



# **Synergy Resources Corporation**

**SEC 21 T6N R66W  
LEFFLER 8-21 PAD  
LEFFLER 1 C-23-L**

**OH  
PLAN #1**

## **Anticollision Report**

**10 March, 2017**

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	PLAN #1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.00 ft	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.45 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	3/10/2017		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	17,736.93	PLAN #1 (OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
LEFFLER 8-21 PAD						
ADAMS I #23-19 - OH - OH	14,275.32	7,142.09	280.36	-80.51	0.777	Level 1, CC, ES, SF
ALICE M. HOFFNER #1-22 - OH - OH	8,373.84	7,164.51	915.38	629.51	3.202	CC, ES
ALICE M. HOFFNER #1-22 - OH - OH	8,400.00	7,164.38	915.76	629.74	3.202	SF
ALLES #1-23 - OH - OH	14,785.23	7,138.72	375.34	7.15	1.019	Level 2, CC, ES, SF
ALLES #2-23 - OH - OH	15,062.47	7,128.43	900.54	528.64	2.421	CC, ES, SF
BARNEY #2 - OH - OH	14,591.58	7,127.62	2,090.43	1,725.46	5.728	CC
BARNEY #2 - OH - OH	14,600.00	7,127.58	2,090.45	1,725.37	5.726	ES
BARNEY #2 - OH - OH	14,700.00	7,127.11	2,093.24	1,727.01	5.716	SF
BERRY #22-2 - OH - OH	11,112.69	7,160.78	233.41	-83.46	0.737	Level 1, CC, ES, SF
ELDRIDGE #2-23 - OH - OH	16,205.69	7,119.12	969.43	581.01	2.496	CC, ES, SF
ELDRIDGE #31-23 - OH - OH	16,367.30	7,127.37	281.86	-109.24	0.721	Level 1, CC, ES, SF
ELDRIDGE #3-23 - OH - OH	17,561.11	7,141.82	314.16	-95.17	0.768	Level 1, CC, ES, SF
ELDRIDGE #4-23 - OH - OH	17,737.15	7,109.00	1,066.11	655.33	2.595	CC, ES, SF
ELDRIDGE #CNE-23 - OH - OH	16,594.17	7,117.31	347.59	-46.52	0.882	Level 1, CC, ES, SF
HOOD 25N-22B-M - OH - PLAN #1	6,844.87	12,046.95	1,645.13	1,466.86	9.228	CC
HOOD 25N-22B-M - OH - PLAN #1	10,200.00	15,187.04	1,705.61	1,416.27	5.895	ES, SF
INTERMILL #1-22 - OH - GYRO-NS	10,846.21	7,123.01	926.83	831.58	9.731	CC, ES
INTERMILL #1-22 - OH - GYRO-NS	10,900.00	7,121.55	928.39	832.69	9.702	SF
KENT #24-2 - OH - OH	17,737.15	7,136.00	1,006.52	692.13	3.201	CC, ES, SF
Kindsfater #24E-403 - OH - PLAN #1	17,737.15	7,958.99	571.50	497.03	7.675	CC, ES, SF
L&L PARTNERSHIP #22-8 - OH - OH	12,259.46	7,136.45	1,117.31	785.53	3.368	CC, ES
L&L PARTNERSHIP #22-8 - OH - OH	12,300.00	7,136.26	1,118.05	785.86	3.366	SF
L&L PARTNERSHIP #23-4G6 - OH - OH	13,766.80	7,146.45	196.94	-156.68	0.557	Level 1, CC, ES, SF
LEFFLER 1 #21-2 - OH - OH	6,647.66	6,579.29	1,411.20	1,153.81	5.483	CC
LEFFLER 1 #21-2 - OH - OH	6,650.00	6,581.61	1,411.21	1,153.72	5.481	ES
LEFFLER 1 #21-2 - OH - OH	6,800.00	6,728.04	1,428.58	1,165.38	5.428	SF
LEFFLER 1 N-23B-L - OH - PLAN #1	200.00	200.00	19.67	13.00	2.949	CC
LEFFLER 1 N-23B-L - OH - PLAN #1	17,737.15	17,592.93	214.17	-48.17	0.816	Level 1, ES, SF
LEFFLER 1 N-23C-L - OH - PLAN #1	300.00	300.00	39.71	32.83	5.769	CC, ES
LEFFLER 1 N-23C-L - OH - PLAN #1	17,737.15	17,695.24	511.20	183.07	1.558	SF
LEFFLER 26C-23-L - OH - PLAN #1	533.80	533.13	59.16	51.41	7.633	CC, ES
LEFFLER 26C-23-L - OH - PLAN #1	17,737.15	17,859.63	723.92	395.00	2.201	SF
LEFFLER 26N-23B-L - OH - PLAN #1	200.00	200.00	79.79	73.12	11.963	CC, ES
LEFFLER 26N-23B-L - OH - PLAN #1	17,737.15	17,718.80	960.18	630.63	2.914	SF
LEFFLER 40C-23-L - OH - PLAN #2	400.00	400.00	140.25	133.06	19.486	CC, ES

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

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<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

### Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance		Separation Factor	Warning
			Between Centres (ft)	Between Ellipses (ft)		
LEFFLER 8-21 PAD						
LEFFLER 40C-23-L - OH - PLAN #2	17,737.15	17,684.37	1,551.94	1,223.61	4.727 SF	
LEFFLER 41C-23-L - OH - PLAN #1	937.67	940.80	38.41	28.33	3.809 CC, ES	
LEFFLER 41C-23-L - OH - PLAN #1	17,737.15	17,703.34	456.09	127.39	1.388 Level 3, SF	
LEFFLER 41N-23C-L - OH - PLAN #1	1,040.80	1,042.57	16.44	5.67	1.527 CC	
LEFFLER 41N-23C-L - OH - PLAN #1	17,737.15	17,614.74	189.44	-99.35	0.656 Level 1, ES, SF	
LEFFLER 8C-23-L - OH - PLAN #1	400.00	400.00	80.15	72.95	11.135 CC, ES	
LEFFLER 8C-23-L - OH - PLAN #1	17,737.15	17,683.98	816.08	487.43	2.483 SF	
LEFFLER 8N-23A-L - OH - PLAN #1	400.00	400.00	60.11	52.92	8.352 CC, ES	
LEFFLER 8N-23A-L - OH - PLAN #1	17,737.15	17,385.13	668.13	364.44	2.200 SF	
LEFFLER 8N-23B-L - OH - Plan #2	400.00	400.00	100.18	92.99	13.919 CC, ES	
LEFFLER 8N-23B-L - OH - Plan #2	17,600.00	17,365.88	1,124.98	804.47	3.510 SF	
LEFFLER 8N-23C-L - OH - PLAN #2	300.00	300.00	120.22	113.34	17.467 CC, ES	
LEFFLER 8N-23C-L - OH - PLAN #2	17,737.15	17,588.91	1,303.93	976.57	3.983 SF	
LEFFLER FE 20-019HN - OH - PLAN #1	5,381.98	5,268.94	605.76	558.69	12.869 CC	
LEFFLER FE 20-019HN - OH - PLAN #1	5,400.00	5,282.61	605.82	558.63	12.837 ES	
LEFFLER FE 20-019HN - OH - PLAN #1	5,600.00	5,434.13	615.29	566.92	12.719 SF	
LEFFLER FE 20-022HC - OH - PLAN #1	5,934.19	5,830.01	534.11	482.16	10.281 CC, ES	
LEFFLER FE 20-022HC - OH - PLAN #1	7,350.00	7,090.62	568.76	505.92	9.050 SF	
LEFFLER FE 20-022HN - OH - PLAN #1	5,695.00	5,585.08	578.65	528.82	11.611 CC	
LEFFLER FE 20-022HN - OH - PLAN #1	5,700.00	5,588.90	578.66	528.79	11.604 ES	
LEFFLER FE 20-022HN - OH - PLAN #1	5,800.00	5,665.12	580.96	530.46	11.504 SF	
LEFFLER FE 20-059HN - PLAN #1 - PLAN #1	7,241.49	7,159.41	424.47	360.91	6.678 CC, ES, SF	
LEFFLER FE 20-062HC - OH - PLAN #1	7,304.54	7,214.30	125.12	61.50	1.967 CC, ES, SF	
LEFFLER FE 20-062HN - OH - PLAN #1	7,096.72	7,198.20	83.82	20.26	1.319 Level 3, CC, ES, SF	
LEFFLER FE 20-102HN - OH - PLAN #1	7,183.10	7,230.50	216.82	154.18	3.461 CC, ES, SF	
LEFFLER FE 20-139HC - OH - PLAN #1	6,190.50	6,145.30	421.44	367.23	7.775 CC	
LEFFLER FE 20-139HC - OH - PLAN #1	6,200.00	6,153.31	421.47	367.19	7.765 ES	
LEFFLER FE 20-139HC - OH - PLAN #1	6,300.00	6,235.09	425.77	370.80	7.746 SF	
LEFFLER FE 20-142HN - OH - OH	5,712.68	5,697.59	377.75	327.47	7.513 CC, ES	
LEFFLER FE 20-142HN - OH - OH	5,800.00	5,766.47	381.52	330.59	7.490 SF	
LEFFLER FE 20-179HC - OH - PLAN #1	5,584.54	5,575.45	361.35	312.11	7.338 CC	
LEFFLER FE 20-179HC - OH - PLAN #1	5,600.00	5,587.69	361.48	312.09	7.320 ES, SF	
LEFFLER FE 20-179HN - PLAN #1 - PLAN #1	5,228.67	5,233.78	343.52	297.12	7.404 CC, ES	
LEFFLER FE 20-179HN - PLAN #1 - PLAN #1	5,300.00	5,289.93	346.32	299.34	7.371 SF	
LEFFLER FE 20-182HN - OH - PLAN #1	4,868.43	4,889.50	318.37	275.02	7.344 CC, ES	
LEFFLER FE 20-182HN - OH - PLAN #1	4,900.00	4,914.33	318.96	275.30	7.306 SF	
LOWELL ADAMS #1-22 - OH - OH	12,264.06	7,156.43	303.83	-28.71	0.914 Level 1, CC, ES, SF	
LOWELL ADAMS #1-23 - OH - OH	13,570.35	7,134.36	1,029.82	679.44	2.939 CC, ES	
LOWELL ADAMS #1-23 - OH - OH	13,600.00	7,134.22	1,030.25	679.58	2.938 SF	
OGILVY #1 - OH - NO SURVEYS	17,087.03	7,104.98	2,145.02	1,744.03	5.349 CC	
OGILVY #1 - OH - NO SURVEYS	17,100.00	7,105.04	2,145.06	1,743.90	5.347 ES	
OGILVY #1 - OH - NO SURVEYS	17,200.00	7,105.50	2,147.99	1,745.69	5.339 SF	
Pinnacle Park #1-14 - OH - NO SURVEYS	16,674.02	7,121.94	1,306.14	910.69	3.303 CC	
Pinnacle Park #1-14 - OH - NO SURVEYS	16,700.00	7,121.82	1,306.40	910.53	3.300 ES, SF	
RUTT-ADAMS HEIRS #2-22 - OH - OH	9,521.34	7,178.17	377.90	80.39	1.270 Level 3, CC, ES, SF	
SCHAEFER #2-22 - OH - OH	12,175.90	7,133.84	2,338.21	2,007.69	7.074 CC	
SCHAEFER #2-22 - OH - OH	12,200.00	7,133.73	2,338.33	2,007.52	7.068 ES	
SCHAEFER #2-22 - OH - OH	12,300.00	7,133.26	2,341.50	2,009.53	7.053 SF	

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<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
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<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	85.50	550.72	7,003.22	7,024.89					
100.00	100.00	74.00	74.00	3.28	3.53	85.50	550.72	7,003.22	7,024.84	7,018.03	6.81	1,031.651		
200.00	200.00	174.00	174.00	3.34	5.43	85.50	550.72	7,003.22	7,024.84	7,016.07	8.77	801.358		
300.00	300.00	274.00	274.00	3.44	8.48	85.50	550.72	7,003.22	7,024.84	7,012.92	11.92	589.261		
400.00	400.00	374.00	374.00	3.60	11.78	85.50	550.72	7,003.22	7,024.84	7,009.46	15.38	456.881		
500.00	499.99	473.99	473.99	3.80	15.16	145.50	550.72	7,003.22	7,025.56	7,006.60	18.96	370.572		
600.00	599.96	573.96	573.96	4.03	18.58	145.50	550.72	7,003.22	7,027.72	7,005.10	22.62	310.737		
700.00	699.86	673.86	673.86	4.30	22.02	145.50	550.72	7,003.22	7,031.31	7,004.99	26.33	267.096		
790.00	789.74	763.74	763.74	4.57	25.13	145.52	550.72	7,003.22	7,035.20	7,005.50	29.69	236.915		
800.00	799.73	773.73	773.73	4.60	25.48	142.38	550.72	7,003.22	7,035.63	7,005.56	30.07	233.967		
900.00	899.50	873.50	873.50	4.92	28.94	121.25	550.72	7,003.22	7,039.84	7,006.00	33.84	208.010		
1,000.00	999.05	973.05	973.05	5.26	32.39	111.04	550.72	7,003.22	7,043.89	7,006.26	37.63	187.179		
1,077.14	1,075.61	1,049.61	1,049.61	5.53	35.05	106.45	550.72	7,003.22	7,046.91	7,006.35	40.56	173.747		
1,100.00	1,098.26	1,072.26	1,072.26	5.61	35.84	106.48	550.72	7,003.22	7,047.79	7,006.37	41.43	170.129		
1,200.00	1,197.35	1,171.35	1,171.35	5.98	39.28	106.58	550.72	7,003.22	7,051.66	7,006.43	45.23	155.898		
1,300.00	1,296.44	1,270.44	1,270.44	6.35	42.73	106.69	550.72	7,003.22	7,055.55	7,006.50	49.05	143.838		
1,400.00	1,395.52	1,369.52	1,369.52	6.73	46.18	106.79	550.72	7,003.22	7,059.47	7,006.59	52.88	133.493		
1,500.00	1,494.61	1,468.61	1,468.61	7.12	49.63	106.89	550.72	7,003.22	7,063.41	7,006.69	56.72	124.527		
1,600.00	1,593.70	1,567.70	1,567.70	7.52	53.08	107.00	550.72	7,003.22	7,067.37	7,006.80	60.57	116.683		
1,700.00	1,692.78	1,666.78	1,666.78	7.93	56.54	107.10	550.72	7,003.22	7,071.36	7,006.94	64.42	109.765		
1,800.00	1,791.87	1,765.87	1,765.87	8.33	59.99	107.20	550.72	7,003.22	7,075.37	7,007.09	68.28	103.621		
1,900.00	1,890.95	1,864.95	1,864.95	8.75	63.45	107.31	550.72	7,003.22	7,079.41	7,007.26	72.15	98.127		
2,000.00	1,990.04	1,964.04	1,964.04	9.16	66.90	107.41	550.72	7,003.22	7,083.46	7,007.45	76.01	93.188		
2,100.00	2,089.13	2,063.13	2,063.13	9.58	70.35	107.51	550.72	7,003.22	7,087.54	7,007.66	79.88	88.723		
2,200.00	2,188.21	2,162.21	2,162.21	10.01	73.81	107.62	550.72	7,003.22	7,091.65	7,007.89	83.76	84.668		
2,300.00	2,287.30	2,261.30	2,261.30	10.43	77.27	107.72	550.72	7,003.22	7,095.77	7,008.14	87.64	80.970		
2,400.00	2,386.39	2,360.39	2,360.39	10.86	80.72	107.82	550.72	7,003.22	7,099.92	7,008.41	91.51	77.583		
2,500.00	2,485.47	2,459.47	2,459.47	11.29	84.18	107.93	550.72	7,003.22	7,104.10	7,008.70	95.40	74.470		
2,600.00	2,584.56	2,558.56	2,558.56	11.72	87.64	108.03	550.72	7,003.22	7,108.29	7,009.02	99.28	71.599		
2,700.00	2,683.65	2,657.65	2,657.65	12.15	91.09	108.13	550.72	7,003.22	7,112.51	7,009.35	103.16	68.944		
2,800.00	2,782.73	2,756.73	2,756.73	12.58	94.55	108.23	550.72	7,003.22	7,116.76	7,009.71	107.05	66.481		
2,900.00	2,881.82	2,855.82	2,855.82	13.02	98.01	108.34	550.72	7,003.22	7,121.02	7,010.09	110.94	64.189		
3,000.00	2,980.91	2,954.91	2,954.91	13.45	101.46	108.44	550.72	7,003.22	7,125.31	7,010.49	114.83	62.053		
3,100.00	3,079.99	3,053.99	3,053.99	13.89	104.92	108.54	550.72	7,003.22	7,129.62	7,010.91	118.72	60.056		
3,200.00	3,179.08	3,153.08	3,153.08	14.33	108.38	108.64	550.72	7,003.22	7,133.96	7,011.35	122.61	58.185		
3,300.00	3,278.17	3,252.17	3,252.17	14.76	111.84	108.74	550.72	7,003.22	7,138.32	7,011.82	126.50	56.430		
3,400.00	3,377.25	3,351.25	3,351.25	15.20	115.29	108.84	550.72	7,003.22	7,142.70	7,012.30	130.39	54.778		
3,500.00	3,476.34	3,450.34	3,450.34	15.64	118.75	108.95	550.72	7,003.22	7,147.10	7,012.81	134.29	53.223		
3,600.00	3,575.43	3,549.43	3,549.43	16.08	122.21	109.05	550.72	7,003.22	7,151.52	7,013.34	138.18	51.755		
3,700.00	3,674.51	3,648.51	3,648.51	16.53	125.67	109.15	550.72	7,003.22	7,155.97	7,013.90	142.07	50.368		
3,800.00	3,773.60	3,747.60	3,747.60	16.97	129.13	109.25	550.72	7,003.22	7,160.44	7,014.47	145.97	49.054		
3,900.00	3,872.69	3,846.69	3,846.69	17.41	132.58	109.35	550.72	7,003.22	7,164.94	7,015.07	149.87	47.809		
4,000.00	3,971.77	3,945.77	3,945.77	17.85	136.04	109.45	550.72	7,003.22	7,169.45	7,015.69	153.76	46.627		
4,100.00	4,070.86	4,044.86	4,044.86	18.29	139.50	109.55	550.72	7,003.22	7,173.99	7,016.33	157.66	45.503		
4,200.00	4,169.95	4,143.95	4,143.95	18.74	142.96	109.65	550.72	7,003.22	7,178.55	7,017.00	161.56	44.434		
4,300.00	4,269.03	4,243.03	4,243.03	19.18	146.42	109.75	550.72	7,003.22	7,183.14	7,017.68	165.45	43.415		
4,400.00	4,368.12	4,342.12	4,342.12	19.63	149.87	109.85	550.72	7,003.22	7,187.74	7,018.39	169.35	42.442		
4,500.00	4,467.21	4,441.21	4,441.21	20.07	153.33	109.95	550.72	7,003.22	7,192.37	7,019.12	173.25	41.514		
4,600.00	4,566.29	4,540.29	4,540.29	20.52	156.79	110.05	550.72	7,003.22	7,197.02	7,019.87	177.15	40.627		
4,700.00	4,665.38	4,639.38	4,639.38	20.96	160.25	110.15	550.72	7,003.22	7,201.69	7,020.65	181.05	39.778		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,800.00	4,764.47	4,738.47	4,738.47	21.41	163.71	110.25	550.72	7,003.22	7,206.39	7,021.44	184.95	38.964			
4,900.00	4,863.55	4,837.55	4,837.55	21.85	167.17	110.35	550.72	7,003.22	7,211.11	7,022.26	188.85	38.185			
5,000.00	4,962.64	4,936.64	4,936.64	22.30	170.62	110.45	550.72	7,003.22	7,215.85	7,023.10	192.75	37.437			
5,100.00	5,061.73	5,035.73	5,035.73	22.74	174.08	110.55	550.72	7,003.22	7,220.61	7,023.96	196.65	36.718			
5,200.00	5,160.81	5,134.81	5,134.81	23.19	177.54	110.65	550.72	7,003.22	7,225.39	7,024.84	200.55	36.028			
5,300.00	5,259.90	5,233.90	5,233.90	23.64	181.00	110.75	550.72	7,003.22	7,230.20	7,025.75	204.45	35.364			
5,400.00	5,358.99	5,332.99	5,332.99	24.08	184.46	110.85	550.72	7,003.22	7,235.02	7,026.67	208.35	34.725			
5,500.00	5,458.07	5,432.07	5,432.07	24.53	187.92	110.95	550.72	7,003.22	7,239.87	7,027.62	212.25	34.110			
5,600.00	5,557.16	5,531.16	5,531.16	24.98	191.38	111.05	550.72	7,003.22	7,244.74	7,028.59	216.15	33.517			
5,700.00	5,656.25	5,630.25	5,630.25	25.42	194.83	111.15	550.72	7,003.22	7,249.64	7,029.58	220.05	32.945			
5,800.00	5,755.33	5,729.33	5,729.33	25.87	198.29	111.25	550.72	7,003.22	7,254.55	7,030.60	223.96	32.393			
5,900.00	5,854.42	5,828.42	5,828.42	26.32	201.75	111.34	550.72	7,003.22	7,259.49	7,031.63	227.86	31.860			
6,000.00	5,953.51	5,927.51	5,927.51	26.77	205.21	111.44	550.72	7,003.22	7,264.45	7,032.69	231.76	31.345			
6,100.00	6,052.59	6,026.59	6,026.59	27.21	208.67	111.54	550.72	7,003.22	7,269.43	7,033.77	235.66	30.847			
6,200.00	6,151.68	6,125.68	6,125.68	27.66	212.13	111.64	550.72	7,003.22	7,274.43	7,034.86	239.56	30.365			
6,300.00	6,250.76	6,224.76	6,224.76	28.11	215.59	111.74	550.72	7,003.22	7,279.45	7,035.99	243.46	29.899			
6,400.00	6,349.85	6,323.85	6,323.85	28.56	219.05	111.83	550.72	7,003.22	7,284.49	7,037.13	247.37	29.448			
6,500.00	6,448.94	6,422.94	6,422.94	29.01	222.50	111.93	550.72	7,003.22	7,289.56	7,038.29	251.27	29.011			
6,589.36	6,537.48	6,511.48	6,511.48	29.41	225.59	112.02	550.72	7,003.22	7,294.10	7,039.35	254.76	28.632			
6,600.00	6,548.03	6,522.03	6,522.03	29.45	225.96	105.17	550.72	7,003.22	7,294.56	7,039.39	255.17	28.587			
6,650.00	6,597.61	6,571.61	6,571.61	29.67	227.69	71.09	550.72	7,003.22	7,294.31	7,037.19	257.12	28.369			
6,700.00	6,647.01	6,621.01	6,621.01	29.89	229.42	47.01	550.72	7,003.22	7,290.15	7,031.10	259.06	28.141			
6,750.00	6,695.92	6,669.92	6,669.92	30.10	231.13	33.81	550.72	7,003.22	7,282.11	7,021.14	260.97	27.904			
6,800.00	6,744.04	6,718.04	6,718.04	30.31	232.80	26.33	550.72	7,003.22	7,270.22	7,007.38	262.84	27.660			
6,850.00	6,791.07	6,765.07	6,765.07	30.51	234.45	21.73	550.72	7,003.22	7,254.57	6,989.90	264.67	27.410			
6,900.00	6,836.72	6,810.72	6,810.72	30.71	236.04	18.70	550.72	7,003.22	7,235.25	6,968.81	266.44	27.155			
6,950.00	6,880.71	6,854.71	6,854.71	30.90	237.58	16.61	550.72	7,003.22	7,212.38	6,944.24	268.14	26.898			
7,000.00	6,922.77	6,896.77	6,896.77	31.08	239.27	15.13	550.72	7,003.22	7,186.10	6,916.12	269.98	26.617			
7,050.00	6,962.63	6,936.63	6,936.63	31.27	240.44	14.08	550.72	7,003.22	7,156.57	6,885.30	271.28	26.381			
7,100.00	7,000.07	6,974.07	6,974.07	31.44	241.74	13.36	550.72	7,003.22	7,123.98	6,851.28	272.71	26.123			
7,150.00	7,034.83	7,008.83	7,008.83	31.62	242.96	12.89	550.72	7,003.22	7,088.53	6,814.50	274.03	25.868			
7,200.00	7,066.72	7,040.72	7,040.72	31.79	244.07	12.65	550.72	7,003.22	7,050.42	6,775.19	275.23	25.616			
7,250.00	7,095.52	7,069.52	7,069.52	31.96	245.07	12.64	550.72	7,003.22	7,009.90	6,733.58	276.32	25.369			
7,300.00	7,121.07	7,104.93	7,104.93	32.13	246.31	12.87	550.72	7,003.22	6,967.22	6,689.60	277.62	25.096			
7,350.00	7,143.21	7,117.21	7,117.21	32.30	246.74	13.42	550.72	7,003.22	6,922.64	6,644.54	278.11	24.892			
7,400.00	7,161.80	7,135.80	7,135.80	32.47	247.39	14.42	550.72	7,003.22	6,876.43	6,597.64	278.80	24.665			
7,450.00	7,176.72	7,150.72	7,150.72	32.64	247.91	16.19	550.72	7,003.22	6,828.88	6,549.53	279.35	24.446			
7,500.00	7,187.89	7,161.89	7,161.89	32.82	248.30	19.56	550.72	7,003.22	6,780.28	6,500.52	279.76	24.236			
7,550.00	7,195.23	7,169.23	7,169.23	32.99	248.55	27.40	550.72	7,003.22	6,730.93	6,450.89	280.04	24.036			
7,600.00	7,198.70	7,172.70	7,172.70	33.17	248.68	56.68	550.72	7,003.22	6,681.12	6,400.96	280.17	23.847			
7,622.60	7,199.00	7,173.00	7,173.00	33.25	248.69	96.29	550.72	7,003.22	6,658.55	6,378.37	280.18	23.765			
7,700.00	7,198.64	7,172.64	7,172.64	33.54	248.67	96.22	550.72	7,003.22	6,581.22	6,301.04	280.18	23.489			
7,800.00	7,198.17	7,172.17	7,172.17	33.98	248.66	96.13	550.72	7,003.22	6,481.31	6,201.13	280.18	23.133			
7,900.00	7,197.71	7,171.71	7,171.71	34.47	248.64	96.03	550.72	7,003.22	6,381.41	6,101.23	280.18	22.776			
8,000.00	7,197.24	7,171.24	7,171.24	35.03	248.62	95.94	550.72	7,003.22	6,281.51	6,001.32	280.18	22.419			
8,100.00	7,196.78	7,170.78	7,170.78	35.64	248.61	95.84	550.72	7,003.22	6,181.61	5,901.42	280.19	22.062			
8,200.00	7,196.31	7,170.31	7,170.31	36.30	248.59	95.75	550.72	7,003.22	6,081.72	5,801.52	280.19	21.705			
8,300.00	7,195.85	7,169.85	7,169.85	37.01	248.58	95.66	550.72	7,003.22	5,981.83	5,701.62	280.20	21.348			
8,400.00	7,195.38	7,169.38	7,169.38	37.77	248.56	95.56	550.72	7,003.22	5,881.94	5,601.73	280.21	20.991			
8,500.00	7,194.92	7,168.92	7,168.92	38.57	248.54	95.47	550.72	7,003.22	5,782.06	5,501.83	280.22	20.634			
8,600.00	7,194.46	7,168.46	7,168.46	39.41	248.53	95.37	550.72	7,003.22	5,682.18	5,401.94	280.24	20.276			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,193.99	7,167.99	7,167.99	40.30	248.51	95.28	550.72	7,003.22	5,582.30	5,302.05	280.25	19.919		
8,800.00	7,193.53	7,167.53	7,167.53	41.22	248.49	95.18	550.72	7,003.22	5,482.43	5,202.16	280.27	19.561		
8,900.00	7,193.06	7,167.06	7,167.06	42.17	248.48	95.09	550.72	7,003.22	5,382.57	5,102.28	280.29	19.204		
9,000.00	7,192.60	7,166.60	7,166.60	43.16	248.46	95.00	550.72	7,003.22	5,282.70	5,002.40	280.31	18.846		
9,100.00	7,192.13	7,166.13	7,166.13	44.17	248.45	94.90	550.72	7,003.22	5,182.85	4,902.52	280.33	18.488		
9,200.00	7,191.67	7,165.67	7,165.67	45.22	248.43	94.81	550.72	7,003.22	5,083.00	4,802.65	280.35	18.131		
9,300.00	7,191.20	7,165.20	7,165.20	46.29	248.41	94.71	550.72	7,003.22	4,983.16	4,702.77	280.38	17.773		
9,400.00	7,190.74	7,164.74	7,164.74	47.38	248.40	94.62	550.72	7,003.22	4,883.32	4,602.91	280.41	17.415		
9,500.00	7,190.27	7,164.27	7,164.27	48.50	248.38	94.52	550.72	7,003.22	4,783.49	4,503.04	280.44	17.057		
9,600.00	7,189.81	7,163.81	7,163.81	49.64	248.37	94.43	550.72	7,003.22	4,683.66	4,403.19	280.48	16.699		
9,700.00	7,189.34	7,163.34	7,163.34	50.80	248.35	94.34	550.72	7,003.22	4,583.85	4,303.33	280.52	16.341		
9,800.00	7,188.88	7,162.88	7,162.88	51.98	248.33	94.24	550.72	7,003.22	4,484.04	4,203.49	280.56	15.983		
9,900.00	7,188.41	7,162.41	7,162.41	53.17	248.32	94.15	550.72	7,003.22	4,384.24	4,103.64	280.60	15.625		
10,000.00	7,187.95	7,161.95	7,161.95	54.38	248.30	94.05	550.72	7,003.22	4,284.45	4,003.81	280.64	15.266		
10,100.00	7,187.49	7,161.49	7,161.49	55.61	248.28	93.96	550.72	7,003.22	4,184.67	3,903.98	280.69	14.908		
10,200.00	7,187.02	7,161.02	7,161.02	56.85	248.27	93.86	550.72	7,003.22	4,084.91	3,804.16	280.75	14.550		
10,300.00	7,186.56	7,160.56	7,160.56	58.10	248.25	93.77	550.72	7,003.22	3,985.15	3,704.34	280.80	14.192		
10,400.00	7,186.09	7,160.09	7,160.09	59.37	248.24	93.67	550.72	7,003.22	3,885.40	3,604.54	280.86	13.834		
10,500.00	7,185.63	7,159.63	7,159.63	60.64	248.22	93.58	550.72	7,003.22	3,785.67	3,504.74	280.93	13.476		
10,600.00	7,185.16	7,159.16	7,159.16	61.93	248.20	93.49	550.72	7,003.22	3,685.95	3,404.96	281.00	13.117		
10,700.00	7,184.70	7,158.70	7,158.70	63.23	248.19	93.39	550.72	7,003.22	3,586.25	3,305.18	281.07	12.759		
10,800.00	7,184.23	7,158.23	7,158.23	64.54	248.17	93.30	550.72	7,003.22	3,486.57	3,205.41	281.15	12.401		
10,900.00	7,183.77	7,157.77	7,157.77	65.85	248.15	93.20	550.72	7,003.22	3,386.90	3,105.66	281.24	12.043		
11,000.00	7,183.30	7,157.30	7,157.30	67.18	248.14	93.11	550.72	7,003.22	3,287.26	3,005.92	281.33	11.685		
11,100.00	7,182.84	7,156.84	7,156.84	68.51	248.12	93.01	550.72	7,003.22	3,187.64	2,906.20	281.43	11.326		
11,200.00	7,182.37	7,156.37	7,156.37	69.85	248.11	92.92	550.72	7,003.22	3,088.04	2,806.49	281.54	10.968		
11,300.00	7,181.91	7,155.91	7,155.91	71.20	248.09	92.82	550.72	7,003.22	2,988.46	2,706.80	281.66	10.610		
11,400.00	7,181.45	7,155.45	7,155.45	72.56	248.07	92.73	550.72	7,003.22	2,888.92	2,607.13	281.79	10.252		
11,500.00	7,180.98	7,154.98	7,154.98	73.92	248.06	92.63	550.72	7,003.22	2,789.41	2,507.48	281.93	9.894		
11,600.00	7,180.52	7,154.52	7,154.52	75.29	248.04	92.54	550.72	7,003.22	2,689.94	2,407.86	282.08	9.536		
11,700.00	7,180.05	7,154.05	7,154.05	76.66	248.02	92.44	550.72	7,003.22	2,590.50	2,308.26	282.25	9.178		
11,800.00	7,179.59	7,153.59	7,153.59	78.04	248.01	92.35	550.72	7,003.22	2,491.12	2,208.69	282.43	8.820		
11,900.00	7,179.12	7,153.12	7,153.12	79.42	247.99	92.25	550.72	7,003.22	2,391.78	2,109.15	282.63	8.463		
12,000.00	7,178.66	7,152.66	7,152.66	80.81	247.98	92.16	550.72	7,003.22	2,292.50	2,009.64	282.86	8.105		
12,100.00	7,178.19	7,152.19	7,152.19	82.20	247.96	92.06	550.72	7,003.22	2,193.29	1,910.18	283.11	7.747		
12,200.00	7,177.73	7,151.73	7,151.73	83.60	247.94	91.97	550.72	7,003.22	2,094.15	1,810.76	283.39	7.390		
12,300.00	7,177.26	7,151.26	7,151.26	85.00	247.93	91.87	550.72	7,003.22	1,995.09	1,711.38	283.71	7.032		
12,400.00	7,176.80	7,150.80	7,150.80	86.41	247.91	91.78	550.72	7,003.22	1,896.14	1,612.07	284.07	6.675		
12,500.00	7,176.33	7,150.33	7,150.33	87.82	247.89	91.69	550.72	7,003.22	1,797.30	1,512.82	284.48	6.318		
12,600.00	7,175.87	7,149.87	7,149.87	89.23	247.88	91.59	550.72	7,003.22	1,698.60	1,413.64	284.96	5.961		
12,700.00	7,175.40	7,149.40	7,149.40	90.65	247.86	91.50	550.72	7,003.22	1,600.05	1,314.54	285.51	5.604		
12,800.00	7,174.94	7,148.94	7,148.94	92.07	247.85	91.40	550.72	7,003.22	1,501.70	1,215.54	286.16	5.248		
12,900.00	7,174.48	7,148.48	7,148.48	93.49	247.83	91.31	550.72	7,003.22	1,403.59	1,116.66	286.93	4.892		
13,000.00	7,174.01	7,148.01	7,148.01	94.91	247.81	91.21	550.72	7,003.22	1,305.76	1,017.91	287.85	4.536		
13,100.00	7,173.55	7,147.55	7,147.55	96.34	247.80	91.12	550.72	7,003.22	1,208.28	919.32	288.96	4.181		
13,200.00	7,173.08	7,147.08	7,147.08	97.77	247.78	91.02	550.72	7,003.22	1,111.25	820.93	290.32	3.828		
13,300.00	7,172.62	7,146.62	7,146.62	99.21	247.77	90.93	550.72	7,003.22	1,014.80	722.79	292.01	3.475		
13,400.00	7,172.15	7,146.15	7,146.15	100.64	247.75	90.83	550.72	7,003.22	919.11	624.96	294.15	3.125		
13,500.00	7,171.69	7,145.69	7,145.69	102.08	247.73	90.74	550.72	7,003.22	824.44	527.56	296.88	2.777		
13,600.00	7,171.22	7,145.22	7,145.22	103.52	247.72	90.64	550.72	7,003.22	731.19	430.75	300.44	2.434		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	7,144.76	7,144.76	104.97	247.70	90.55	550.72	7,003.22	639.99	334.83	305.15	2.097		
13,800.00	7,170.29	7,144.29	7,144.29	106.41	247.68	90.45	550.72	7,003.22	551.84	240.36	311.48	1.772		
13,900.00	7,169.83	7,143.83	7,143.83	107.86	247.67	90.36	550.72	7,003.22	468.47	148.45	320.01	1.464 Level 3		
14,000.00	7,169.36	7,143.36	7,143.36	109.31	247.65	90.26	550.72	7,003.22	392.94	61.65	331.29	1.186 Level 2		
14,100.00	7,168.90	7,142.90	7,142.90	110.76	247.64	90.17	550.72	7,003.22	330.66	-14.22	344.88	0.959 Level 1		
14,200.00	7,168.44	7,142.44	7,142.44	112.21	247.62	90.07	550.72	7,003.22	290.30	-66.83	357.13	0.813 Level 1		
14,275.32	7,168.09	7,142.09	7,142.09	113.31	247.61	90.00	550.72	7,003.22	280.36	-80.51	360.87	0.777 Level 1, CC, ES, SF		
14,300.00	7,167.97	7,141.97	7,141.97	113.67	247.60	89.98	550.72	7,003.22	281.45	-79.10	360.54	0.781 Level 1		
14,400.00	7,167.51	7,141.51	7,141.51	115.12	247.59	89.88	550.72	7,003.22	306.84	-45.52	352.36	0.871 Level 1		
14,500.00	7,167.04	7,141.04	7,141.04	116.58	247.57	89.79	550.72	7,003.22	359.28	20.23	339.05	1.060 Level 2		
14,600.00	7,166.58	7,140.58	7,140.58	118.04	247.55	89.69	550.72	7,003.22	428.97	102.33	326.64	1.313 Level 3		
14,700.00	7,166.11	7,140.11	7,140.11	119.50	247.54	89.60	550.72	7,003.22	508.88	191.96	316.91	1.606		
14,800.00	7,165.65	7,139.65	7,139.65	120.97	247.52	89.50	550.72	7,003.22	594.89	285.23	309.65	1.921		
14,900.00	7,165.18	7,139.18	7,139.18	122.43	247.51	89.41	550.72	7,003.22	684.71	380.43	304.28	2.250		
15,000.00	7,164.72	7,138.72	7,138.72	123.90	247.49	89.31	550.72	7,003.22	777.02	476.76	300.26	2.588		
15,100.00	7,164.25	7,138.25	7,138.25	125.36	247.47	89.22	550.72	7,003.22	871.03	573.81	297.22	2.931		
15,200.00	7,163.79	7,137.79	7,137.79	126.83	247.46	89.12	550.72	7,003.22	966.24	671.36	294.88	3.277		
15,300.00	7,163.32	7,137.32	7,137.32	128.30	247.44	89.03	550.72	7,003.22	1,062.34	769.28	293.06	3.625		
15,400.00	7,162.86	7,136.86	7,136.86	129.77	247.42	88.93	550.72	7,003.22	1,159.09	867.47	291.62	3.975		
15,500.00	7,162.39	7,136.39	7,136.39	131.24	247.41	88.84	550.72	7,003.22	1,256.35	965.88	290.47	4.325		
15,600.00	7,161.93	7,135.93	7,135.93	132.71	247.39	88.74	550.72	7,003.22	1,354.01	1,064.46	289.55	4.676		
15,700.00	7,161.47	7,135.47	7,135.47	134.19	247.38	88.65	550.72	7,003.22	1,451.99	1,163.20	288.80	5.028		
15,800.00	7,161.00	7,135.00	7,135.00	135.66	247.36	88.55	550.72	7,003.22	1,550.23	1,262.05	288.18	5.379		
15,900.00	7,160.54	7,134.54	7,134.54	137.14	247.34	88.46	550.72	7,003.22	1,648.68	1,361.00	287.68	5.731		
16,000.00	7,160.07	7,134.07	7,134.07	138.61	247.33	88.36	550.72	7,003.22	1,747.30	1,460.05	287.26	6.083		
16,100.00	7,159.61	7,133.61	7,133.61	140.09	247.31	88.27	550.72	7,003.22	1,846.08	1,559.17	286.91	6.434		
16,200.00	7,159.14	7,133.14	7,133.14	141.57	247.29	88.17	550.72	7,003.22	1,944.98	1,658.35	286.62	6.786		
16,300.00	7,158.68	7,132.68	7,132.68	143.05	247.28	88.08	550.72	7,003.22	2,043.98	1,757.60	286.38	7.137		
16,400.00	7,158.21	7,132.21	7,132.21	144.53	247.26	87.98	550.72	7,003.22	2,143.08	1,856.90	286.18	7.489		
16,500.00	7,157.75	7,131.75	7,131.75	146.01	247.25	87.89	550.72	7,003.22	2,242.26	1,956.24	286.02	7.840		
16,600.00	7,157.28	7,131.28	7,131.28	147.49	247.23	87.79	550.72	7,003.22	2,341.50	2,055.62	285.88	8.190		
16,700.00	7,156.82	7,130.82	7,130.82	148.97	247.21	87.70	550.72	7,003.22	2,440.81	2,155.04	285.77	8.541		
16,800.00	7,156.35	7,130.35	7,130.35	150.45	247.20	87.60	550.72	7,003.22	2,540.18	2,254.49	285.68	8.892		
16,900.00	7,155.89	7,129.89	7,129.89	151.94	247.18	87.51	550.72	7,003.22	2,639.59	2,353.98	285.61	9.242		
17,000.00	7,155.43	7,129.43	7,129.43	153.42	247.16	87.41	550.72	7,003.22	2,739.04	2,453.48	285.56	9.592		
17,100.00	7,154.96	7,128.96	7,128.96	154.90	247.15	87.32	550.72	7,003.22	2,838.53	2,553.02	285.52	9.942		
17,200.00	7,154.50	7,128.50	7,128.50	156.39	247.13	87.23	550.72	7,003.22	2,938.06	2,652.57	285.49	10.291		
17,300.00	7,154.03	7,128.03	7,128.03	157.88	247.12	87.13	550.72	7,003.22	3,037.62	2,752.15	285.47	10.641		
17,400.00	7,153.57	7,127.57	7,127.57	159.36	247.10	87.04	550.72	7,003.22	3,137.20	2,851.74	285.46	10.990		
17,500.00	7,153.10	7,127.10	7,127.10	160.85	247.08	86.94	550.72	7,003.22	3,236.81	2,951.35	285.46	11.339		
17,600.00	7,152.64	7,126.64	7,126.64	162.34	247.07	86.85	550.72	7,003.22	3,336.45	3,050.97	285.47	11.687		
17,700.00	7,152.17	7,126.17	7,126.17	163.83	247.05	86.75	550.72	7,003.22	3,436.10	3,150.61	285.49	12.036		
17,737.15	7,152.00	7,126.00	7,126.00	164.38	247.05	86.72	550.72	7,003.22	3,473.13	3,187.63	285.50	12.165		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	95.35	-103.44	1,103.90	1,109.17					
100.00	100.00	69.00	69.00	3.28	3.49	95.35	-103.44	1,103.90	1,108.73	1,101.95	6.78	163.571		
200.00	200.00	169.00	169.00	3.34	5.29	95.35	-103.44	1,103.90	1,108.73	1,100.10	8.63	128.503		
300.00	300.00	269.00	269.00	3.44	8.32	95.35	-103.44	1,103.90	1,108.73	1,096.97	11.76	94.274		
400.00	400.00	369.00	369.00	3.60	11.61	95.35	-103.44	1,103.90	1,108.73	1,093.52	15.21	72.904		
500.00	499.99	468.99	468.99	3.80	14.99	155.37	-103.44	1,103.90	1,109.53	1,090.74	18.79	59.054		
600.00	599.96	568.96	568.96	4.03	18.41	155.41	-103.44	1,103.90	1,111.91	1,089.46	22.44	49.540		
700.00	699.86	668.86	668.86	4.30	21.85	155.49	-103.44	1,103.90	1,115.87	1,089.72	26.15	42.667		
790.00	789.74	758.74	758.74	4.57	24.96	155.59	-103.44	1,103.90	1,120.16	1,090.64	29.52	37.943		
800.00	799.73	768.73	768.73	4.60	25.30	152.46	-103.44	1,103.90	1,120.64	1,090.74	29.90	37.482		
900.00	899.50	868.50	868.50	4.92	28.76	131.49	-103.44	1,103.90	1,125.68	1,092.01	33.67	33.432		
1,000.00	999.05	968.05	968.05	5.26	32.22	121.57	-103.44	1,103.90	1,131.20	1,093.75	37.46	30.198		
1,077.14	1,075.61	1,044.61	1,044.61	5.53	34.88	117.29	-103.44	1,103.90	1,135.83	1,095.45	40.39	28.124		
1,100.00	1,098.26	1,067.26	1,067.26	5.61	35.66	117.42	-103.44	1,103.90	1,137.26	1,096.01	41.25	27.567		
1,200.00	1,197.35	1,166.35	1,166.35	5.98	39.11	118.02	-103.44	1,103.90	1,143.58	1,098.52	45.06	25.379		
1,300.00	1,296.44	1,265.44	1,265.44	6.35	42.56	118.61	-103.44	1,103.90	1,150.02	1,101.14	48.88	23.527		
1,400.00	1,395.52	1,364.52	1,364.52	6.73	46.01	119.19	-103.44	1,103.90	1,156.58	1,103.87	52.71	21.942		
1,500.00	1,494.61	1,463.61	1,463.61	7.12	49.46	119.77	-103.44	1,103.90	1,163.27	1,106.72	56.55	20.571		
1,600.00	1,593.70	1,562.70	1,562.70	7.52	52.91	120.34	-103.44	1,103.90	1,170.07	1,109.67	60.40	19.373		
1,700.00	1,692.78	1,661.78	1,661.78	7.93	56.36	120.90	-103.44	1,103.90	1,176.98	1,112.73	64.25	18.319		
1,800.00	1,791.87	1,760.87	1,760.87	8.33	59.82	121.46	-103.44	1,103.90	1,184.01	1,115.90	68.11	17.384		
1,900.00	1,890.95	1,859.95	1,859.95	8.75	63.27	122.01	-103.44	1,103.90	1,191.15	1,119.18	71.97	16.550		
2,000.00	1,990.04	1,959.04	1,959.04	9.16	66.73	122.55	-103.44	1,103.90	1,198.40	1,122.56	75.84	15.802		
2,100.00	2,089.13	2,058.13	2,058.13	9.58	70.18	123.09	-103.44	1,103.90	1,205.75	1,126.04	79.71	15.126		
2,200.00	2,188.21	2,157.21	2,157.21	10.01	73.64	123.62	-103.44	1,103.90	1,213.21	1,129.63	83.59	14.515		
2,300.00	2,287.30	2,256.30	2,256.30	10.43	77.09	124.14	-103.44	1,103.90	1,220.78	1,133.32	87.46	13.958		
2,400.00	2,386.39	2,355.39	2,355.39	10.86	80.55	124.66	-103.44	1,103.90	1,228.44	1,137.10	91.34	13.449		
2,500.00	2,485.47	2,454.47	2,454.47	11.29	84.00	125.17	-103.44	1,103.90	1,236.21	1,140.99	95.22	12.982		
2,600.00	2,584.56	2,553.56	2,553.56	11.72	87.46	125.67	-103.44	1,103.90	1,244.07	1,144.97	99.11	12.553		
2,700.00	2,683.65	2,652.65	2,652.65	12.15	90.92	126.17	-103.44	1,103.90	1,252.03	1,149.04	102.99	12.157		
2,800.00	2,782.73	2,751.73	2,751.73	12.58	94.37	126.66	-103.44	1,103.90	1,260.09	1,153.21	106.88	11.790		
2,900.00	2,881.82	2,850.82	2,850.82	13.02	97.83	127.15	-103.44	1,103.90	1,268.23	1,157.46	110.77	11.450		
3,000.00	2,980.91	2,949.91	2,949.91	13.45	101.29	127.63	-103.44	1,103.90	1,276.47	1,161.81	114.66	11.133		
3,100.00	3,079.99	3,048.99	3,048.99	13.89	104.75	128.10	-103.44	1,103.90	1,284.79	1,166.25	118.55	10.838		
3,200.00	3,179.08	3,148.08	3,148.08	14.33	108.20	128.57	-103.44	1,103.90	1,293.20	1,170.77	122.44	10.562		
3,300.00	3,278.17	3,247.17	3,247.17	14.76	111.66	129.03	-103.44	1,103.90	1,301.70	1,175.37	126.33	10.304		
3,400.00	3,377.25	3,346.25	3,346.25	15.20	115.12	129.49	-103.44	1,103.90	1,310.28	1,180.06	130.22	10.062		
3,500.00	3,476.34	3,445.34	3,445.34	15.64	118.58	129.94	-103.44	1,103.90	1,318.94	1,184.83	134.12	9.834		
3,600.00	3,575.43	3,544.43	3,544.43	16.08	122.03	130.38	-103.44	1,103.90	1,327.69	1,189.67	138.01	9.620		
3,700.00	3,674.51	3,643.51	3,643.51	16.53	125.49	130.82	-103.44	1,103.90	1,336.51	1,194.60	141.91	9.418		
3,800.00	3,773.60	3,742.60	3,742.60	16.97	128.95	131.25	-103.44	1,103.90	1,345.41	1,199.60	145.80	9.228		
3,900.00	3,872.69	3,841.69	3,841.69	17.41	132.41	131.68	-103.44	1,103.90	1,354.38	1,204.68	149.70	9.047		
4,000.00	3,971.77	3,940.77	3,940.77	17.85	135.87	132.10	-103.44	1,103.90	1,363.43	1,209.84	153.60	8.877		
4,100.00	4,070.86	4,039.86	4,039.86	18.29	139.32	132.51	-103.44	1,103.90	1,372.56	1,215.06	157.50	8.715		
4,200.00	4,169.95	4,138.95	4,138.95	18.74	142.78	132.92	-103.44	1,103.90	1,381.75	1,220.36	161.39	8.561		
4,300.00	4,269.03	4,238.03	4,238.03	19.18	146.24	133.33	-103.44	1,103.90	1,391.01	1,225.72	165.29	8.415		
4,400.00	4,368.12	4,337.12	4,337.12	19.63	149.70	133.73	-103.44	1,103.90	1,400.34	1,231.15	169.19	8.277		
4,500.00	4,467.21	4,436.21	4,436.21	20.07	153.16	134.12	-103.44	1,103.90	1,409.74	1,236.65	173.09	8.145		
4,600.00	4,566.29	4,535.29	4,535.29	20.52	156.62	134.51	-103.44	1,103.90	1,419.21	1,242.22	176.99	8.019		
4,700.00	4,665.38	4,634.38	4,634.38	20.96	160.07	134.90	-103.44	1,103.90	1,428.74	1,247.85	180.89	7.898		
4,800.00	4,764.47	4,733.47	4,733.47	21.41	163.53	135.27	-103.44	1,103.90	1,438.33	1,253.54	184.79	7.784		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALICE M. HOFFNER #1-22 - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
4,900.00	4,863.55	4,832.55	4,832.55	21.85	166.99	135.65	-103.44	1,103.90	1,447.99	1,259.30	188.69	7.674				
5,000.00	4,962.64	4,931.64	4,931.64	22.30	170.45	136.02	-103.44	1,103.90	1,457.70	1,265.11	192.59	7.569				
5,100.00	5,061.73	5,030.73	5,030.73	22.74	173.91	136.38	-103.44	1,103.90	1,467.48	1,270.99	196.49	7.468				
5,200.00	5,160.81	5,129.81	5,129.81	23.19	177.37	136.74	-103.44	1,103.90	1,477.31	1,276.92	200.40	7.372				
5,300.00	5,259.90	5,228.90	5,228.90	23.64	180.83	137.10	-103.44	1,103.90	1,487.20	1,282.91	204.30	7.280				
5,400.00	5,358.99	5,327.99	5,327.99	24.08	184.28	137.44	-103.44	1,103.90	1,497.15	1,288.95	208.20	7.191				
5,500.00	5,458.07	5,427.07	5,427.07	24.53	187.74	137.79	-103.44	1,103.90	1,507.15	1,295.05	212.10	7.106				
5,600.00	5,557.16	5,526.16	5,526.16	24.98	191.20	138.13	-103.44	1,103.90	1,517.21	1,301.21	216.01	7.024				
5,700.00	5,656.25	5,625.25	5,625.25	25.42	194.66	138.47	-103.44	1,103.90	1,527.32	1,307.41	219.91	6.945				
5,800.00	5,755.33	5,724.33	5,724.33	25.87	198.12	138.80	-103.44	1,103.90	1,537.48	1,313.67	223.81	6.870				
5,900.00	5,854.42	5,823.42	5,823.42	26.32	201.58	139.13	-103.44	1,103.90	1,547.69	1,319.98	227.71	6.797				
6,000.00	5,953.51	5,922.51	5,922.51	26.77	205.04	139.45	-103.44	1,103.90	1,557.95	1,326.34	231.62	6.726				
6,100.00	6,052.59	6,021.59	6,021.59	27.21	208.49	139.77	-103.44	1,103.90	1,568.26	1,332.74	235.52	6.659				
6,200.00	6,151.68	6,120.68	6,120.68	27.66	211.95	140.08	-103.44	1,103.90	1,578.62	1,339.20	239.42	6.593				
6,300.00	6,250.76	6,219.76	6,219.76	28.11	215.41	140.39	-103.44	1,103.90	1,589.03	1,345.70	243.33	6.530				
6,400.00	6,349.85	6,318.85	6,318.85	28.56	218.87	140.70	-103.44	1,103.90	1,599.48	1,352.25	247.23	6.470				
6,500.00	6,448.94	6,417.94	6,417.94	29.01	222.33	141.00	-103.44	1,103.90	1,609.98	1,358.84	251.14	6.411				
6,589.36	6,537.48	6,506.48	6,506.48	29.41	225.42	141.27	-103.44	1,103.90	1,619.39	1,364.77	254.63	6.360				
6,600.00	6,548.03	6,517.03	6,517.03	29.45	225.79	134.40	-103.44	1,103.90	1,620.44	1,365.40	255.04	6.354				
6,650.00	6,597.61	6,566.61	6,566.61	29.67	227.52	100.33	-103.44	1,103.90	1,623.33	1,366.34	256.99	6.317				
6,700.00	6,647.01	6,616.01	6,616.01	29.89	229.24	76.48	-103.44	1,103.90	1,622.89	1,363.96	258.93	6.268				
6,750.00	6,695.92	6,664.92	6,664.92	30.10	230.95	63.72	-103.44	1,103.90	1,619.13	1,358.29	260.84	6.207				
6,800.00	6,744.04	6,713.04	6,713.04	30.31	232.63	56.90	-103.44	1,103.90	1,612.12	1,349.40	262.72	6.136				
6,850.00	6,791.07	6,760.07	6,760.07	30.51	234.27	53.17	-103.44	1,103.90	1,601.95	1,337.40	264.55	6.055				
6,900.00	6,836.72	6,805.72	6,805.72	30.71	235.87	51.26	-103.44	1,103.90	1,588.72	1,322.39	266.33	5.965				
6,950.00	6,880.71	6,849.71	6,849.71	30.90	237.40	50.53	-103.44	1,103.90	1,572.58	1,304.54	268.03	5.867				
7,000.00	6,922.77	6,908.24	6,891.77	31.08	239.44	50.69	-103.44	1,103.90	1,553.68	1,283.44	270.24	5.749				
7,050.00	6,962.63	6,931.63	6,931.63	31.27	240.26	51.55	-103.44	1,103.90	1,532.22	1,261.00	271.22	5.649				
7,100.00	7,000.07	6,969.07	6,969.07	31.44	241.57	53.03	-103.44	1,103.90	1,508.39	1,235.72	272.67	5.532				
7,150.00	7,034.83	7,003.83	7,003.83	31.62	242.78	55.06	-103.44	1,103.90	1,482.44	1,208.41	274.03	5.410				
7,200.00	7,066.72	7,035.72	7,035.72	31.79	243.89	57.61	-103.44	1,103.90	1,454.61	1,179.33	275.28	5.284				
7,250.00	7,095.52	7,064.52	7,064.52	31.96	244.90	60.63	-103.44	1,103.90	1,425.17	1,148.74	276.43	5.156				
7,300.00	7,121.07	7,109.93	7,090.07	32.13	246.48	64.08	-103.44	1,103.90	1,394.39	1,116.24	278.15	5.013				
7,350.00	7,143.21	7,112.21	7,112.21	32.30	246.56	67.88	-103.44	1,103.90	1,362.58	1,084.20	278.38	4.895				
7,400.00	7,161.80	7,130.80	7,130.80	32.47	247.21	71.95	-103.44	1,103.90	1,330.03	1,050.85	279.17	4.764				
7,450.00	7,176.72	7,145.72	7,145.72	32.64	247.73	76.18	-103.44	1,103.90	1,297.05	1,017.20	279.85	4.635				
7,500.00	7,187.89	7,156.89	7,156.89	32.82	248.12	80.44	-103.44	1,103.90	1,263.95	983.54	280.40	4.508				
7,550.00	7,195.23	7,164.23	7,164.23	32.99	248.38	84.59	-103.44	1,103.90	1,231.03	950.20	280.83	4.383				
7,600.00	7,198.70	7,167.70	7,167.70	33.17	248.50	88.53	-103.44	1,103.90	1,198.60	917.46	281.14	4.263				
7,622.60	7,199.00	7,168.00	7,168.00	33.25	248.51	90.22	-103.44	1,103.90	1,184.18	902.94	281.24	4.211				
7,700.00	7,198.64	7,167.64	7,167.64	33.54	248.50	90.20	-103.44	1,103.90	1,136.65	855.10	281.56	4.037				
7,800.00	7,198.17	7,167.17	7,167.17	33.98	248.48	90.17	-103.44	1,103.90	1,080.38	798.33	282.04	3.831				
7,900.00	7,197.71	7,166.71	7,166.71	34.47	248.47	90.14	-103.44	1,103.90	1,030.75	748.13	282.62	3.647				
8,000.00	7,197.24	7,166.24	7,166.24	35.03	248.45	90.11	-103.44	1,103.90	988.78	705.51	283.27	3.491				
8,100.00	7,196.78	7,165.78	7,165.78	35.64	248.43	90.08	-103.44	1,103.90	955.47	671.49	283.98	3.365				
8,200.00	7,196.31	7,165.31	7,165.31	36.30	248.42	90.05	-103.44	1,103.90	931.74	647.04	284.70	3.273				
8,300.00	7,195.85	7,164.85	7,164.85	37.01	248.40	90.02	-103.44	1,103.90	918.36	632.96	285.40	3.218				
8,373.84	7,195.51	7,164.51	7,164.51	37.57	248.39	90.00	-103.44	1,103.90	915.38	629.51	285.87	3.202 CC, ES				
8,400.00	7,195.38	7,164.38	7,164.38	37.77	248.39	89.99	-103.44	1,103.90	915.76	629.74	286.02	3.202 SF				
8,500.00	7,194.92	7,163.92	7,163.92	38.57	248.37	89.96	-103.44	1,103.90	924.04	637.52	286.52	3.225				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,194.46	7,163.46	7,163.46	39.41	248.35	89.93	-103.44	1,103.90	942.91	656.03	286.88	3.287		
8,700.00	7,193.99	7,162.99	7,162.99	40.30	248.34	89.91	-103.44	1,103.90	971.75	684.65	287.10	3.385		
8,800.00	7,193.53	7,162.53	7,162.53	41.22	248.32	89.88	-103.44	1,103.90	1,009.72	722.54	287.19	3.516		
8,900.00	7,193.06	7,162.06	7,162.06	42.17	248.30	89.85	-103.44	1,103.90	1,055.83	768.66	287.16	3.677		
9,000.00	7,192.60	7,161.60	7,161.60	43.16	248.29	89.82	-103.44	1,103.90	1,109.05	821.99	287.06	3.863		
9,100.00	7,192.13	7,161.13	7,161.13	44.17	248.27	89.79	-103.44	1,103.90	1,168.43	881.53	286.90	4.073		
9,200.00	7,191.67	7,160.67	7,160.67	45.22	248.26	89.76	-103.44	1,103.90	1,233.07	946.37	286.70	4.301		
9,300.00	7,191.20	7,160.20	7,160.20	46.29	248.24	89.73	-103.44	1,103.90	1,302.18	1,015.70	286.49	4.545		
9,400.00	7,190.74	7,159.74	7,159.74	47.38	248.22	89.70	-103.44	1,103.90	1,375.10	1,088.84	286.26	4.804		
9,500.00	7,190.27	7,159.27	7,159.27	48.50	248.21	89.67	-103.44	1,103.90	1,451.25	1,165.21	286.04	5.074		
9,600.00	7,189.81	7,158.81	7,158.81	49.64	248.19	89.64	-103.44	1,103.90	1,530.15	1,244.32	285.83	5.353		
9,700.00	7,189.34	7,158.34	7,158.34	50.80	248.17	89.61	-103.44	1,103.90	1,611.39	1,325.77	285.62	5.642		
9,800.00	7,188.88	7,157.88	7,157.88	51.98	248.16	89.59	-103.44	1,103.90	1,694.64	1,409.21	285.43	5.937		
9,900.00	7,188.41	7,157.41	7,157.41	53.17	248.14	89.56	-103.44	1,103.90	1,779.62	1,494.37	285.25	6.239		
10,000.00	7,187.95	7,156.95	7,156.95	54.38	248.13	89.53	-103.44	1,103.90	1,866.08	1,581.00	285.09	6.546		
10,100.00	7,187.49	7,156.49	7,156.49	55.61	248.11	89.50	-103.44	1,103.90	1,953.84	1,668.91	284.93	6.857		
10,200.00	7,187.02	7,156.02	7,156.02	56.85	248.09	89.47	-103.44	1,103.90	2,042.72	1,757.93	284.79	7.173		
10,300.00	7,186.56	7,155.56	7,155.56	58.10	248.08	89.44	-103.44	1,103.90	2,132.59	1,847.93	284.66	7.492		
10,400.00	7,186.09	7,155.09	7,155.09	59.37	248.06	89.41	-103.44	1,103.90	2,223.32	1,938.78	284.54	7.814		
10,500.00	7,185.63	7,154.63	7,154.63	60.64	248.04	89.38	-103.44	1,103.90	2,314.82	2,030.38	284.44	8.138		
10,600.00	7,185.16	7,154.16	7,154.16	61.93	248.03	89.35	-103.44	1,103.90	2,406.99	2,122.65	284.34	8.465		
10,700.00	7,184.70	7,153.70	7,153.70	63.23	248.01	89.32	-103.44	1,103.90	2,499.77	2,215.52	284.25	8.794		
10,800.00	7,184.23	7,153.23	7,153.23	64.54	248.00	89.29	-103.44	1,103.90	2,593.08	2,308.91	284.17	9.125		
10,900.00	7,183.77	7,152.77	7,152.77	65.85	247.98	89.27	-103.44	1,103.90	2,686.87	2,402.77	284.10	9.458		
11,000.00	7,183.30	7,152.30	7,152.30	67.18	247.96	89.24	-103.44	1,103.90	2,781.10	2,497.06	284.03	9.792		
11,100.00	7,182.84	7,151.84	7,151.84	68.51	247.95	89.21	-103.44	1,103.90	2,875.71	2,591.74	283.97	10.127		
11,200.00	7,182.37	7,151.37	7,151.37	69.85	247.93	89.18	-103.44	1,103.90	2,970.68	2,686.76	283.92	10.463		
11,300.00	7,181.91	7,150.91	7,150.91	71.20	247.91	89.15	-103.44	1,103.90	3,065.97	2,782.09	283.87	10.800		
11,400.00	7,181.45	7,150.45	7,150.45	72.56	247.90	89.12	-103.44	1,103.90	3,161.55	2,877.71	283.83	11.139		
11,500.00	7,180.98	7,149.98	7,149.98	73.92	247.88	89.09	-103.44	1,103.90	3,257.39	2,973.60	283.80	11.478		
11,600.00	7,180.52	7,149.52	7,149.52	75.29	247.87	89.06	-103.44	1,103.90	3,353.48	3,069.71	283.76	11.818		
11,700.00	7,180.05	7,149.05	7,149.05	76.66	247.85	89.03	-103.44	1,103.90	3,449.79	3,166.05	283.74	12.158		
11,800.00	7,179.59	7,148.59	7,148.59	78.04	247.83	89.00	-103.44	1,103.90	3,546.30	3,262.59	283.71	12.500		
11,900.00	7,179.12	7,148.12	7,148.12	79.42	247.82	88.97	-103.44	1,103.90	3,643.00	3,359.31	283.69	12.841		
12,000.00	7,178.66	7,147.66	7,147.66	80.81	247.80	88.95	-103.44	1,103.90	3,739.88	3,456.20	283.68	13.183		
12,100.00	7,178.19	7,147.19	7,147.19	82.20	247.79	88.92	-103.44	1,103.90	3,836.91	3,553.24	283.67	13.526		
12,200.00	7,177.73	7,146.73	7,146.73	83.60	247.77	88.89	-103.44	1,103.90	3,934.10	3,650.44	283.66	13.869		
12,300.00	7,177.26	7,146.26	7,146.26	85.00	247.75	88.86	-103.44	1,103.90	4,031.42	3,747.76	283.65	14.212		
12,400.00	7,176.80	7,145.80	7,145.80	86.41	247.74	88.83	-103.44	1,103.90	4,128.87	3,845.21	283.65	14.556		
12,500.00	7,176.33	7,145.33	7,145.33	87.82	247.72	88.80	-103.44	1,103.90	4,226.44	3,942.78	283.65	14.900		
12,600.00	7,175.87	7,144.87	7,144.87	89.23	247.70	88.77	-103.44	1,103.90	4,324.11	4,040.46	283.66	15.244		
12,700.00	7,175.40	7,144.40	7,144.40	90.65	247.69	88.74	-103.44	1,103.90	4,421.90	4,138.24	283.66	15.589		
12,800.00	7,174.94	7,143.94	7,143.94	92.07	247.67	88.71	-103.44	1,103.90	4,519.78	4,236.11	283.67	15.933		
12,900.00	7,174.48	7,143.48	7,143.48	93.49	247.66	88.68	-103.44	1,103.90	4,617.75	4,334.07	283.68	16.278		
13,000.00	7,174.01	7,143.01	7,143.01	94.91	247.64	88.65	-103.44	1,103.90	4,715.81	4,432.11	283.70	16.623		
13,100.00	7,173.55	7,142.55	7,142.55	96.34	247.62	88.63	-103.44	1,103.90	4,813.94	4,530.23	283.71	16.968		
13,200.00	7,173.08	7,142.08	7,142.08	97.77	247.61	88.60	-103.44	1,103.90	4,912.15	4,628.42	283.73	17.313		
13,300.00	7,172.62	7,141.62	7,141.62	99.21	247.59	88.57	-103.44	1,103.90	5,010.43	4,726.69	283.75	17.658		
13,400.00	7,172.15	7,141.15	7,141.15	100.64	247.57	88.54	-103.44	1,103.90	5,108.78	4,825.01	283.77	18.003		
13,500.00	7,171.69	7,140.69	7,140.69	102.08	247.56	88.51	-103.44	1,103.90	5,207.19	4,923.40	283.79	18.348		
13,600.00	7,171.22	7,140.22	7,140.22	103.52	247.54	88.48	-103.44	1,103.90	5,305.67	5,021.85	283.82	18.694		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALICE M. HOFFNER #1-22 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
13,700.00	7,170.76	7,139.76	7,139.76	104.97	247.53	88.45	-103.44	1,103.90	5,404.19	5,120.35	283.85	19.039					
13,800.00	7,170.29	7,139.29	7,139.29	106.41	247.51	88.42	-103.44	1,103.90	5,502.77	5,218.90	283.88	19.384					
13,900.00	7,169.83	7,138.83	7,138.83	107.86	247.49	88.39	-103.44	1,103.90	5,601.40	5,317.50	283.91	19.730					
14,000.00	7,169.36	7,138.36	7,138.36	109.31	247.48	88.36	-103.44	1,103.90	5,700.08	5,416.14	283.94	20.075					
14,100.00	7,168.90	7,137.90	7,137.90	110.76	247.46	88.34	-103.44	1,103.90	5,798.80	5,514.83	283.97	20.420					
14,200.00	7,168.44	7,137.44	7,137.44	112.21	247.44	88.31	-103.44	1,103.90	5,897.57	5,613.56	284.01	20.765					
14,300.00	7,167.97	7,136.97	7,136.97	113.67	247.43	88.28	-103.44	1,103.90	5,996.38	5,712.33	284.05	21.111					
14,400.00	7,167.51	7,136.51	7,136.51	115.12	247.41	88.25	-103.44	1,103.90	6,095.22	5,811.14	284.09	21.456					
14,500.00	7,167.04	7,136.04	7,136.04	116.58	247.40	88.22	-103.44	1,103.90	6,194.11	5,909.98	284.13	21.801					
14,600.00	7,166.58	7,135.58	7,135.58	118.04	247.38	88.19	-103.44	1,103.90	6,293.02	6,008.86	284.17	22.145					
14,700.00	7,166.11	7,135.11	7,135.11	119.50	247.36	88.16	-103.44	1,103.90	6,391.98	6,107.77	284.21	22.490					
14,800.00	7,165.65	7,134.65	7,134.65	120.97	247.35	88.13	-103.44	1,103.90	6,490.96	6,206.71	284.26	22.835					
14,900.00	7,165.18	7,134.18	7,134.18	122.43	247.33	88.10	-103.44	1,103.90	6,589.98	6,305.67	284.30	23.180					
15,000.00	7,164.72	7,133.72	7,133.72	123.90	247.31	88.07	-103.44	1,103.90	6,689.02	6,404.67	284.35	23.524					
15,100.00	7,164.25	7,133.25	7,133.25	125.36	247.30	88.04	-103.44	1,103.90	6,788.09	6,503.69	284.40	23.868					
15,200.00	7,163.79	7,132.79	7,132.79	126.83	247.28	88.02	-103.44	1,103.90	6,887.19	6,602.74	284.45	24.213					
15,300.00	7,163.32	7,132.32	7,132.32	128.30	247.27	87.99	-103.44	1,103.90	6,986.31	6,701.82	284.50	24.557					
15,400.00	7,162.86	7,131.86	7,131.86	129.77	247.25	87.96	-103.44	1,103.90	7,085.46	6,800.91	284.55	24.901					
15,500.00	7,162.39	7,131.39	7,131.39	131.24	247.23	87.93	-103.44	1,103.90	7,184.64	6,900.03	284.60	25.244					
15,600.00	7,161.93	7,130.93	7,130.93	132.71	247.22	87.90	-103.44	1,103.90	7,283.83	6,999.17	284.66	25.588					
15,700.00	7,161.47	7,130.47	7,130.47	134.19	247.20	87.87	-103.44	1,103.90	7,383.05	7,098.33	284.71	25.932					
15,800.00	7,161.00	7,130.00	7,130.00	135.66	247.19	87.84	-103.44	1,103.90	7,482.28	7,197.52	284.77	26.275					
15,900.00	7,160.54	7,129.54	7,129.54	137.14	247.17	87.81	-103.44	1,103.90	7,581.54	7,296.72	284.83	26.618					
16,000.00	7,160.07	7,129.07	7,129.07	138.61	247.15	87.78	-103.44	1,103.90	7,680.82	7,395.93	284.89	26.961					
16,100.00	7,159.61	7,128.61	7,128.61	140.09	247.14	87.75	-103.44	1,103.90	7,780.11	7,495.17	284.95	27.304					
16,200.00	7,159.14	7,128.14	7,128.14	141.57	247.12	87.73	-103.44	1,103.90	7,879.43	7,594.42	285.01	27.646					
16,300.00	7,158.68	7,127.68	7,127.68	143.05	247.10	87.70	-103.44	1,103.90	7,978.76	7,693.69	285.07	27.989					
16,400.00	7,158.21	7,127.21	7,127.21	144.53	247.09	87.67	-103.44	1,103.90	8,078.10	7,792.97	285.13	28.331					
16,500.00	7,157.75	7,126.75	7,126.75	146.01	247.07	87.64	-103.44	1,103.90	8,177.47	7,892.27	285.20	28.673					
16,600.00	7,157.28	7,126.28	7,126.28	147.49	247.06	87.61	-103.44	1,103.90	8,276.85	7,991.58	285.26	29.015					
16,700.00	7,156.82	7,125.82	7,125.82	148.97	247.04	87.58	-103.44	1,103.90	8,376.24	8,090.91	285.33	29.357					
16,800.00	7,156.35	7,125.35	7,125.35	150.45	247.02	87.55	-103.44	1,103.90	8,475.65	8,190.25	285.39	29.698					
16,900.00	7,155.89	7,124.89	7,124.89	151.94	247.01	87.52	-103.44	1,103.90	8,575.07	8,289.60	285.46	30.039					
17,000.00	7,155.43	7,124.43	7,124.43	153.42	246.99	87.49	-103.44	1,103.90	8,674.50	8,388.97	285.53	30.380					
17,100.00	7,154.96	7,123.96	7,123.96	154.90	246.97	87.46	-103.44	1,103.90	8,773.95	8,488.35	285.60	30.721					
17,200.00	7,154.50	7,123.50	7,123.50	156.39	246.96	87.43	-103.44	1,103.90	8,873.41	8,587.74	285.67	31.062					
17,300.00	7,154.03	7,123.03	7,123.03	157.88	246.94	87.41	-103.44	1,103.90	8,972.88	8,687.13	285.74	31.402					
17,400.00	7,153.57	7,122.57	7,122.57	159.36	246.93	87.38	-103.44	1,103.90	9,072.36	8,786.55	285.82	31.742					
17,500.00	7,153.10	7,122.10	7,122.10	160.85	246.91	87.35	-103.44	1,103.90	9,171.86	8,885.97	285.89	32.082					
17,600.00	7,152.64	7,121.64	7,121.64	162.34	246.89	87.32	-103.44	1,103.90	9,271.36	8,985.40	285.96	32.422					
17,700.00	7,152.17	7,121.17	7,121.17	163.83	246.88	87.29	-103.44	1,103.90	9,370.88	9,084.84	286.04	32.761					
17,737.15	7,152.00	7,121.00	7,121.00	164.38	246.87	87.28	-103.44	1,103.90	9,407.85	9,121.78	286.07	32.887					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALLES #1-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth Depth (ft)	Vertical Depth (ft)	Measured Depth Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
0.00	0.00	0.00	0.00	3.28	3.28	80.86	1,208.08	7,511.00	7,607.58								
100.00	100.00	73.00	73.00	3.28	3.52	80.86	1,208.08	7,511.00	7,607.53	7,600.73	6.80	1,118.268					
200.00	200.00	173.00	173.00	3.34	5.40	80.86	1,208.08	7,511.00	7,607.53	7,598.79	8.74	870.588					
300.00	300.00	273.00	273.00	3.44	8.45	80.86	1,208.08	7,511.00	7,607.53	7,595.64	11.89	639.866					
400.00	400.00	373.00	373.00	3.60	11.74	80.86	1,208.08	7,511.00	7,607.53	7,592.19	15.34	495.860					
500.00	499.99	472.99	472.99	3.80	15.13	140.86	1,208.08	7,511.00	7,608.21	7,589.28	18.92	402.027					
600.00	599.96	572.96	572.96	4.03	18.55	140.86	1,208.08	7,511.00	7,610.24	7,587.66	22.58	337.007					
700.00	699.86	672.86	672.86	4.30	21.99	140.86	1,208.08	7,511.00	7,613.62	7,587.33	26.29	289.597					
790.00	789.74	762.74	762.74	4.57	25.10	140.88	1,208.08	7,511.00	7,617.28	7,587.62	29.66	256.818					
800.00	799.73	772.73	772.73	4.60	25.44	137.74	1,208.08	7,511.00	7,617.68	7,587.65	30.04	253.617					
900.00	899.50	872.50	872.50	4.92	28.90	116.62	1,208.08	7,511.00	7,621.48	7,587.67	33.81	225.428					
1,000.00	999.05	972.05	972.05	5.26	32.36	106.42	1,208.08	7,511.00	7,624.83	7,587.23	37.60	202.805					
1,077.14	1,075.61	1,048.61	1,048.61	5.53	35.02	101.84	1,208.08	7,511.00	7,627.11	7,586.59	40.52	188.215					
1,100.00	1,098.26	1,071.26	1,071.26	5.61	35.80	101.87	1,208.08	7,511.00	7,627.75	7,586.36	41.39	184.284					
1,200.00	1,197.35	1,170.35	1,170.35	5.98	39.25	101.97	1,208.08	7,511.00	7,630.56	7,585.36	45.20	168.827					
1,300.00	1,296.44	1,269.44	1,269.44	6.35	42.70	102.06	1,208.08	7,511.00	7,633.39	7,584.37	49.02	155.729					
1,400.00	1,395.52	1,368.52	1,368.52	6.73	46.15	102.16	1,208.08	7,511.00	7,636.24	7,583.39	52.85	144.495					
1,500.00	1,494.61	1,467.61	1,467.61	7.12	49.60	102.26	1,208.08	7,511.00	7,639.12	7,582.43	56.69	134.759					
1,600.00	1,593.70	1,566.70	1,566.70	7.52	53.05	102.36	1,208.08	7,511.00	7,642.02	7,581.49	60.53	126.242					
1,700.00	1,692.78	1,665.78	1,665.78	7.93	56.50	102.46	1,208.08	7,511.00	7,644.94	7,580.55	64.39	118.732					
1,800.00	1,791.87	1,764.87	1,764.87	8.33	59.96	102.55	1,208.08	7,511.00	7,647.89	7,579.64	68.25	112.062					
1,900.00	1,890.95	1,863.95	1,863.95	8.75	63.41	102.65	1,208.08	7,511.00	7,650.86	7,578.74	72.11	106.098					
2,000.00	1,990.04	1,963.04	1,963.04	9.16	66.86	102.75	1,208.08	7,511.00	7,653.85	7,577.87	75.98	100.737					
2,100.00	2,089.13	2,062.13	2,062.13	9.58	70.32	102.85	1,208.08	7,511.00	7,656.86	7,577.01	79.85	95.890					
2,200.00	2,188.21	2,161.21	2,161.21	10.01	73.78	102.94	1,208.08	7,511.00	7,659.89	7,576.17	83.72	91.489					
2,300.00	2,287.30	2,260.30	2,260.30	10.43	77.23	103.04	1,208.08	7,511.00	7,662.95	7,575.35	87.60	87.475					
2,400.00	2,386.39	2,359.39	2,359.39	10.86	80.69	103.14	1,208.08	7,511.00	7,666.03	7,574.55	91.48	83.799					
2,500.00	2,485.47	2,458.47	2,458.47	11.29	84.14	103.24	1,208.08	7,511.00	7,669.14	7,573.77	95.36	80.421					
2,600.00	2,584.56	2,557.56	2,557.56	11.72	87.60	103.33	1,208.08	7,511.00	7,672.26	7,573.02	99.25	77.306					
2,700.00	2,683.65	2,656.65	2,656.65	12.15	91.06	103.43	1,208.08	7,511.00	7,675.41	7,572.28	103.13	74.424					
2,800.00	2,782.73	2,755.73	2,755.73	12.58	94.51	103.53	1,208.08	7,511.00	7,678.58	7,571.56	107.02	71.751					
2,900.00	2,881.82	2,854.82	2,854.82	13.02	97.97	103.62	1,208.08	7,511.00	7,681.77	7,570.87	110.90	69.264					
3,000.00	2,980.91	2,953.91	2,953.91	13.45	101.43	103.72	1,208.08	7,511.00	7,684.99	7,570.19	114.79	66.946					
3,100.00	3,079.99	3,052.99	3,052.99	13.89	104.89	103.82	1,208.08	7,511.00	7,688.23	7,569.54	118.68	64.779					
3,200.00	3,179.08	3,152.08	3,152.08	14.33	108.34	103.91	1,208.08	7,511.00	7,691.49	7,568.91	122.58	62.749					
3,300.00	3,278.17	3,251.17	3,251.17	14.76	111.80	104.01	1,208.08	7,511.00	7,694.77	7,568.30	126.47	60.844					
3,400.00	3,377.25	3,350.25	3,350.25	15.20	115.26	104.11	1,208.08	7,511.00	7,698.07	7,567.71	130.36	59.052					
3,500.00	3,476.34	3,449.34	3,449.34	15.64	118.72	104.20	1,208.08	7,511.00	7,701.40	7,567.14	134.25	57.365					
3,600.00	3,575.43	3,548.43	3,548.43	16.08	122.17	104.30	1,208.08	7,511.00	7,704.75	7,566.60	138.15	55.772					
3,700.00	3,674.51	3,647.51	3,647.51	16.53	125.63	104.40	1,208.08	7,511.00	7,708.12	7,566.07	142.04	54.266					
3,800.00	3,773.60	3,746.60	3,746.60	16.97	129.09	104.49	1,208.08	7,511.00	7,711.51	7,565.57	145.94	52.841					
3,900.00	3,872.69	3,845.69	3,845.69	17.41	132.55	104.59	1,208.08	7,511.00	7,714.93	7,565.09	149.83	51.490					
4,000.00	3,971.77	3,944.77	3,944.77	17.85	136.01	104.68	1,208.08	7,511.00	7,718.36	7,564.63	153.73	50.207					
4,100.00	4,070.86	4,043.86	4,043.86	18.29	139.46	104.78	1,208.08	7,511.00	7,721.82	7,564.19	157.63	48.988					
4,200.00	4,169.95	4,142.95	4,142.95	18.74	142.92	104.88	1,208.08	7,511.00	7,725.30	7,563.78	161.53	47.827					
4,300.00	4,269.03	4,242.03	4,242.03	19.18	146.38	104.97	1,208.08	7,511.00	7,728.81	7,563.38	165.42	46.721					
4,400.00	4,368.12	4,341.12	4,341.12	19.63	149.84	105.07	1,208.08	7,511.00	7,732.33	7,563.01	169.32	45.667					
4,500.00	4,467.21	4,440.21	4,440.21	20.07	153.30	105.16	1,208.08	7,511.00	7,735.88	7,562.66	173.22	44.659					
4,600.00	4,566.29	4,539.29	4,539.29	20.52	156.76	105.26	1,208.08	7,511.00	7,739.45	7,562.33	177.12	43.696					
4,700.00	4,665.38	4,638.38	4,638.38	20.96	160.21	105.35	1,208.08	7,511.00	7,743.04	7,562.02	181.02	42.775					
4,800.00	4,764.47	4,737.47	4,737.47	21.41	163.67	105.45	1,208.08	7,511.00	7,746.65	7,561.73	184.92	41.892					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - ALLES #1-23 - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,863.55	4,836.55	4,836.55	21.85	167.13	105.55	1,208.08	7,511.00	7,750.28	7,561.46	188.82	41.046		
5,000.00	4,962.64	4,935.64	4,935.64	22.30	170.59	105.64	1,208.08	7,511.00	7,753.94	7,561.22	192.72	40.235		
5,100.00	5,061.73	5,034.73	5,034.73	22.74	174.05	105.74	1,208.08	7,511.00	7,757.62	7,561.00	196.62	39.455		
5,200.00	5,160.81	5,133.81	5,133.81	23.19	177.51	105.83	1,208.08	7,511.00	7,761.31	7,560.80	200.52	38.706		
5,300.00	5,259.90	5,232.90	5,232.90	23.64	180.97	105.93	1,208.08	7,511.00	7,765.04	7,560.62	204.42	37.986		
5,400.00	5,358.99	5,331.99	5,331.99	24.08	184.42	106.02	1,208.08	7,511.00	7,768.78	7,560.46	208.32	37.293		
5,500.00	5,458.07	5,431.07	5,431.07	24.53	187.88	106.12	1,208.08	7,511.00	7,772.54	7,560.32	212.22	36.625		
5,600.00	5,557.16	5,530.16	5,530.16	24.98	191.34	106.21	1,208.08	7,511.00	7,776.33	7,560.21	216.12	35.981		
5,700.00	5,656.25	5,629.25	5,629.25	25.42	194.80	106.30	1,208.08	7,511.00	7,780.13	7,560.11	220.02	35.361		
5,800.00	5,755.33	5,728.33	5,728.33	25.87	198.26	106.40	1,208.08	7,511.00	7,783.96	7,560.04	223.92	34.762		
5,900.00	5,854.42	5,827.42	5,827.42	26.32	201.72	106.49	1,208.08	7,511.00	7,787.81	7,559.99	227.83	34.183		
6,000.00	5,953.51	5,926.51	5,926.51	26.77	205.18	106.59	1,208.08	7,511.00	7,791.68	7,559.96	231.73	33.624		
6,100.00	6,052.59	6,025.59	6,025.59	27.21	208.63	106.68	1,208.08	7,511.00	7,795.58	7,559.95	235.63	33.084		
6,200.00	6,151.68	6,124.68	6,124.68	27.66	212.09	106.78	1,208.08	7,511.00	7,799.49	7,559.96	239.53	32.561		
6,300.00	6,250.76	6,223.76	6,223.76	28.11	215.55	106.87	1,208.08	7,511.00	7,803.43	7,559.99	243.43	32.056		
6,400.00	6,349.85	6,322.85	6,322.85	28.56	219.01	106.96	1,208.08	7,511.00	7,807.38	7,560.05	247.34	31.566		
6,500.00	6,448.94	6,421.94	6,421.94	29.01	222.47	107.06	1,208.08	7,511.00	7,811.36	7,560.12	251.24	31.091		
6,589.36	6,537.48	6,510.48	6,510.48	29.41	225.56	107.14	1,208.08	7,511.00	7,814.94	7,560.21	254.73	30.680		
6,600.00	6,548.03	6,521.03	6,521.03	29.45	225.93	100.29	1,208.08	7,511.00	7,815.27	7,560.13	255.14	30.631		
6,650.00	6,597.61	6,570.61	6,570.61	29.67	227.66	66.20	1,208.08	7,511.00	7,814.49	7,557.40	257.09	30.396		
6,700.00	6,647.01	6,620.01	6,620.01	29.89	229.38	42.08	1,208.08	7,511.00	7,809.79	7,550.77	259.03	30.150		
6,750.00	6,695.92	6,668.92	6,668.92	30.10	231.09	28.81	1,208.08	7,511.00	7,801.22	7,540.28	260.94	29.897		
6,800.00	6,744.04	6,717.04	6,717.04	30.31	232.77	21.22	1,208.08	7,511.00	7,788.82	7,526.00	262.81	29.636		
6,850.00	6,791.07	6,764.07	6,764.07	30.51	234.41	16.47	1,208.08	7,511.00	7,772.67	7,508.02	264.64	29.371		
6,900.00	6,836.72	6,809.72	6,809.72	30.71	236.00	13.24	1,208.08	7,511.00	7,752.86	7,486.45	266.41	29.101		
6,950.00	6,880.71	6,853.71	6,853.71	30.90	237.54	10.90	1,208.08	7,511.00	7,729.52	7,461.42	268.11	28.830		
7,000.00	6,922.77	6,904.24	6,895.77	31.08	239.30	9.11	1,208.08	7,511.00	7,702.80	7,432.78	270.02	28.527		
7,050.00	6,962.63	6,935.63	6,935.63	31.27	240.40	7.68	1,208.08	7,511.00	7,672.85	7,401.60	271.25	28.287		
7,100.00	7,000.07	6,973.07	6,973.07	31.44	241.71	6.46	1,208.08	7,511.00	7,639.86	7,367.19	272.68	28.018		
7,150.00	7,034.83	7,007.83	7,007.83	31.62	242.92	5.38	1,208.08	7,511.00	7,604.04	7,330.04	274.00	27.752		
7,200.00	7,066.72	7,039.72	7,039.72	31.79	244.03	4.36	1,208.08	7,511.00	7,565.60	7,290.39	275.20	27.491		
7,250.00	7,095.52	7,068.52	7,068.52	31.96	245.04	3.33	1,208.08	7,511.00	7,524.78	7,248.49	276.29	27.235		
7,300.00	7,121.07	7,105.93	7,094.07	32.13	246.34	2.20	1,208.08	7,511.00	7,481.82	7,204.17	277.66	26.946		
7,350.00	7,143.21	7,116.21	7,116.21	32.30	246.70	0.85	1,208.08	7,511.00	7,437.01	7,158.94	278.07	26.745		
7,400.00	7,161.80	7,134.80	7,134.80	32.47	247.35	-0.94	1,208.08	7,511.00	7,390.61	7,111.85	278.75	26.513		
7,450.00	7,176.72	7,149.72	7,149.72	32.64	247.87	-3.61	1,208.08	7,511.00	7,342.90	7,063.60	279.30	26.290		
7,500.00	7,187.89	7,160.89	7,160.89	32.82	248.26	-8.31	1,208.08	7,511.00	7,294.19	7,014.48	279.71	26.078		
7,550.00	7,195.23	7,168.23	7,168.23	32.99	248.52	-19.09	1,208.08	7,511.00	7,244.77	6,964.80	279.97	25.876		
7,600.00	7,198.70	7,171.70	7,171.70	33.17	248.64	-57.38	1,208.08	7,511.00	7,194.95	6,914.85	280.10	25.687		
7,622.60	7,199.00	7,172.00	7,172.00	33.25	248.65	-95.07	1,208.08	7,511.00	7,172.38	6,892.27	280.11	25.606		
7,700.00	7,198.64	7,171.64	7,171.64	33.54	248.64	-95.01	1,208.08	7,511.00	7,095.09	6,814.99	280.10	25.331		
7,800.00	7,198.17	7,171.17	7,171.17	33.98	248.62	-94.94	1,208.08	7,511.00	6,995.23	6,715.15	280.08	24.976		
7,900.00	7,197.71	7,170.71	7,170.71	34.47	248.61	-94.87	1,208.08	7,511.00	6,895.38	6,615.32	280.06	24.621		
8,000.00	7,197.24	7,170.24	7,170.24	35.03	248.59	-94.80	1,208.08	7,511.00	6,795.53	6,515.48	280.05	24.266		
8,100.00	7,196.78	7,169.78	7,169.78	35.64	248.57	-94.73	1,208.08	7,511.00	6,695.69	6,415.65	280.04	23.910		
8,200.00	7,196.31	7,169.31	7,169.31	36.30	248.56	-94.66	1,208.08	7,511.00	6,595.85	6,315.82	280.02	23.555		
8,300.00	7,195.85	7,168.85	7,168.85	37.01	248.54	-94.59	1,208.08	7,511.00	6,496.01	6,216.00	280.01	23.199		
8,400.00	7,195.38	7,168.38	7,168.38	37.77	248.52	-94.52	1,208.08	7,511.00	6,396.18	6,116.18	280.00	22.843		
8,500.00	7,194.92	7,167.92	7,167.92	38.57	248.51	-94.45	1,208.08	7,511.00	6,296.36	6,016.37	279.99	22.487		
8,600.00	7,194.46	7,167.46	7,167.46	39.41	248.49	-94.38	1,208.08	7,511.00	6,196.54	5,916.55	279.99	22.131		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALLES #1-23 - OH - OH		Offset Site Error: 0.00 ft	
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error: 3.28 ft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor				
8,700.00	7,193.99	7,166.99	7,166.99	40.30	248.48	-94.31	1,208.08	7,511.00	6,096.73	5,816.75	279.98	21.775				
8,800.00	7,193.53	7,166.53	7,166.53	41.22	248.46	-94.24	1,208.08	7,511.00	5,996.92	5,716.95	279.98	21.419				
8,900.00	7,193.06	7,166.06	7,166.06	42.17	248.44	-94.17	1,208.08	7,511.00	5,897.12	5,617.15	279.97	21.063				
9,000.00	7,192.60	7,165.60	7,165.60	43.16	248.43	-94.10	1,208.08	7,511.00	5,797.33	5,517.36	279.97	20.707				
9,100.00	7,192.13	7,165.13	7,165.13	44.17	248.41	-94.03	1,208.08	7,511.00	5,697.55	5,417.57	279.97	20.350				
9,200.00	7,191.67	7,164.67	7,164.67	45.22	248.40	-93.96	1,208.08	7,511.00	5,597.77	5,317.79	279.98	19.994				
9,300.00	7,191.20	7,164.20	7,164.20	46.29	248.38	-93.88	1,208.08	7,511.00	5,498.00	5,218.02	279.98	19.637				
9,400.00	7,190.74	7,163.74	7,163.74	47.38	248.36	-93.81	1,208.08	7,511.00	5,398.24	5,118.25	279.98	19.281				
9,500.00	7,190.27	7,163.27	7,163.27	48.50	248.35	-93.74	1,208.08	7,511.00	5,298.49	5,018.50	279.99	18.924				
9,600.00	7,189.81	7,162.81	7,162.81	49.64	248.33	-93.67	1,208.08	7,511.00	5,198.74	4,918.75	280.00	18.567				
9,700.00	7,189.34	7,162.34	7,162.34	50.80	248.31	-93.60	1,208.08	7,511.00	5,099.01	4,819.00	280.01	18.210				
9,800.00	7,188.88	7,161.88	7,161.88	51.98	248.30	-93.53	1,208.08	7,511.00	4,999.29	4,719.27	280.02	17.853				
9,900.00	7,188.41	7,161.41	7,161.41	53.17	248.28	-93.46	1,208.08	7,511.00	4,899.58	4,619.54	280.03	17.496				
10,000.00	7,187.95	7,160.95	7,160.95	54.38	248.27	-93.39	1,208.08	7,511.00	4,799.88	4,519.83	280.05	17.139				
10,100.00	7,187.49	7,160.49	7,160.49	55.61	248.25	-93.32	1,208.08	7,511.00	4,700.19	4,420.12	280.07	16.782				
10,200.00	7,187.02	7,160.02	7,160.02	56.85	248.23	-93.25	1,208.08	7,511.00	4,600.52	4,320.43	280.09	16.425				
10,300.00	7,186.56	7,159.56	7,159.56	58.10	248.22	-93.18	1,208.08	7,511.00	4,500.86	4,220.75	280.11	16.068				
10,400.00	7,186.09	7,159.09	7,159.09	59.37	248.20	-93.11	1,208.08	7,511.00	4,401.22	4,121.08	280.14	15.711				
10,500.00	7,185.63	7,158.63	7,158.63	60.64	248.18	-93.04	1,208.08	7,511.00	4,301.59	4,021.43	280.17	15.354				
10,600.00	7,185.16	7,158.16	7,158.16	61.93	248.17	-92.97	1,208.08	7,511.00	4,201.98	3,921.78	280.20	14.996				
10,700.00	7,184.70	7,157.70	7,157.70	63.23	248.15	-92.90	1,208.08	7,511.00	4,102.39	3,822.16	280.23	14.639				
10,800.00	7,184.23	7,157.23	7,157.23	64.54	248.14	-92.82	1,208.08	7,511.00	4,002.82	3,722.55	280.27	14.282				
10,900.00	7,183.77	7,156.77	7,156.77	65.85	248.12	-92.75	1,208.08	7,511.00	3,903.28	3,622.96	280.32	13.925				
11,000.00	7,183.30	7,156.30	7,156.30	67.18	248.10	-92.68	1,208.08	7,511.00	3,803.75	3,523.39	280.36	13.567				
11,100.00	7,182.84	7,155.84	7,155.84	68.51	248.09	-92.61	1,208.08	7,511.00	3,704.26	3,423.84	280.42	13.210				
11,200.00	7,182.37	7,155.37	7,155.37	69.85	248.07	-92.54	1,208.08	7,511.00	3,604.79	3,324.31	280.48	12.852				
11,300.00	7,181.91	7,154.91	7,154.91	71.20	248.05	-92.47	1,208.08	7,511.00	3,505.35	3,224.81	280.54	12.495				
11,400.00	7,181.45	7,154.45	7,154.45	72.56	248.04	-92.40	1,208.08	7,511.00	3,405.94	3,125.33	280.61	12.138				
11,500.00	7,180.98	7,153.98	7,153.98	73.92	248.02	-92.33	1,208.08	7,511.00	3,306.57	3,025.88	280.69	11.780				
11,600.00	7,180.52	7,153.52	7,153.52	75.29	248.01	-92.26	1,208.08	7,511.00	3,207.24	2,926.46	280.78	11.423				
11,700.00	7,180.05	7,153.05	7,153.05	76.66	247.99	-92.19	1,208.08	7,511.00	3,107.95	2,827.07	280.88	11.065				
11,800.00	7,179.59	7,152.59	7,152.59	78.04	247.97	-92.12	1,208.08	7,511.00	3,008.70	2,727.72	280.99	10.708				
11,900.00	7,179.12	7,152.12	7,152.12	79.42	247.96	-92.05	1,208.08	7,511.00	2,909.51	2,628.40	281.11	10.350				
12,000.00	7,178.66	7,151.66	7,151.66	80.81	247.94	-91.97	1,208.08	7,511.00	2,810.38	2,529.13	281.25	9.993				
12,100.00	7,178.19	7,151.19	7,151.19	82.20	247.92	-91.90	1,208.08	7,511.00	2,711.31	2,429.91	281.40	9.635				
12,200.00	7,177.73	7,150.73	7,150.73	83.60	247.91	-91.83	1,208.08	7,511.00	2,612.31	2,330.74	281.57	9.278				
12,300.00	7,177.26	7,150.26	7,150.26	85.00	247.89	-91.76	1,208.08	7,511.00	2,513.39	2,231.62	281.77	8.920				
12,400.00	7,176.80	7,149.80	7,149.80	86.41	247.88	-91.69	1,208.08	7,511.00	2,414.56	2,132.56	281.99	8.562				
12,500.00	7,176.33	7,149.33	7,149.33	87.82	247.86	-91.62	1,208.08	7,511.00	2,315.83	2,033.58	282.25	8.205				
12,600.00	7,175.87	7,148.87	7,148.87	89.23	247.84	-91.55	1,208.08	7,511.00	2,217.21	1,934.67	282.54	7.847				
12,700.00	7,175.40	7,148.40	7,148.40	90.65	247.83	-91.48	1,208.08	7,511.00	2,118.72	1,835.84	282.88	7.490				
12,800.00	7,174.94	7,147.94	7,147.94	92.07	247.81	-91.41	1,208.08	7,511.00	2,020.38	1,737.11	283.27	7.132				
12,900.00	7,174.48	7,147.48	7,147.48	93.49	247.80	-91.34	1,208.08	7,511.00	1,922.21	1,638.49	283.72	6.775				
13,000.00	7,174.01	7,147.01	7,147.01	94.91	247.78	-91.27	1,208.08	7,511.00	1,824.24	1,539.99	284.25	6.418				
13,100.00	7,173.55	7,146.55	7,146.55	96.34	247.76	-91.20	1,208.08	7,511.00	1,726.51	1,441.63	284.88	6.061				
13,200.00	7,173.08	7,146.08	7,146.08	97.77	247.75	-91.12	1,208.08	7,511.00	1,629.04	1,343.43	285.62	5.704				
13,300.00	7,172.62	7,145.62	7,145.62	99.21	247.73	-91.05	1,208.08	7,511.00	1,531.91	1,245.41	286.50	5.347				
13,400.00	7,172.15	7,145.15	7,145.15	100.64	247.71	-90.98	1,208.08	7,511.00	1,435.17	1,147.60	287.56	4.991				
13,500.00	7,171.69	7,144.69	7,144.69	102.08	247.70	-90.91	1,208.08	7,511.00	1,338.90	1,050.06	288.85	4.635				
13,600.00	7,171.22	7,144.22	7,144.22	103.52	247.68	-90.84	1,208.08	7,511.00	1,243.23	952.82	290.41	4.281				
13,700.00	7,170.76	7,143.76	7,143.76	104.97	247.67	-90.77	1,208.08	7,511.00	1,148.30	855.96	292.34	3.928				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	7,143.29	7,143.29	106.41	247.65	-90.70	1,208.08	7,511.00	1,054.30	759.58	294.72	3.577		
13,900.00	7,169.83	7,142.83	7,142.83	107.86	247.63	-90.63	1,208.08	7,511.00	961.51	663.82	297.69	3.230		
14,000.00	7,169.36	7,142.36	7,142.36	109.31	247.62	-90.56	1,208.08	7,511.00	870.32	568.89	301.43	2.887		
14,100.00	7,168.90	7,141.90	7,141.90	110.76	247.60	-90.49	1,208.08	7,511.00	781.29	475.13	306.16	2.552		
14,200.00	7,168.44	7,141.44	7,141.44	112.21	247.58	-90.42	1,208.08	7,511.00	695.25	383.08	312.17	2.227		
14,300.00	7,167.97	7,140.97	7,140.97	113.67	247.57	-90.34	1,208.08	7,511.00	613.45	293.66	319.80	1.918		
14,400.00	7,167.51	7,140.51	7,140.51	115.12	247.55	-90.27	1,208.08	7,511.00	537.85	208.52	329.33	1.633		
14,500.00	7,167.04	7,140.04	7,140.04	116.58	247.54	-90.20	1,208.08	7,511.00	471.42	130.70	340.72	1.384 Level 3		
14,600.00	7,166.58	7,139.58	7,139.58	118.04	247.52	-90.13	1,208.08	7,511.00	418.56	65.55	353.01	1.186 Level 2		
14,700.00	7,166.11	7,139.11	7,139.11	119.50	247.50	-90.06	1,208.08	7,511.00	384.90	21.37	363.53	1.059 Level 2		
14,785.23	7,165.72	7,138.72	7,138.72	120.75	247.49	-90.00	1,208.08	7,511.00	375.34	7.15	368.19	1.019 Level 2, CC, ES, SF		
14,800.00	7,165.65	7,138.65	7,138.65	120.97	247.49	-89.99	1,208.08	7,511.00	375.63	7.19	368.45	1.020 Level 2		
14,900.00	7,165.18	7,138.18	7,138.18	122.43	247.47	-89.92	1,208.08	7,511.00	392.50	26.61	365.88	1.073 Level 2		
15,000.00	7,164.72	7,137.72	7,137.72	123.90	247.45	-89.85	1,208.08	7,511.00	432.44	74.53	357.91	1.208 Level 2		
15,100.00	7,164.25	7,137.25	7,137.25	125.36	247.44	-89.78	1,208.08	7,511.00	489.86	141.80	348.06	1.407 Level 3		
15,200.00	7,163.79	7,136.79	7,136.79	126.83	247.42	-89.71	1,208.08	7,511.00	559.39	220.75	338.64	1.652		
15,300.00	7,163.32	7,136.32	7,136.32	128.30	247.41	-89.63	1,208.08	7,511.00	637.07	306.54	330.54	1.927		
15,400.00	7,162.86	7,135.86	7,135.86	129.77	247.39	-89.56	1,208.08	7,511.00	720.29	396.43	323.86	2.224		
15,500.00	7,162.39	7,135.39	7,135.39	131.24	247.37	-89.49	1,208.08	7,511.00	807.32	488.90	318.42	2.535		
15,600.00	7,161.93	7,134.93	7,134.93	132.71	247.36	-89.42	1,208.08	7,511.00	897.06	583.06	314.00	2.857		
15,700.00	7,161.47	7,134.47	7,134.47	134.19	247.34	-89.35	1,208.08	7,511.00	988.77	678.37	310.40	3.185		
15,800.00	7,161.00	7,134.00	7,134.00	135.66	247.32	-89.28	1,208.08	7,511.00	1,081.95	774.52	307.43	3.519		
15,900.00	7,160.54	7,133.54	7,133.54	137.14	247.31	-89.21	1,208.08	7,511.00	1,176.25	871.28	304.97	3.857		
16,000.00	7,160.07	7,133.07	7,133.07	138.61	247.29	-89.14	1,208.08	7,511.00	1,271.42	968.50	302.92	4.197		
16,100.00	7,159.61	7,132.61	7,132.61	140.09	247.28	-89.07	1,208.08	7,511.00	1,367.28	1,066.10	301.18	4.540		
16,200.00	7,159.14	7,132.14	7,132.14	141.57	247.26	-89.00	1,208.08	7,511.00	1,463.70	1,163.98	299.71	4.884		
16,300.00	7,158.68	7,131.68	7,131.68	143.05	247.24	-88.93	1,208.08	7,511.00	1,560.56	1,262.10	298.46	5.229		
16,400.00	7,158.21	7,131.21	7,131.21	144.53	247.23	-88.85	1,208.08	7,511.00	1,657.80	1,360.42	297.38	5.575		
16,500.00	7,157.75	7,130.75	7,130.75	146.01	247.21	-88.78	1,208.08	7,511.00	1,755.35	1,458.90	296.45	5.921		
16,600.00	7,157.28	7,130.28	7,130.28	147.49	247.19	-88.71	1,208.08	7,511.00	1,853.16	1,557.52	295.64	6.268		
16,700.00	7,156.82	7,129.82	7,129.82	148.97	247.18	-88.64	1,208.08	7,511.00	1,951.19	1,656.26	294.93	6.616		
16,800.00	7,156.35	7,129.35	7,129.35	150.45	247.16	-88.57	1,208.08	7,511.00	2,049.41	1,755.10	294.31	6.963		
16,900.00	7,155.89	7,128.89	7,128.89	151.94	247.15	-88.50	1,208.08	7,511.00	2,147.80	1,854.03	293.77	7.311		
17,000.00	7,155.43	7,128.43	7,128.43	153.42	247.13	-88.43	1,208.08	7,511.00	2,246.33	1,953.04	293.29	7.659		
17,100.00	7,154.96	7,127.96	7,127.96	154.90	247.11	-88.36	1,208.08	7,511.00	2,344.98	2,052.12	292.86	8.007		
17,200.00	7,154.50	7,127.50	7,127.50	156.39	247.10	-88.29	1,208.08	7,511.00	2,443.74	2,151.25	292.49	8.355		
17,300.00	7,154.03	7,127.03	7,127.03	157.88	247.08	-88.22	1,208.08	7,511.00	2,542.60	2,250.44	292.16	8.703		
17,400.00	7,153.57	7,126.57	7,126.57	159.36	247.07	-88.15	1,208.08	7,511.00	2,641.54	2,349.68	291.86	9.051		
17,500.00	7,153.10	7,126.10	7,126.10	160.85	247.05	-88.08	1,208.08	7,511.00	2,740.56	2,448.97	291.60	9.398		
17,600.00	7,152.64	7,125.64	7,125.64	162.34	247.03	-88.00	1,208.08	7,511.00	2,839.65	2,548.29	291.37	9.746		
17,700.00	7,152.17	7,125.17	7,125.17	163.83	247.02	-87.93	1,208.08	7,511.00	2,938.81	2,647.65	291.16	10.093		
17,737.15	7,152.00	7,125.00	7,125.00	164.38	247.01	-87.91	1,208.08	7,511.00	2,975.66	2,684.57	291.09	10.222		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALLES #2-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.00	0.00	0.00	0.00	3.28	3.28	90.49	-66.89	7,792.37	7,792.74								
100.00	100.00	64.00	64.00	3.28	3.47	90.49	-66.89	7,792.37	7,792.66	7,785.91	6.75	1,154.609					
200.00	200.00	164.00	164.00	3.34	5.16	90.49	-66.89	7,792.37	7,792.66	7,784.16	8.49	917.622					
300.00	300.00	264.00	264.00	3.44	8.16	90.49	-66.89	7,792.37	7,792.66	7,781.05	11.60	671.744					
400.00	400.00	364.00	364.00	3.60	11.44	90.49	-66.89	7,792.37	7,792.66	7,777.61	15.04	518.102					
500.00	499.99	463.99	463.99	3.80	14.82	150.49	-66.89	7,792.37	7,793.41	7,774.80	18.62	418.594					
600.00	599.96	563.96	563.96	4.03	18.24	150.49	-66.89	7,792.37	7,795.69	7,773.42	22.27	350.009					
700.00	699.86	663.86	663.86	4.30	21.68	150.49	-66.89	7,792.37	7,799.49	7,773.51	25.98	300.210					
790.00	789.74	753.74	753.74	4.57	24.79	150.50	-66.89	7,792.37	7,803.59	7,774.24	29.35	265.888					
800.00	799.73	763.73	763.73	4.60	25.13	147.36	-66.89	7,792.37	7,804.05	7,774.32	29.73	262.541					
900.00	899.50	863.50	863.50	4.92	28.59	126.22	-66.89	7,792.37	7,808.68	7,775.19	33.50	233.114					
1,000.00	999.05	963.05	963.05	5.26	32.04	115.98	-66.89	7,792.37	7,813.46	7,776.17	37.29	209.560					
1,077.14	1,075.61	1,039.61	1,039.61	5.53	34.70	111.37	-66.89	7,792.37	7,817.23	7,777.02	40.21	194.402					
1,100.00	1,098.26	1,062.26	1,062.26	5.61	35.49	111.39	-66.89	7,792.37	7,818.37	7,777.29	41.08	190.324					
1,200.00	1,197.35	1,161.35	1,161.35	5.98	38.94	111.48	-66.89	7,792.37	7,823.33	7,778.45	44.89	174.296					
1,300.00	1,296.44	1,260.44	1,260.44	6.35	42.38	111.57	-66.89	7,792.37	7,828.32	7,779.62	48.70	160.731					
1,400.00	1,395.52	1,359.52	1,359.52	6.73	45.83	111.66	-66.89	7,792.37	7,833.33	7,780.79	52.53	149.108					
1,500.00	1,494.61	1,458.61	1,458.61	7.12	49.28	111.75	-66.89	7,792.37	7,838.36	7,781.98	56.37	139.042					
1,600.00	1,593.70	1,557.70	1,557.70	7.52	52.74	111.84	-66.89	7,792.37	7,843.40	7,783.18	60.22	130.244					
1,700.00	1,692.78	1,656.78	1,656.78	7.93	56.19	111.93	-66.89	7,792.37	7,848.47	7,784.40	64.07	122.491					
1,800.00	1,791.87	1,755.87	1,755.87	8.33	59.64	112.02	-66.89	7,792.37	7,853.56	7,785.62	67.93	115.608					
1,900.00	1,890.95	1,854.95	1,854.95	8.75	63.10	112.12	-66.89	7,792.37	7,858.66	7,786.87	71.80	109.458					
2,000.00	1,990.04	1,954.04	1,954.04	9.16	66.55	112.21	-66.89	7,792.37	7,863.79	7,788.13	75.66	103.931					
2,100.00	2,089.13	2,053.13	2,053.13	9.58	70.01	112.30	-66.89	7,792.37	7,868.94	7,789.40	79.53	98.937					
2,200.00	2,188.21	2,152.21	2,152.21	10.01	73.46	112.39	-66.89	7,792.37	7,874.10	7,790.70	83.41	94.404					
2,300.00	2,287.30	2,251.30	2,251.30	10.43	76.92	112.48	-66.89	7,792.37	7,879.29	7,792.00	87.29	90.270					
2,400.00	2,386.39	2,350.39	2,350.39	10.86	80.37	112.57	-66.89	7,792.37	7,884.50	7,793.33	91.16	86.486					
2,500.00	2,485.47	2,449.47	2,449.47	11.29	83.83	112.66	-66.89	7,792.37	7,889.72	7,794.67	95.05	83.009					
2,600.00	2,584.56	2,548.56	2,548.56	11.72	87.29	112.74	-66.89	7,792.37	7,894.97	7,796.04	98.93	79.804					
2,700.00	2,683.65	2,647.65	2,647.65	12.15	90.74	112.83	-66.89	7,792.37	7,900.23	7,797.42	102.81	76.840					
2,800.00	2,782.73	2,746.73	2,746.73	12.58	94.20	112.92	-66.89	7,792.37	7,905.51	7,798.81	106.70	74.091					
2,900.00	2,881.82	2,845.82	2,845.82	13.02	97.66	113.01	-66.89	7,792.37	7,910.82	7,800.23	110.59	71.534					
3,000.00	2,980.91	2,944.91	2,944.91	13.45	101.11	113.10	-66.89	7,792.37	7,916.14	7,801.66	114.48	69.151					
3,100.00	3,079.99	3,043.99	3,043.99	13.89	104.57	113.19	-66.89	7,792.37	7,921.48	7,803.11	118.37	66.923					
3,200.00	3,179.08	3,143.08	3,143.08	14.33	108.03	113.28	-66.89	7,792.37	7,926.84	7,804.59	122.26	64.837					
3,300.00	3,278.17	3,242.17	3,242.17	14.76	111.49	113.37	-66.89	7,792.37	7,932.22	7,806.07	126.15	62.880					
3,400.00	3,377.25	3,341.25	3,341.25	15.20	114.94	113.46	-66.89	7,792.37	7,937.62	7,807.58	130.04	61.039					
3,500.00	3,476.34	3,440.34	3,440.34	15.64	118.40	113.55	-66.89	7,792.37	7,943.04	7,809.11	133.94	59.305					
3,600.00	3,575.43	3,539.43	3,539.43	16.08	121.86	113.63	-66.89	7,792.37	7,948.48	7,810.65	137.83	57.669					
3,700.00	3,674.51	3,638.51	3,638.51	16.53	125.32	113.72	-66.89	7,792.37	7,953.94	7,812.21	141.72	56.122					
3,800.00	3,773.60	3,737.60	3,737.60	16.97	128.78	113.81	-66.89	7,792.37	7,959.41	7,813.80	145.62	54.659					
3,900.00	3,872.69	3,836.69	3,836.69	17.41	132.23	113.90	-66.89	7,792.37	7,964.91	7,815.39	149.52	53.271					
4,000.00	3,971.77	3,935.77	3,935.77	17.85	135.69	113.99	-66.89	7,792.37	7,970.43	7,817.01	153.41	51.954					
4,100.00	4,070.86	4,034.86	4,034.86	18.29	139.15	114.07	-66.89	7,792.37	7,975.96	7,818.65	157.31	50.702					
4,200.00	4,169.95	4,133.95	4,133.95	18.74	142.61	114.16	-66.89	7,792.37	7,981.51	7,820.31	161.21	49.511					
4,300.00	4,269.03	4,233.03	4,233.03	19.18	146.07	114.25	-66.89	7,792.37	7,987.08	7,821.98	165.10	48.376					
4,400.00	4,368.12	4,332.12	4,332.12	19.63	149.53	114.34	-66.89	7,792.37	7,992.67	7,823.67	169.00	47.293					
4,500.00	4,467.21	4,431.21	4,431.21	20.07	152.98	114.43	-66.89	7,792.37	7,998.28	7,825.38	172.90	46.259					
4,600.00	4,566.29	4,530.29	4,530.29	20.52	156.44	114.51	-66.89	7,792.37	8,003.91	7,827.11	176.80	45.271					
4,700.00	4,665.38	4,629.38	4,629.38	20.96	159.90	114.60	-66.89	7,792.37	8,009.56	7,828.86	180.70	44.325					
4,800.00	4,764.47	4,728.47	4,728.47	21.41	163.36	114.69	-66.89	7,792.37	8,015.22	7,830.62	184.60	43.420					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALLES #2-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,827.55	4,827.55	21.85	166.82	114.77	-66.89	7,792.37	8,020.91	7,832.41	188.50	42.552					
5,000.00	4,962.64	4,926.64	4,926.64	22.30	170.28	114.86	-66.89	7,792.37	8,026.61	7,834.21	192.40	41.719					
5,100.00	5,061.73	5,025.73	5,025.73	22.74	173.73	114.95	-66.89	7,792.37	8,032.33	7,836.03	196.30	40.919					
5,200.00	5,160.81	5,124.81	5,124.81	23.19	177.19	115.03	-66.89	7,792.37	8,038.07	7,837.87	200.20	40.151					
5,300.00	5,259.90	5,223.90	5,223.90	23.64	180.65	115.12	-66.89	7,792.37	8,043.83	7,839.73	204.10	39.411					
5,400.00	5,358.99	5,322.99	5,322.99	24.08	184.11	115.21	-66.89	7,792.37	8,049.61	7,841.61	208.00	38.700					
5,500.00	5,458.07	5,422.07	5,422.07	24.53	187.57	115.29	-66.89	7,792.37	8,055.40	7,843.50	211.90	38.015					
5,600.00	5,557.16	5,521.16	5,521.16	24.98	191.03	115.38	-66.89	7,792.37	8,061.22	7,845.41	215.80	37.355					
5,700.00	5,656.25	5,620.25	5,620.25	25.42	194.49	115.46	-66.89	7,792.37	8,067.05	7,847.34	219.70	36.718					
5,800.00	5,755.33	5,719.33	5,719.33	25.87	197.94	115.55	-66.89	7,792.37	8,072.90	7,849.29	223.60	36.103					
5,900.00	5,854.42	5,818.42	5,818.42	26.32	201.40	115.64	-66.89	7,792.37	8,078.77	7,851.26	227.51	35.510					
6,000.00	5,953.51	5,917.51	5,917.51	26.77	204.86	115.72	-66.89	7,792.37	8,084.65	7,853.25	231.41	34.937					
6,100.00	6,052.59	6,016.59	6,016.59	27.21	208.32	115.81	-66.89	7,792.37	8,090.56	7,855.25	235.31	34.383					
6,200.00	6,151.68	6,115.68	6,115.68	27.66	211.78	115.89	-66.89	7,792.37	8,096.48	7,857.27	239.21	33.846					
6,300.00	6,250.76	6,214.76	6,214.76	28.11	215.24	115.98	-66.89	7,792.37	8,102.42	7,859.31	243.11	33.328					
6,400.00	6,349.85	6,313.85	6,313.85	28.56	218.70	116.06	-66.89	7,792.37	8,108.38	7,861.37	247.02	32.825					
6,500.00	6,448.94	6,412.94	6,412.94	29.01	222.15	116.15	-66.89	7,792.37	8,114.36	7,863.44	250.92	32.339					
6,589.36	6,537.48	6,501.48	6,501.48	29.41	225.25	116.22	-66.89	7,792.37	8,119.72	7,865.31	254.41	31.916					
6,600.00	6,548.03	6,512.03	6,512.03	29.45	225.61	109.37	-66.89	7,792.37	8,120.27	7,865.45	254.82	31.866					
6,650.00	6,597.61	6,561.61	6,561.61	29.67	227.34	75.28	-66.89	7,792.37	8,120.49	7,863.72	256.77	31.625					
6,700.00	6,647.01	6,611.01	6,611.01	29.89	229.07	51.22	-66.89	7,792.37	8,116.81	7,858.11	258.71	31.374					
6,750.00	6,695.92	6,659.92	6,659.92	30.10	230.78	38.07	-66.89	7,792.37	8,109.26	7,848.64	260.62	31.115					
6,800.00	6,744.04	6,708.04	6,708.04	30.31	232.46	30.67	-66.89	7,792.37	8,097.89	7,835.39	262.49	30.850					
6,850.00	6,791.07	6,755.07	6,755.07	30.51	234.10	26.18	-66.89	7,792.37	8,082.76	7,818.44	264.32	30.579					
6,900.00	6,836.72	6,800.72	6,800.72	30.71	235.69	23.29	-66.89	7,792.37	8,063.96	7,797.88	266.09	30.306					
6,950.00	6,880.71	6,844.71	6,844.71	30.90	237.23	21.39	-66.89	7,792.37	8,041.63	7,773.84	267.78	30.030					
7,000.00	6,922.77	6,886.77	6,886.77	31.08	238.69	20.15	-66.89	7,792.37	8,015.88	7,746.48	269.40	29.754					
7,050.00	6,962.63	6,926.63	6,926.63	31.27	240.09	19.40	-66.89	7,792.37	7,986.89	7,715.96	270.93	29.480					
7,100.00	7,000.07	6,964.07	6,964.07	31.44	241.39	19.04	-66.89	7,792.37	7,954.83	7,682.47	272.36	29.207					
7,150.00	7,034.83	7,001.17	6,998.83	31.62	242.69	19.03	-66.89	7,792.37	7,919.90	7,646.13	273.76	28.930					
7,200.00	7,066.72	7,030.72	7,030.72	31.79	243.72	19.37	-66.89	7,792.37	7,882.31	7,607.42	274.89	28.674					
7,250.00	7,095.52	7,059.52	7,059.52	31.96	244.72	20.11	-66.89	7,792.37	7,842.30	7,566.32	275.98	28.416					
7,300.00	7,121.07	7,085.07	7,085.07	32.13	245.62	21.33	-66.89	7,792.37	7,800.11	7,523.17	276.94	28.165					
7,350.00	7,143.21	7,107.21	7,107.21	32.30	246.39	23.19	-66.89	7,792.37	7,756.01	7,478.23	277.77	27.922					
7,400.00	7,161.80	7,125.80	7,125.80	32.47	247.04	26.03	-66.89	7,792.37	7,710.25	7,431.78	278.47	27.688					
7,450.00	7,176.72	7,140.72	7,140.72	32.64	247.56	30.47	-66.89	7,792.37	7,663.14	7,384.11	279.03	27.464					
7,500.00	7,187.89	7,151.89	7,151.89	32.82	247.95	37.84	-66.89	7,792.37	7,614.94	7,335.49	279.45	27.250					
7,550.00	7,195.23	7,159.23	7,159.23	32.99	248.21	51.17	-66.89	7,792.37	7,565.97	7,286.24	279.73	27.047					
7,600.00	7,198.70	7,162.70	7,162.70	33.17	248.33	76.28	-66.89	7,792.37	7,516.52	7,236.65	279.87	26.857					
7,622.60	7,199.00	7,163.00	7,163.00	33.25	248.34	92.20	-66.89	7,792.37	7,494.09	7,214.20	279.89	26.775					
7,700.00	7,198.64	7,162.64	7,162.64	33.54	248.32	92.18	-66.89	7,792.37	7,417.26	7,137.36	279.90	26.500					
7,800.00	7,198.17	7,162.17	7,162.17	33.98	248.31	92.15	-66.89	7,792.37	7,318.01	7,038.09	279.92	26.143					
7,900.00	7,197.71	7,161.71	7,161.71	34.47	248.29	92.12	-66.89	7,792.37	7,218.78	6,938.84	279.94	25.787					
8,000.00	7,197.24	7,161.24	7,161.24	35.03	248.28	92.09	-66.89	7,792.37	7,119.57	6,839.60	279.97	25.430					
8,100.00	7,196.78	7,160.78	7,160.78	35.64	248.26	92.06	-66.89	7,792.37	7,020.39	6,740.39	280.00	25.073					
8,200.00	7,196.31	7,160.31	7,160.31	36.30	248.24	92.03	-66.89	7,792.37	6,921.23	6,641.20	280.03	24.716					
8,300.00	7,195.85	7,159.85	7,159.85	37.01	248.23	92.00	-66.89	7,792.37	6,822.09	6,542.02	280.07	24.359					
8,400.00	7,195.38	7,159.38	7,159.38	37.77	248.21	91.97	-66.89	7,792.37	6,722.98	6,442.87	280.11	24.001					
8,500.00	7,194.92	7,158.92	7,158.92	38.57	248.19	91.94	-66.89	7,792.37	6,623.90	6,343.74	280.16	23.644					
8,600.00	7,194.46	7,158.46	7,158.46	39.41	248.18	91.91	-66.89	7,792.37	6,524.84	6,244.63	280.21	23.286					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ALLES #2-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,700.00	7,193.99	7,157.99	7,157.99	40.30	248.16	91.88	-66.89	7,792.37	6,425.81	6,145.55	280.26	22.928					
8,800.00	7,193.53	7,157.53	7,157.53	41.22	248.15	91.85	-66.89	7,792.37	6,326.82	6,046.50	280.32	22.570					
8,900.00	7,193.06	7,157.06	7,157.06	42.17	248.13	91.82	-66.89	7,792.37	6,227.85	5,947.47	280.38	22.212					
9,000.00	7,192.60	7,156.60	7,156.60	43.16	248.11	91.79	-66.89	7,792.37	6,128.92	5,848.47	280.45	21.854					
9,100.00	7,192.13	7,156.13	7,156.13	44.17	248.10	91.76	-66.89	7,792.37	6,030.03	5,749.50	280.53	21.495					
9,200.00	7,191.67	7,155.67	7,155.67	45.22	248.08	91.73	-66.89	7,792.37	5,931.17	5,650.56	280.61	21.137					
9,300.00	7,191.20	7,155.20	7,155.20	46.29	248.06	91.70	-66.89	7,792.37	5,832.35	5,551.65	280.69	20.778					
9,400.00	7,190.74	7,154.74	7,154.74	47.38	248.05	91.67	-66.89	7,792.37	5,733.57	5,452.78	280.79	20.420					
9,500.00	7,190.27	7,154.27	7,154.27	48.50	248.03	91.64	-66.89	7,792.37	5,634.83	5,353.94	280.89	20.061					
9,600.00	7,189.81	7,153.81	7,153.81	49.64	248.02	91.61	-66.89	7,792.37	5,536.14	5,255.14	281.00	19.702					
9,700.00	7,189.34	7,153.34	7,153.34	50.80	248.00	91.58	-66.89	7,792.37	5,437.50	5,156.39	281.11	19.343					
9,800.00	7,188.88	7,152.88	7,152.88	51.98	247.98	91.56	-66.89	7,792.37	5,338.91	5,057.67	281.24	18.984					
9,900.00	7,188.41	7,152.41	7,152.41	53.17	247.97	91.53	-66.89	7,792.37	5,240.37	4,959.00	281.37	18.624					
10,000.00	7,187.95	7,151.95	7,151.95	54.38	247.95	91.50	-66.89	7,792.37	5,141.89	4,860.37	281.52	18.265					
10,100.00	7,187.49	7,151.49	7,151.49	55.61	247.94	91.47	-66.89	7,792.37	5,043.46	4,761.79	281.67	17.906					
10,200.00	7,187.02	7,151.02	7,151.02	56.85	247.92	91.44	-66.89	7,792.37	4,945.10	4,663.27	281.83	17.546					
10,300.00	7,186.56	7,150.56	7,150.56	58.10	247.90	91.41	-66.89	7,792.37	4,846.81	4,564.80	282.01	17.187					
10,400.00	7,186.09	7,150.09	7,150.09	59.37	247.89	91.38	-66.89	7,792.37	4,748.59	4,466.39	282.20	16.827					
10,500.00	7,185.63	7,149.63	7,149.63	60.64	247.87	91.35	-66.89	7,792.37	4,650.44	4,368.04	282.40	16.467					
10,600.00	7,185.16	7,149.16	7,149.16	61.93	247.85	91.32	-66.89	7,792.37	4,552.38	4,269.76	282.62	16.108					
10,700.00	7,184.70	7,148.70	7,148.70	63.23	247.84	91.29	-66.89	7,792.37	4,454.40	4,171.55	282.85	15.748					
10,800.00	7,184.23	7,148.23	7,148.23	64.54	247.82	91.26	-66.89	7,792.37	4,356.51	4,073.41	283.10	15.388					
10,900.00	7,183.77	7,147.77	7,147.77	65.85	247.81	91.23	-66.89	7,792.37	4,258.72	3,975.35	283.37	15.029					
11,000.00	7,183.30	7,147.30	7,147.30	67.18	247.79	91.20	-66.89	7,792.37	4,161.04	3,877.38	283.66	14.669					
11,100.00	7,182.84	7,146.84	7,146.84	68.51	247.77	91.17	-66.89	7,792.37	4,063.47	3,779.49	283.97	14.309					
11,200.00	7,182.37	7,146.37	7,146.37	69.85	247.76	91.14	-66.89	7,792.37	3,966.02	3,681.71	284.31	13.950					
11,300.00	7,181.91	7,145.91	7,145.91	71.20	247.74	91.11	-66.89	7,792.37	3,868.70	3,584.03	284.67	13.590					
11,400.00	7,181.45	7,145.45	7,145.45	72.56	247.72	91.08	-66.89	7,792.37	3,771.52	3,486.46	285.06	13.231					
11,500.00	7,180.98	7,144.98	7,144.98	73.92	247.71	91.05	-66.89	7,792.37	3,674.49	3,389.01	285.47	12.872					
11,600.00	7,180.52	7,144.52	7,144.52	75.29	247.69	91.02	-66.89	7,792.37	3,577.62	3,291.70	285.93	12.512					
11,700.00	7,180.05	7,144.05	7,144.05	76.66	247.68	90.99	-66.89	7,792.37	3,480.93	3,194.52	286.41	12.153					
11,800.00	7,179.59	7,143.59	7,143.59	78.04	247.66	90.96	-66.89	7,792.37	3,384.44	3,097.50	286.94	11.795					
11,900.00	7,179.12	7,143.12	7,143.12	79.42	247.64	90.93	-66.89	7,792.37	3,288.15	3,000.64	287.52	11.436					
12,000.00	7,178.66	7,142.66	7,142.66	80.81	247.63	90.91	-66.89	7,792.37	3,192.09	2,903.96	288.14	11.078					
12,100.00	7,178.19	7,142.19	7,142.19	82.20	247.61	90.88	-66.89	7,792.37	3,096.29	2,807.48	288.81	10.721					
12,200.00	7,177.73	7,141.73	7,141.73	83.60	247.59	90.85	-66.89	7,792.37	3,000.75	2,711.21	289.54	10.364					
12,300.00	7,177.26	7,141.26	7,141.26	85.00	247.58	90.82	-66.89	7,792.37	2,905.52	2,615.18	290.34	10.007					
12,400.00	7,176.80	7,140.80	7,140.80	86.41	247.56	90.79	-66.89	7,792.37	2,810.61	2,519.41	291.20	9.652					
12,500.00	7,176.33	7,140.33	7,140.33	87.82	247.55	90.76	-66.89	7,792.37	2,716.07	2,423.92	292.15	9.297					
12,600.00	7,175.87	7,139.87	7,139.87	89.23	247.53	90.73	-66.89	7,792.37	2,621.94	2,328.76	293.18	8.943					
12,700.00	7,175.40	7,139.40	7,139.40	90.65	247.51	90.70	-66.89	7,792.37	2,528.26	2,233.95	294.31	8.590					
12,800.00	7,174.94	7,138.94	7,138.94	92.07	247.50	90.67	-66.89	7,792.37	2,435.08	2,139.53	295.55	8.239					
12,900.00	7,174.48	7,138.48	7,138.48	93.49	247.48	90.64	-66.89	7,792.37	2,342.46	2,045.55	296.91	7.890					
13,000.00	7,174.01	7,138.01	7,138.01	94.91	247.46	90.61	-66.89	7,792.37	2,250.48	1,952.08	298.40	7.542					
13,100.00	7,173.55	7,137.55	7,137.55	96.34	247.45	90.58	-66.89	7,792.37	2,159.20	1,859.17	300.04	7.196					
13,200.00	7,173.08	7,137.08	7,137.08	97.77	247.43	90.55	-66.89	7,792.37	2,068.74	1,766.90	301.84	6.854					
13,300.00	7,172.62	7,136.62	7,136.62	99.21	247.42	90.52	-66.89	7,792.37	1,979.19	1,675.36	303.83	6.514					
13,400.00	7,172.15	7,136.15	7,136.15	100.64	247.40	90.49	-66.89	7,792.37	1,890.69	1,584.67	306.02	6.178					
13,500.00	7,171.69	7,135.69	7,135.69	102.08	247.38	90.46	-66.89	7,792.37	1,803.39	1,494.95	308.44	5.847					
13,600.00	7,171.22	7,135.22	7,135.22	103.52	247.37	90.43	-66.89	7,792.37	1,717.48	1,406.36	311.11	5.520					
13,700.00	7,170.76	7,134.76	7,134.76	104.97	247.35	90.40	-66.89	7,792.37	1,633.17	1,319.11	314.06	5.200					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	7,134.29	7,134.29	106.41	247.33	90.37	-66.89	7,792.37	1,550.73	1,233.41	317.32	4.887		
13,900.00	7,169.83	7,133.83	7,133.83	107.86	247.32	90.34	-66.89	7,792.37	1,470.46	1,149.57	320.90	4.582		
14,000.00	7,169.36	7,133.36	7,133.36	109.31	247.30	90.31	-66.89	7,792.37	1,392.76	1,067.93	324.83	4.288		
14,100.00	7,168.90	7,132.90	7,132.90	110.76	247.29	90.28	-66.89	7,792.37	1,318.06	988.95	329.11	4.005		
14,200.00	7,168.44	7,132.44	7,132.44	112.21	247.27	90.25	-66.89	7,792.37	1,246.92	913.15	333.76	3.736		
14,300.00	7,167.97	7,131.97	7,131.97	113.67	247.25	90.23	-66.89	7,792.37	1,179.96	841.22	338.74	3.483		
14,400.00	7,167.51	7,131.51	7,131.51	115.12	247.24	90.20	-66.89	7,792.37	1,117.95	773.97	343.98	3.250		
14,500.00	7,167.04	7,131.04	7,131.04	116.58	247.22	90.17	-66.89	7,792.37	1,061.76	712.36	349.39	3.039		
14,600.00	7,166.58	7,130.58	7,130.58	118.04	247.21	90.14	-66.89	7,792.37	1,012.34	657.55	354.79	2.853		
14,700.00	7,166.11	7,130.11	7,130.11	119.50	247.19	90.11	-66.89	7,792.37	970.74	610.80	359.94	2.697		
14,800.00	7,165.65	7,129.65	7,129.65	120.97	247.17	90.08	-66.89	7,792.37	938.00	573.44	364.56	2.573		
14,900.00	7,165.18	7,129.18	7,129.18	122.43	247.16	90.05	-66.89	7,792.37	915.07	546.75	368.33	2.484		
15,000.00	7,164.72	7,128.72	7,128.72	123.90	247.14	90.02	-66.89	7,792.37	902.70	531.76	370.94	2.434		
15,062.47	7,164.43	7,128.43	7,128.43	124.81	247.13	90.00	-66.89	7,792.37	900.54	528.64	371.90	2.421 CC, ES, SF		
15,100.00	7,164.25	7,128.25	7,128.25	125.36	247.12	89.99	-66.89	7,792.37	901.32	529.11	372.21	2.422		
15,200.00	7,163.79	7,127.79	7,127.79	126.83	247.11	89.96	-66.89	7,792.37	910.98	538.92	372.06	2.448		
15,300.00	7,163.32	7,127.32	7,127.32	128.30	247.09	89.93	-66.89	7,792.37	931.34	560.74	370.60	2.513		
15,400.00	7,162.86	7,126.86	7,126.86	129.77	247.08	89.90	-66.89	7,792.37	961.71	593.68	368.04	2.613		
15,500.00	7,162.39	7,126.39	7,126.39	131.24	247.06	89.87	-66.89	7,792.37	1,001.20	636.55	364.65	2.746		
15,600.00	7,161.93	7,125.93	7,125.93	132.71	247.04	89.84	-66.89	7,792.37	1,048.76	688.03	360.74	2.907		
15,700.00	7,161.47	7,125.47	7,125.47	134.19	247.03	89.81	-66.89	7,792.37	1,103.36	746.82	356.54	3.095		
15,800.00	7,161.00	7,125.00	7,125.00	135.66	247.01	89.78	-66.89	7,792.37	1,164.01	811.72	352.28	3.304		
15,900.00	7,160.54	7,124.54	7,124.54	137.14	246.99	89.75	-66.89	7,792.37	1,229.80	881.71	348.09	3.533		
16,000.00	7,160.07	7,124.07	7,124.07	138.61	246.98	89.72	-66.89	7,792.37	1,299.97	955.90	344.07	3.778		
16,100.00	7,159.61	7,123.61	7,123.61	140.09	246.96	89.69	-66.89	7,792.37	1,373.83	1,033.57	340.26	4.038		
16,200.00	7,159.14	7,123.14	7,123.14	141.57	246.95	89.66	-66.89	7,792.37	1,450.83	1,114.12	336.71	4.309		
16,300.00	7,158.68	7,122.68	7,122.68	143.05	246.93	89.63	-66.89	7,792.37	1,530.50	1,197.07	333.42	4.590		
16,400.00	7,158.21	7,122.21	7,122.21	144.53	246.91	89.60	-66.89	7,792.37	1,612.43	1,282.03	330.39	4.880		
16,500.00	7,157.75	7,121.75	7,121.75	146.01	246.90	89.58	-66.89	7,792.37	1,696.30	1,368.69	327.61	5.178		
16,600.00	7,157.28	7,121.28	7,121.28	147.49	246.88	89.55	-66.89	7,792.37	1,781.83	1,456.78	325.05	5.482		
16,700.00	7,156.82	7,120.82	7,120.82	148.97	246.86	89.52	-66.89	7,792.37	1,868.80	1,546.09	322.71	5.791		
16,800.00	7,156.35	7,120.35	7,120.35	150.45	246.85	89.49	-66.89	7,792.37	1,957.02	1,636.45	320.57	6.105		
16,900.00	7,155.89	7,119.89	7,119.89	151.94	246.83	89.46	-66.89	7,792.37	2,046.32	1,727.71	318.61	6.423		
17,000.00	7,155.43	7,119.43	7,119.43	153.42	246.82	89.43	-66.89	7,792.37	2,136.57	1,819.76	316.81	6.744		
17,100.00	7,154.96	7,118.96	7,118.96	154.90	246.80	89.40	-66.89	7,792.37	2,227.65	1,912.49	315.16	7.068		
17,200.00	7,154.50	7,118.50	7,118.50	156.39	246.78	89.37	-66.89	7,792.37	2,319.46	2,005.82	313.64	7.395		
17,300.00	7,154.03	7,118.03	7,118.03	157.88	246.77	89.34	-66.89	7,792.37	2,411.93	2,099.68	312.25	7.724		
17,400.00	7,153.57	7,117.57	7,117.57	159.36	246.75	89.31	-66.89	7,792.37	2,504.98	2,194.01	310.97	8.055		
17,500.00	7,153.10	7,117.10	7,117.10	160.85	246.73	89.28	-66.89	7,792.37	2,598.54	2,288.75	309.79	8.388		
17,600.00	7,152.64	7,116.64	7,116.64	162.34	246.72	89.25	-66.89	7,792.37	2,692.56	2,383.87	308.70	8.722		
17,700.00	7,152.17	7,116.17	7,116.17	163.83	246.70	89.22	-66.89	7,792.37	2,787.01	2,479.31	307.69	9.058		
17,737.15	7,152.00	7,116.00	7,116.00	164.38	246.70	89.21	-66.89	7,792.37	2,822.19	2,514.85	307.34	9.183		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	99.75	-1,258.31	7,325.35	7,432.74					
100.00	100.00	61.00	61.00	3.28	3.45	99.75	-1,258.31	7,325.35	7,432.63	7,425.90	6.73	1,103.969		
200.00	200.00	161.00	161.00	3.34	5.08	99.75	-1,258.31	7,325.35	7,432.63	7,424.22	8.41	883.591		
300.00	300.00	261.00	261.00	3.44	8.06	99.75	-1,258.31	7,325.35	7,432.63	7,421.13	11.50	646.043		
400.00	400.00	361.00	361.00	3.60	11.34	99.75	-1,258.31	7,325.35	7,432.63	7,417.69	14.94	497.483		
500.00	499.99	460.99	460.99	3.80	14.72	159.75	-1,258.31	7,325.35	7,433.45	7,414.94	18.52	401.462		
600.00	599.96	560.96	560.96	4.03	18.14	159.74	-1,258.31	7,325.35	7,435.91	7,413.74	22.17	335.405		
700.00	699.86	660.86	660.86	4.30	21.58	159.74	-1,258.31	7,325.35	7,440.00	7,414.12	25.88	287.515		
790.00	789.74	750.74	750.74	4.57	24.68	159.75	-1,258.31	7,325.35	7,444.42	7,415.18	29.25	254.546		
800.00	799.73	760.73	760.73	4.60	25.03	156.61	-1,258.31	7,325.35	7,444.92	7,415.29	29.62	251.332		
900.00	899.50	860.50	860.50	4.92	28.48	135.45	-1,258.31	7,325.35	7,450.24	7,416.85	33.39	223.099		
1,000.00	999.05	960.05	960.05	5.26	31.94	125.19	-1,258.31	7,325.35	7,456.26	7,419.08	37.18	200.531		
1,077.14	1,075.61	1,036.61	1,036.61	5.53	34.60	120.55	-1,258.31	7,325.35	7,461.38	7,421.27	40.11	186.026		
1,100.00	1,098.26	1,059.26	1,059.26	5.61	35.39	120.57	-1,258.31	7,325.35	7,462.95	7,421.98	40.98	182.124		
1,200.00	1,197.35	1,158.35	1,158.35	5.98	38.83	120.66	-1,258.31	7,325.35	7,469.87	7,425.08	44.78	166.801		
1,300.00	1,296.44	1,257.44	1,257.44	6.35	42.28	120.74	-1,258.31	7,325.35	7,476.80	7,428.20	48.60	153.837		
1,400.00	1,395.52	1,356.52	1,356.52	6.73	45.73	120.83	-1,258.31	7,325.35	7,483.75	7,431.32	52.43	142.732		
1,500.00	1,494.61	1,455.61	1,455.61	7.12	49.18	120.92	-1,258.31	7,325.35	7,490.72	7,434.44	56.27	133.118		
1,600.00	1,593.70	1,554.70	1,554.70	7.52	52.63	121.01	-1,258.31	7,325.35	7,497.70	7,437.58	60.12	124.716		
1,700.00	1,692.78	1,653.78	1,653.78	7.93	56.08	121.10	-1,258.31	7,325.35	7,504.70	7,440.73	63.97	117.314		
1,800.00	1,791.87	1,752.87	1,752.87	8.33	59.54	121.18	-1,258.31	7,325.35	7,511.72	7,443.89	67.83	110.743		
1,900.00	1,890.95	1,851.95	1,851.95	8.75	62.99	121.27	-1,258.31	7,325.35	7,518.76	7,447.07	71.69	104.874		
2,000.00	1,990.04	1,951.04	1,951.04	9.16	66.45	121.36	-1,258.31	7,325.35	7,525.82	7,450.26	75.56	99.599		
2,100.00	2,089.13	2,050.13	2,050.13	9.58	69.90	121.45	-1,258.31	7,325.35	7,532.89	7,453.46	79.43	94.835		
2,200.00	2,188.21	2,149.21	2,149.21	10.01	73.36	121.53	-1,258.31	7,325.35	7,539.98	7,456.68	83.31	90.510		
2,300.00	2,287.30	2,248.30	2,248.30	10.43	76.81	121.62	-1,258.31	7,325.35	7,547.09	7,459.91	87.18	86.566		
2,400.00	2,386.39	2,347.39	2,347.39	10.86	80.27	121.71	-1,258.31	7,325.35	7,554.21	7,463.15	91.06	82.957		
2,500.00	2,485.47	2,446.47	2,446.47	11.29	83.73	121.79	-1,258.31	7,325.35	7,561.36	7,466.41	94.94	79.641		
2,600.00	2,584.56	2,545.56	2,545.56	11.72	87.18	121.88	-1,258.31	7,325.35	7,568.52	7,469.69	98.83	76.584		
2,700.00	2,683.65	2,644.65	2,644.65	12.15	90.64	121.96	-1,258.31	7,325.35	7,575.70	7,472.98	102.71	73.757		
2,800.00	2,782.73	2,743.73	2,743.73	12.58	94.10	122.05	-1,258.31	7,325.35	7,582.89	7,476.29	106.60	71.136		
2,900.00	2,881.82	2,842.82	2,842.82	13.02	97.55	122.14	-1,258.31	7,325.35	7,590.10	7,479.62	110.48	68.698		
3,000.00	2,980.91	2,941.91	2,941.91	13.45	101.01	122.22	-1,258.31	7,325.35	7,597.33	7,482.96	114.37	66.425		
3,100.00	3,079.99	3,040.99	3,040.99	13.89	104.47	122.31	-1,258.31	7,325.35	7,604.58	7,486.31	118.26	64.302		
3,200.00	3,179.08	3,140.08	3,140.08	14.33	107.92	122.39	-1,258.31	7,325.35	7,611.84	7,489.68	122.15	62.313		
3,300.00	3,278.17	3,239.17	3,239.17	14.76	111.38	122.48	-1,258.31	7,325.35	7,619.12	7,493.07	126.05	60.447		
3,400.00	3,377.25	3,338.25	3,338.25	15.20	114.84	122.56	-1,258.31	7,325.35	7,626.42	7,496.48	129.94	58.692		
3,500.00	3,476.34	3,437.34	3,437.34	15.64	118.30	122.65	-1,258.31	7,325.35	7,633.73	7,499.90	133.83	57.039		
3,600.00	3,575.43	3,536.43	3,536.43	16.08	121.76	122.73	-1,258.31	7,325.35	7,641.06	7,503.33	137.73	55.480		
3,700.00	3,674.51	3,635.51	3,635.51	16.53	125.21	122.82	-1,258.31	7,325.35	7,648.41	7,506.78	141.62	54.006		
3,800.00	3,773.60	3,734.60	3,734.60	16.97	128.67	122.90	-1,258.31	7,325.35	7,655.77	7,510.25	145.52	52.611		
3,900.00	3,872.69	3,833.69	3,833.69	17.41	132.13	122.98	-1,258.31	7,325.35	7,663.15	7,513.74	149.41	51.288		
4,000.00	3,971.77	3,932.77	3,932.77	17.85	135.59	123.07	-1,258.31	7,325.35	7,670.55	7,517.24	153.31	50.033		
4,100.00	4,070.86	4,031.86	4,031.86	18.29	139.05	123.15	-1,258.31	7,325.35	7,677.96	7,520.75	157.21	48.840		
4,200.00	4,169.95	4,130.95	4,130.95	18.74	142.50	123.24	-1,258.31	7,325.35	7,685.39	7,524.29	161.10	47.704		
4,300.00	4,269.03	4,230.03	4,230.03	19.18	145.96	123.32	-1,258.31	7,325.35	7,692.84	7,527.84	165.00	46.623		
4,400.00	4,368.12	4,329.12	4,329.12	19.63	149.42	123.40	-1,258.31	7,325.35	7,700.30	7,531.40	168.90	45.591		
4,500.00	4,467.21	4,428.21	4,428.21	20.07	152.88	123.49	-1,258.31	7,325.35	7,707.78	7,534.98	172.80	44.606		
4,600.00	4,566.29	4,527.29	4,527.29	20.52	156.34	123.57	-1,258.31	7,325.35	7,715.28	7,538.58	176.70	43.664		
4,700.00	4,665.38	4,626.38	4,626.38	20.96	159.80	123.65	-1,258.31	7,325.35	7,722.79	7,542.19	180.60	42.763		
4,800.00	4,764.47	4,725.47	4,725.47	21.41	163.25	123.73	-1,258.31	7,325.35	7,730.32	7,545.82	184.50	41.900		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,900.00	4,863.55	4,824.55	4,824.55	21.85	166.71	123.82	-1,258.31	7,325.35	7,737.86	7,549.46	188.40	41.072			
5,000.00	4,962.64	4,923.64	4,923.64	22.30	170.17	123.90	-1,258.31	7,325.35	7,745.42	7,553.12	192.30	40.279			
5,100.00	5,061.73	5,022.73	5,022.73	22.74	173.63	123.98	-1,258.31	7,325.35	7,753.00	7,556.80	196.20	39.516			
5,200.00	5,160.81	5,121.81	5,121.81	23.19	177.09	124.06	-1,258.31	7,325.35	7,760.59	7,560.49	200.10	38.784			
5,300.00	5,259.90	5,220.90	5,220.90	23.64	180.55	124.14	-1,258.31	7,325.35	7,768.20	7,564.20	204.00	38.080			
5,400.00	5,358.99	5,319.99	5,319.99	24.08	184.00	124.23	-1,258.31	7,325.35	7,775.82	7,567.92	207.90	37.402			
5,500.00	5,458.07	5,419.07	5,419.07	24.53	187.46	124.31	-1,258.31	7,325.35	7,783.46	7,571.66	211.80	36.749			
5,600.00	5,557.16	5,518.16	5,518.16	24.98	190.92	124.39	-1,258.31	7,325.35	7,791.12	7,575.42	215.70	36.120			
5,700.00	5,656.25	5,617.25	5,617.25	25.42	194.38	124.47	-1,258.31	7,325.35	7,798.79	7,579.19	219.60	35.513			
5,800.00	5,755.33	5,716.33	5,716.33	25.87	197.84	124.55	-1,258.31	7,325.35	7,806.48	7,582.97	223.50	34.928			
5,900.00	5,854.42	5,815.42	5,815.42	26.32	201.30	124.63	-1,258.31	7,325.35	7,814.18	7,586.78	227.41	34.362			
6,000.00	5,953.51	5,914.51	5,914.51	26.77	204.76	124.71	-1,258.31	7,325.35	7,821.90	7,590.59	231.31	33.816			
6,100.00	6,052.59	6,013.59	6,013.59	27.21	208.22	124.79	-1,258.31	7,325.35	7,829.64	7,594.43	235.21	33.288			
6,200.00	6,151.68	6,112.68	6,112.68	27.66	211.67	124.87	-1,258.31	7,325.35	7,837.39	7,598.27	239.11	32.777			
6,300.00	6,250.76	6,211.76	6,211.76	28.11	215.13	124.95	-1,258.31	7,325.35	7,845.15	7,602.14	243.02	32.283			
6,400.00	6,349.85	6,310.85	6,310.85	28.56	218.59	125.03	-1,258.31	7,325.35	7,852.93	7,606.02	246.92	31.804			
6,500.00	6,448.94	6,409.94	6,409.94	29.01	222.05	125.11	-1,258.31	7,325.35	7,860.73	7,609.91	250.82	31.340			
6,589.36	6,537.48	6,501.52	6,498.48	29.41	225.25	125.19	-1,258.31	7,325.35	7,867.71	7,613.30	254.41	30.925			
6,600.00	6,548.03	6,509.03	6,509.03	29.45	225.51	118.32	-1,258.31	7,325.35	7,868.46	7,613.73	254.72	30.890			
6,650.00	6,597.61	6,558.61	6,558.61	29.67	227.24	84.20	-1,258.31	7,325.35	7,869.67	7,612.99	256.67	30.660			
6,700.00	6,647.01	6,608.01	6,608.01	29.89	228.96	60.17	-1,258.31	7,325.35	7,867.08	7,608.48	258.61	30.421			
6,750.00	6,695.92	6,656.92	6,656.92	30.10	230.67	47.11	-1,258.31	7,325.35	7,860.73	7,600.21	260.52	30.173			
6,800.00	6,744.04	6,705.04	6,705.04	30.31	232.35	39.86	-1,258.31	7,325.35	7,850.65	7,588.26	262.39	29.919			
6,850.00	6,791.07	6,752.07	6,752.07	30.51	233.99	35.57	-1,258.31	7,325.35	7,836.91	7,572.68	264.22	29.660			
6,900.00	6,836.72	6,802.28	6,797.72	30.71	235.75	32.96	-1,258.31	7,325.35	7,819.58	7,553.43	266.15	29.380			
6,950.00	6,880.71	6,841.71	6,841.71	30.90	237.12	31.41	-1,258.31	7,325.35	7,798.80	7,531.11	267.69	29.134			
7,000.00	6,922.77	6,883.77	6,883.77	31.08	238.59	30.60	-1,258.31	7,325.35	7,774.67	7,505.36	269.31	28.869			
7,050.00	6,962.63	6,923.63	6,923.63	31.27	239.98	30.39	-1,258.31	7,325.35	7,747.37	7,476.53	270.84	28.605			
7,100.00	7,000.07	6,961.07	6,961.07	31.44	241.29	30.68	-1,258.31	7,325.35	7,717.05	7,444.78	272.27	28.343			
7,150.00	7,034.83	7,004.17	6,995.83	31.62	242.79	31.46	-1,258.31	7,325.35	7,683.91	7,410.02	273.89	28.054			
7,200.00	7,066.72	7,027.72	7,027.72	31.79	243.61	32.76	-1,258.31	7,325.35	7,648.16	7,373.34	274.82	27.830			
7,250.00	7,095.52	7,056.52	7,056.52	31.96	244.62	34.65	-1,258.31	7,325.35	7,610.01	7,334.09	275.92	27.581			
7,300.00	7,121.07	7,082.07	7,082.07	32.13	245.51	37.25	-1,258.31	7,325.35	7,569.71	7,292.82	276.89	27.338			
7,350.00	7,143.21	7,104.21	7,104.21	32.30	246.28	40.76	-1,258.31	7,325.35	7,527.50	7,249.76	277.74	27.103			
7,400.00	7,161.80	7,122.80	7,122.80	32.47	246.93	45.45	-1,258.31	7,325.35	7,483.65	7,205.20	278.45	26.876			
7,450.00	7,176.72	7,137.72	7,137.72	32.64	247.45	51.71	-1,258.31	7,325.35	7,438.42	7,159.39	279.03	26.658			
7,500.00	7,187.89	7,148.89	7,148.89	32.82	247.84	60.05	-1,258.31	7,325.35	7,392.10	7,112.63	279.47	26.450			
7,550.00	7,195.23	7,156.23	7,156.23	32.99	248.10	70.90	-1,258.31	7,325.35	7,344.97	7,065.19	279.77	26.253			
7,600.00	7,198.70	7,159.70	7,159.70	33.17	248.22	84.26	-1,258.31	7,325.35	7,297.31	7,017.37	279.94	26.067			
7,622.60	7,199.00	7,160.00	7,160.00	33.25	248.23	90.89	-1,258.31	7,325.35	7,275.68	6,995.71	279.97	25.987			
7,700.00	7,198.64	7,159.64	7,159.64	33.54	248.22	90.88	-1,258.31	7,325.35	7,201.58	6,921.55	280.03	25.718			
7,800.00	7,198.17	7,159.17	7,159.17	33.98	248.20	90.86	-1,258.31	7,325.35	7,105.94	6,825.84	280.11	25.369			
7,900.00	7,197.71	7,158.71	7,158.71	34.47	248.19	90.85	-1,258.31	7,325.35	7,010.43	6,730.23	280.20	25.019			
8,000.00	7,197.24	7,158.24	7,158.24	35.03	248.17	90.84	-1,258.31	7,325.35	6,915.05	6,634.74	280.30	24.670			
8,100.00	7,196.78	7,157.78	7,157.78	35.64	248.15	90.83	-1,258.31	7,325.35	6,819.79	6,539.37	280.42	24.320			
8,200.00	7,196.31	7,157.31	7,157.31	36.30	248.14	90.81	-1,258.31	7,325.35	6,724.68	6,444.13	280.55	23.970			
8,300.00	7,195.85	7,156.85	7,156.85	37.01	248.12	90.80	-1,258.31	7,325.35	6,629.71	6,349.02	280.69	23.619			
8,400.00	7,195.38	7,156.38	7,156.38	37.77	248.11	90.79	-1,258.31	7,325.35	6,534.88	6,254.04	280.84	23.269			
8,500.00	7,194.92	7,155.92	7,155.92	38.57	248.09	90.78	-1,258.31	7,325.35	6,440.22	6,159.21	281.01	22.918			
8,600.00	7,194.46	7,155.46	7,155.46	39.41	248.07	90.76	-1,258.31	7,325.35	6,345.72	6,064.52	281.20	22.567			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,700.00	7,193.99	7,154.99	7,154.99	40.30	248.06	90.75	-1,258.31	7,325.35	6,251.39	5,969.99	281.40	22.215			
8,800.00	7,193.53	7,154.53	7,154.53	41.22	248.04	90.74	-1,258.31	7,325.35	6,157.24	5,875.62	281.62	21.864			
8,900.00	7,193.06	7,154.06	7,154.06	42.17	248.02	90.72	-1,258.31	7,325.35	6,063.27	5,781.42	281.86	21.512			
9,000.00	7,192.60	7,153.60	7,153.60	43.16	248.01	90.71	-1,258.31	7,325.35	5,969.50	5,687.39	282.11	21.160			
9,100.00	7,192.13	7,153.13	7,153.13	44.17	247.99	90.70	-1,258.31	7,325.35	5,875.94	5,593.55	282.39	20.808			
9,200.00	7,191.67	7,152.67	7,152.67	45.22	247.98	90.69	-1,258.31	7,325.35	5,782.59	5,499.91	282.69	20.456			
9,300.00	7,191.20	7,152.20	7,152.20	46.29	247.96	90.67	-1,258.31	7,325.35	5,689.47	5,406.47	283.01	20.104			
9,400.00	7,190.74	7,151.74	7,151.74	47.38	247.94	90.66	-1,258.31	7,325.35	5,596.59	5,313.24	283.35	19.752			
9,500.00	7,190.27	7,151.27	7,151.27	48.50	247.93	90.65	-1,258.31	7,325.35	5,503.95	5,220.24	283.72	19.399			
9,600.00	7,189.81	7,150.81	7,150.81	49.64	247.91	90.64	-1,258.31	7,325.35	5,411.58	5,127.47	284.11	19.047			
9,700.00	7,189.34	7,150.34	7,150.34	50.80	247.90	90.62	-1,258.31	7,325.35	5,319.49	5,034.95	284.54	18.695			
9,800.00	7,188.88	7,149.88	7,149.88	51.98	247.88	90.61	-1,258.31	7,325.35	5,227.68	4,942.69	284.99	18.343			
9,900.00	7,188.41	7,149.41	7,149.41	53.17	247.86	90.60	-1,258.31	7,325.35	5,136.18	4,850.71	285.47	17.992			
10,000.00	7,187.95	7,148.95	7,148.95	54.38	247.85	90.58	-1,258.31	7,325.35	5,045.00	4,759.01	285.99	17.641			
10,100.00	7,187.49	7,148.49	7,148.49	55.61	247.83	90.57	-1,258.31	7,325.35	4,954.16	4,667.63	286.54	17.290			
10,200.00	7,187.02	7,148.02	7,148.02	56.85	247.81	90.56	-1,258.31	7,325.35	4,863.69	4,576.56	287.12	16.939			
10,300.00	7,186.56	7,147.56	7,147.56	58.10	247.80	90.55	-1,258.31	7,325.35	4,773.59	4,485.84	287.75	16.590			
10,400.00	7,186.09	7,147.09	7,147.09	59.37	247.78	90.53	-1,258.31	7,325.35	4,683.89	4,395.48	288.41	16.240			
10,500.00	7,185.63	7,146.63	7,146.63	60.64	247.77	90.52	-1,258.31	7,325.35	4,594.62	4,305.51	289.12	15.892			
10,600.00	7,185.16	7,146.16	7,146.16	61.93	247.75	90.51	-1,258.31	7,325.35	4,505.80	4,215.94	289.87	15.544			
10,700.00	7,184.70	7,145.70	7,145.70	63.23	247.73	90.50	-1,258.31	7,325.35	4,417.46	4,126.80	290.66	15.198			
10,800.00	7,184.23	7,145.23	7,145.23	64.54	247.72	90.48	-1,258.31	7,325.35	4,329.63	4,038.12	291.50	14.853			
10,900.00	7,183.77	7,144.77	7,144.77	65.85	247.70	90.47	-1,258.31	7,325.35	4,242.33	3,949.93	292.40	14.509			
11,000.00	7,183.30	7,144.30	7,144.30	67.18	247.68	90.46	-1,258.31	7,325.35	4,155.61	3,862.26	293.35	14.166			
11,100.00	7,182.84	7,143.84	7,143.84	68.51	247.67	90.44	-1,258.31	7,325.35	4,069.49	3,775.14	294.35	13.825			
11,200.00	7,182.37	7,143.37	7,143.37	69.85	247.65	90.43	-1,258.31	7,325.35	3,984.03	3,688.61	295.41	13.486			
11,300.00	7,181.91	7,142.91	7,142.91	71.20	247.64	90.42	-1,258.31	7,325.35	3,899.25	3,602.72	296.53	13.149			
11,400.00	7,181.45	7,142.45	7,142.45	72.56	247.62	90.41	-1,258.31	7,325.35	3,815.21	3,517.49	297.72	12.815			
11,500.00	7,180.98	7,141.98	7,141.98	73.92	247.60	90.39	-1,258.31	7,325.35	3,731.96	3,432.99	298.97	12.483			
11,600.00	7,180.52	7,141.52	7,141.52	75.29	247.59	90.38	-1,258.31	7,325.35	3,649.55	3,349.26	300.30	12.153			
11,700.00	7,180.05	7,141.05	7,141.05	76.66	247.57	90.37	-1,258.31	7,325.35	3,568.05	3,266.35	301.69	11.827			
11,800.00	7,179.59	7,140.59	7,140.59	78.04	247.55	90.36	-1,258.31	7,325.35	3,487.50	3,184.34	303.16	11.504			
11,900.00	7,179.12	7,140.12	7,140.12	79.42	247.54	90.34	-1,258.31	7,325.35	3,407.98	3,103.27	304.71	11.184			
12,000.00	7,178.66	7,139.66	7,139.66	80.81	247.52	90.33	-1,258.31	7,325.35	3,329.57	3,023.23	306.34	10.869			
12,100.00	7,178.19	7,139.19	7,139.19	82.20	247.51	90.32	-1,258.31	7,325.35	3,252.34	2,944.30	308.05	10.558			
12,200.00	7,177.73	7,138.73	7,138.73	83.60	247.49	90.30	-1,258.31	7,325.35	3,176.39	2,866.55	309.84	10.252			
12,300.00	7,177.26	7,138.26	7,138.26	85.00	247.47	90.29	-1,258.31	7,325.35	3,101.79	2,790.07	311.72	9.951			
12,400.00	7,176.80	7,137.80	7,137.80	86.41	247.46	90.28	-1,258.31	7,325.35	3,028.67	2,714.98	313.69	9.655			
12,500.00	7,176.33	7,137.33	7,137.33	87.82	247.44	90.27	-1,258.31	7,325.35	2,957.11	2,641.37	315.74	9.366			
12,600.00	7,175.87	7,136.87	7,136.87	89.23	247.42	90.25	-1,258.31	7,325.35	2,887.25	2,569.36	317.89	9.083			
12,700.00	7,175.40	7,136.40	7,136.40	90.65	247.41	90.24	-1,258.31	7,325.35	2,819.20	2,499.09	320.12	8.807			
12,800.00	7,174.94	7,135.94	7,135.94	92.07	247.39	90.23	-1,258.31	7,325.35	2,753.11	2,430.68	322.43	8.539			
12,900.00	7,174.48	7,135.48	7,135.48	93.49	247.38	90.22	-1,258.31	7,325.35	2,689.10	2,364.28	324.82	8.279			
13,000.00	7,174.01	7,135.01	7,135.01	94.91	247.36	90.20	-1,258.31	7,325.35	2,627.35	2,300.05	327.30	8.027			
13,100.00	7,173.55	7,134.55	7,134.55	96.34	247.34	90.19	-1,258.31	7,325.35	2,568.01	2,238.17	329.84	7.786			
13,200.00	7,173.08	7,134.08	7,134.08	97.77	247.33	90.18	-1,258.31	7,325.35	2,511.25	2,178.81	332.44	7.554			
13,300.00	7,172.62	7,133.62	7,133.62	99.21	247.31	90.16	-1,258.31	7,325.35	2,457.24	2,122.15	335.09	7.333			
13,400.00	7,172.15	7,133.15	7,133.15	100.64	247.30	90.15	-1,258.31	7,325.35	2,406.19	2,068.41	337.78	7.124			
13,500.00	7,171.69	7,132.69	7,132.69	102.08	247.28	90.14	-1,258.31	7,325.35	2,358.27	2,017.78	340.48	6.926			
13,600.00	7,171.22	7,132.22	7,132.22	103.52	247.26	90.13	-1,258.31	7,325.35	2,313.68	1,970.49	343.19	6.742			
13,700.00	7,170.76	7,131.76	7,131.76	104.97	247.25	90.11	-1,258.31	7,325.35	2,272.62	1,926.74	345.88	6.570			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - BARNEY #2 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
13,800.00	7,170.29	7,131.29	7,131.29	106.41	247.23	90.10	-1,258.31	7,325.35	2,235.28	1,886.75	348.53	6.413					
13,900.00	7,169.83	7,130.83	7,130.83	107.86	247.21	90.09	-1,258.31	7,325.35	2,201.86	1,850.75	351.11	6.271					
14,000.00	7,169.36	7,130.36	7,130.36	109.31	247.20	90.08	-1,258.31	7,325.35	2,172.52	1,818.93	353.60	6.144					
14,100.00	7,168.90	7,129.90	7,129.90	110.76	247.18	90.06	-1,258.31	7,325.35	2,147.45	1,791.49	355.96	6.033					
14,200.00	7,168.44	7,129.44	7,129.44	112.21	247.17	90.05	-1,258.31	7,325.35	2,126.79	1,768.61	358.18	5.938					
14,300.00	7,167.97	7,128.97	7,128.97	113.67	247.15	90.04	-1,258.31	7,325.35	2,110.67	1,750.45	360.22	5.859					
14,400.00	7,167.51	7,128.51	7,128.51	115.12	247.13	90.02	-1,258.31	7,325.35	2,099.19	1,737.13	362.06	5.798					
14,500.00	7,167.04	7,128.04	7,128.04	116.58	247.12	90.01	-1,258.31	7,325.35	2,092.44	1,728.75	363.69	5.753					
14,591.58	7,166.62	7,127.62	7,127.62	117.92	247.10	90.00	-1,258.31	7,325.35	2,090.43	1,725.46	364.97	5.728 CC					
14,600.00	7,166.58	7,127.58	7,127.58	118.04	247.10	90.00	-1,258.31	7,325.35	2,090.45	1,725.37	365.08	5.726 ES					
14,700.00	7,166.11	7,127.11	7,127.11	119.50	247.08	89.99	-1,258.31	7,325.35	2,093.24	1,727.01	366.23	5.716 SF					
14,800.00	7,165.65	7,126.65	7,126.65	120.97	247.07	89.97	-1,258.31	7,325.35	2,100.80	1,733.68	367.12	5.722					
14,900.00	7,165.18	7,126.18	7,126.18	122.43	247.05	89.96	-1,258.31	7,325.35	2,113.06	1,745.30	367.76	5.746					
15,000.00	7,164.72	7,125.72	7,125.72	123.90	247.04	89.95	-1,258.31	7,325.35	2,129.96	1,761.81	368.15	5.786					
15,100.00	7,164.25	7,125.25	7,125.25	125.36	247.02	89.94	-1,258.31	7,325.35	2,151.37	1,783.07	368.30	5.841					
15,200.00	7,163.79	7,124.79	7,124.79	126.83	247.00	89.92	-1,258.31	7,325.35	2,177.17	1,808.95	368.22	5.913					
15,300.00	7,163.32	7,124.32	7,124.32	128.30	246.99	89.91	-1,258.31	7,325.35	2,207.21	1,839.27	367.94	5.999					
15,400.00	7,162.86	7,123.86	7,123.86	129.77	246.97	89.90	-1,258.31	7,325.35	2,241.30	1,873.85	367.46	6.100					
15,500.00	7,162.39	7,123.39	7,123.39	131.24	246.95	89.88	-1,258.31	7,325.35	2,279.28	1,912.47	366.81	6.214					
15,600.00	7,161.93	7,122.93	7,122.93	132.71	246.94	89.87	-1,258.31	7,325.35	2,320.95	1,954.94	366.00	6.341					
15,700.00	7,161.47	7,122.47	7,122.47	134.19	246.92	89.86	-1,258.31	7,325.35	2,366.11	2,001.04	365.07	6.481					
15,800.00	7,161.00	7,122.00	7,122.00	135.66	246.91	89.85	-1,258.31	7,325.35	2,414.57	2,050.54	364.03	6.633					
15,900.00	7,160.54	7,121.54	7,121.54	137.14	246.89	89.83	-1,258.31	7,325.35	2,466.14	2,103.24	362.90	6.796					
16,000.00	7,160.07	7,121.07	7,121.07	138.61	246.87	89.82	-1,258.31	7,325.35	2,520.62	2,158.92	361.70	6.969					
16,100.00	7,159.61	7,120.61	7,120.61	140.09	246.86	89.81	-1,258.31	7,325.35	2,577.83	2,217.38	360.44	7.152					
16,200.00	7,159.14	7,120.14	7,120.14	141.57	246.84	89.80	-1,258.31	7,325.35	2,637.59	2,278.44	359.15	7.344					
16,300.00	7,158.68	7,119.68	7,119.68	143.05	246.82	89.78	-1,258.31	7,325.35	2,699.73	2,341.91	357.82	7.545					
16,400.00	7,158.21	7,119.21	7,119.21	144.53	246.81	89.77	-1,258.31	7,325.35	2,764.10	2,407.61	356.48	7.754					
16,500.00	7,157.75	7,118.75	7,118.75	146.01	246.79	89.76	-1,258.31	7,325.35	2,830.53	2,475.39	355.14	7.970					
16,600.00	7,157.28	7,118.28	7,118.28	147.49	246.78	89.74	-1,258.31	7,325.35	2,898.89	2,545.10	353.80	8.194					
16,700.00	7,156.82	7,117.82	7,117.82	148.97	246.76	89.73	-1,258.31	7,325.35	2,969.05	2,616.59	352.46	8.424					
16,800.00	7,156.35	7,117.35	7,117.35	150.45	246.74	89.72	-1,258.31	7,325.35	3,040.88	2,689.73	351.14	8.660					
16,900.00	7,155.89	7,116.89	7,116.89	151.94	246.73	89.71	-1,258.31	7,325.35	3,114.26	2,764.41	349.84	8.902					
17,000.00	7,155.43	7,116.43	7,116.43	153.42	246.71	89.69	-1,258.31	7,325.35	3,189.09	2,840.52	348.57	9.149					
17,100.00	7,154.96	7,115.96	7,115.96	154.90	246.69	89.68	-1,258.31	7,325.35	3,265.26	2,917.94	347.32	9.401					
17,200.00	7,154.50	7,115.50	7,115.50	156.39	246.68	89.67	-1,258.31	7,325.35	3,342.70	2,996.60	346.10	9.658					
17,300.00	7,154.03	7,115.03	7,115.03	157.88	246.66	89.66	-1,258.31	7,325.35	3,421.30	3,076.39	344.91	9.919					
17,400.00	7,153.57	7,114.57	7,114.57	159.36	246.65	89.64	-1,258.31	7,325.35	3,501.00	3,157.24	343.75	10.185					
17,500.00	7,153.10	7,114.10	7,114.10	160.85	246.63	89.63	-1,258.31	7,325.35	3,581.71	3,239.08	342.63	10.454					
17,600.00	7,152.64	7,113.64	7,113.64	162.34	246.61	89.62	-1,258.31	7,325.35	3,663.37	3,321.84	341.54	10.726					
17,700.00	7,152.17	7,113.17	7,113.17	163.83	246.60	89.60	-1,258.31	7,325.35	3,745.93	3,405.45	340.48	11.002					
17,737.15	7,152.00	7,113.00	7,113.00	164.38	246.59	89.60	-1,258.31	7,325.35	3,776.81	3,436.72	340.10	11.105					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	74.64	1,054.23	3,838.98	3,981.16					
100.00	100.00	78.00	78.00	3.28	3.55	74.64	1,054.23	3,838.98	3,981.10	3,974.26	6.84	582.416		
200.00	200.00	178.00	178.00	3.34	5.54	74.64	1,054.23	3,838.98	3,981.10	3,972.22	8.88	448.418		
300.00	300.00	278.00	278.00	3.44	8.61	74.64	1,054.23	3,838.98	3,981.10	3,969.05	12.05	330.371		
400.00	400.00	378.00	378.00	3.60	11.91	74.64	1,054.23	3,838.98	3,981.10	3,965.59	15.51	256.683		
500.00	499.99	477.99	477.99	3.80	15.30	134.65	1,054.23	3,838.98	3,981.71	3,962.62	19.10	208.521		
600.00	599.96	577.96	577.96	4.03	18.72	134.66	1,054.23	3,838.98	3,983.55	3,960.80	22.75	175.074		
700.00	699.86	677.86	677.86	4.30	22.16	134.69	1,054.23	3,838.98	3,986.62	3,960.16	26.46	150.650		
790.00	789.74	767.74	767.74	4.57	25.27	134.73	1,054.23	3,838.98	3,989.94	3,960.10	29.83	133.742		
800.00	799.73	777.73	777.73	4.60	25.62	131.60	1,054.23	3,838.98	3,990.30	3,960.09	30.21	132.090		
900.00	899.50	877.50	877.50	4.92	29.07	110.53	1,054.23	3,838.98	3,993.50	3,959.52	33.98	117.518		
1,000.00	999.05	977.05	977.05	5.26	32.53	100.42	1,054.23	3,838.98	3,995.90	3,958.13	37.77	105.794		
1,077.14	1,075.61	1,053.61	1,053.61	5.53	35.19	95.92	1,054.23	3,838.98	3,997.21	3,956.51	40.70	98.218		
1,100.00	1,098.26	1,076.26	1,076.26	5.61	35.98	95.97	1,054.23	3,838.98	3,997.53	3,955.97	41.57	96.175		
1,200.00	1,197.35	1,175.35	1,175.35	5.98	39.42	96.16	1,054.23	3,838.98	3,998.97	3,953.60	45.37	88.138		
1,300.00	1,296.44	1,274.44	1,274.44	6.35	42.87	96.35	1,054.23	3,838.98	4,000.45	3,951.26	49.19	81.324		
1,400.00	1,395.52	1,373.52	1,373.52	6.73	46.32	96.54	1,054.23	3,838.98	4,001.98	3,948.95	53.02	75.477		
1,500.00	1,494.61	1,472.61	1,472.61	7.12	49.77	96.73	1,054.23	3,838.98	4,003.55	3,946.68	56.86	70.408		
1,600.00	1,593.70	1,571.70	1,571.70	7.52	53.22	96.92	1,054.23	3,838.98	4,005.16	3,944.45	60.71	65.972		
1,700.00	1,692.78	1,670.78	1,670.78	7.93	56.68	97.11	1,054.23	3,838.98	4,006.82	3,942.26	64.56	62.060		
1,800.00	1,791.87	1,769.87	1,769.87	8.33	60.13	97.30	1,054.23	3,838.98	4,008.53	3,940.11	68.42	58.585		
1,900.00	1,890.95	1,868.95	1,868.95	8.75	63.58	97.48	1,054.23	3,838.98	4,010.28	3,937.99	72.29	55.477		
2,000.00	1,990.04	1,968.04	1,968.04	9.16	67.04	97.67	1,054.23	3,838.98	4,012.07	3,935.92	76.15	52.683		
2,100.00	2,089.13	2,067.13	2,067.13	9.58	70.49	97.86	1,054.23	3,838.98	4,013.91	3,933.89	80.03	50.157		
2,200.00	2,188.21	2,166.21	2,166.21	10.01	73.95	98.05	1,054.23	3,838.98	4,015.80	3,931.90	83.90	47.864		
2,300.00	2,287.30	2,265.30	2,265.30	10.43	77.41	98.24	1,054.23	3,838.98	4,017.73	3,929.95	87.78	45.771		
2,400.00	2,386.39	2,364.39	2,364.39	10.86	80.86	98.43	1,054.23	3,838.98	4,019.70	3,928.04	91.66	43.856		
2,500.00	2,485.47	2,463.47	2,463.47	11.29	84.32	98.62	1,054.23	3,838.98	4,021.71	3,926.17	95.54	42.095		
2,600.00	2,584.56	2,562.56	2,562.56	11.72	87.77	98.81	1,054.23	3,838.98	4,023.77	3,924.35	99.42	40.471		
2,700.00	2,683.65	2,661.65	2,661.65	12.15	91.23	98.99	1,054.23	3,838.98	4,025.88	3,922.57	103.31	38.970		
2,800.00	2,782.73	2,760.73	2,760.73	12.58	94.69	99.18	1,054.23	3,838.98	4,028.03	3,920.83	107.19	37.577		
2,900.00	2,881.82	2,859.82	2,859.82	13.02	98.15	99.37	1,054.23	3,838.98	4,030.22	3,919.14	111.08	36.281		
3,000.00	2,980.91	2,958.91	2,958.91	13.45	101.60	99.56	1,054.23	3,838.98	4,032.46	3,917.49	114.97	35.074		
3,100.00	3,079.99	3,057.99	3,057.99	13.89	105.06	99.74	1,054.23	3,838.98	4,034.74	3,915.88	118.86	33.945		
3,200.00	3,179.08	3,157.08	3,157.08	14.33	108.52	99.93	1,054.23	3,838.98	4,037.06	3,914.31	122.75	32.888		
3,300.00	3,278.17	3,256.17	3,256.17	14.76	111.98	100.12	1,054.23	3,838.98	4,039.43	3,912.79	126.64	31.896		
3,400.00	3,377.25	3,355.25	3,355.25	15.20	115.43	100.30	1,054.23	3,838.98	4,041.84	3,911.31	130.54	30.963		
3,500.00	3,476.34	3,454.34	3,454.34	15.64	118.89	100.49	1,054.23	3,838.98	4,044.30	3,909.87	134.43	30.085		
3,600.00	3,575.43	3,553.43	3,553.43	16.08	122.35	100.68	1,054.23	3,838.98	4,046.80	3,908.47	138.33	29.256		
3,700.00	3,674.51	3,652.51	3,652.51	16.53	125.81	100.86	1,054.23	3,838.98	4,049.34	3,907.12	142.22	28.472		
3,800.00	3,773.60	3,751.60	3,751.60	16.97	129.26	101.05	1,054.23	3,838.98	4,051.92	3,905.81	146.12	27.731		
3,900.00	3,872.69	3,850.69	3,850.69	17.41	132.72	101.23	1,054.23	3,838.98	4,054.55	3,904.54	150.01	27.028		
4,000.00	3,971.77	3,949.77	3,949.77	17.85	136.18	101.42	1,054.23	3,838.98	4,057.22	3,903.32	153.91	26.361		
4,100.00	4,070.86	4,048.86	4,048.86	18.29	139.64	101.60	1,054.23	3,838.98	4,059.94	3,902.13	157.81	25.727		
4,200.00	4,169.95	4,147.95	4,147.95	18.74	143.10	101.79	1,054.23	3,838.98	4,062.70	3,900.99	161.70	25.124		
4,300.00	4,269.03	4,247.03	4,247.03	19.18	146.56	101.97	1,054.23	3,838.98	4,065.50	3,899.90	165.60	24.550		
4,400.00	4,368.12	4,346.12	4,346.12	19.63	150.01	102.16	1,054.23	3,838.98	4,068.34	3,898.84	169.50	24.002		
4,500.00	4,467.21	4,445.21	4,445.21	20.07	153.47	102.34	1,054.23	3,838.98	4,071.23	3,897.83	173.40	23.479		
4,600.00	4,566.29	4,544.29	4,544.29	20.52	156.93	102.52	1,054.23	3,838.98	4,074.16	3,896.86	177.30	22.979		
4,700.00	4,665.38	4,643.38	4,643.38	20.96	160.39	102.71	1,054.23	3,838.98	4,077.13	3,895.93	181.20	22.501		
4,800.00	4,764.47	4,742.47	4,742.47	21.41	163.85	102.89	1,054.23	3,838.98	4,080.14	3,895.04	185.10	22.043		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - BERRY #22-2 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)		(ft)	(ft)	(ft)					
4,900.00	4,863.55	4,841.55	4,841.55	21.85	167.31	103.07	1,054.23	3,838.98		4,083.20	3,894.20	188.99	21.605				
5,000.00	4,962.64	4,940.64	4,940.64	22.30	170.76	103.26	1,054.23	3,838.98		4,086.29	3,893.40	192.89	21.184				
5,100.00	5,061.73	5,039.73	5,039.73	22.74	174.22	103.44	1,054.23	3,838.98		4,089.43	3,892.64	196.79	20.780				
5,200.00	5,160.81	5,138.81	5,138.81	23.19	177.68	103.62	1,054.23	3,838.98		4,092.62	3,891.92	200.70	20.392				
5,300.00	5,259.90	5,237.90	5,237.90	23.64	181.14	103.80	1,054.23	3,838.98		4,095.84	3,891.24	204.60	20.019				
5,400.00	5,358.99	5,336.99	5,336.99	24.08	184.60	103.98	1,054.23	3,838.98		4,099.11	3,890.61	208.50	19.660				
5,500.00	5,458.07	5,436.07	5,436.07	24.53	188.06	104.16	1,054.23	3,838.98		4,102.41	3,890.02	212.40	19.315				
5,600.00	5,557.16	5,535.16	5,535.16	24.98	191.52	104.35	1,054.23	3,838.98		4,105.76	3,889.46	216.30	18.982				
5,700.00	5,656.25	5,634.25	5,634.25	25.42	194.97	104.53	1,054.23	3,838.98		4,109.15	3,888.95	220.20	18.661				
5,800.00	5,755.33	5,733.33	5,733.33	25.87	198.43	104.71	1,054.23	3,838.98		4,112.58	3,888.48	224.10	18.351				
5,900.00	5,854.42	5,832.42	5,832.42	26.32	201.89	104.89	1,054.23	3,838.98		4,116.06	3,888.06	228.00	18.053				
6,000.00	5,953.51	5,931.51	5,931.51	26.77	205.35	105.07	1,054.23	3,838.98		4,119.57	3,887.67	231.90	17.764				
6,100.00	6,052.59	6,030.59	6,030.59	27.21	208.81	105.25	1,054.23	3,838.98		4,123.13	3,887.32	235.81	17.485				
6,200.00	6,151.68	6,129.68	6,129.68	27.66	212.27	105.42	1,054.23	3,838.98		4,126.73	3,887.02	239.71	17.216				
6,300.00	6,250.76	6,228.76	6,228.76	28.11	215.73	105.60	1,054.23	3,838.98		4,130.36	3,886.75	243.61	16.955				
6,400.00	6,349.85	6,327.85	6,327.85	28.56	219.18	105.78	1,054.23	3,838.98		4,134.04	3,886.53	247.51	16.702				
6,500.00	6,448.94	6,426.94	6,426.94	29.01	222.64	105.96	1,054.23	3,838.98		4,137.76	3,886.35	251.42	16.458				
6,589.36	6,537.48	6,515.48	6,515.48	29.41	225.73	106.12	1,054.23	3,838.98		4,141.12	3,886.22	254.90	16.246				
6,600.00	6,548.03	6,526.03	6,526.03	29.45	226.10	99.28	1,054.23	3,838.98		4,141.43	3,886.11	255.32	16.221				
6,650.00	6,597.61	6,575.61	6,575.61	29.67	227.83	65.23	1,054.23	3,838.98		4,140.54	3,883.27	257.27	16.094				
6,700.00	6,647.01	6,625.01	6,625.01	29.89	229.56	41.14	1,054.23	3,838.98		4,135.74	3,876.54	259.20	15.956				
6,750.00	6,695.92	6,673.92	6,673.92	30.10	231.26	27.89	1,054.23	3,838.98		4,127.08	3,865.96	261.12	15.806				
6,800.00	6,744.04	6,722.04	6,722.04	30.31	232.94	20.32	1,054.23	3,838.98		4,114.59	3,851.60	262.99	15.645				
6,850.00	6,791.07	6,769.07	6,769.07	30.51	234.59	15.57	1,054.23	3,838.98		4,098.36	3,833.55	264.82	15.476				
6,900.00	6,836.72	6,814.72	6,814.72	30.71	236.18	12.34	1,054.23	3,838.98		4,078.49	3,811.91	266.59	15.299				
6,950.00	6,880.71	6,858.71	6,858.71	30.90	237.72	9.99	1,054.23	3,838.98		4,055.10	3,786.81	268.28	15.115				
7,000.00	6,922.77	6,900.77	6,900.77	31.08	239.18	8.18	1,054.23	3,838.98		4,028.32	3,758.42	269.90	14.925				
7,050.00	6,962.63	6,940.63	6,940.63	31.27	240.57	6.71	1,054.23	3,838.98		3,998.33	3,726.90	271.43	14.731				
7,100.00	7,000.07	6,978.07	6,978.07	31.44	241.88	5.45	1,054.23	3,838.98		3,965.30	3,692.45	272.85	14.533				
7,150.00	7,034.83	7,012.83	7,012.83	31.62	243.10	4.30	1,054.23	3,838.98		3,929.45	3,655.28	274.17	14.332				
7,200.00	7,066.72	7,044.72	7,044.72	31.79	244.21	3.18	1,054.23	3,838.98		3,890.98	3,615.61	275.38	14.130				
7,250.00	7,095.52	7,073.52	7,073.52	31.96	245.21	2.02	1,054.23	3,838.98		3,850.15	3,573.68	276.46	13.926				
7,300.00	7,121.07	7,100.93	7,099.07	32.13	246.17	0.70	1,054.23	3,838.98		3,807.19	3,529.70	277.48	13.720				
7,350.00	7,143.21	7,121.21	7,121.21	32.30	246.88	-0.92	1,054.23	3,838.98		3,762.37	3,484.13	278.24	13.522				
7,400.00	7,161.80	7,139.80	7,139.80	32.47	247.53	-3.11	1,054.23	3,838.98		3,715.97	3,437.04	278.93	13.322				
7,450.00	7,176.72	7,154.72	7,154.72	32.64	248.05	-6.43	1,054.23	3,838.98		3,668.27	3,388.80	279.48	13.126				
7,500.00	7,187.89	7,165.89	7,165.89	32.82	248.44	-12.29	1,054.23	3,838.98		3,619.58	3,339.70	279.88	12.932				
7,550.00	7,195.23	7,173.23	7,173.23	32.99	248.69	-25.29	1,054.23	3,838.98		3,570.19	3,290.04	280.15	12.744				
7,600.00	7,198.70	7,176.70	7,176.70	33.17	248.82	-63.74	1,054.23	3,838.98		3,520.40	3,240.13	280.27	12.561				
7,622.60	7,199.00	7,177.00	7,177.00	33.25	248.83	-93.97	1,054.23	3,838.98		3,497.85	3,217.57	280.28	12.480				
7,700.00	7,198.64	7,176.64	7,176.64	33.54	248.81	-93.89	1,054.23	3,838.98		3,420.63	3,140.36	280.27	12.205				
7,800.00	7,198.17	7,176.17	7,176.17	33.98	248.80	-93.77	1,054.23	3,838.98		3,320.87	3,040.62	280.25	11.850				
7,900.00	7,197.71	7,175.71	7,175.71	34.47	248.78	-93.66	1,054.23	3,838.98		3,221.12	2,940.90	280.23	11.495				
8,000.00	7,197.24	7,175.24	7,175.24	35.03	248.76	-93.55	1,054.23	3,838.98		3,121.40	2,841.18	280.21	11.139				
8,100.00	7,196.78	7,174.78	7,174.78	35.64	248.75	-93.43	1,054.23	3,838.98		3,021.69	2,741.49	280.20	10.784				
8,200.00	7,196.31	7,174.31	7,174.31	36.30	248.73	-93.32	1,054.23	3,838.98		2,922.00	2,641.81	280.18	10.429				
8,300.00	7,195.85	7,173.85	7,173.85	37.01	248.72	-93.20	1,054.23	3,838.98		2,822.33	2,542.16	280.17	10.074				
8,400.00	7,195.38	7,173.38	7,173.38	37.77	248.70	-93.09	1,054.23	3,838.98		2,722.69	2,442.53	280.16	9.718				
8,500.00	7,194.92	7,172.92	7,172.92	38.57	248.68	-92.98	1,054.23	3,838.98		2,623.07	2,342.92	280.15	9.363				
8,600.00	7,194.46	7,172.46	7,172.46	39.41	248.67	-92.86	1,054.23	3,838.98		2,523.48	2,243.34	280.14	9.008				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,193.99	7,171.99	7,171.99	40.30	248.65	-92.75	1,054.23	3,838.98	2,423.93	2,143.80	280.13	8.653		
8,800.00	7,193.53	7,171.53	7,171.53	41.22	248.63	-92.64	1,054.23	3,838.98	2,324.42	2,044.28	280.13	8.298		
8,900.00	7,193.06	7,171.06	7,171.06	42.17	248.62	-92.52	1,054.23	3,838.98	2,224.94	1,944.81	280.13	7.943		
9,000.00	7,192.60	7,170.60	7,170.60	43.16	248.60	-92.41	1,054.23	3,838.98	2,125.52	1,845.39	280.13	7.588		
9,100.00	7,192.13	7,170.13	7,170.13	44.17	248.59	-92.29	1,054.23	3,838.98	2,026.16	1,746.02	280.14	7.233		
9,200.00	7,191.67	7,169.67	7,169.67	45.22	248.57	-92.18	1,054.23	3,838.98	1,926.86	1,646.71	280.15	6.878		
9,300.00	7,191.20	7,169.20	7,169.20	46.29	248.55	-92.07	1,054.23	3,838.98	1,827.64	1,547.46	280.17	6.523		
9,400.00	7,190.74	7,168.74	7,168.74	47.38	248.54	-91.95	1,054.23	3,838.98	1,728.50	1,448.30	280.20	6.169		
9,500.00	7,190.27	7,168.27	7,168.27	48.50	248.52	-91.84	1,054.23	3,838.98	1,629.48	1,349.24	280.24	5.815		
9,600.00	7,189.81	7,167.81	7,167.81	49.64	248.50	-91.72	1,054.23	3,838.98	1,530.58	1,250.28	280.29	5.461		
9,700.00	7,189.34	7,167.34	7,167.34	50.80	248.49	-91.61	1,054.23	3,838.98	1,431.83	1,151.46	280.36	5.107		
9,800.00	7,188.88	7,166.88	7,166.88	51.98	248.47	-91.50	1,054.23	3,838.98	1,333.27	1,052.80	280.46	4.754		
9,900.00	7,188.41	7,166.41	7,166.41	53.17	248.46	-91.38	1,054.23	3,838.98	1,234.94	954.34	280.60	4.401		
10,000.00	7,187.95	7,165.95	7,165.95	54.38	248.44	-91.27	1,054.23	3,838.98	1,136.90	856.12	280.78	4.049		
10,100.00	7,187.49	7,165.49	7,165.49	55.61	248.42	-91.15	1,054.23	3,838.98	1,039.23	758.20	281.03	3.698		
10,200.00	7,187.02	7,165.02	7,165.02	56.85	248.41	-91.04	1,054.23	3,838.98	942.05	660.66	281.39	3.348		
10,300.00	7,186.56	7,164.56	7,164.56	58.10	248.39	-90.93	1,054.23	3,838.98	845.54	563.63	281.91	2.999		
10,400.00	7,186.09	7,164.09	7,164.09	59.37	248.38	-90.81	1,054.23	3,838.98	749.93	467.27	282.66	2.653		
10,500.00	7,185.63	7,163.63	7,163.63	60.64	248.36	-90.70	1,054.23	3,838.98	655.64	371.84	283.80	2.310		
10,600.00	7,185.16	7,163.16	7,163.16	61.93	248.34	-90.58	1,054.23	3,838.98	563.32	277.75	285.56	1.973		
10,700.00	7,184.70	7,162.70	7,162.70	63.23	248.33	-90.47	1,054.23	3,838.98	474.12	185.77	288.35	1.644		
10,800.00	7,184.23	7,162.23	7,162.23	64.54	248.31	-90.36	1,054.23	3,838.98	390.20	97.37	292.82	1.333 Level 3		
10,900.00	7,183.77	7,161.77	7,161.77	65.85	248.29	-90.24	1,054.23	3,838.98	315.78	15.98	299.79	1.053 Level 2		
11,000.00	7,183.30	7,161.30	7,161.30	67.18	248.28	-90.13	1,054.23	3,838.98	259.19	-49.92	309.11	0.839 Level 1		
11,100.00	7,182.84	7,160.84	7,160.84	68.51	248.26	-90.01	1,054.23	3,838.98	233.75	-82.71	316.46	0.739 Level 1		
11,112.69	7,182.78	7,160.78	7,160.78	68.68	248.26	-90.00	1,054.23	3,838.98	233.41	-83.46	316.87	0.737 Level 1, CC, ES, SF		
11,200.00	7,182.37	7,160.37	7,160.37	69.85	248.25	-89.90	1,054.23	3,838.98	249.20	-66.37	315.57	0.790 Level 1		
11,300.00	7,181.91	7,159.91	7,159.91	71.20	248.23	-89.79	1,054.23	3,838.98	299.27	-9.71	308.98	0.969 Level 1		
11,400.00	7,181.45	7,159.45	7,159.45	72.56	248.21	-89.67	1,054.23	3,838.98	370.17	67.80	302.36	1.224 Level 2		
11,500.00	7,180.98	7,158.98	7,158.98	73.92	248.20	-89.56	1,054.23	3,838.98	452.20	154.79	297.41	1.520		
11,600.00	7,180.52	7,158.52	7,158.52	75.29	248.18	-89.44	1,054.23	3,838.98	540.32	246.39	293.93	1.838		
11,700.00	7,180.05	7,158.05	7,158.05	76.66	248.16	-89.33	1,054.23	3,838.98	631.98	340.50	291.48	2.168		
11,800.00	7,179.59	7,157.59	7,157.59	78.04	248.15	-89.22	1,054.23	3,838.98	725.85	436.12	289.73	2.505		
11,900.00	7,179.12	7,157.12	7,157.12	79.42	248.13	-89.10	1,054.23	3,838.98	821.17	532.73	288.43	2.847		
12,000.00	7,178.66	7,156.66	7,156.66	80.81	248.12	-88.99	1,054.23	3,838.98	917.48	630.02	287.46	3.192		
12,100.00	7,178.19	7,156.19	7,156.19	82.20	248.10	-88.87	1,054.23	3,838.98	1,014.51	727.80	286.71	3.538		
12,200.00	7,177.73	7,155.73	7,155.73	83.60	248.08	-88.76	1,054.23	3,838.98	1,112.07	825.94	286.13	3.887		
12,300.00	7,177.26	7,155.26	7,155.26	85.00	248.07	-88.65	1,054.23	3,838.98	1,210.02	924.36	285.66	4.236		
12,400.00	7,176.80	7,154.80	7,154.80	86.41	248.05	-88.53	1,054.23	3,838.98	1,308.28	1,023.00	285.28	4.586		
12,500.00	7,176.33	7,154.33	7,154.33	87.82	248.03	-88.42	1,054.23	3,838.98	1,406.79	1,121.81	284.98	4.936		
12,600.00	7,175.87	7,153.87	7,153.87	89.23	248.02	-88.30	1,054.23	3,838.98	1,505.50	1,220.77	284.73	5.287		
12,700.00	7,175.40	7,153.40	7,153.40	90.65	248.00	-88.19	1,054.23	3,838.98	1,604.36	1,319.84	284.52	5.639		
12,800.00	7,174.94	7,152.94	7,152.94	92.07	247.99	-88.08	1,054.23	3,838.98	1,703.36	1,419.00	284.35	5.990		
12,900.00	7,174.48	7,152.48	7,152.48	93.49	247.97	-87.96	1,054.23	3,838.98	1,802.46	1,518.25	284.21	6.342		
13,000.00	7,174.01	7,152.01	7,152.01	94.91	247.95	-87.85	1,054.23	3,838.98	1,901.67	1,617.57	284.09	6.694		
13,100.00	7,173.55	7,151.55	7,151.55	96.34	247.94	-87.73	1,054.23	3,838.98	2,000.95	1,716.95	284.00	7.046		
13,200.00	7,173.08	7,151.08	7,151.08	97.77	247.92	-87.62	1,054.23	3,838.98	2,100.30	1,816.38	283.92	7.398		
13,300.00	7,172.62	7,150.62	7,150.62	99.21	247.90	-87.51	1,054.23	3,838.98	2,199.70	1,915.85	283.85	7.749		
13,400.00	7,172.15	7,150.15	7,150.15	100.64	247.89	-87.39	1,054.23	3,838.98	2,299.16	2,015.36	283.80	8.101		
13,500.00	7,171.69	7,149.69	7,149.69	102.08	247.87	-87.28	1,054.23	3,838.98	2,398.67	2,114.91	283.76	8.453		
13,600.00	7,171.22	7,149.22	7,149.22	103.52	247.86	-87.17	1,054.23	3,838.98	2,498.21	2,214.48	283.73	8.805		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	7,148.76	7,148.76	104.97	247.84	-87.05	1,054.23	3,838.98	2,597.79	2,314.08	283.70	9.157		
13,800.00	7,170.29	7,148.29	7,148.29	106.41	247.82	-86.94	1,054.23	3,838.98	2,697.40	2,413.71	283.69	9.508		
13,900.00	7,169.83	7,147.83	7,147.83	107.86	247.81	-86.82	1,054.23	3,838.98	2,797.03	2,513.35	283.68	9.860		
14,000.00	7,169.36	7,147.36	7,147.36	109.31	247.79	-86.71	1,054.23	3,838.98	2,896.70	2,613.02	283.68	10.211		
14,100.00	7,168.90	7,146.90	7,146.90	110.76	247.77	-86.60	1,054.23	3,838.98	2,996.38	2,712.70	283.68	10.563		
14,200.00	7,168.44	7,146.44	7,146.44	112.21	247.76	-86.48	1,054.23	3,838.98	3,096.09	2,812.40	283.69	10.914		
14,300.00	7,167.97	7,145.97	7,145.97	113.67	247.74	-86.37	1,054.23	3,838.98	3,195.81	2,912.11	283.70	11.265		
14,400.00	7,167.51	7,145.51	7,145.51	115.12	247.73	-86.26	1,054.23	3,838.98	3,295.55	3,011.83	283.71	11.616		
14,500.00	7,167.04	7,145.04	7,145.04	116.58	247.71	-86.14	1,054.23	3,838.98	3,395.30	3,111.57	283.73	11.967		
14,600.00	7,166.58	7,144.58	7,144.58	118.04	247.69	-86.03	1,054.23	3,838.98	3,495.07	3,211.32	283.76	12.317		
14,700.00	7,166.11	7,144.11	7,144.11	119.50	247.68	-85.92	1,054.23	3,838.98	3,594.85	3,311.07	283.78	12.668		
14,800.00	7,165.65	7,143.65	7,143.65	120.97	247.66	-85.80	1,054.23	3,838.98	3,694.65	3,410.84	283.81	13.018		
14,900.00	7,165.18	7,143.18	7,143.18	122.43	247.65	-85.69	1,054.23	3,838.98	3,794.45	3,510.61	283.85	13.368		
15,000.00	7,164.72	7,142.72	7,142.72	123.90	247.63	-85.58	1,054.23	3,838.98	3,894.27	3,610.39	283.88	13.718		
15,100.00	7,164.25	7,142.25	7,142.25	125.36	247.61	-85.46	1,054.23	3,838.98	3,994.09	3,710.17	283.92	14.068		
15,200.00	7,163.79	7,141.79	7,141.79	126.83	247.60	-85.35	1,054.23	3,838.98	4,093.92	3,809.96	283.96	14.417		
15,300.00	7,163.32	7,141.32	7,141.32	128.30	247.58	-85.24	1,054.23	3,838.98	4,193.76	3,909.76	284.00	14.767		
15,400.00	7,162.86	7,140.86	7,140.86	129.77	247.56	-85.12	1,054.23	3,838.98	4,293.61	4,009.57	284.04	15.116		
15,500.00	7,162.39	7,140.39	7,140.39	131.24	247.55	-85.01	1,054.23	3,838.98	4,393.47	4,109.37	284.09	15.465		
15,600.00	7,161.93	7,139.93	7,139.93	132.71	247.53	-84.90	1,054.23	3,838.98	4,493.33	4,209.19	284.14	15.814		
15,700.00	7,161.47	7,139.47	7,139.47	134.19	247.52	-84.78	1,054.23	3,838.98	4,593.19	4,309.00	284.19	16.162		
15,800.00	7,161.00	7,139.00	7,139.00	135.66	247.50	-84.67	1,054.23	3,838.98	4,693.07	4,408.82	284.24	16.511		
15,900.00	7,160.54	7,138.54	7,138.54	137.14	247.48	-84.56	1,054.23	3,838.98	4,792.94	4,508.65	284.29	16.859		
16,000.00	7,160.07	7,138.07	7,138.07	138.61	247.47	-84.44	1,054.23	3,838.98	4,892.83	4,608.48	284.35	17.207		
16,100.00	7,159.61	7,137.61	7,137.61	140.09	247.45	-84.33	1,054.23	3,838.98	4,992.71	4,708.31	284.41	17.555		
16,200.00	7,159.14	7,137.14	7,137.14	141.57	247.43	-84.22	1,054.23	3,838.98	5,092.60	4,808.14	284.46	17.902		
16,300.00	7,158.68	7,136.68	7,136.68	143.05	247.42	-84.10	1,054.23	3,838.98	5,192.50	4,907.98	284.52	18.250		
16,400.00	7,158.21	7,136.21	7,136.21	144.53	247.40	-83.99	1,054.23	3,838.98	5,292.40	5,007.82	284.59	18.597		
16,500.00	7,157.75	7,135.75	7,135.75	146.01	247.39	-83.88	1,054.23	3,838.98	5,392.30	5,107.66	284.65	18.944		
16,600.00	7,157.28	7,135.28	7,135.28	147.49	247.37	-83.77	1,054.23	3,838.98	5,492.21	5,207.50	284.71	19.290		
16,700.00	7,156.82	7,134.82	7,134.82	148.97	247.35	-83.65	1,054.23	3,838.98	5,592.12	5,307.34	284.78	19.637		
16,800.00	7,156.35	7,134.35	7,134.35	150.45	247.34	-83.54	1,054.23	3,838.98	5,692.03	5,407.19	284.84	19.983		
16,900.00	7,155.89	7,133.89	7,133.89	151.94	247.32	-83.43	1,054.23	3,838.98	5,791.95	5,507.04	284.91	20.329		
17,000.00	7,155.43	7,133.43	7,133.43	153.42	247.30	-83.32	1,054.23	3,838.98	5,891.87	5,606.89	284.98	20.675		
17,100.00	7,154.96	7,132.96	7,132.96	154.90	247.29	-83.20	1,054.23	3,838.98	5,991.79	5,706.74	285.05	21.020		
17,200.00	7,154.50	7,132.50	7,132.50	156.39	247.27	-83.09	1,054.23	3,838.98	6,091.72	5,806.60	285.12	21.366		
17,300.00	7,154.03	7,132.03	7,132.03	157.88	247.26	-82.98	1,054.23	3,838.98	6,191.64	5,906.45	285.19	21.711		
17,400.00	7,153.57	7,131.57	7,131.57	159.36	247.24	-82.87	1,054.23	3,838.98	6,291.57	6,006.31	285.26	22.055		
17,500.00	7,153.10	7,131.10	7,131.10	160.85	247.22	-82.75	1,054.23	3,838.98	6,391.50	6,106.17	285.34	22.400		
17,600.00	7,152.64	7,130.64	7,130.64	162.34	247.21	-82.64	1,054.23	3,838.98	6,491.44	6,206.02	285.41	22.744		
17,700.00	7,152.17	7,130.17	7,130.17	163.83	247.19	-82.53	1,054.23	3,838.98	6,591.37	6,305.88	285.49	23.088		
17,737.15	7,152.00	7,130.00	7,130.00	164.38	247.19	-82.49	1,054.23	3,838.98	6,628.50	6,342.98	285.52	23.216		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	90.85	-132.08	8,935.79	8,936.86					
100.00	100.00	60.00	60.00	3.28	3.44	90.85	-132.08	8,935.79	8,936.77	8,930.04	6.73	1,328.433		
200.00	200.00	160.00	160.00	3.34	5.05	90.85	-132.08	8,935.79	8,936.77	8,928.38	8.39	1,065.772		
300.00	300.00	260.00	260.00	3.44	8.03	90.85	-132.08	8,935.79	8,936.77	8,925.29	11.47	778.941		
400.00	400.00	360.00	360.00	3.60	11.31	90.85	-132.08	8,935.79	8,936.77	8,921.86	14.91	599.499		
500.00	499.99	459.99	459.99	3.80	14.68	150.85	-132.08	8,935.79	8,937.53	8,919.05	18.48	483.582		
600.00	599.96	559.96	559.96	4.03	18.10	150.84	-132.08	8,935.79	8,939.82	8,917.68	22.14	403.868		
700.00	699.86	659.86	659.86	4.30	21.54	150.84	-132.08	8,935.79	8,943.63	8,917.78	25.84	346.088		
790.00	789.74	749.74	749.74	4.57	24.65	150.85	-132.08	8,935.79	8,947.74	8,918.53	29.21	306.317		
800.00	799.73	759.73	759.73	4.60	24.99	147.71	-132.08	8,935.79	8,948.20	8,918.61	29.59	302.440		
900.00	899.50	859.50	859.50	4.92	28.45	126.56	-132.08	8,935.79	8,952.86	8,919.51	33.36	268.382		
1,000.00	999.05	959.05	959.05	5.26	31.90	116.32	-132.08	8,935.79	8,957.69	8,920.54	37.15	241.146		
1,077.14	1,075.61	1,035.61	1,035.61	5.53	34.56	111.69	-132.08	8,935.79	8,961.51	8,921.44	40.07	223.632		
1,100.00	1,098.26	1,058.26	1,058.26	5.61	35.35	111.71	-132.08	8,935.79	8,962.66	8,921.72	40.94	218.920		
1,200.00	1,197.35	1,157.35	1,157.35	5.98	38.80	111.79	-132.08	8,935.79	8,967.70	8,922.95	44.75	200.412		
1,300.00	1,296.44	1,256.44	1,256.44	6.35	42.24	111.87	-132.08	8,935.79	8,972.75	8,924.19	48.57	184.756		
1,400.00	1,395.52	1,355.52	1,355.52	6.73	45.69	111.95	-132.08	8,935.79	8,977.83	8,925.43	52.40	171.347		
1,500.00	1,494.61	1,454.61	1,454.61	7.12	49.14	112.03	-132.08	8,935.79	8,982.91	8,926.68	56.23	159.740		
1,600.00	1,593.70	1,553.70	1,553.70	7.52	52.60	112.11	-132.08	8,935.79	8,988.02	8,927.94	60.08	149.597		
1,700.00	1,692.78	1,652.78	1,652.78	7.93	56.05	112.19	-132.08	8,935.79	8,993.14	8,929.21	63.93	140.661		
1,800.00	1,791.87	1,751.87	1,751.87	8.33	59.50	112.27	-132.08	8,935.79	8,998.29	8,930.49	67.79	132.731		
1,900.00	1,890.95	1,850.95	1,850.95	8.75	62.96	112.34	-132.08	8,935.79	9,003.44	8,931.79	71.66	125.647		
2,000.00	1,990.04	1,950.04	1,950.04	9.16	66.41	112.42	-132.08	8,935.79	9,008.62	8,933.10	75.52	119.281		
2,100.00	2,089.13	2,049.13	2,049.13	9.58	69.87	112.50	-132.08	8,935.79	9,013.81	8,934.42	79.40	113.531		
2,200.00	2,188.21	2,148.21	2,148.21	10.01	73.32	112.58	-132.08	8,935.79	9,019.02	8,935.75	83.27	108.311		
2,300.00	2,287.30	2,247.30	2,247.30	10.43	76.78	112.66	-132.08	8,935.79	9,024.25	8,937.10	87.15	103.553		
2,400.00	2,386.39	2,346.39	2,346.39	10.86	80.23	112.74	-132.08	8,935.79	9,029.49	8,938.47	91.03	99.197		
2,500.00	2,485.47	2,445.47	2,445.47	11.29	83.69	112.82	-132.08	8,935.79	9,034.76	8,939.85	94.91	95.196		
2,600.00	2,584.56	2,544.56	2,544.56	11.72	87.15	112.89	-132.08	8,935.79	9,040.03	8,941.24	98.79	91.508		
2,700.00	2,683.65	2,643.65	2,643.65	12.15	90.60	112.97	-132.08	8,935.79	9,045.33	8,942.65	102.67	88.097		
2,800.00	2,782.73	2,742.73	2,742.73	12.58	94.06	113.05	-132.08	8,935.79	9,050.64	8,944.08	106.56	84.934		
2,900.00	2,881.82	2,841.82	2,841.82	13.02	97.52	113.13	-132.08	8,935.79	9,055.97	8,945.52	110.45	81.993		
3,000.00	2,980.91	2,940.91	2,940.91	13.45	100.98	113.21	-132.08	8,935.79	9,061.32	8,946.98	114.34	79.251		
3,100.00	3,079.99	3,039.99	3,039.99	13.89	104.43	113.28	-132.08	8,935.79	9,066.68	8,948.45	118.23	76.689		
3,200.00	3,179.08	3,139.08	3,139.08	14.33	107.89	113.36	-132.08	8,935.79	9,072.06	8,949.94	122.12	74.289		
3,300.00	3,278.17	3,238.17	3,238.17	14.76	111.35	113.44	-132.08	8,935.79	9,077.46	8,951.45	126.01	72.038		
3,400.00	3,377.25	3,337.25	3,337.25	15.20	114.81	113.52	-132.08	8,935.79	9,082.87	8,952.97	129.90	69.921		
3,500.00	3,476.34	3,436.34	3,436.34	15.64	118.26	113.59	-132.08	8,935.79	9,088.30	8,954.51	133.80	67.927		
3,600.00	3,575.43	3,535.43	3,535.43	16.08	121.72	113.67	-132.08	8,935.79	9,093.75	8,956.06	137.69	66.045		
3,700.00	3,674.51	3,634.51	3,634.51	16.53	125.18	113.75	-132.08	8,935.79	9,099.21	8,957.63	141.58	64.267		
3,800.00	3,773.60	3,733.60	3,733.60	16.97	128.64	113.82	-132.08	8,935.79	9,104.69	8,959.21	145.48	62.584		
3,900.00	3,872.69	3,832.69	3,832.69	17.41	132.09	113.90	-132.08	8,935.79	9,110.19	8,960.81	149.38	60.988		
4,000.00	3,971.77	3,931.77	3,931.77	17.85	135.55	113.98	-132.08	8,935.79	9,115.70	8,962.43	153.27	59.474		
4,100.00	4,070.86	4,030.86	4,030.86	18.29	139.01	114.06	-132.08	8,935.79	9,121.24	8,964.07	157.17	58.034		
4,200.00	4,169.95	4,129.95	4,129.95	18.74	142.47	114.13	-132.08	8,935.79	9,126.78	8,965.72	161.07	56.665		
4,300.00	4,269.03	4,229.03	4,229.03	19.18	145.93	114.21	-132.08	8,935.79	9,132.35	8,967.38	164.96	55.359		
4,400.00	4,368.12	4,328.12	4,328.12	19.63	149.39	114.28	-132.08	8,935.79	9,137.93	8,969.06	168.86	54.115		
4,500.00	4,467.21	4,427.21	4,427.21	20.07	152.84	114.36	-132.08	8,935.79	9,143.52	8,970.76	172.76	52.926		
4,600.00	4,566.29	4,526.29	4,526.29	20.52	156.30	114.44	-132.08	8,935.79	9,149.14	8,972.48	176.66	51.790		
4,700.00	4,665.38	4,625.38	4,625.38	20.96	159.76	114.51	-132.08	8,935.79	9,154.77	8,974.21	180.56	50.702		
4,800.00	4,764.47	4,724.47	4,724.47	21.41	163.22	114.59	-132.08	8,935.79	9,160.41	8,975.95	184.46	49.661		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - ELDRIDGE #2-23 - OH - OH													Offset Site Error: 0.00 ft	
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error: 3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,863.55	4,823.55	4,823.55	21.85	166.68	114.67	-132.08	8,935.79	9,166.07	8,977.72	188.36	48.663		
5,000.00	4,962.64	4,922.64	4,922.64	22.30	170.14	114.74	-132.08	8,935.79	9,171.75	8,979.49	192.26	47.705		
5,100.00	5,061.73	5,021.73	5,021.73	22.74	173.59	114.82	-132.08	8,935.79	9,177.45	8,981.29	196.16	46.786		
5,200.00	5,160.81	5,120.81	5,120.81	23.19	177.05	114.89	-132.08	8,935.79	9,183.16	8,983.10	200.06	45.902		
5,300.00	5,259.90	5,219.90	5,219.90	23.64	180.51	114.97	-132.08	8,935.79	9,188.89	8,984.93	203.96	45.053		
5,400.00	5,358.99	5,318.99	5,318.99	24.08	183.97	115.05	-132.08	8,935.79	9,194.63	8,986.77	207.86	44.235		
5,500.00	5,458.07	5,418.07	5,418.07	24.53	187.43	115.12	-132.08	8,935.79	9,200.39	8,988.63	211.76	43.447		
5,600.00	5,557.16	5,517.16	5,517.16	24.98	190.89	115.20	-132.08	8,935.79	9,206.17	8,990.50	215.66	42.688		
5,700.00	5,656.25	5,616.25	5,616.25	25.42	194.35	115.27	-132.08	8,935.79	9,211.96	8,992.39	219.56	41.956		
5,800.00	5,755.33	5,715.33	5,715.33	25.87	197.80	115.35	-132.08	8,935.79	9,217.77	8,994.30	223.47	41.249		
5,900.00	5,854.42	5,814.42	5,814.42	26.32	201.26	115.42	-132.08	8,935.79	9,223.59	8,996.22	227.37	40.567		
6,000.00	5,953.51	5,913.51	5,913.51	26.77	204.72	115.50	-132.08	8,935.79	9,229.43	8,998.16	231.27	39.908		
6,100.00	6,052.59	6,012.59	6,012.59	27.21	208.18	115.57	-132.08	8,935.79	9,235.29	9,000.12	235.17	39.271		
6,200.00	6,151.68	6,111.68	6,111.68	27.66	211.64	115.65	-132.08	8,935.79	9,241.16	9,002.09	239.07	38.654		
6,300.00	6,250.76	6,210.76	6,210.76	28.11	215.10	115.72	-132.08	8,935.79	9,247.05	9,004.07	242.97	38.058		
6,400.00	6,349.85	6,309.85	6,309.85	28.56	218.56	115.80	-132.08	8,935.79	9,252.95	9,006.07	246.88	37.480		
6,500.00	6,448.94	6,408.94	6,408.94	29.01	222.02	115.87	-132.08	8,935.79	9,258.87	9,008.09	250.78	36.920		
6,589.36	6,537.48	6,502.52	6,497.48	29.41	225.28	115.94	-132.08	8,935.79	9,264.18	9,009.73	254.44	36.410		
6,600.00	6,548.03	6,508.03	6,508.03	29.45	225.47	109.08	-132.08	8,935.79	9,264.72	9,010.04	254.68	36.378		
6,650.00	6,597.61	6,557.61	6,557.61	29.67	227.20	74.99	-132.08	8,935.79	9,264.91	9,008.28	256.63	36.102		
6,700.00	6,647.01	6,607.01	6,607.01	29.89	228.93	50.92	-132.08	8,935.79	9,261.20	9,002.63	258.57	35.817		
6,750.00	6,695.92	6,655.92	6,655.92	30.10	230.64	37.76	-132.08	8,935.79	9,253.61	8,993.13	260.48	35.525		
6,800.00	6,744.04	6,704.04	6,704.04	30.31	232.32	30.35	-132.08	8,935.79	9,242.20	8,979.84	262.35	35.228		
6,850.00	6,791.07	6,751.07	6,751.07	30.51	233.96	25.84	-132.08	8,935.79	9,227.02	8,962.84	264.18	34.927		
6,900.00	6,836.72	6,803.28	6,796.72	30.71	235.78	22.94	-132.08	8,935.79	9,208.19	8,942.01	266.18	34.594		
6,950.00	6,880.71	6,840.71	6,840.71	30.90	237.09	21.01	-132.08	8,935.79	9,185.80	8,918.16	267.64	34.321		
7,000.00	6,922.77	6,882.77	6,882.77	31.08	238.55	19.75	-132.08	8,935.79	9,160.01	8,890.75	269.26	34.019		
7,050.00	6,962.63	6,922.63	6,922.63	31.27	239.95	18.96	-132.08	8,935.79	9,130.97	8,860.18	270.79	33.720		
7,100.00	7,000.07	6,960.07	6,960.07	31.44	241.25	18.56	-132.08	8,935.79	9,098.86	8,826.64	272.22	33.425		
7,150.00	7,034.83	7,005.17	6,994.83	31.62	242.83	18.51	-132.08	8,935.79	9,063.87	8,789.97	273.90	33.092		
7,200.00	7,066.72	7,026.72	7,026.72	31.79	243.58	18.79	-132.08	8,935.79	9,026.23	8,751.48	274.75	32.853		
7,250.00	7,095.52	7,055.52	7,055.52	31.96	244.59	19.45	-132.08	8,935.79	8,986.17	8,710.33	275.84	32.578		
7,300.00	7,121.07	7,081.07	7,081.07	32.13	245.48	20.57	-132.08	8,935.79	8,943.92	8,667.12	276.80	32.312		
7,350.00	7,143.21	7,103.21	7,103.21	32.30	246.25	22.32	-132.08	8,935.79	8,899.76	8,622.13	277.63	32.056		
7,400.00	7,161.80	7,121.80	7,121.80	32.47	246.90	24.99	-132.08	8,935.79	8,853.96	8,575.63	278.33	31.811		
7,450.00	7,176.72	7,136.72	7,136.72	32.64	247.42	29.21	-132.08	8,935.79	8,806.79	8,527.90	278.89	31.578		
7,500.00	7,187.89	7,147.89	7,147.89	32.82	247.81	36.31	-132.08	8,935.79	8,758.54	8,479.23	279.31	31.358		
7,550.00	7,195.23	7,155.23	7,155.23	32.99	248.07	49.47	-132.08	8,935.79	8,709.52	8,429.93	279.58	31.152		
7,600.00	7,198.70	7,158.70	7,158.70	33.17	248.19	75.38	-132.08	8,935.79	8,660.02	8,380.29	279.72	30.959		
7,622.60	7,199.00	7,159.00	7,159.00	33.25	248.20	92.36	-132.08	8,935.79	8,637.57	8,357.83	279.74	30.877		
7,700.00	7,198.64	7,158.64	7,158.64	33.54	248.18	92.33	-132.08	8,935.79	8,560.66	8,280.91	279.75	30.601		
7,800.00	7,198.17	7,158.17	7,158.17	33.98	248.17	92.31	-132.08	8,935.79	8,461.31	8,181.54	279.77	30.244		
7,900.00	7,197.71	7,157.71	7,157.71	34.47	248.15	92.28	-132.08	8,935.79	8,361.98	8,082.19	279.79	29.887		
8,000.00	7,197.24	7,157.24	7,157.24	35.03	248.14	92.25	-132.08	8,935.79	8,262.66	7,982.85	279.81	29.529		
8,100.00	7,196.78	7,156.78	7,156.78	35.64	248.12	92.22	-132.08	8,935.79	8,163.36	7,883.52	279.84	29.172		
8,200.00	7,196.31	7,156.31	7,156.31	36.30	248.10	92.20	-132.08	8,935.79	8,064.08	7,784.21	279.87	28.814		
8,300.00	7,195.85	7,155.85	7,155.85	37.01	248.09	92.17	-132.08	8,935.79	7,964.82	7,684.92	279.90	28.456		
8,400.00	7,195.38	7,155.38	7,155.38	37.77	248.07	92.14	-132.08	8,935.79	7,865.57	7,585.64	279.94	28.098		
8,500.00	7,194.92	7,154.92	7,154.92	38.57	248.05	92.12	-132.08	8,935.79	7,766.34	7,486.37	279.97	27.739		
8,600.00	7,194.46	7,154.46	7,154.46	39.41	248.04	92.09	-132.08	8,935.79	7,667.14	7,387.12	280.02	27.381		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ELDRIDGE #2-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,700.00	7,193.99	7,153.99	7,153.99	40.30	248.02	92.06	-132.08	8,935.79	7,567.95	7,287.89	280.06	27.022					
8,800.00	7,193.53	7,153.53	7,153.53	41.22	248.01	92.03	-132.08	8,935.79	7,468.79	7,188.67	280.11	26.663					
8,900.00	7,193.06	7,153.06	7,153.06	42.17	247.99	92.01	-132.08	8,935.79	7,369.65	7,089.48	280.17	26.304					
9,000.00	7,192.60	7,152.60	7,152.60	43.16	247.97	91.98	-132.08	8,935.79	7,270.53	6,990.30	280.23	25.945					
9,100.00	7,192.13	7,152.13	7,152.13	44.17	247.96	91.95	-132.08	8,935.79	7,171.43	6,891.14	280.29	25.586					
9,200.00	7,191.67	7,151.67	7,151.67	45.22	247.94	91.92	-132.08	8,935.79	7,072.37	6,792.01	280.36	25.226					
9,300.00	7,191.20	7,151.20	7,151.20	46.29	247.93	91.90	-132.08	8,935.79	6,973.32	6,692.89	280.43	24.866					
9,400.00	7,190.74	7,150.74	7,150.74	47.38	247.91	91.87	-132.08	8,935.79	6,874.31	6,593.80	280.51	24.507					
9,500.00	7,190.27	7,150.27	7,150.27	48.50	247.89	91.84	-132.08	8,935.79	6,775.33	6,494.73	280.59	24.147					
9,600.00	7,189.81	7,149.81	7,149.81	49.64	247.88	91.81	-132.08	8,935.79	6,676.37	6,395.69	280.68	23.786					
9,700.00	7,189.34	7,149.34	7,149.34	50.80	247.86	91.79	-132.08	8,935.79	6,577.45	6,296.67	280.77	23.426					
9,800.00	7,188.88	7,148.88	7,148.88	51.98	247.84	91.76	-132.08	8,935.79	6,478.56	6,197.68	280.87	23.066					
9,900.00	7,188.41	7,148.41	7,148.41	53.17	247.83	91.73	-132.08	8,935.79	6,379.70	6,098.72	280.98	22.705					
10,000.00	7,187.95	7,147.95	7,147.95	54.38	247.81	91.70	-132.08	8,935.79	6,280.88	5,999.79	281.10	22.344					
10,100.00	7,187.49	7,147.49	7,147.49	55.61	247.80	91.68	-132.08	8,935.79	6,182.10	5,900.88	281.22	21.983					
10,200.00	7,187.02	7,147.02	7,147.02	56.85	247.78	91.65	-132.08	8,935.79	6,083.36	5,802.01	281.35	21.622					
10,300.00	7,186.56	7,146.56	7,146.56	58.10	247.76	91.62	-132.08	8,935.79	5,984.66	5,703.18	281.48	21.261					
10,400.00	7,186.09	7,146.09	7,146.09	59.37	247.75	91.59	-132.08	8,935.79	5,886.00	5,604.38	281.63	20.900					
10,500.00	7,185.63	7,145.63	7,145.63	60.64	247.73	91.57	-132.08	8,935.79	5,787.39	5,505.61	281.78	20.539					
10,600.00	7,185.16	7,145.16	7,145.16	61.93	247.71	91.54	-132.08	8,935.79	5,688.83	5,406.89	281.94	20.177					
10,700.00	7,184.70	7,144.70	7,144.70	63.23	247.70	91.51	-132.08	8,935.79	5,590.32	5,308.21	282.12	19.816					
10,800.00	7,184.23	7,144.23	7,144.23	64.54	247.68	91.48	-132.08	8,935.79	5,491.87	5,209.56	282.30	19.454					
10,900.00	7,183.77	7,143.77	7,143.77	65.85	247.67	91.46	-132.08	8,935.79	5,393.47	5,110.97	282.50	19.092					
11,000.00	7,183.30	7,143.30	7,143.30	67.18	247.65	91.43	-132.08	8,935.79	5,295.13	5,012.42	282.70	18.730					
11,100.00	7,182.84	7,142.84	7,142.84	68.51	247.63	91.40	-132.08	8,935.79	5,196.85	4,913.92	282.93	18.368					
11,200.00	7,182.37	7,142.37	7,142.37	69.85	247.62	91.37	-132.08	8,935.79	5,098.64	4,815.48	283.16	18.006					
11,300.00	7,181.91	7,141.91	7,141.91	71.20	247.60	91.35	-132.08	8,935.79	5,000.50	4,717.09	283.41	17.644					
11,400.00	7,181.45	7,141.45	7,141.45	72.56	247.58	91.32	-132.08	8,935.79	4,902.44	4,618.77	283.67	17.282					
11,500.00	7,180.98	7,140.98	7,140.98	73.92	247.57	91.29	-132.08	8,935.79	4,804.45	4,520.50	283.95	16.920					
11,600.00	7,180.52	7,140.52	7,140.52	75.29	247.55	91.26	-132.08	8,935.79	4,706.56	4,422.30	284.25	16.558					
11,700.00	7,180.05	7,140.05	7,140.05	76.66	247.54	91.24	-132.08	8,935.79	4,608.75	4,324.17	284.57	16.195					
11,800.00	7,179.59	7,139.59	7,139.59	78.04	247.52	91.21	-132.08	8,935.79	4,511.03	4,226.12	284.91	15.833					
11,900.00	7,179.12	7,139.12	7,139.12	79.42	247.50	91.18	-132.08	8,935.79	4,413.42	4,128.15	285.27	15.471					
12,000.00	7,178.66	7,138.66	7,138.66	80.81	247.49	91.15	-132.08	8,935.79	4,315.92	4,030.26	285.66	15.109					
12,100.00	7,178.19	7,138.19	7,138.19	82.20	247.47	91.13	-132.08	8,935.79	4,218.54	3,932.47	286.07	14.746					
12,200.00	7,177.73	7,137.73	7,137.73	83.60	247.45	91.10	-132.08	8,935.79	4,121.28	3,834.77	286.51	14.384					
12,300.00	7,177.26	7,137.26	7,137.26	85.00	247.44	91.07	-132.08	8,935.79	4,024.16	3,737.17	286.98	14.022					
12,400.00	7,176.80	7,136.80	7,136.80	86.41	247.42	91.04	-132.08	8,935.79	3,927.18	3,639.69	287.49	13.660					
12,500.00	7,176.33	7,136.33	7,136.33	87.82	247.41	91.02	-132.08	8,935.79	3,830.35	3,542.33	288.02	13.299					
12,600.00	7,175.87	7,135.87	7,135.87	89.23	247.39	90.99	-132.08	8,935.79	3,733.69	3,445.09	288.60	12.937					
12,700.00	7,175.40	7,135.40	7,135.40	90.65	247.37	90.96	-132.08	8,935.79	3,637.22	3,348.00	289.22	12.576					
12,800.00	7,174.94	7,134.94	7,134.94	92.07	247.36	90.94	-132.08	8,935.79	3,540.94	3,251.05	289.88	12.215					
12,900.00	7,174.48	7,134.48	7,134.48	93.49	247.34	90.91	-132.08	8,935.79	3,444.87	3,154.27	290.60	11.854					
13,000.00	7,174.01	7,134.01	7,134.01	94.91	247.33	90.88	-132.08	8,935.79	3,349.03	3,057.66	291.37	11.494					
13,100.00	7,173.55	7,133.55	7,133.55	96.34	247.31	90.85	-132.08	8,935.79	3,253.44	2,961.25	292.19	11.135					
13,200.00	7,173.08	7,133.08	7,133.08	97.77	247.29	90.83	-132.08	8,935.79	3,158.12	2,865.04	293.08	10.776					
13,300.00	7,172.62	7,132.62	7,132.62	99.21	247.28	90.80	-132.08	8,935.79	3,063.11	2,769.06	294.04	10.417					
13,400.00	7,172.15	7,132.15	7,132.15	100.64	247.26	90.77	-132.08	8,935.79	2,968.42	2,673.34	295.08	10.060					
13,500.00	7,171.69	7,131.69	7,131.69	102.08	247.24	90.74	-132.08	8,935.79	2,874.09	2,577.88	296.20	9.703					
13,600.00	7,171.22	7,131.22	7,131.22	103.52	247.23	90.72	-132.08	8,935.79	2,780.15	2,482.73	297.42	9.348					
13,700.00	7,170.76	7,130.76	7,130.76	104.97	247.21	90.69	-132.08	8,935.79	2,686.65	2,387.92	298.73	8.994					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	7,130.29	7,130.29	106.41	247.20	90.66	-132.08	8,935.79	2,593.64	2,293.48	300.16	8.641		
13,900.00	7,169.83	7,129.83	7,129.83	107.86	247.18	90.63	-132.08	8,935.79	2,501.17	2,199.46	301.71	8.290		
14,000.00	7,169.36	7,129.36	7,129.36	109.31	247.16	90.61	-132.08	8,935.79	2,409.30	2,105.90	303.40	7.941		
14,100.00	7,168.90	7,128.90	7,128.90	110.76	247.15	90.58	-132.08	8,935.79	2,318.10	2,012.87	305.24	7.594		
14,200.00	7,168.44	7,128.44	7,128.44	112.21	247.13	90.55	-132.08	8,935.79	2,227.66	1,920.42	307.24	7.251		
14,300.00	7,167.97	7,127.97	7,127.97	113.67	247.11	90.52	-132.08	8,935.79	2,138.07	1,828.64	309.43	6.910		
14,400.00	7,167.51	7,127.51	7,127.51	115.12	247.10	90.50	-132.08	8,935.79	2,049.44	1,737.63	311.82	6.573		
14,500.00	7,167.04	7,127.04	7,127.04	116.58	247.08	90.47	-132.08	8,935.79	1,961.91	1,647.49	314.42	6.240		
14,600.00	7,166.58	7,126.58	7,126.58	118.04	247.07	90.44	-132.08	8,935.79	1,875.62	1,558.35	317.28	5.912		
14,700.00	7,166.11	7,126.11	7,126.11	119.50	247.05	90.41	-132.08	8,935.79	1,790.76	1,470.37	320.39	5.589		
14,800.00	7,165.65	7,125.65	7,125.65	120.97	247.03	90.39	-132.08	8,935.79	1,707.54	1,383.74	323.80	5.273		
14,900.00	7,165.18	7,125.18	7,125.18	122.43	247.02	90.36	-132.08	8,935.79	1,626.21	1,298.69	327.52	4.965		
15,000.00	7,164.72	7,124.72	7,124.72	123.90	247.00	90.33	-132.08	8,935.79	1,547.07	1,215.50	331.57	4.666		
15,100.00	7,164.25	7,124.25	7,124.25	125.36	246.98	90.30	-132.08	8,935.79	1,470.48	1,134.51	335.97	4.377		
15,200.00	7,163.79	7,123.79	7,123.79	126.83	246.97	90.28	-132.08	8,935.79	1,396.84	1,056.13	340.72	4.100		
15,300.00	7,163.32	7,123.32	7,123.32	128.30	246.95	90.25	-132.08	8,935.79	1,326.66	980.85	345.81	3.836		
15,400.00	7,162.86	7,122.86	7,122.86	129.77	246.94	90.22	-132.08	8,935.79	1,260.52	909.30	351.21	3.589		
15,500.00	7,162.39	7,122.39	7,122.39	131.24	246.92	90.19	-132.08	8,935.79	1,199.07	842.21	356.87	3.360		
15,600.00	7,161.93	7,121.93	7,121.93	132.71	246.90	90.17	-132.08	8,935.79	1,143.08	780.42	362.66	3.152		
15,700.00	7,161.47	7,121.47	7,121.47	134.19	246.89	90.14	-132.08	8,935.79	1,093.39	724.96	368.43	2.968		
15,800.00	7,161.00	7,121.00	7,121.00	135.66	246.87	90.11	-132.08	8,935.79	1,050.89	676.92	373.97	2.810		
15,900.00	7,160.54	7,120.54	7,120.54	137.14	246.85	90.08	-132.08	8,935.79	1,016.48	637.46	379.02	2.682		
16,000.00	7,160.07	7,120.07	7,120.07	138.61	246.84	90.06	-132.08	8,935.79	991.01	607.74	383.27	2.586		
16,100.00	7,159.61	7,119.61	7,119.61	140.09	246.82	90.03	-132.08	8,935.79	975.17	588.72	386.45	2.523		
16,200.00	7,159.14	7,119.14	7,119.14	141.57	246.81	90.00	-132.08	8,935.79	969.44	581.10	388.35	2.496		
16,205.69	7,159.12	7,119.12	7,119.12	141.65	246.81	90.00	-132.08	8,935.79	969.43	581.01	388.42	2.496	CC, ES, SF	
16,300.00	7,158.68	7,118.68	7,118.68	143.05	246.79	89.97	-132.08	8,935.79	974.00	585.16	388.85	2.505		
16,400.00	7,158.21	7,118.21	7,118.21	144.53	246.77	89.95	-132.08	8,935.79	988.71	600.74	387.97	2.548		
16,500.00	7,157.75	7,117.75	7,117.75	146.01	246.76	89.92	-132.08	8,935.79	1,013.12	627.25	385.87	2.626		
16,600.00	7,157.28	7,117.28	7,117.28	147.49	246.74	89.89	-132.08	8,935.79	1,046.55	663.78	382.77	2.734		
16,700.00	7,156.82	7,116.82	7,116.82	148.97	246.72	89.86	-132.08	8,935.79	1,088.18	709.24	378.94	2.872		
16,800.00	7,156.35	7,116.35	7,116.35	150.45	246.71	89.84	-132.08	8,935.79	1,137.10	762.46	374.64	3.035		
16,900.00	7,155.89	7,115.89	7,115.89	151.94	246.69	89.81	-132.08	8,935.79	1,192.41	822.31	370.10	3.222		
17,000.00	7,155.43	7,115.43	7,115.43	153.42	246.68	89.78	-132.08	8,935.79	1,253.28	887.77	365.51	3.429		
17,100.00	7,154.96	7,114.96	7,114.96	154.90	246.66	89.75	-132.08	8,935.79	1,318.93	957.95	360.98	3.654		
17,200.00	7,154.50	7,114.50	7,114.50	156.39	246.64	89.73	-132.08	8,935.79	1,388.68	1,032.06	356.62	3.894		
17,300.00	7,154.03	7,114.03	7,114.03	157.88	246.63	89.70	-132.08	8,935.79	1,461.95	1,109.48	352.47	4.148		
17,400.00	7,153.57	7,113.57	7,113.57	159.36	246.61	89.67	-132.08	8,935.79	1,538.23	1,189.66	348.57	4.413		
17,500.00	7,153.10	7,113.10	7,113.10	160.85	246.60	89.64	-132.08	8,935.79	1,617.10	1,272.17	344.92	4.688		
17,600.00	7,152.64	7,112.64	7,112.64	162.34	246.58	89.62	-132.08	8,935.79	1,698.19	1,356.66	341.54	4.972		
17,700.00	7,152.17	7,112.17	7,112.17	163.83	246.56	89.59	-132.08	8,935.79	1,781.21	1,442.81	338.40	5.264		
17,737.15	7,152.00	7,112.00	7,112.00	164.38	246.56	89.58	-132.08	8,935.79	1,812.49	1,475.20	337.30	5.374		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	82.98	1,119.73	9,093.35	9,162.08					
100.00	100.00	69.00	69.00	3.28	3.49	82.98	1,119.73	9,093.35	9,162.03	9,155.25	6.78	1,351.674		
200.00	200.00	169.00	169.00	3.34	5.29	82.98	1,119.73	9,093.35	9,162.03	9,153.40	8.63	1,061.883		
300.00	300.00	269.00	269.00	3.44	8.32	82.98	1,119.73	9,093.35	9,162.03	9,150.27	11.76	779.034		
400.00	400.00	369.00	369.00	3.60	11.61	82.98	1,119.73	9,093.35	9,162.03	9,146.82	15.21	602.444		
500.00	499.99	468.99	468.99	3.80	14.99	142.98	1,119.73	9,093.35	9,162.73	9,143.94	18.79	487.682		
600.00	599.96	568.96	568.96	4.03	18.41	142.98	1,119.73	9,093.35	9,164.82	9,142.37	22.44	408.333		
700.00	699.86	668.86	668.86	4.30	21.85	142.97	1,119.73	9,093.35	9,168.30	9,142.15	26.15	350.572		
790.00	789.74	758.74	758.74	4.57	24.96	142.99	1,119.73	9,093.35	9,172.06	9,142.54	29.52	310.688		
800.00	799.73	768.73	768.73	4.60	25.30	139.85	1,119.73	9,093.35	9,172.48	9,142.58	29.90	306.795		
900.00	899.50	868.50	868.50	4.92	28.76	118.72	1,119.73	9,093.35	9,176.47	9,142.80	33.67	272.539		
1,000.00	999.05	968.05	968.05	5.26	32.22	108.50	1,119.73	9,093.35	9,180.13	9,142.68	37.46	245.078		
1,077.14	1,075.61	1,044.61	1,044.61	5.53	34.88	103.90	1,119.73	9,093.35	9,182.75	9,142.36	40.38	227.383		
1,100.00	1,098.26	1,067.26	1,067.26	5.61	35.66	103.92	1,119.73	9,093.35	9,183.49	9,142.24	41.25	222.618		
1,200.00	1,197.35	1,166.35	1,166.35	5.98	39.11	104.00	1,119.73	9,093.35	9,186.78	9,141.72	45.06	203.886		
1,300.00	1,296.44	1,265.44	1,265.44	6.35	42.56	104.08	1,119.73	9,093.35	9,190.08	9,141.20	48.88	188.021		
1,400.00	1,395.52	1,364.52	1,364.52	6.73	46.01	104.16	1,119.73	9,093.35	9,193.39	9,140.69	52.71	174.420		
1,500.00	1,494.61	1,463.61	1,463.61	7.12	49.46	104.24	1,119.73	9,093.35	9,196.73	9,140.18	56.55	162.636		
1,600.00	1,593.70	1,562.70	1,562.70	7.52	52.91	104.32	1,119.73	9,093.35	9,200.09	9,139.69	60.39	152.332		
1,700.00	1,692.78	1,661.78	1,661.78	7.93	56.36	104.40	1,119.73	9,093.35	9,203.46	9,139.21	64.25	143.248		
1,800.00	1,791.87	1,760.87	1,760.87	8.33	59.82	104.48	1,119.73	9,093.35	9,206.85	9,138.75	68.11	135.181		
1,900.00	1,890.95	1,859.95	1,859.95	8.75	63.27	104.56	1,119.73	9,093.35	9,210.26	9,138.29	71.97	127.972		
2,000.00	1,990.04	1,959.04	1,959.04	9.16	66.73	104.64	1,119.73	9,093.35	9,213.69	9,137.85	75.84	121.490		
2,100.00	2,089.13	2,058.13	2,058.13	9.58	70.18	104.73	1,119.73	9,093.35	9,217.14	9,137.43	79.71	115.633		
2,200.00	2,188.21	2,157.21	2,157.21	10.01	73.64	104.81	1,119.73	9,093.35	9,220.61	9,137.02	83.58	110.315		
2,300.00	2,287.30	2,256.30	2,256.30	10.43	77.09	104.89	1,119.73	9,093.35	9,224.09	9,136.63	87.46	105.465		
2,400.00	2,386.39	2,355.39	2,355.39	10.86	80.55	104.97	1,119.73	9,093.35	9,227.60	9,136.26	91.34	101.024		
2,500.00	2,485.47	2,454.47	2,454.47	11.29	84.00	105.05	1,119.73	9,093.35	9,231.12	9,135.90	95.22	96.943		
2,600.00	2,584.56	2,553.56	2,553.56	11.72	87.46	105.13	1,119.73	9,093.35	9,234.66	9,135.55	99.11	93.180		
2,700.00	2,683.65	2,652.65	2,652.65	12.15	90.92	105.21	1,119.73	9,093.35	9,238.22	9,135.23	102.99	89.700		
2,800.00	2,782.73	2,751.73	2,751.73	12.58	94.37	105.29	1,119.73	9,093.35	9,241.79	9,134.92	106.88	86.472		
2,900.00	2,881.82	2,850.82	2,850.82	13.02	97.83	105.37	1,119.73	9,093.35	9,245.39	9,134.62	110.76	83.469		
3,000.00	2,980.91	2,949.91	2,949.91	13.45	101.29	105.45	1,119.73	9,093.35	9,249.00	9,134.35	114.65	80.669		
3,100.00	3,079.99	3,048.99	3,048.99	13.89	104.75	105.53	1,119.73	9,093.35	9,252.63	9,134.09	118.54	78.053		
3,200.00	3,179.08	3,148.08	3,148.08	14.33	108.20	105.61	1,119.73	9,093.35	9,256.28	9,133.85	122.43	75.602		
3,300.00	3,278.17	3,247.17	3,247.17	14.76	111.66	105.69	1,119.73	9,093.35	9,259.95	9,133.62	126.33	73.302		
3,400.00	3,377.25	3,346.25	3,346.25	15.20	115.12	105.76	1,119.73	9,093.35	9,263.63	9,133.42	130.22	71.139		
3,500.00	3,476.34	3,445.34	3,445.34	15.64	118.58	105.84	1,119.73	9,093.35	9,267.34	9,133.23	134.11	69.101		
3,600.00	3,575.43	3,544.43	3,544.43	16.08	122.03	105.92	1,119.73	9,093.35	9,271.06	9,133.05	138.01	67.178		
3,700.00	3,674.51	3,643.51	3,643.51	16.53	125.49	106.00	1,119.73	9,093.35	9,274.80	9,132.90	141.90	65.361		
3,800.00	3,773.60	3,742.60	3,742.60	16.97	128.95	106.08	1,119.73	9,093.35	9,278.56	9,132.76	145.80	63.640		
3,900.00	3,872.69	3,841.69	3,841.69	17.41	132.41	106.16	1,119.73	9,093.35	9,282.34	9,132.64	149.69	62.009		
4,000.00	3,971.77	3,940.77	3,940.77	17.85	135.87	106.24	1,119.73	9,093.35	9,286.13	9,132.54	153.59	60.460		
4,100.00	4,070.86	4,039.86	4,039.86	18.29	139.32	106.32	1,119.73	9,093.35	9,289.94	9,132.46	157.49	58.989		
4,200.00	4,169.95	4,138.95	4,138.95	18.74	142.78	106.40	1,119.73	9,093.35	9,293.77	9,132.39	161.38	57.588		
4,300.00	4,269.03	4,238.03	4,238.03	19.18	146.24	106.48	1,119.73	9,093.35	9,297.62	9,132.34	165.28	56.253		
4,400.00	4,368.12	4,337.12	4,337.12	19.63	149.70	106.56	1,119.73	9,093.35	9,301.49	9,132.31	169.18	54.980		
4,500.00	4,467.21	4,436.21	4,436.21	20.07	153.16	106.64	1,119.73	9,093.35	9,305.37	9,132.29	173.08	53.764		
4,600.00	4,566.29	4,535.29	4,535.29	20.52	156.62	106.72	1,119.73	9,093.35	9,309.28	9,132.30	176.98	52.601		
4,700.00	4,665.38	4,634.38	4,634.38	20.96	160.07	106.79	1,119.73	9,093.35	9,313.20	9,132.32	180.88	51.489		
4,800.00	4,764.47	4,733.47	4,733.47	21.41	163.53	106.87	1,119.73	9,093.35	9,317.13	9,132.36	184.78	50.424		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ELDRIDGE #31-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
4,900.00	4,863.55	4,832.55	4,832.55	21.85	166.99	106.95	1,119.73	9,093.35	9,321.09	9,132.41	188.68	49.403					
5,000.00	4,962.64	4,931.64	4,931.64	22.30	170.45	107.03	1,119.73	9,093.35	9,325.06	9,132.49	192.58	48.423					
5,100.00	5,061.73	5,030.73	5,030.73	22.74	173.91	107.11	1,119.73	9,093.35	9,329.06	9,132.58	196.48	47.482					
5,200.00	5,160.81	5,129.81	5,129.81	23.19	177.37	107.19	1,119.73	9,093.35	9,333.07	9,132.69	200.38	46.578					
5,300.00	5,259.90	5,228.90	5,228.90	23.64	180.83	107.27	1,119.73	9,093.35	9,337.09	9,132.81	204.28	45.708					
5,400.00	5,358.99	5,327.99	5,327.99	24.08	184.28	107.34	1,119.73	9,093.35	9,341.14	9,132.96	208.18	44.871					
5,500.00	5,458.07	5,427.07	5,427.07	24.53	187.74	107.42	1,119.73	9,093.35	9,345.20	9,133.12	212.08	44.065					
5,600.00	5,557.16	5,526.16	5,526.16	24.98	191.20	107.50	1,119.73	9,093.35	9,349.28	9,133.30	215.98	43.288					
5,700.00	5,656.25	5,625.25	5,625.25	25.42	194.66	107.58	1,119.73	9,093.35	9,353.38	9,133.50	219.88	42.538					
5,800.00	5,755.33	5,724.33	5,724.33	25.87	198.12	107.66	1,119.73	9,093.35	9,357.49	9,133.71	223.78	41.815					
5,900.00	5,854.42	5,823.42	5,823.42	26.32	201.58	107.73	1,119.73	9,093.35	9,361.63	9,133.94	227.69	41.116					
6,000.00	5,953.51	5,922.51	5,922.51	26.77	205.04	107.81	1,119.73	9,093.35	9,365.78	9,134.19	231.59	40.442					
6,100.00	6,052.59	6,021.59	6,021.59	27.21	208.49	107.89	1,119.73	9,093.35	9,369.95	9,134.46	235.49	39.789					
6,200.00	6,151.68	6,120.68	6,120.68	27.66	211.95	107.97	1,119.73	9,093.35	9,374.13	9,134.74	239.39	39.158					
6,300.00	6,250.76	6,219.76	6,219.76	28.11	215.41	108.05	1,119.73	9,093.35	9,378.34	9,135.04	243.29	38.547					
6,400.00	6,349.85	6,318.85	6,318.85	28.56	218.87	108.12	1,119.73	9,093.35	9,382.56	9,135.36	247.20	37.956					
6,500.00	6,448.94	6,417.94	6,417.94	29.01	222.33	108.20	1,119.73	9,093.35	9,386.79	9,135.70	251.10	37.383					
6,589.36	6,537.48	6,506.48	6,506.48	29.41	225.42	108.27	1,119.73	9,093.35	9,390.60	9,136.01	254.59	36.886					
6,600.00	6,548.03	6,517.03	6,517.03	29.45	225.79	101.42	1,119.73	9,093.35	9,390.96	9,135.96	255.00	36.827					
6,650.00	6,597.61	6,566.61	6,566.61	29.67	227.52	67.32	1,119.73	9,093.35	9,390.30	9,133.35	256.95	36.545					
6,700.00	6,647.01	6,616.01	6,616.01	29.89	229.24	43.21	1,119.73	9,093.35	9,385.72	9,126.84	258.89	36.254					
6,750.00	6,695.92	6,664.92	6,664.92	30.10	230.95	29.95	1,119.73	9,093.35	9,377.26	9,116.47	260.80	35.956					
6,800.00	6,744.04	6,713.04	6,713.04	30.31	232.63	22.37	1,119.73	9,093.35	9,364.97	9,102.30	262.67	35.653					
6,850.00	6,791.07	6,760.07	6,760.07	30.51	234.27	17.65	1,119.73	9,093.35	9,348.92	9,084.42	264.50	35.346					
6,900.00	6,836.72	6,805.72	6,805.72	30.71	235.87	14.45	1,119.73	9,093.35	9,329.21	9,062.94	266.27	35.037					
6,950.00	6,880.71	6,849.71	6,849.71	30.90	237.40	12.17	1,119.73	9,093.35	9,305.96	9,038.00	267.97	34.728					
7,000.00	6,922.77	6,908.24	6,891.77	31.08	239.44	10.44	1,119.73	9,093.35	9,279.32	9,009.16	270.16	34.348					
7,050.00	6,962.63	6,931.63	6,931.63	31.27	240.26	9.08	1,119.73	9,093.35	9,249.44	8,978.34	271.11	34.117					
7,100.00	7,000.07	6,969.07	6,969.07	31.44	241.57	7.97	1,119.73	9,093.35	9,216.52	8,943.98	272.54	33.818					
7,150.00	7,034.83	7,003.83	7,003.83	31.62	242.78	7.01	1,119.73	9,093.35	9,180.75	8,906.89	273.86	33.524					
7,200.00	7,066.72	7,035.72	7,035.72	31.79	243.89	6.16	1,119.73	9,093.35	9,142.36	8,867.29	275.06	33.237					
7,250.00	7,095.52	7,064.52	7,064.52	31.96	244.90	5.34	1,119.73	9,093.35	9,101.57	8,825.43	276.15	32.959					
7,300.00	7,121.07	7,109.93	7,090.07	32.13	246.48	4.51	1,119.73	9,093.35	9,058.65	8,780.86	277.80	32.609					
7,350.00	7,143.21	7,112.21	7,112.21	32.30	246.56	3.57	1,119.73	9,093.35	9,013.85	8,735.93	277.93	32.433					
7,400.00	7,161.80	7,130.80	7,130.80	32.47	247.21	2.39	1,119.73	9,093.35	8,967.46	8,688.85	278.61	32.186					
7,450.00	7,176.72	7,145.72	7,145.72	32.64	247.73	0.69	1,119.73	9,093.35	8,919.75	8,640.59	279.16	31.952					
7,500.00	7,187.89	7,156.89	7,156.89	32.82	248.12	-2.27	1,119.73	9,093.35	8,871.03	8,591.46	279.57	31.731					
7,550.00	7,195.23	7,164.23	7,164.23	32.99	248.38	-9.21	1,119.73	9,093.35	8,821.59	8,541.75	279.84	31.524					
7,600.00	7,198.70	7,167.70	7,167.70	33.17	248.50	-42.15	1,119.73	9,093.35	8,771.74	8,491.77	279.96	31.332					
7,622.60	7,199.00	7,168.00	7,168.00	33.25	248.51	-98.20	1,119.73	9,093.35	8,749.15	8,469.17	279.98	31.250					
7,700.00	7,198.64	7,167.64	7,167.64	33.54	248.50	-98.13	1,119.73	9,093.35	8,671.79	8,391.83	279.96	30.975					
7,800.00	7,198.17	7,167.17	7,167.17	33.98	248.48	-98.04	1,119.73	9,093.35	8,571.85	8,291.90	279.95	30.619					
7,900.00	7,197.71	7,166.71	7,166.71	34.47	248.47	-97.95	1,119.73	9,093.35	8,471.90	8,191.96	279.94	30.264					
8,000.00	7,197.24	7,166.24	7,166.24	35.03	248.45	-97.85	1,119.73	9,093.35	8,371.96	8,092.03	279.92	29.908					
8,100.00	7,196.78	7,165.78	7,165.78	35.64	248.43	-97.76	1,119.73	9,093.35	8,272.02	7,992.10	279.91	29.552					
8,200.00	7,196.31	7,165.31	7,165.31	36.30	248.42	-97.67	1,119.73	9,093.35	8,172.08	7,892.17	279.90	29.196					
8,300.00	7,195.85	7,164.85	7,164.85	37.01	248.40	-97.58	1,119.73	9,093.35	8,072.14	7,792.24	279.90	28.840					
8,400.00	7,195.38	7,164.38	7,164.38	37.77	248.39	-97.48	1,119.73	9,093.35	7,972.20	7,692.31	279.89	28.483					
8,500.00	7,194.92	7,163.92	7,163.92	38.57	248.37	-97.39	1,119.73	9,093.35	7,872.27	7,592.38	279.88	28.127					
8,600.00	7,194.46	7,163.46	7,163.46	39.41	248.35	-97.30	1,119.73	9,093.35	7,772.33	7,492.45	279.88	27.771					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ELDRIDGE #31-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,700.00	7,193.99	7,162.99	7,162.99	40.30	248.34	-97.20	1,119.73	9,093.35	7,672.40	7,392.53	279.87	27.414					
8,800.00	7,193.53	7,162.53	7,162.53	41.22	248.32	-97.11	1,119.73	9,093.35	7,572.47	7,292.60	279.87	27.057					
8,900.00	7,193.06	7,162.06	7,162.06	42.17	248.30	-97.02	1,119.73	9,093.35	7,472.54	7,192.67	279.87	26.700					
9,000.00	7,192.60	7,161.60	7,161.60	43.16	248.29	-96.92	1,119.73	9,093.35	7,372.61	7,092.74	279.87	26.343					
9,100.00	7,192.13	7,161.13	7,161.13	44.17	248.27	-96.83	1,119.73	9,093.35	7,272.69	6,992.82	279.87	25.986					
9,200.00	7,191.67	7,160.67	7,160.67	45.22	248.26	-96.74	1,119.73	9,093.35	7,172.77	6,892.89	279.87	25.629					
9,300.00	7,191.20	7,160.20	7,160.20	46.29	248.24	-96.65	1,119.73	9,093.35	7,072.85	6,792.97	279.87	25.272					
9,400.00	7,190.74	7,159.74	7,159.74	47.38	248.22	-96.55	1,119.73	9,093.35	6,972.93	6,693.05	279.88	24.914					
9,500.00	7,190.27	7,159.27	7,159.27	48.50	248.21	-96.46	1,119.73	9,093.35	6,873.01	6,593.13	279.88	24.557					
9,600.00	7,189.81	7,158.81	7,158.81	49.64	248.19	-96.37	1,119.73	9,093.35	6,773.10	6,493.21	279.89	24.199					
9,700.00	7,189.34	7,158.34	7,158.34	50.80	248.17	-96.27	1,119.73	9,093.35	6,673.19	6,393.29	279.90	23.841					
9,800.00	7,188.88	7,157.88	7,157.88	51.98	248.16	-96.18	1,119.73	9,093.35	6,573.28	6,293.37	279.91	23.484					
9,900.00	7,188.41	7,157.41	7,157.41	53.17	248.14	-96.09	1,119.73	9,093.35	6,473.37	6,193.45	279.92	23.126					
10,000.00	7,187.95	7,156.95	7,156.95	54.38	248.13	-95.99	1,119.73	9,093.35	6,373.47	6,093.54	279.93	22.768					
10,100.00	7,187.49	7,156.49	7,156.49	55.61	248.11	-95.90	1,119.73	9,093.35	6,273.57	5,993.63	279.94	22.410					
10,200.00	7,187.02	7,156.02	7,156.02	56.85	248.09	-95.81	1,119.73	9,093.35	6,173.67	5,893.72	279.96	22.052					
10,300.00	7,186.56	7,155.56	7,155.56	58.10	248.08	-95.71	1,119.73	9,093.35	6,073.78	5,793.81	279.97	21.694					
10,400.00	7,186.09	7,155.09	7,155.09	59.37	248.06	-95.62	1,119.73	9,093.35	5,973.89	5,693.90	279.99	21.336					
10,500.00	7,185.63	7,154.63	7,154.63	60.64	248.04	-95.52	1,119.73	9,093.35	5,874.01	5,594.00	280.01	20.978					
10,600.00	7,185.16	7,154.16	7,154.16	61.93	248.03	-95.43	1,119.73	9,093.35	5,774.12	5,494.10	280.03	20.620					
10,700.00	7,184.70	7,153.70	7,153.70	63.23	248.01	-95.34	1,119.73	9,093.35	5,674.25	5,394.20	280.05	20.262					
10,800.00	7,184.23	7,153.23	7,153.23	64.54	248.00	-95.24	1,119.73	9,093.35	5,574.37	5,294.30	280.07	19.903					
10,900.00	7,183.77	7,152.77	7,152.77	65.85	247.98	-95.15	1,119.73	9,093.35	5,474.50	5,194.41	280.10	19.545					
11,000.00	7,183.30	7,152.30	7,152.30	67.18	247.96	-95.06	1,119.73	9,093.35	5,374.64	5,094.52	280.12	19.187					
11,100.00	7,182.84	7,151.84	7,151.84	68.51	247.95	-94.96	1,119.73	9,093.35	5,274.78	4,994.63	280.15	18.829					
11,200.00	7,182.37	7,151.37	7,151.37	69.85	247.93	-94.87	1,119.73	9,093.35	5,174.93	4,894.75	280.18	18.470					
11,300.00	7,181.91	7,150.91	7,150.91	71.20	247.91	-94.78	1,119.73	9,093.35	5,075.08	4,794.87	280.21	18.112					
11,400.00	7,181.45	7,150.45	7,150.45	72.56	247.90	-94.68	1,119.73	9,093.35	4,975.24	4,695.00	280.24	17.754					
11,500.00	7,180.98	7,149.98	7,149.98	73.92	247.88	-94.59	1,119.73	9,093.35	4,875.40	4,595.13	280.27	17.395					
11,600.00	7,180.52	7,149.52	7,149.52	75.29	247.87	-94.49	1,119.73	9,093.35	4,775.58	4,495.27	280.31	17.037					
11,700.00	7,180.05	7,149.05	7,149.05	76.66	247.85	-94.40	1,119.73	9,093.35	4,675.76	4,395.41	280.35	16.678					
11,800.00	7,179.59	7,148.59	7,148.59	78.04	247.83	-94.31	1,119.73	9,093.35	4,575.94	4,295.55	280.39	16.320					
11,900.00	7,179.12	7,148.12	7,148.12	79.42	247.82	-94.21	1,119.73	9,093.35	4,476.14	4,195.71	280.43	15.962					
12,000.00	7,178.66	7,147.66	7,147.66	80.81	247.80	-94.12	1,119.73	9,093.35	4,376.34	4,095.86	280.48	15.603					
12,100.00	7,178.19	7,147.19	7,147.19	82.20	247.79	-94.02	1,119.73	9,093.35	4,276.56	3,996.03	280.53	15.245					
12,200.00	7,177.73	7,146.73	7,146.73	83.60	247.77	-93.93	1,119.73	9,093.35	4,176.78	3,896.20	280.58	14.886					
12,300.00	7,177.26	7,146.26	7,146.26	85.00	247.75	-93.84	1,119.73	9,093.35	4,077.01	3,796.38	280.63	14.528					
12,400.00	7,176.80	7,145.80	7,145.80	86.41	247.74	-93.74	1,119.73	9,093.35	3,977.26	3,696.57	280.69	14.170					
12,500.00	7,176.33	7,145.33	7,145.33	87.82	247.72	-93.65	1,119.73	9,093.35	3,877.52	3,596.77	280.75	13.811					
12,600.00	7,175.87	7,144.87	7,144.87	89.23	247.70	-93.55	1,119.73	9,093.35	3,777.79	3,496.98	280.81	13.453					
12,700.00	7,175.40	7,144.40	7,144.40	90.65	247.69	-93.46	1,119.73	9,093.35	3,678.08	3,397.19	280.88	13.095					
12,800.00	7,174.94	7,143.94	7,143.94	92.07	247.67	-93.37	1,119.73	9,093.35	3,578.38	3,297.42	280.96	12.736					
12,900.00	7,174.48	7,143.48	7,143.48	93.49	247.66	-93.27	1,119.73	9,093.35	3,478.70	3,197.66	281.04	12.378					
13,000.00	7,174.01	7,143.01	7,143.01	94.91	247.64	-93.18	1,119.73	9,093.35	3,379.04	3,097.92	281.12	12.020					
13,100.00	7,173.55	7,142.55	7,142.55	96.34	247.62	-93.08	1,119.73	9,093.35	3,279.40	2,998.19	281.22	11.661					
13,200.00	7,173.08	7,142.08	7,142.08	97.77	247.61	-92.99	1,119.73	9,093.35	3,179.79	2,898.47	281.32	11.303					
13,300.00	7,172.62	7,141.62	7,141.62	99.21	247.59	-92.89	1,119.73	9,093.35	3,080.19	2,798.77	281.43	10.945					
13,400.00	7,172.15	7,141.15	7,141.15	100.64	247.57	-92.80	1,119.73	9,093.35	2,980.63	2,699.08	281.54	10.587					
13,500.00	7,171.69	7,140.69	7,140.69	102.08	247.56	-92.71	1,119.73	9,093.35	2,881.09	2,599.42	281.67	10.228					
13,600.00	7,171.22	7,140.22	7,140.22	103.52	247.54	-92.61	1,119.73	9,093.35	2,781.59	2,499.77	281.82	9.870					
13,700.00	7,170.76	7,139.76	7,139.76	104.97	247.53	-92.52	1,119.73	9,093.35	2,682.13	2,400.15	281.97	9.512					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	7,139.29	7,139.29	106.41	247.51	-92.42	1,119.73	9,093.35	2,582.70	2,300.55	282.15	9.154		
13,900.00	7,169.83	7,138.83	7,138.83	107.86	247.49	-92.33	1,119.73	9,093.35	2,483.32	2,200.98	282.34	8.795		
14,000.00	7,169.36	7,138.36	7,138.36	109.31	247.48	-92.23	1,119.73	9,093.35	2,384.00	2,101.44	282.56	8.437		
14,100.00	7,168.90	7,137.90	7,137.90	110.76	247.46	-92.14	1,119.73	9,093.35	2,284.73	2,001.93	282.81	8.079		
14,200.00	7,168.44	7,137.44	7,137.44	112.21	247.44	-92.05	1,119.73	9,093.35	2,185.53	1,902.45	283.08	7.720		
14,300.00	7,167.97	7,136.97	7,136.97	113.67	247.43	-91.95	1,119.73	9,093.35	2,086.41	1,803.01	283.40	7.362		
14,400.00	7,167.51	7,136.51	7,136.51	115.12	247.41	-91.86	1,119.73	9,093.35	1,987.37	1,703.61	283.76	7.004		
14,500.00	7,167.04	7,136.04	7,136.04	116.58	247.40	-91.76	1,119.73	9,093.35	1,888.44	1,604.25	284.19	6.645		
14,600.00	7,166.58	7,135.58	7,135.58	118.04	247.38	-91.67	1,119.73	9,093.35	1,789.62	1,504.94	284.68	6.287		
14,700.00	7,166.11	7,135.11	7,135.11	119.50	247.36	-91.57	1,119.73	9,093.35	1,690.94	1,405.69	285.25	5.928		
14,800.00	7,165.65	7,134.65	7,134.65	120.97	247.35	-91.48	1,119.73	9,093.35	1,592.43	1,306.50	285.93	5.569		
14,900.00	7,165.18	7,134.18	7,134.18	122.43	247.33	-91.39	1,119.73	9,093.35	1,494.11	1,207.37	286.74	5.211		
15,000.00	7,164.72	7,133.72	7,133.72	123.90	247.31	-91.29	1,119.73	9,093.35	1,396.04	1,108.31	287.72	4.852		
15,100.00	7,164.25	7,133.25	7,133.25	125.36	247.30	-91.20	1,119.73	9,093.35	1,298.25	1,009.34	288.92	4.494		
15,200.00	7,163.79	7,132.79	7,132.79	126.83	247.28	-91.10	1,119.73	9,093.35	1,200.84	910.45	290.38	4.135		
15,300.00	7,163.32	7,132.32	7,132.32	128.30	247.27	-91.01	1,119.73	9,093.35	1,103.88	811.68	292.21	3.778		
15,400.00	7,162.86	7,131.86	7,131.86	129.77	247.25	-90.91	1,119.73	9,093.35	1,007.52	713.02	294.50	3.421		
15,500.00	7,162.39	7,131.39	7,131.39	131.24	247.23	-90.82	1,119.73	9,093.35	911.94	614.52	297.43	3.066		
15,600.00	7,161.93	7,130.93	7,130.93	132.71	247.22	-90.72	1,119.73	9,093.35	817.43	516.21	301.21	2.714		
15,700.00	7,161.47	7,130.47	7,130.47	134.19	247.20	-90.63	1,119.73	9,093.35	724.38	418.21	306.18	2.366		
15,800.00	7,161.00	7,130.00	7,130.00	135.66	247.19	-90.54	1,119.73	9,093.35	633.46	320.68	312.78	2.025		
15,900.00	7,160.54	7,129.54	7,129.54	137.14	247.17	-90.44	1,119.73	9,093.35	545.72	224.06	321.66	1.697		
16,000.00	7,160.07	7,129.07	7,129.07	138.61	247.15	-90.35	1,119.73	9,093.35	462.98	129.33	333.65	1.388 Level 3		
16,100.00	7,159.61	7,128.61	7,128.61	140.09	247.14	-90.25	1,119.73	9,093.35	388.45	38.96	349.49	1.111 Level 2		
16,200.00	7,159.14	7,128.14	7,128.14	141.57	247.12	-90.16	1,119.73	9,093.35	327.77	-40.76	368.53	0.889 Level 1		
16,300.00	7,158.68	7,127.68	7,127.68	143.05	247.10	-90.06	1,119.73	9,093.35	289.78	-95.91	385.69	0.751 Level 1		
16,367.30	7,158.37	7,127.37	7,127.37	144.04	247.09	-90.00	1,119.73	9,093.35	281.86	-109.24	391.09	0.721 Level 1, CC, ES, SF		
16,400.00	7,158.21	7,127.21	7,127.21	144.53	247.09	-89.97	1,119.73	9,093.35	283.75	-107.30	391.05	0.726 Level 1		
16,500.00	7,157.75	7,126.75	7,126.75	146.01	247.07	-89.87	1,119.73	9,093.35	311.53	-69.88	381.41	0.817 Level 1		
16,600.00	7,157.28	7,126.28	7,126.28	147.49	247.06	-89.78	1,119.73	9,093.35	365.50	0.38	365.12	1.001 Level 2		
16,700.00	7,156.82	7,125.82	7,125.82	148.97	247.04	-89.69	1,119.73	9,093.35	436.04	86.42	349.61	1.247 Level 2		
16,800.00	7,156.35	7,125.35	7,125.35	150.45	247.02	-89.59	1,119.73	9,093.35	516.40	179.23	337.17	1.532		
16,900.00	7,155.89	7,124.89	7,124.89	151.94	247.01	-89.50	1,119.73	9,093.35	602.66	275.00	327.66	1.839		
17,000.00	7,155.43	7,124.43	7,124.43	153.42	246.99	-89.40	1,119.73	9,093.35	692.63	372.20	320.43	2.162		
17,100.00	7,154.96	7,123.96	7,123.96	154.90	246.97	-89.31	1,119.73	9,093.35	785.03	470.15	314.88	2.493		
17,200.00	7,154.50	7,123.50	7,123.50	156.39	246.96	-89.21	1,119.73	9,093.35	879.10	568.53	310.56	2.831		
17,300.00	7,154.03	7,123.03	7,123.03	157.88	246.94	-89.12	1,119.73	9,093.35	974.35	667.19	307.15	3.172		
17,400.00	7,153.57	7,122.57	7,122.57	159.36	246.93	-89.02	1,119.73	9,093.35	1,070.46	766.04	304.42	3.516		
17,500.00	7,153.10	7,122.10	7,122.10	160.85	246.91	-88.93	1,119.73	9,093.35	1,167.23	865.02	302.21	3.862		
17,600.00	7,152.64	7,121.64	7,121.64	162.34	246.89	-88.84	1,119.73	9,093.35	1,264.50	964.11	300.39	4.210		
17,700.00	7,152.17	7,121.17	7,121.17	163.83	246.88	-88.74	1,119.73	9,093.35	1,362.16	1,063.28	298.89	4.557		
17,737.15	7,152.00	7,121.00	7,121.00	164.38	246.87	-88.71	1,119.73	9,093.35	1,398.53	1,100.14	298.39	4.687		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
7,600.00	7,198.70	7,187.70	7,187.70	33.17	249.20	-41.51	1,155.90	10,287.03	9,965.95	9,685.29	280.66	35.509			
7,622.60	7,199.00	7,188.00	7,188.00	33.25	249.21	-98.36	1,155.90	10,287.03	9,943.37	9,662.69	280.67	35.427			
7,700.00	7,198.64	7,187.64	7,187.64	33.54	249.20	-98.30	1,155.90	10,287.03	9,866.01	9,585.34	280.66	35.153			
7,800.00	7,198.17	7,187.17	7,187.17	33.98	249.18	-98.21	1,155.90	10,287.03	9,766.06	9,485.41	280.65	34.798			
7,900.00	7,197.71	7,186.71	7,186.71	34.47	249.16	-98.13	1,155.90	10,287.03	9,666.11	9,385.48	280.64	34.444			
8,000.00	7,197.24	7,186.24	7,186.24	35.03	249.15	-98.05	1,155.90	10,287.03	9,566.17	9,285.54	280.62	34.089			
8,100.00	7,196.78	7,185.78	7,185.78	35.64	249.13	-97.97	1,155.90	10,287.03	9,466.22	9,185.61	280.61	33.734			
8,200.00	7,196.31	7,185.31	7,185.31	36.30	249.12	-97.88	1,155.90	10,287.03	9,366.28	9,085.67	280.60	33.379			
8,300.00	7,195.85	7,184.85	7,184.85	37.01	249.10	-97.80	1,155.90	10,287.03	9,266.34	8,985.74	280.60	33.024			
8,400.00	7,195.38	7,184.38	7,184.38	37.77	249.08	-97.72	1,155.90	10,287.03	9,166.39	8,885.81	280.59	32.669			
8,500.00	7,194.92	7,183.92	7,183.92	38.57	249.07	-97.63	1,155.90	10,287.03	9,066.46	8,785.87	280.58	32.313			
8,600.00	7,194.46	7,183.46	7,183.46	39.41	249.05	-97.55	1,155.90	10,287.03	8,966.52	8,685.94	280.58	31.957			
8,700.00	7,193.99	7,182.99	7,182.99	40.30	249.03	-97.47	1,155.90	10,287.03	8,866.58	8,586.01	280.57	31.602			
8,800.00	7,193.53	7,182.53	7,182.53	41.22	249.02	-97.38	1,155.90	10,287.03	8,766.64	8,486.07	280.57	31.246			
8,900.00	7,193.06	7,182.06	7,182.06	42.17	249.00	-97.30	1,155.90	10,287.03	8,666.71	8,386.14	280.57	30.890			
9,000.00	7,192.60	7,181.60	7,181.60	43.16	248.99	-97.22	1,155.90	10,287.03	8,566.78	8,286.21	280.57	30.534			
9,100.00	7,192.13	7,181.13	7,181.13	44.17	248.97	-97.13	1,155.90	10,287.03	8,466.85	8,186.28	280.57	30.177			
9,200.00	7,191.67	7,180.67	7,180.67	45.22	248.95	-97.05	1,155.90	10,287.03	8,366.92	8,086.35	280.57	29.821			
9,300.00	7,191.20	7,180.20	7,180.20	46.29	248.94	-96.97	1,155.90	10,287.03	8,266.99	7,986.42	280.58	29.464			
9,400.00	7,190.74	7,179.74	7,179.74	47.38	248.92	-96.88	1,155.90	10,287.03	8,167.06	7,886.48	280.58	29.108			
9,500.00	7,190.27	7,179.27	7,179.27	48.50	248.91	-96.80	1,155.90	10,287.03	8,067.14	7,786.56	280.59	28.751			
9,600.00	7,189.81	7,178.81	7,178.81	49.64	248.89	-96.72	1,155.90	10,287.03	7,967.22	7,686.63	280.59	28.394			
9,700.00	7,189.34	7,178.34	7,178.34	50.80	248.87	-96.63	1,155.90	10,287.03	7,867.30	7,586.70	280.60	28.037			
9,800.00	7,188.88	7,177.88	7,177.88	51.98	248.86	-96.55	1,155.90	10,287.03	7,767.38	7,486.77	280.61	27.680			
9,900.00	7,188.41	7,177.41	7,177.41	53.17	248.84	-96.46	1,155.90	10,287.03	7,667.46	7,386.84	280.62	27.323			
10,000.00	7,187.95	7,176.95	7,176.95	54.38	248.82	-96.38	1,155.90	10,287.03	7,567.55	7,286.92	280.63	26.966			
10,100.00	7,187.49	7,176.49	7,176.49	55.61	248.81	-96.30	1,155.90	10,287.03	7,467.64	7,186.99	280.65	26.609			
10,200.00	7,187.02	7,176.02	7,176.02	56.85	248.79	-96.21	1,155.90	10,287.03	7,367.73	7,087.07	280.66	26.251			
10,300.00	7,186.56	7,175.56	7,175.56	58.10	248.78	-96.13	1,155.90	10,287.03	7,267.82	6,987.15	280.68	25.894			
10,400.00	7,186.09	7,175.09	7,175.09	59.37	248.76	-96.05	1,155.90	10,287.03	7,167.92	6,887.23	280.69	25.537			
10,500.00	7,185.63	7,174.63	7,174.63	60.64	248.74	-95.96	1,155.90	10,287.03	7,068.02	6,787.31	280.71	25.179			
10,600.00	7,185.16	7,174.16	7,174.16	61.93	248.73	-95.88	1,155.90	10,287.03	6,968.12	6,687.39	280.73	24.821			
10,700.00	7,184.70	7,173.70	7,173.70	63.23	248.71	-95.79	1,155.90	10,287.03	6,868.22	6,587.47	280.75	24.464			
10,800.00	7,184.23	7,173.23	7,173.23	64.54	248.69	-95.71	1,155.90	10,287.03	6,768.33	6,487.56	280.77	24.106			
10,900.00	7,183.77	7,172.77	7,172.77	65.85	248.68	-95.63	1,155.90	10,287.03	6,668.44	6,387.64	280.80	23.748			
11,000.00	7,183.30	7,172.30	7,172.30	67.18	248.66	-95.54	1,155.90	10,287.03	6,568.55	6,287.73	280.82	23.391			
11,100.00	7,182.84	7,171.84	7,171.84	68.51	248.65	-95.46	1,155.90	10,287.03	6,468.67	6,187.82	280.85	23.033			
11,200.00	7,182.37	7,171.37	7,171.37	69.85	248.63	-95.37	1,155.90	10,287.03	6,368.79	6,087.92	280.88	22.675			
11,300.00	7,181.91	7,170.91	7,170.91	71.20	248.61	-95.29	1,155.90	10,287.03	6,268.92	5,988.01	280.90	22.317			
11,400.00	7,181.45	7,170.45	7,170.45	72.56	248.60	-95.21	1,155.90	10,287.03	6,169.05	5,888.11	280.94	21.959			
11,500.00	7,180.98	7,169.98	7,169.98	73.92	248.58	-95.12	1,155.90	10,287.03	6,069.18	5,788.21	280.97	21.601			
11,600.00	7,180.52	7,169.52	7,169.52	75.29	248.56	-95.04	1,155.90	10,287.03	5,969.32	5,688.32	281.00	21.243			
11,700.00	7,180.05	7,169.05	7,169.05	76.66	248.55	-94.95	1,155.90	10,287.03	5,869.46	5,588.42	281.04	20.885			
11,800.00	7,179.59	7,168.59	7,168.59	78.04	248.53	-94.87	1,155.90	10,287.03	5,769.61	5,488.53	281.07	20.527			
11,900.00	7,179.12	7,168.12	7,168.12	79.42	248.52	-94.79	1,155.90	10,287.03	5,669.76	5,388.64	281.11	20.169			
12,000.00	7,178.66	7,167.66	7,167.66	80.81	248.50	-94.70	1,155.90	10,287.03	5,569.92	5,288.76	281.15	19.811			
12,100.00	7,178.19	7,167.19	7,167.19	82.20	248.48	-94.62	1,155.90	10,287.03	5,470.08	5,188.88	281.20	19.453			
12,200.00	7,177.73	7,166.73	7,166.73	83.60	248.47	-94.53	1,155.90	10,287.03	5,370.25	5,089.01	281.24	19.095			
12,300.00	7,177.26	7,166.26	7,166.26	85.00	248.45	-94.45	1,155.90	10,287.03	5,270.42	4,989.13	281.29	18.737			
12,400.00	7,176.80	7,165.80	7,165.80	86.41	248.43	-94.37	1,155.90	10,287.03	5,170.61	4,889.27	281.34	18.379			
12,500.00	7,176.33	7,165.33	7,165.33	87.82	248.42	-94.28	1,155.90	10,287.03	5,070.79	4,789.41	281.39	18.021			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
12,600.00	7,175.87	7,164.87	7,164.87	89.23	248.40	-94.20	1,155.90	10,287.03	4,970.99	4,689.55	281.44	17.662		
12,700.00	7,175.40	7,164.40	7,164.40	90.65	248.39	-94.11	1,155.90	10,287.03	4,871.20	4,589.70	281.50	17.304		
12,800.00	7,174.94	7,163.94	7,163.94	92.07	248.37	-94.03	1,155.90	10,287.03	4,771.41	4,489.85	281.56	16.946		
12,900.00	7,174.48	7,163.48	7,163.48	93.49	248.35	-93.94	1,155.90	10,287.03	4,671.63	4,390.01	281.62	16.588		
13,000.00	7,174.01	7,163.01	7,163.01	94.91	248.34	-93.86	1,155.90	10,287.03	4,571.87	4,290.18	281.69	16.230		
13,100.00	7,173.55	7,162.55	7,162.55	96.34	248.32	-93.77	1,155.90	10,287.03	4,472.11	4,190.35	281.76	15.872		
13,200.00	7,173.08	7,162.08	7,162.08	97.77	248.30	-93.69	1,155.90	10,287.03	4,372.36	4,090.53	281.83	15.514		
13,300.00	7,172.62	7,161.62	7,161.62	99.21	248.29	-93.61	1,155.90	10,287.03	4,272.63	3,990.72	281.91	15.156		
13,400.00	7,172.15	7,161.15	7,161.15	100.64	248.27	-93.52	1,155.90	10,287.03	4,172.91	3,890.92	281.99	14.798		
13,500.00	7,171.69	7,160.69	7,160.69	102.08	248.26	-93.44	1,155.90	10,287.03	4,073.20	3,791.13	282.07	14.440		
13,600.00	7,171.22	7,160.22	7,160.22	103.52	248.24	-93.35	1,155.90	10,287.03	3,973.50	3,691.34	282.16	14.082		
13,700.00	7,170.76	7,159.76	7,159.76	104.97	248.22	-93.27	1,155.90	10,287.03	3,873.83	3,591.57	282.26	13.724		
13,800.00	7,170.29	7,159.29	7,159.29	106.41	248.21	-93.18	1,155.90	10,287.03	3,774.17	3,491.80	282.36	13.366		
13,900.00	7,169.83	7,158.83	7,158.83	107.86	248.19	-93.10	1,155.90	10,287.03	3,674.52	3,392.05	282.47	13.009		
14,000.00	7,169.36	7,158.36	7,158.36	109.31	248.18	-93.01	1,155.90	10,287.03	3,574.90	3,292.31	282.59	12.651		
14,100.00	7,168.90	7,157.90	7,157.90	110.76	248.16	-92.93	1,155.90	10,287.03	3,475.30	3,192.59	282.71	12.293		
14,200.00	7,168.44	7,157.44	7,157.44	112.21	248.14	-92.85	1,155.90	10,287.03	3,375.72	3,092.87	282.85	11.935		
14,300.00	7,167.97	7,156.97	7,156.97	113.67	248.13	-92.76	1,155.90	10,287.03	3,276.17	2,993.18	282.99	11.577		
14,400.00	7,167.51	7,156.51	7,156.51	115.12	248.11	-92.68	1,155.90	10,287.03	3,176.65	2,893.50	283.15	11.219		
14,500.00	7,167.04	7,156.04	7,156.04	116.58	248.09	-92.59	1,155.90	10,287.03	3,077.15	2,793.83	283.32	10.861		
14,600.00	7,166.58	7,155.58	7,155.58	118.04	248.08	-92.51	1,155.90	10,287.03	2,977.70	2,694.19	283.51	10.503		
14,700.00	7,166.11	7,155.11	7,155.11	119.50	248.06	-92.42	1,155.90	10,287.03	2,878.27	2,594.56	283.71	10.145		
14,800.00	7,165.65	7,154.65	7,154.65	120.97	248.05	-92.34	1,155.90	10,287.03	2,778.89	2,494.96	283.94	9.787		
14,900.00	7,165.18	7,154.18	7,154.18	122.43	248.03	-92.25	1,155.90	10,287.03	2,679.56	2,395.38	284.18	9.429		
15,000.00	7,164.72	7,153.72	7,153.72	123.90	248.01	-92.17	1,155.90	10,287.03	2,580.28	2,295.82	284.46	9.071		
15,100.00	7,164.25	7,153.25	7,153.25	125.36	248.00	-92.08	1,155.90	10,287.03	2,481.05	2,196.29	284.76	8.713		
15,200.00	7,163.79	7,152.79	7,152.79	126.83	247.98	-92.00	1,155.90	10,287.03	2,381.89	2,096.79	285.10	8.355		
15,300.00	7,163.32	7,152.32	7,152.32	128.30	247.96	-91.92	1,155.90	10,287.03	2,282.80	1,997.32	285.48	7.996		
15,400.00	7,162.86	7,151.86	7,151.86	129.77	247.95	-91.83	1,155.90	10,287.03	2,183.80	1,897.88	285.92	7.638		
15,500.00	7,162.39	7,151.39	7,151.39	131.24	247.93	-91.75	1,155.90	10,287.03	2,084.89	1,798.48	286.41	7.279		
15,600.00	7,161.93	7,150.93	7,150.93	132.71	247.92	-91.66	1,155.90	10,287.03	1,986.09	1,699.12	286.97	6.921		
15,700.00	7,161.47	7,150.47	7,150.47	134.19	247.90	-91.58	1,155.90	10,287.03	1,887.42	1,599.80	287.62	6.562		
15,800.00	7,161.00	7,150.00	7,150.00	135.66	247.88	-91.49	1,155.90	10,287.03	1,788.89	1,500.52	288.37	6.204		
15,900.00	7,160.54	7,149.54	7,149.54	137.14	247.87	-91.41	1,155.90	10,287.03	1,690.54	1,401.30	289.24	5.845		
16,000.00	7,160.07	7,149.07	7,149.07	138.61	247.85	-91.32	1,155.90	10,287.03	1,592.39	1,302.12	290.26	5.486		
16,100.00	7,159.61	7,148.61	7,148.61	140.09	247.83	-91.24	1,155.90	10,287.03	1,494.49	1,203.01	291.48	5.127		
16,200.00	7,159.14	7,148.14	7,148.14	141.57	247.82	-91.15	1,155.90	10,287.03	1,396.88	1,103.96	292.92	4.769		
16,300.00	7,158.68	7,147.68	7,147.68	143.05	247.80	-91.07	1,155.90	10,287.03	1,299.64	1,004.98	294.66	4.411		
16,400.00	7,158.21	7,147.21	7,147.21	144.53	247.79	-90.98	1,155.90	10,287.03	1,202.85	906.08	296.76	4.053		
16,500.00	7,157.75	7,146.75	7,146.75	146.01	247.77	-90.90	1,155.90	10,287.03	1,106.63	807.28	299.35	3.697		
16,600.00	7,157.28	7,146.28	7,146.28	147.49	247.75	-90.81	1,155.90	10,287.03	1,011.14	708.60	302.54	3.342		
16,700.00	7,156.82	7,145.82	7,145.82	148.97	247.74	-90.73	1,155.90	10,287.03	916.62	610.08	306.54	2.990		
16,800.00	7,156.35	7,145.35	7,145.35	150.45	247.72	-90.64	1,155.90	10,287.03	823.39	511.78	311.60	2.642		
16,900.00	7,155.89	7,144.89	7,144.89	151.94	247.70	-90.56	1,155.90	10,287.03	731.95	413.86	318.09	2.301		
17,000.00	7,155.43	7,144.43	7,144.43	153.42	247.69	-90.48	1,155.90	10,287.03	643.06	316.59	326.48	1.970		
17,100.00	7,154.96	7,143.96	7,143.96	154.90	247.67	-90.39	1,155.90	10,287.03	557.95	220.55	337.40	1.654		
17,200.00	7,154.50	7,143.50	7,143.50	156.39	247.66	-90.31	1,155.90	10,287.03	478.63	127.08	351.55	1.361 Level 3		
17,300.00	7,154.03	7,143.03	7,143.03	157.88	247.64	-90.22	1,155.90	10,287.03	408.50	39.28	369.22	1.106 Level 2		
17,400.00	7,153.57	7,142.57	7,142.57	159.36	247.62	-90.14	1,155.90	10,287.03	353.06	-35.84	388.90	0.908 Level 1		
17,500.00	7,153.10	7,142.10	7,142.10	160.85	247.61	-90.05	1,155.90	10,287.03	320.04	-84.95	404.99	0.790 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											LEFFLER 8-21 PAD - ELDRIDGE #3-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)				
17,561.11	7,152.82	7,141.82	7,141.82	161.76	247.60	-90.00	1,155.90	10,287.03	314.16	-95.17	409.32	0.768	Level 1, CC, ES, SF		
17,600.00	7,152.64	7,141.64	7,141.64	162.34	247.59	-89.97	1,155.90	10,287.03	316.55	-92.58	409.14	0.774	Level 1		
17,700.00	7,152.17	7,141.17	7,141.17	163.83	247.58	-89.88	1,155.90	10,287.03	343.49	-55.98	399.47	0.860	Level 1		
17,737.15	7,152.00	7,141.00	7,141.00	164.38	247.57	-89.85	1,155.90	10,287.03	360.12	-33.58	393.70	0.915	Level 1		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ELDRIDGE #4-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
7,900.00	7,197.71	7,154.71	7,154.71	34.47	248.05	92.47	-222.53	10,516.01	9,942.71	9,663.04	279.67	35.551					
8,000.00	7,197.24	7,154.24	7,154.24	35.03	248.03	92.44	-222.53	10,516.01	9,843.30	9,563.60	279.69	35.193					
8,100.00	7,196.78	7,153.78	7,153.78	35.64	248.02	92.42	-222.53	10,516.01	9,743.89	9,464.18	279.71	34.835					
8,200.00	7,196.31	7,153.31	7,153.31	36.30	248.00	92.39	-222.53	10,516.01	9,644.50	9,364.76	279.74	34.477					
8,300.00	7,195.85	7,152.85	7,152.85	37.01	247.98	92.37	-222.53	10,516.01	9,545.12	9,265.35	279.77	34.118					
8,400.00	7,195.38	7,152.38	7,152.38	37.77	247.97	92.34	-222.53	10,516.01	9,445.75	9,165.95	279.80	33.759					
8,500.00	7,194.92	7,151.92	7,151.92	38.57	247.95	92.32	-222.53	10,516.01	9,346.39	9,066.56	279.83	33.400					
8,600.00	7,194.46	7,151.46	7,151.46	39.41	247.93	92.29	-222.53	10,516.01	9,247.05	8,967.19	279.87	33.041					
8,700.00	7,193.99	7,150.99	7,150.99	40.30	247.92	92.27	-222.53	10,516.01	9,147.73	8,867.82	279.91	32.681					
8,800.00	7,193.53	7,150.53	7,150.53	41.22	247.90	92.24	-222.53	10,516.01	9,048.41	8,768.47	279.95	32.322					
8,900.00	7,193.06	7,150.06	7,150.06	42.17	247.89	92.22	-222.53	10,516.01	8,949.12	8,669.12	280.00	31.962					
9,000.00	7,192.60	7,149.60	7,149.60	43.16	247.87	92.20	-222.53	10,516.01	8,849.84	8,569.79	280.05	31.601					
9,100.00	7,192.13	7,149.13	7,149.13	44.17	247.85	92.17	-222.53	10,516.01	8,750.57	8,470.48	280.10	31.241					
9,200.00	7,191.67	7,148.67	7,148.67	45.22	247.84	92.15	-222.53	10,516.01	8,651.33	8,371.17	280.16	30.880					
9,300.00	7,191.20	7,148.20	7,148.20	46.29	247.82	92.12	-222.53	10,516.01	8,552.10	8,271.88	280.22	30.520					
9,400.00	7,190.74	7,147.74	7,147.74	47.38	247.80	92.10	-222.53	10,516.01	8,452.89	8,172.61	280.28	30.159					
9,500.00	7,190.27	7,147.27	7,147.27	48.50	247.79	92.07	-222.53	10,516.01	8,353.69	8,073.35	280.35	29.798					
9,600.00	7,189.81	7,146.81	7,146.81	49.64	247.77	92.05	-222.53	10,516.01	8,254.52	7,974.10	280.42	29.436					
9,700.00	7,189.34	7,146.34	7,146.34	50.80	247.76	92.02	-222.53	10,516.01	8,155.37	7,874.87	280.50	29.075					
9,800.00	7,188.88	7,145.88	7,145.88	51.98	247.74	92.00	-222.53	10,516.01	8,056.24	7,775.66	280.58	28.713					
9,900.00	7,188.41	7,145.41	7,145.41	53.17	247.72	91.97	-222.53	10,516.01	7,957.13	7,676.46	280.67	28.351					
10,000.00	7,187.95	7,144.95	7,144.95	54.38	247.71	91.95	-222.53	10,516.01	7,858.04	7,577.28	280.76	27.989					
10,100.00	7,187.49	7,144.49	7,144.49	55.61	247.69	91.92	-222.53	10,516.01	7,758.97	7,478.12	280.85	27.626					
10,200.00	7,187.02	7,144.02	7,144.02	56.85	247.67	91.90	-222.53	10,516.01	7,659.93	7,378.98	280.95	27.264					
10,300.00	7,186.56	7,143.56	7,143.56	58.10	247.66	91.87	-222.53	10,516.01	7,560.92	7,279.86	281.06	26.901					
10,400.00	7,186.09	7,143.09	7,143.09	59.37	247.64	91.85	-222.53	10,516.01	7,461.93	7,180.76	281.17	26.539					
10,500.00	7,185.63	7,142.63	7,142.63	60.64	247.63	91.82	-222.53	10,516.01	7,362.97	7,081.68	281.29	26.176					
10,600.00	7,185.16	7,142.16	7,142.16	61.93	247.61	91.80	-222.53	10,516.01	7,264.04	6,982.62	281.42	25.812					
10,700.00	7,184.70	7,141.70	7,141.70	63.23	247.59	91.77	-222.53	10,516.01	7,165.13	6,883.59	281.55	25.449					
10,800.00	7,184.23	7,141.23	7,141.23	64.54	247.58	91.75	-222.53	10,516.01	7,066.26	6,784.58	281.68	25.086					
10,900.00	7,183.77	7,140.77	7,140.77	65.85	247.56	91.72	-222.53	10,516.01	6,967.42	6,685.59	281.83	24.722					
11,000.00	7,183.30	7,140.30	7,140.30	67.18	247.54	91.70	-222.53	10,516.01	6,868.61	6,586.63	281.98	24.358					
11,100.00	7,182.84	7,139.84	7,139.84	68.51	247.53	91.67	-222.53	10,516.01	6,769.84	6,487.70	282.14	23.994					
11,200.00	7,182.37	7,139.37	7,139.37	69.85	247.51	91.65	-222.53	10,516.01	6,671.11	6,388.80	282.31	23.630					
11,300.00	7,181.91	7,138.91	7,138.91	71.20	247.50	91.62	-222.53	10,516.01	6,572.41	6,289.92	282.49	23.266					
11,400.00	7,181.45	7,138.45	7,138.45	72.56	247.48	91.60	-222.53	10,516.01	6,473.75	6,191.08	282.67	22.902					
11,500.00	7,180.98	7,137.98	7,137.98	73.92	247.46	91.57	-222.53	10,516.01	6,375.14	6,092.27	282.87	22.538					
11,600.00	7,180.52	7,137.52	7,137.52	75.29	247.45	91.55	-222.53	10,516.01	6,276.57	5,993.49	283.07	22.173					
11,700.00	7,180.05	7,137.05	7,137.05	76.66	247.43	91.52	-222.53	10,516.01	6,178.04	5,894.75	283.29	21.808					
11,800.00	7,179.59	7,136.59	7,136.59	78.04	247.41	91.50	-222.53	10,516.01	6,079.56	5,796.05	283.52	21.443					
11,900.00	7,179.12	7,136.12	7,136.12	79.42	247.40	91.47	-222.53	10,516.01	5,981.14	5,697.38	283.75	21.079					
12,000.00	7,178.66	7,135.66	7,135.66	80.81	247.38	91.45	-222.53	10,516.01	5,882.76	5,598.76	284.00	20.714					
12,100.00	7,178.19	7,135.19	7,135.19	82.20	247.37	91.42	-222.53	10,516.01	5,784.44	5,500.17	284.27	20.349					
12,200.00	7,177.73	7,134.73	7,134.73	83.60	247.35	91.40	-222.53	10,516.01	5,686.18	5,401.64	284.55	19.983					
12,300.00	7,177.26	7,134.26	7,134.26	85.00	247.33	91.37	-222.53	10,516.01	5,587.99	5,303.15	284.84	19.618					
12,400.00	7,176.80	7,133.80	7,133.80	86.41	247.32	91.35	-222.53	10,516.01	5,489.85	5,204.71	285.15	19.253					
12,500.00	7,176.33	7,133.33	7,133.33	87.82	247.30	91.32	-222.53	10,516.01	5,391.79	5,106.32	285.47	18.887					
12,600.00	7,175.87	7,132.87	7,132.87	89.23	247.29	91.30	-222.53	10,516.01	5,293.80	5,007.98	285.81	18.522					
12,700.00	7,175.40	7,132.40	7,132.40	90.65	247.27	91.27	-222.53	10,516.01	5,195.88	4,909.71	286.17	18.156					
12,800.00	7,174.94	7,131.94	7,131.94	92.07	247.25	91.25	-222.53	10,516.01	5,098.05	4,811.49	286.55	17.791					
12,900.00	7,174.48	7,131.48	7,131.48	93.49	247.24	91.22	-222.53	10,516.01	5,000.30	4,713.34	286.95	17.425					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - ELDRIDGE #4-23 - OH - OH													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,000.00	7,174.01	7,131.01	7,131.01	94.91	247.22	91.20	-222.53	10,516.01	4,902.64	4,615.26	287.38	17.060		
13,100.00	7,173.55	7,130.55	7,130.55	96.34	247.20	91.17	-222.53	10,516.01	4,805.08	4,517.25	287.83	16.694		
13,200.00	7,173.08	7,130.08	7,130.08	97.77	247.19	91.15	-222.53	10,516.01	4,707.62	4,419.32	288.30	16.329		
13,300.00	7,172.62	7,129.62	7,129.62	99.21	247.17	91.12	-222.53	10,516.01	4,610.27	4,321.47	288.80	15.964		
13,400.00	7,172.15	7,129.15	7,129.15	100.64	247.16	91.10	-222.53	10,516.01	4,513.03	4,223.70	289.33	15.598		
13,500.00	7,171.69	7,128.69	7,128.69	102.08	247.14	91.07	-222.53	10,516.01	4,415.92	4,126.03	289.89	15.233		
13,600.00	7,171.22	7,128.22	7,128.22	103.52	247.12	91.05	-222.53	10,516.01	4,318.94	4,028.46	290.48	14.868		
13,700.00	7,170.76	7,127.76	7,127.76	104.97	247.11	91.02	-222.53	10,516.01	4,222.10	3,930.99	291.11	14.503		
13,800.00	7,170.29	7,127.29	7,127.29	106.41	247.09	91.00	-222.53	10,516.01	4,125.41	3,833.63	291.78	14.139		
13,900.00	7,169.83	7,126.83	7,126.83	107.86	247.07	90.97	-222.53	10,516.01	4,028.89	3,736.39	292.49	13.774		
14,000.00	7,169.36	7,126.36	7,126.36	109.31	247.06	90.95	-222.53	10,516.01	3,932.53	3,639.29	293.25	13.410		
14,100.00	7,168.90	7,125.90	7,125.90	110.76	247.04	90.92	-222.53	10,516.01	3,836.37	3,542.32	294.05	13.047		
14,200.00	7,168.44	7,125.44	7,125.44	112.21	247.03	90.90	-222.53	10,516.01	3,740.40	3,445.50	294.91	12.683		
14,300.00	7,167.97	7,124.97	7,124.97	113.67	247.01	90.87	-222.53	10,516.01	3,644.65	3,348.84	295.82	12.321		
14,400.00	7,167.51	7,124.51	7,124.51	115.12	246.99	90.85	-222.53	10,516.01	3,549.14	3,252.35	296.79	11.958		
14,500.00	7,167.04	7,124.04	7,124.04	116.58	246.98	90.82	-222.53	10,516.01	3,453.88	3,156.06	297.83	11.597		
14,600.00	7,166.58	7,123.58	7,123.58	118.04	246.96	90.80	-222.53	10,516.01	3,358.90	3,059.96	298.93	11.236		
14,700.00	7,166.11	7,123.11	7,123.11	119.50	246.94	90.77	-222.53	10,516.01	3,264.21	2,964.09	300.12	10.876		
14,800.00	7,165.65	7,122.65	7,122.65	120.97	246.93	90.75	-222.53	10,516.01	3,169.85	2,868.47	301.39	10.518		
14,900.00	7,165.18	7,122.18	7,122.18	122.43	246.91	90.72	-222.53	10,516.01	3,075.85	2,773.11	302.74	10.160		
15,000.00	7,164.72	7,121.72	7,121.72	123.90	246.90	90.70	-222.53	10,516.01	2,982.24	2,678.04	304.20	9.804		
15,100.00	7,164.25	7,121.25	7,121.25	125.36	246.88	90.67	-222.53	10,516.01	2,889.05	2,583.29	305.76	9.449		
15,200.00	7,163.79	7,120.79	7,120.79	126.83	246.86	90.65	-222.53	10,516.01	2,796.34	2,488.89	307.45	9.095		
15,300.00	7,163.32	7,120.32	7,120.32	128.30	246.85	90.62	-222.53	10,516.01	2,704.15	2,394.89	309.25	8.744		
15,400.00	7,162.86	7,119.86	7,119.86	129.77	246.83	90.60	-222.53	10,516.01	2,612.53	2,301.32	311.20	8.395		
15,500.00	7,162.39	7,119.39	7,119.39	131.24	246.81	90.57	-222.53	10,516.01	2,521.54	2,208.24	313.30	8.048		
15,600.00	7,161.93	7,118.93	7,118.93	132.71	246.80	90.55	-222.53	10,516.01	2,431.27	2,115.70	315.56	7.705		
15,700.00	7,161.47	7,118.47	7,118.47	134.19	246.78	90.52	-222.53	10,516.01	2,341.78	2,023.77	318.01	7.364		
15,800.00	7,161.00	7,118.00	7,118.00	135.66	246.77	90.50	-222.53	10,516.01	2,253.18	1,932.53	320.65	7.027		
15,900.00	7,160.54	7,117.54	7,117.54	137.14	246.75	90.47	-222.53	10,516.01	2,165.58	1,842.07	323.51	6.694		
16,000.00	7,160.07	7,117.07	7,117.07	138.61	246.73	90.45	-222.53	10,516.01	2,079.09	1,752.49	326.60	6.366		
16,100.00	7,159.61	7,116.61	7,116.61	140.09	246.72	90.42	-222.53	10,516.01	1,993.86	1,663.92	329.94	6.043		
16,200.00	7,159.14	7,116.14	7,116.14	141.57	246.70	90.40	-222.53	10,516.01	1,910.07	1,576.51	333.56	5.726		
16,300.00	7,158.68	7,115.68	7,115.68	143.05	246.69	90.37	-222.53	10,516.01	1,827.91	1,490.44	337.47	5.416		
16,400.00	7,158.21	7,115.21	7,115.21	144.53	246.67	90.35	-222.53	10,516.01	1,747.61	1,405.91	341.69	5.115		
16,500.00	7,157.75	7,114.75	7,114.75	146.01	246.65	90.32	-222.53	10,516.01	1,669.44	1,323.19	346.24	4.822		
16,600.00	7,157.28	7,114.28	7,114.28	147.49	246.64	90.30	-222.53	10,516.01	1,593.71	1,242.58	351.13	4.539		
16,700.00	7,156.82	7,113.82	7,113.82	148.97	246.62	90.27	-222.53	10,516.01	1,520.78	1,164.43	356.36	4.268		
16,800.00	7,156.35	7,113.35	7,113.35	150.45	246.60	90.25	-222.53	10,516.01	1,451.09	1,089.19	361.90	4.010		
16,900.00	7,155.89	7,112.89	7,112.89	151.94	246.59	90.22	-222.53	10,516.01	1,385.12	1,017.37	367.75	3.766		
17,000.00	7,155.43	7,112.43	7,112.43	153.42	246.57	90.20	-222.53	10,516.01	1,323.41	949.59	373.82	3.540		
17,100.00	7,154.96	7,111.96	7,111.96	154.90	246.56	90.17	-222.53	10,516.01	1,266.61	886.57	380.04	3.333		
17,200.00	7,154.50	7,111.50	7,111.50	156.39	246.54	90.15	-222.53	10,516.01	1,215.40	829.13	386.26	3.147		
17,300.00	7,154.03	7,111.03	7,111.03	157.88	246.52	90.12	-222.53	10,516.01	1,170.50	778.19	392.31	2.984		
17,400.00	7,153.57	7,110.57	7,110.57	159.36	246.51	90.10	-222.53	10,516.01	1,132.67	734.71	397.96	2.846		
17,500.00	7,153.10	7,110.10	7,110.10	160.85	246.49	90.07	-222.53	10,516.01	1,102.64	699.67	402.97	2.736		
17,600.00	7,152.64	7,109.64	7,109.64	162.34	246.47	90.05	-222.53	10,516.01	1,081.06	674.00	407.06	2.656		
17,700.00	7,152.17	7,109.17	7,109.17	163.83	246.46	90.02	-222.53	10,516.01	1,068.45	658.43	410.02	2.606		
17,737.15	7,152.00	7,109.00	7,109.00	164.38	246.45	90.01	-222.53	10,516.01	1,066.11	655.33	410.79	2.595 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	86.98	491.02	9,322.25	9,335.26					
100.00	100.00	60.00	60.00	3.28	3.44	86.98	491.02	9,322.25	9,335.18	9,328.45	6.73	1,387.656		
200.00	200.00	160.00	160.00	3.34	5.05	86.98	491.02	9,322.25	9,335.18	9,326.79	8.39	1,113.285		
300.00	300.00	260.00	260.00	3.44	8.03	86.98	491.02	9,322.25	9,335.18	9,323.70	11.47	813.667		
400.00	400.00	360.00	360.00	3.60	11.31	86.98	491.02	9,322.25	9,335.18	9,320.27	14.91	626.226		
500.00	499.99	459.99	459.99	3.80	14.68	146.98	491.02	9,322.25	9,335.91	9,317.43	18.48	505.138		
600.00	599.96	559.96	559.96	4.03	18.10	146.98	491.02	9,322.25	9,338.10	9,315.97	22.14	421.862		
700.00	699.86	659.86	659.86	4.30	21.54	146.98	491.02	9,322.25	9,341.76	9,315.92	25.84	361.496		
790.00	789.74	749.74	749.74	4.57	24.65	146.99	491.02	9,322.25	9,345.71	9,316.50	29.21	319.943		
800.00	799.73	759.73	759.73	4.60	24.99	143.85	491.02	9,322.25	9,346.15	9,316.57	29.59	315.893		
900.00	899.50	859.50	859.50	4.92	28.45	122.71	491.02	9,322.25	9,350.50	9,317.14	33.36	280.304		
1,000.00	999.05	959.05	959.05	5.26	31.90	112.47	491.02	9,322.25	9,354.76	9,317.61	37.15	251.839		
1,077.14	1,075.61	1,035.61	1,035.61	5.53	34.56	107.86	491.02	9,322.25	9,358.00	9,317.93	40.07	233.529		
1,100.00	1,098.26	1,058.26	1,058.26	5.61	35.35	107.88	491.02	9,322.25	9,358.95	9,318.01	40.94	228.603		
1,200.00	1,197.35	1,157.35	1,157.35	5.98	38.80	107.96	491.02	9,322.25	9,363.14	9,318.39	44.75	209.252		
1,300.00	1,296.44	1,256.44	1,256.44	6.35	42.24	108.03	491.02	9,322.25	9,367.34	9,318.77	48.56	192.883		
1,400.00	1,395.52	1,355.52	1,355.52	6.73	45.69	108.11	491.02	9,322.25	9,371.55	9,319.16	52.40	178.863		
1,500.00	1,494.61	1,454.61	1,454.61	7.12	49.14	108.19	491.02	9,322.25	9,375.79	9,319.56	56.23	166.727		
1,600.00	1,593.70	1,553.70	1,553.70	7.52	52.60	108.27	491.02	9,322.25	9,380.04	9,319.96	60.08	156.123		
1,700.00	1,692.78	1,652.78	1,652.78	7.93	56.05	108.34	491.02	9,322.25	9,384.31	9,320.38	63.93	146.780		
1,800.00	1,791.87	1,751.87	1,751.87	8.33	59.50	108.42	491.02	9,322.25	9,388.60	9,320.81	67.79	138.488		
1,900.00	1,890.95	1,850.95	1,850.95	8.75	62.96	108.50	491.02	9,322.25	9,392.91	9,321.25	71.66	131.082		
2,000.00	1,990.04	1,950.04	1,950.04	9.16	66.41	108.58	491.02	9,322.25	9,397.23	9,321.71	75.52	124.426		
2,100.00	2,089.13	2,049.13	2,049.13	9.58	69.87	108.65	491.02	9,322.25	9,401.57	9,322.18	79.40	118.414		
2,200.00	2,188.21	2,148.21	2,148.21	10.01	73.32	108.73	491.02	9,322.25	9,405.93	9,322.66	83.27	112.957		
2,300.00	2,287.30	2,247.30	2,247.30	10.43	76.78	108.81	491.02	9,322.25	9,410.30	9,323.16	87.15	107.983		
2,400.00	2,386.39	2,346.39	2,346.39	10.86	80.23	108.89	491.02	9,322.25	9,414.70	9,323.67	91.03	103.429		
2,500.00	2,485.47	2,445.47	2,445.47	11.29	83.69	108.96	491.02	9,322.25	9,419.11	9,324.20	94.91	99.246		
2,600.00	2,584.56	2,544.56	2,544.56	11.72	87.15	109.04	491.02	9,322.25	9,423.53	9,324.74	98.79	95.389		
2,700.00	2,683.65	2,643.65	2,643.65	12.15	90.60	109.12	491.02	9,322.25	9,427.98	9,325.30	102.68	91.823		
2,800.00	2,782.73	2,742.73	2,742.73	12.58	94.06	109.19	491.02	9,322.25	9,432.44	9,325.88	106.56	88.516		
2,900.00	2,881.82	2,841.82	2,841.82	13.02	97.52	109.27	491.02	9,322.25	9,436.92	9,326.47	110.45	85.441		
3,000.00	2,980.91	2,940.91	2,940.91	13.45	100.98	109.35	491.02	9,322.25	9,441.41	9,327.07	114.34	82.575		
3,100.00	3,079.99	3,039.99	3,039.99	13.89	104.43	109.42	491.02	9,322.25	9,445.92	9,327.69	118.23	79.896		
3,200.00	3,179.08	3,139.08	3,139.08	14.33	107.89	109.50	491.02	9,322.25	9,450.45	9,328.33	122.12	77.387		
3,300.00	3,278.17	3,238.17	3,238.17	14.76	111.35	109.58	491.02	9,322.25	9,455.00	9,328.99	126.01	75.033		
3,400.00	3,377.25	3,337.25	3,337.25	15.20	114.81	109.65	491.02	9,322.25	9,459.56	9,329.66	129.90	72.820		
3,500.00	3,476.34	3,436.34	3,436.34	15.64	118.26	109.73	491.02	9,322.25	9,464.14	9,330.35	133.80	70.735		
3,600.00	3,575.43	3,535.43	3,535.43	16.08	121.72	109.80	491.02	9,322.25	9,468.74	9,331.05	137.69	68.768		
3,700.00	3,674.51	3,634.51	3,634.51	16.53	125.18	109.88	491.02	9,322.25	9,473.36	9,331.77	141.59	66.909		
3,800.00	3,773.60	3,733.60	3,733.60	16.97	128.64	109.96	491.02	9,322.25	9,477.99	9,332.51	145.48	65.149		
3,900.00	3,872.69	3,832.69	3,832.69	17.41	132.09	110.03	491.02	9,322.25	9,482.64	9,333.26	149.38	63.481		
4,000.00	3,971.77	3,931.77	3,931.77	17.85	135.55	110.11	491.02	9,322.25	9,487.30	9,334.03	153.27	61.898		
4,100.00	4,070.86	4,030.86	4,030.86	18.29	139.01	110.18	491.02	9,322.25	9,491.98	9,334.81	157.17	60.393		
4,200.00	4,169.95	4,129.95	4,129.95	18.74	142.47	110.26	491.02	9,322.25	9,496.68	9,335.61	161.07	58.961		
4,300.00	4,269.03	4,229.03	4,229.03	19.18	145.93	110.34	491.02	9,322.25	9,501.40	9,336.43	164.97	57.596		
4,400.00	4,368.12	4,328.12	4,328.12	19.63	149.39	110.41	491.02	9,322.25	9,506.13	9,337.27	168.86	56.295		
4,500.00	4,467.21	4,427.21	4,427.21	20.07	152.84	110.49	491.02	9,322.25	9,510.88	9,338.12	172.76	55.052		
4,600.00	4,566.29	4,526.29	4,526.29	20.52	156.30	110.56	491.02	9,322.25	9,515.65	9,338.99	176.66	53.864		
4,700.00	4,665.38	4,625.38	4,625.38	20.96	159.76	110.64	491.02	9,322.25	9,520.43	9,339.87	180.56	52.727		
4,800.00	4,764.47	4,724.47	4,724.47	21.41	163.22	110.71	491.02	9,322.25	9,525.23	9,340.77	184.46	51.639		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ELDRIDGE #CNE-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,823.55	4,823.55	21.85	166.68	110.79	491.02	9,322.25	9,530.05	9,341.69	188.36	50.595					
5,000.00	4,962.64	4,922.64	4,922.64	22.30	170.14	110.86	491.02	9,322.25	9,534.88	9,342.62	192.26	49.594					
5,100.00	5,061.73	5,021.73	5,021.73	22.74	173.59	110.94	491.02	9,322.25	9,539.73	9,343.57	196.16	48.633					
5,200.00	5,160.81	5,120.81	5,120.81	23.19	177.05	111.01	491.02	9,322.25	9,544.59	9,344.53	200.06	47.709					
5,300.00	5,259.90	5,219.90	5,219.90	23.64	180.51	111.09	491.02	9,322.25	9,549.48	9,345.52	203.96	46.820					
5,400.00	5,358.99	5,318.99	5,318.99	24.08	183.97	111.16	491.02	9,322.25	9,554.38	9,346.52	207.86	45.965					
5,500.00	5,458.07	5,418.07	5,418.07	24.53	187.43	111.24	491.02	9,322.25	9,559.29	9,347.53	211.76	45.142					
5,600.00	5,557.16	5,517.16	5,517.16	24.98	190.89	111.31	491.02	9,322.25	9,564.22	9,348.56	215.66	44.348					
5,700.00	5,656.25	5,616.25	5,616.25	25.42	194.35	111.39	491.02	9,322.25	9,569.17	9,349.61	219.56	43.582					
5,800.00	5,755.33	5,715.33	5,715.33	25.87	197.80	111.46	491.02	9,322.25	9,574.14	9,350.67	223.47	42.844					
5,900.00	5,854.42	5,814.42	5,814.42	26.32	201.26	111.54	491.02	9,322.25	9,579.12	9,351.75	227.37	42.130					
6,000.00	5,953.51	5,913.51	5,913.51	26.77	204.72	111.61	491.02	9,322.25	9,584.12	9,352.85	231.27	41.441					
6,100.00	6,052.59	6,012.59	6,012.59	27.21	208.18	111.69	491.02	9,322.25	9,589.13	9,353.96	235.17	40.775					
6,200.00	6,151.68	6,111.68	6,111.68	27.66	211.64	111.76	491.02	9,322.25	9,594.16	9,355.09	239.07	40.131					
6,300.00	6,250.76	6,210.76	6,210.76	28.11	215.10	111.83	491.02	9,322.25	9,599.21	9,356.23	242.98	39.507					
6,400.00	6,349.85	6,309.85	6,309.85	28.56	218.56	111.91	491.02	9,322.25	9,604.27	9,357.39	246.88	38.903					
6,500.00	6,448.94	6,408.94	6,408.94	29.01	222.02	111.98	491.02	9,322.25	9,609.35	9,358.57	250.78	38.318					
6,589.36	6,537.48	6,502.52	6,497.48	29.41	225.28	112.05	491.02	9,322.25	9,613.90	9,359.46	254.44	37.784					
6,600.00	6,548.03	6,508.03	6,508.03	29.45	225.47	105.20	491.02	9,322.25	9,614.36	9,359.68	254.68	37.750					
6,650.00	6,597.61	6,557.61	6,557.61	29.67	227.20	71.10	491.02	9,322.25	9,614.12	9,357.48	256.63	37.463					
6,700.00	6,647.01	6,607.01	6,607.01	29.89	228.93	47.01	491.02	9,322.25	9,609.96	9,351.39	258.57	37.166					
6,750.00	6,695.92	6,655.92	6,655.92	30.10	230.64	33.80	491.02	9,322.25	9,601.91	9,341.43	260.48	36.862					
6,800.00	6,744.04	6,704.04	6,704.04	30.31	232.32	26.31	491.02	9,322.25	9,590.02	9,327.67	262.36	36.554					
6,850.00	6,791.07	6,751.07	6,751.07	30.51	233.96	21.69	491.02	9,322.25	9,574.37	9,310.19	264.18	36.242					
6,900.00	6,836.72	6,803.28	6,796.72	30.71	235.78	18.65	491.02	9,322.25	9,555.04	9,288.86	266.18	35.897					
6,950.00	6,880.71	6,840.71	6,840.71	30.90	237.09	16.54	491.02	9,322.25	9,532.17	9,264.52	267.65	35.615					
7,000.00	6,922.77	6,882.77	6,882.77	31.08	238.55	15.05	491.02	9,322.25	9,505.88	9,236.62	269.26	35.303					
7,050.00	6,962.63	6,922.63	6,922.63	31.27	239.95	13.98	491.02	9,322.25	9,476.35	9,205.56	270.79	34.995					
7,100.00	7,000.07	6,960.07	6,960.07	31.44	241.25	13.23	491.02	9,322.25	9,443.75	9,171.53	272.22	34.692					
7,150.00	7,034.83	7,005.17	6,994.83	31.62	242.83	12.73	491.02	9,322.25	9,408.28	9,134.38	273.90	34.349					
7,200.00	7,066.72	7,026.72	7,026.72	31.79	243.58	12.46	491.02	9,322.25	9,370.16	9,095.42	274.75	34.105					
7,250.00	7,095.52	7,055.52	7,055.52	31.96	244.59	12.41	491.02	9,322.25	9,329.64	9,053.80	275.83	33.824					
7,300.00	7,121.07	7,081.07	7,081.07	32.13	245.48	12.59	491.02	9,322.25	9,286.94	9,010.15	276.79	33.552					
7,350.00	7,143.21	7,103.21	7,103.21	32.30	246.25	13.06	491.02	9,322.25	9,242.35	8,964.73	277.62	33.292					
7,400.00	7,161.80	7,121.80	7,121.80	32.47	246.90	13.97	491.02	9,322.25	9,196.13	8,917.82	278.31	33.043					
7,450.00	7,176.72	7,136.72	7,136.72	32.64	247.42	15.59	491.02	9,322.25	9,148.57	8,869.71	278.86	32.807					
7,500.00	7,187.89	7,147.89	7,147.89	32.82	247.81	18.70	491.02	9,322.25	9,099.96	8,820.68	279.27	32.584					
7,550.00	7,195.23	7,155.23	7,155.23	32.99	248.07	26.03	491.02	9,322.25	9,050.59	8,771.05	279.55	32.376					
7,600.00	7,198.70	7,158.70	7,158.70	33.17	248.19	54.68	491.02	9,322.25	9,000.78	8,721.11	279.68	32.183					
7,622.60	7,199.00	7,159.00	7,159.00	33.25	248.20	96.84	491.02	9,322.25	8,978.21	8,698.51	279.69	32.100					
7,700.00	7,198.64	7,158.64	7,158.64	33.54	248.18	96.78	491.02	9,322.25	8,900.86	8,621.18	279.69	31.824					
7,800.00	7,198.17	7,158.17	7,158.17	33.98	248.17	96.70	491.02	9,322.25	8,800.94	8,521.25	279.69	31.467					
7,900.00	7,197.71	7,157.71	7,157.71	34.47	248.15	96.63	491.02	9,322.25	8,701.02	8,421.33	279.69	31.110					
8,000.00	7,197.24	7,157.24	7,157.24	35.03	248.14	96.55	491.02	9,322.25	8,601.10	8,321.42	279.69	30.752					
8,100.00	7,196.78	7,156.78	7,156.78	35.64	248.12	96.48	491.02	9,322.25	8,501.19	8,221.50	279.69	30.395					
8,200.00	7,196.31	7,156.31	7,156.31	36.30	248.10	96.40	491.02	9,322.25	8,401.27	8,121.58	279.70	30.037					
8,300.00	7,195.85	7,155.85	7,155.85	37.01	248.09	96.33	491.02	9,322.25	8,301.36	8,021.66	279.70	29.679					
8,400.00	7,195.38	7,155.38	7,155.38	37.77	248.07	96.25	491.02	9,322.25	8,201.45	7,921.74	279.71	29.321					
8,500.00	7,194.92	7,154.92	7,154.92	38.57	248.05	96.18	491.02	9,322.25	8,101.54	7,821.82	279.72	28.963					
8,600.00	7,194.46	7,154.46	7,154.46	39.41	248.04	96.10	491.02	9,322.25	8,001.64	7,721.91	279.73	28.605					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - ELDRIDGE #CNE-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,700.00	7,193.99	7,153.99	7,153.99	40.30	248.02	96.02	491.02	9,322.25	7,901.73	7,621.99	279.74	28.246					
8,800.00	7,193.53	7,153.53	7,153.53	41.22	248.01	95.95	491.02	9,322.25	7,801.83	7,522.08	279.76	27.888					
8,900.00	7,193.06	7,153.06	7,153.06	42.17	247.99	95.87	491.02	9,322.25	7,701.94	7,422.16	279.77	27.529					
9,000.00	7,192.60	7,152.60	7,152.60	43.16	247.97	95.80	491.02	9,322.25	7,602.04	7,322.25	279.79	27.171					
9,100.00	7,192.13	7,152.13	7,152.13	44.17	247.96	95.72	491.02	9,322.25	7,502.15	7,222.34	279.81	26.812					
9,200.00	7,191.67	7,151.67	7,151.67	45.22	247.94	95.64	491.02	9,322.25	7,402.26	7,122.43	279.83	26.453					
9,300.00	7,191.20	7,151.20	7,151.20	46.29	247.93	95.57	491.02	9,322.25	7,302.37	7,022.52	279.85	26.094					
9,400.00	7,190.74	7,150.74	7,150.74	47.38	247.91	95.49	491.02	9,322.25	7,202.49	6,922.61	279.87	25.735					
9,500.00	7,190.27	7,150.27	7,150.27	48.50	247.89	95.42	491.02	9,322.25	7,102.61	6,822.71	279.90	25.376					
9,600.00	7,189.81	7,149.81	7,149.81	49.64	247.88	95.34	491.02	9,322.25	7,002.73	6,722.80	279.93	25.016					
9,700.00	7,189.34	7,149.34	7,149.34	50.80	247.86	95.27	491.02	9,322.25	6,902.85	6,622.90	279.96	24.657					
9,800.00	7,188.88	7,148.88	7,148.88	51.98	247.84	95.19	491.02	9,322.25	6,802.98	6,523.00	279.99	24.297					
9,900.00	7,188.41	7,148.41	7,148.41	53.17	247.83	95.11	491.02	9,322.25	6,703.12	6,423.10	280.02	23.938					
10,000.00	7,187.95	7,147.95	7,147.95	54.38	247.81	95.04	491.02	9,322.25	6,603.25	6,323.20	280.06	23.578					
10,100.00	7,187.49	7,147.49	7,147.49	55.61	247.80	94.96	491.02	9,322.25	6,503.40	6,223.30	280.09	23.219					
10,200.00	7,187.02	7,147.02	7,147.02	56.85	247.78	94.89	491.02	9,322.25	6,403.54	6,123.41	280.13	22.859					
10,300.00	7,186.56	7,146.56	7,146.56	58.10	247.76	94.81	491.02	9,322.25	6,303.69	6,023.52	280.17	22.499					
10,400.00	7,186.09	7,146.09	7,146.09	59.37	247.75	94.73	491.02	9,322.25	6,203.85	5,923.63	280.22	22.139					
10,500.00	7,185.63	7,145.63	7,145.63	60.64	247.73	94.66	491.02	9,322.25	6,104.01	5,823.75	280.26	21.779					
10,600.00	7,185.16	7,145.16	7,145.16	61.93	247.71	94.58	491.02	9,322.25	6,004.18	5,723.86	280.31	21.420					
10,700.00	7,184.70	7,144.70	7,144.70	63.23	247.70	94.51	491.02	9,322.25	5,904.35	5,623.98	280.36	21.060					
10,800.00	7,184.23	7,144.23	7,144.23	64.54	247.68	94.43	491.02	9,322.25	5,804.53	5,524.11	280.42	20.700					
10,900.00	7,183.77	7,143.77	7,143.77	65.85	247.67	94.35	491.02	9,322.25	5,704.71	5,424.23	280.47	20.340					
11,000.00	7,183.30	7,143.30	7,143.30	67.18	247.65	94.28	491.02	9,322.25	5,604.90	5,324.37	280.53	19.979					
11,100.00	7,182.84	7,142.84	7,142.84	68.51	247.63	94.20	491.02	9,322.25	5,505.10	5,224.50	280.60	19.619					
11,200.00	7,182.37	7,142.37	7,142.37	69.85	247.62	94.12	491.02	9,322.25	5,405.30	5,124.64	280.66	19.259					
11,300.00	7,181.91	7,141.91	7,141.91	71.20	247.60	94.05	491.02	9,322.25	5,305.51	5,024.78	280.73	18.899					
11,400.00	7,181.45	7,141.45	7,141.45	72.56	247.58	93.97	491.02	9,322.25	5,205.73	4,924.93	280.80	18.539					
11,500.00	7,180.98	7,140.98	7,140.98	73.92	247.57	93.90	491.02	9,322.25	5,105.96	4,825.09	280.87	18.179					
11,600.00	7,180.52	7,140.52	7,140.52	75.29	247.55	93.82	491.02	9,322.25	5,006.20	4,725.25	280.95	17.819					
11,700.00	7,180.05	7,140.05	7,140.05	76.66	247.54	93.74	491.02	9,322.25	4,906.45	4,625.41	281.04	17.458					
11,800.00	7,179.59	7,139.59	7,139.59	78.04	247.52	93.67	491.02	9,322.25	4,806.70	4,525.58	281.12	17.098					
11,900.00	7,179.12	7,139.12	7,139.12	79.42	247.50	93.59	491.02	9,322.25	4,706.97	4,425.76	281.21	16.738					
12,000.00	7,178.66	7,138.66	7,138.66	80.81	247.49	93.51	491.02	9,322.25	4,607.25	4,325.94	281.31	16.378					
12,100.00	7,178.19	7,138.19	7,138.19	82.20	247.47	93.44	491.02	9,322.25	4,507.54	4,226.14	281.41	16.018					
12,200.00	7,177.73	7,137.73	7,137.73	83.60	247.45	93.36	491.02	9,322.25	4,407.85	4,126.34	281.51	15.658					
12,300.00	7,177.26	7,137.26	7,137.26	85.00	247.44	93.29	491.02	9,322.25	4,308.17	4,026.54	281.63	15.297					
12,400.00	7,176.80	7,136.80	7,136.80	86.41	247.42	93.21	491.02	9,322.25	4,208.50	3,926.76	281.74	14.937					
12,500.00	7,176.33	7,136.33	7,136.33	87.82	247.41	93.13	491.02	9,322.25	4,108.86	3,826.99	281.87	14.577					
12,600.00	7,175.87	7,135.87	7,135.87	89.23	247.39	93.06	491.02	9,322.25	4,009.22	3,727.22	282.00	14.217					
12,700.00	7,175.40	7,135.40	7,135.40	90.65	247.37	92.98	491.02	9,322.25	3,909.61	3,627.47	282.14	13.857					
12,800.00	7,174.94	7,134.94	7,134.94	92.07	247.36	92.90	491.02	9,322.25	3,810.02	3,527.73	282.29	13.497					
12,900.00	7,174.48	7,134.48	7,134.48	93.49	247.34	92.83	491.02	9,322.25	3,710.45	3,428.00	282.44	13.137					
13,000.00	7,174.01	7,134.01	7,134.01	94.91	247.33	92.75	491.02	9,322.25	3,610.90	3,328.29	282.61	12.777					
13,100.00	7,173.55	7,133.55	7,133.55	96.34	247.31	92.67	491.02	9,322.25	3,511.38	3,228.59	282.79	12.417					
13,200.00	7,173.08	7,133.08	7,133.08	97.77	247.29	92.60	491.02	9,322.25	3,411.89	3,128.91	282.98	12.057					
13,300.00	7,172.62	7,132.62	7,132.62	99.21	247.28	92.52	491.02	9,322.25	3,312.42	3,029.24	283.18	11.697					
13,400.00	7,172.15	7,132.15	7,132.15	100.64	247.26	92.44	491.02	9,322.25	3,212.99	2,929.59	283.40	11.337					
13,500.00	7,171.69	7,131.69	7,131.69	102.08	247.24	92.37	491.02	9,322.25	3,113.60	2,829.96	283.64	10.977					
13,600.00	7,171.22	7,131.22	7,131.22	103.52	247.23	92.29	491.02	9,322.25	3,014.25	2,730.35	283.90	10.617					
13,700.00	7,170.76	7,130.76	7,130.76	104.97	247.21	92.22	491.02	9,322.25	2,914.94	2,630.77	284.17	10.258					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	7,130.29	7,130.29	106.41	247.20	92.14	491.02	9,322.25	2,815.68	2,531.21	284.47	9.898		
13,900.00	7,169.83	7,129.83	7,129.83	107.86	247.18	92.06	491.02	9,322.25	2,716.47	2,431.67	284.80	9.538		
14,000.00	7,169.36	7,129.36	7,129.36	109.31	247.16	91.99	491.02	9,322.25	2,617.33	2,332.17	285.16	9.179		
14,100.00	7,168.90	7,128.90	7,128.90	110.76	247.15	91.91	491.02	9,322.25	2,518.25	2,232.70	285.55	8.819		
14,200.00	7,168.44	7,128.44	7,128.44	112.21	247.13	91.83	491.02	9,322.25	2,419.25	2,133.26	285.98	8.459		
14,300.00	7,167.97	7,127.97	7,127.97	113.67	247.11	91.76	491.02	9,322.25	2,320.33	2,033.87	286.46	8.100		
14,400.00	7,167.51	7,127.51	7,127.51	115.12	247.10	91.68	491.02	9,322.25	2,221.51	1,934.51	286.99	7.741		
14,500.00	7,167.04	7,127.04	7,127.04	116.58	247.08	91.60	491.02	9,322.25	2,122.80	1,835.21	287.59	7.381		
14,600.00	7,166.58	7,126.58	7,126.58	118.04	247.07	91.53	491.02	9,322.25	2,024.22	1,735.96	288.26	7.022		
14,700.00	7,166.11	7,126.11	7,126.11	119.50	247.05	91.45	491.02	9,322.25	1,925.78	1,636.76	289.01	6.663		
14,800.00	7,165.65	7,125.65	7,125.65	120.97	247.03	91.37	491.02	9,322.25	1,827.51	1,537.64	289.87	6.305		
14,900.00	7,165.18	7,125.18	7,125.18	122.43	247.02	91.30	491.02	9,322.25	1,729.44	1,438.59	290.85	5.946		
15,000.00	7,164.72	7,124.72	7,124.72	123.90	247.00	91.22	491.02	9,322.25	1,631.61	1,339.63	291.98	5.588		
15,100.00	7,164.25	7,124.25	7,124.25	125.36	246.98	91.14	491.02	9,322.25	1,534.05	1,240.77	293.29	5.231		
15,200.00	7,163.79	7,123.79	7,123.79	126.83	246.97	91.07	491.02	9,322.25	1,436.83	1,142.02	294.81	4.874		
15,300.00	7,163.32	7,123.32	7,123.32	128.30	246.95	90.99	491.02	9,322.25	1,340.02	1,043.42	296.60	4.518		
15,400.00	7,162.86	7,122.86	7,122.86	129.77	246.94	90.91	491.02	9,322.25	1,243.72	944.98	298.73	4.163		
15,500.00	7,162.39	7,122.39	7,122.39	131.24	246.92	90.84	491.02	9,322.25	1,148.04	846.76	301.28	3.811		
15,600.00	7,161.93	7,121.93	7,121.93	132.71	246.90	90.76	491.02	9,322.25	1,053.17	748.81	304.36	3.460		
15,700.00	7,161.47	7,121.47	7,121.47	134.19	246.89	90.68	491.02	9,322.25	959.34	651.22	308.12	3.114		
15,800.00	7,161.00	7,121.00	7,121.00	135.66	246.87	90.61	491.02	9,322.25	866.90	554.13	312.77	2.772		
15,900.00	7,160.54	7,120.54	7,120.54	137.14	246.85	90.53	491.02	9,322.25	776.32	457.77	318.56	2.437		
16,000.00	7,160.07	7,120.07	7,120.07	138.61	246.84	90.46	491.02	9,322.25	688.37	362.52	325.84	2.113		
16,100.00	7,159.61	7,119.61	7,119.61	140.09	246.82	90.38	491.02	9,322.25	604.17	269.13	335.03	1.803		
16,200.00	7,159.14	7,119.14	7,119.14	141.57	246.81	90.30	491.02	9,322.25	525.53	178.99	346.54	1.517		
16,300.00	7,158.68	7,118.68	7,118.68	143.05	246.79	90.23	491.02	9,322.25	455.36	94.91	360.45	1.263 Level 3		
16,400.00	7,158.21	7,118.21	7,118.21	144.53	246.77	90.15	491.02	9,322.25	398.14	22.43	375.71	1.060 Level 2		
16,500.00	7,157.75	7,117.75	7,117.75	146.01	246.76	90.07	491.02	9,322.25	360.12	-28.70	388.82	0.926 Level 1		
16,594.17	7,157.31	7,117.31	7,117.31	147.40	246.74	90.00	491.02	9,322.25	347.59	-46.52	394.10	0.882 Level 1, CC, ES, SF		
16,600.00	7,157.28	7,117.28	7,117.28	147.49	246.74	90.00	491.02	9,322.25	347.63	-46.48	394.11	0.882 Level 1		
16,700.00	7,156.82	7,116.82	7,116.82	148.97	246.72	89.92	491.02	9,322.25	363.34	-25.29	388.63	0.935 Level 1		
16,800.00	7,156.35	7,116.35	7,116.35	150.45	246.71	89.84	491.02	9,322.25	403.96	28.17	375.79	1.075 Level 2		
16,900.00	7,155.89	7,115.89	7,115.89	151.94	246.69	89.77	491.02	9,322.25	462.97	101.86	361.11	1.282 Level 3		
17,000.00	7,155.43	7,115.43	7,115.43	153.42	246.68	89.69	491.02	9,322.25	534.33	186.50	347.83	1.536		
17,100.00	7,154.96	7,114.96	7,114.96	154.90	246.66	89.61	491.02	9,322.25	613.74	276.89	336.85	1.822		
17,200.00	7,154.50	7,114.50	7,114.50	156.39	246.64	89.54	491.02	9,322.25	698.45	370.38	328.08	2.129		
17,300.00	7,154.03	7,114.03	7,114.03	157.88	246.63	89.46	491.02	9,322.25	786.76	465.65	321.12	2.450		
17,400.00	7,153.57	7,113.57	7,113.57	159.36	246.61	89.38	491.02	9,322.25	877.59	562.00	315.59	2.781		
17,500.00	7,153.10	7,113.10	7,113.10	160.85	246.60	89.31	491.02	9,322.25	970.22	659.07	311.15	3.118		
17,600.00	7,152.64	7,112.64	7,112.64	162.34	246.58	89.23	491.02	9,322.25	1,064.18	756.62	307.56	3.460		
17,700.00	7,152.17	7,112.17	7,112.17	163.83	246.56	89.15	491.02	9,322.25	1,159.16	854.52	304.64	3.805		
17,737.15	7,152.00	7,112.00	7,112.00	164.38	246.56	89.12	491.02	9,322.25	1,194.65	890.96	303.69	3.934		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:	3.68 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.68	-114.04	-2,739.16	-6,141.36	6,724.55					
100.00	100.00	86.00	86.00	3.28	3.68	-114.04	-2,739.16	-6,141.36	6,724.53	6,717.57	6.97	965.219		
200.00	200.00	186.00	186.00	3.34	3.72	-114.04	-2,739.16	-6,141.36	6,724.53	6,717.48	7.05	953.198		
300.00	300.00	286.00	286.00	3.44	3.81	-114.04	-2,739.16	-6,141.36	6,724.53	6,717.28	7.25	927.524		
400.00	400.00	12,261.41	6,984.42	3.60	154.45	-177.53	-877.03	-37.87	6,656.55	6,587.42	69.13	96.289		
500.00	499.99	12,261.22	6,984.42	3.80	154.45	-123.73	-877.03	-38.06	6,557.50	6,488.36	69.14	94.850		
600.00	599.96	12,259.52	6,984.41	4.03	154.40	-128.98	-877.03	-39.76	6,458.61	6,389.47	69.14	93.413		
700.00	699.86	12,256.31	6,984.39	4.30	154.31	-133.39	-877.02	-42.97	6,359.94	6,290.79	69.15	91.979		
790.00	789.74	12,252.74	6,984.37	4.57	154.21	-133.20	-877.02	-46.55	6,271.25	6,202.09	69.16	90.684		
800.00	799.73	12,252.34	6,984.36	4.60	154.20	-136.09	-877.02	-46.94	6,261.40	6,192.24	69.16	90.539		
900.00	899.50	12,248.31	6,984.34	4.92	154.09	-155.18	-877.02	-50.97	6,163.29	6,094.09	69.20	89.070		
1,000.00	999.05	12,244.18	6,984.32	5.26	153.98	-163.95	-877.02	-55.10	6,065.97	5,996.70	69.28	87.559		
1,077.14	1,075.61	12,240.94	6,984.30	5.53	153.89	-167.71	-877.02	-58.35	5,991.55	5,922.18	69.38	86.363		
1,100.00	1,098.26	12,239.96	6,984.29	5.61	153.86	-167.68	-877.01	-59.32	5,969.60	5,900.19	69.41	86.006		
1,200.00	1,197.35	12,235.72	6,984.27	5.98	153.74	-167.53	-877.01	-63.56	5,873.62	5,804.03	69.58	84.409		
1,300.00	1,296.44	12,231.48	6,984.25	6.35	153.63	-167.39	-877.01	-67.81	5,777.77	5,707.99	69.78	82.797		
1,400.00	1,395.52	12,227.23	6,984.22	6.73	153.51	-167.24	-877.01	-72.05	5,682.07	5,612.07	70.00	81.169		
1,500.00	1,494.61	12,222.99	6,984.20	7.12	153.39	-167.10	-877.01	-76.29	5,586.51	5,516.26	70.25	79.526		
1,600.00	1,593.70	12,218.74	6,984.17	7.52	153.27	-166.95	-877.00	-80.54	5,491.11	5,420.59	70.52	77.866		
1,700.00	1,692.78	12,214.50	6,984.15	7.93	153.16	-166.81	-877.00	-84.78	5,395.87	5,325.05	70.82	76.191		
1,800.00	1,791.87	12,210.25	6,984.13	8.33	153.04	-166.66	-877.00	-89.03	5,300.80	5,229.65	71.15	74.501		
1,900.00	1,890.95	12,206.01	6,984.10	8.75	152.92	-166.52	-877.00	-93.27	5,205.92	5,134.40	71.51	72.796		
2,000.00	1,990.04	12,201.76	6,984.08	9.16	152.81	-166.37	-876.99	-97.52	5,111.22	5,039.31	71.91	71.076		
2,100.00	2,089.13	12,202.48	6,984.05	9.58	152.83	-166.23	-876.99	-101.76	5,016.73	4,944.33	72.40	69.290		
2,200.00	2,188.21	12,206.73	6,984.03	10.01	152.94	-166.08	-876.99	-106.01	4,922.45	4,849.48	72.97	67.459		
2,300.00	2,287.30	12,189.03	6,984.01	10.43	152.46	-165.93	-876.99	-110.25	4,828.40	4,755.06	73.34	65.836		
2,400.00	2,386.39	12,184.78	6,983.98	10.86	152.34	-165.79	-876.99	-114.50	4,734.59	4,660.69	73.90	64.065		
2,500.00	2,485.47	12,180.54	6,983.96	11.29	152.22	-165.64	-876.98	-118.74	4,641.03	4,566.52	74.51	62.286		
2,600.00	2,584.56	12,176.30	6,983.93	11.72	152.10	-165.50	-876.98	-122.98	4,547.75	4,472.58	75.17	60.498		
2,700.00	2,683.65	12,172.05	6,983.91	12.15	151.99	-165.35	-876.98	-127.23	4,454.75	4,378.86	75.89	58.703		
2,800.00	2,782.73	12,167.81	6,983.89	12.58	151.87	-165.20	-876.98	-131.47	4,362.06	4,285.40	76.66	56.905		
2,900.00	2,881.82	12,163.56	6,983.86	13.02	151.75	-165.06	-876.97	-135.72	4,269.69	4,192.20	77.48	55.104		
3,000.00	2,980.91	12,159.32	6,983.84	13.45	151.64	-164.91	-876.97	-139.96	4,177.67	4,099.29	78.37	53.304		
3,100.00	3,079.99	12,155.07	6,983.81	13.89	151.52	-164.77	-876.97	-144.21	4,086.02	4,006.68	79.33	51.506		
3,200.00	3,179.08	12,150.83	6,983.79	14.33	151.40	-164.62	-876.97	-148.45	3,994.76	3,914.40	80.36	49.713		
3,300.00	3,278.17	12,146.58	6,983.77	14.76	151.29	-164.47	-876.96	-152.70	3,903.93	3,822.48	81.46	47.927		
3,400.00	3,377.25	12,142.34	6,983.74	15.20	151.17	-164.33	-876.96	-156.94	3,813.55	3,730.92	82.63	46.152		
3,500.00	3,476.34	12,138.09	6,983.72	15.64	151.05	-164.18	-876.96	-161.19	3,723.67	3,639.78	83.88	44.390		
3,600.00	3,575.43	12,133.85	6,983.69	16.08	150.93	-164.03	-876.96	-165.43	3,634.30	3,549.08	85.22	42.644		
3,700.00	3,674.51	12,129.60	6,983.67	16.53	150.82	-163.89	-876.96	-169.67	3,545.50	3,458.84	86.65	40.917		
3,800.00	3,773.60	12,125.36	6,983.65	16.97	150.70	-163.74	-876.95	-173.92	3,457.30	3,369.13	88.17	39.210		
3,900.00	3,872.69	12,121.12	6,983.62	17.41	150.58	-163.59	-876.95	-178.16	3,369.76	3,279.96	89.79	37.528		
4,000.00	3,971.77	12,116.87	6,983.60	17.85	150.47	-163.45	-876.95	-182.41	3,282.92	3,191.40	91.52	35.872		
4,100.00	4,070.86	12,112.63	6,983.57	18.29	150.35	-163.30	-876.95	-186.65	3,196.85	3,103.50	93.35	34.245		
4,200.00	4,169.95	12,108.38	6,983.55	18.74	150.23	-163.15	-876.94	-190.90	3,111.60	3,016.30	95.30	32.650		
4,300.00	4,269.03	12,104.14	6,983.52	19.18	150.12	-163.01	-876.94	-195.14	3,027.25	2,929.89	97.37	31.090		
4,400.00	4,368.12	12,100.11	6,983.50	19.63	150.00	-162.86	-876.94	-199.39	2,943.88	2,844.31	99.57	29.567		
4,500.00	4,467.21	12,104.35	6,983.48	20.07	150.12	-162.71	-876.94	-203.63	2,861.57	2,759.54	102.03	28.048		
4,600.00	4,566.29	12,091.40	6,983.45	20.52	149.76	-162.56	-876.94	-207.88	2,780.40	2,676.05	104.36	26.643		
4,700.00	4,665.38	12,087.16	6,983.43	20.96	149.65	-162.42	-876.93	-212.12	2,700.50	2,593.53	106.97	25.246		
4,800.00	4,764.47	12,082.91	6,983.40	21.41	149.53	-162.27	-876.93	-216.36	2,621.97	2,512.25	109.72	23.896		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - HOOD 25N-22B-M - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1													Offset Well Error:		3.68 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	12,078.67	6,983.38	21.85	149.41	-162.12	-876.93	-220.61	2,544.94	2,432.30	112.63	22.595					
5,000.00	4,962.64	12,074.42	6,983.36	22.30	149.30	-161.97	-876.93	-224.85	2,469.54	2,353.85	115.69	21.346					
5,100.00	5,061.73	12,070.18	6,983.33	22.74	149.18	-161.83	-876.92	-229.10	2,395.95	2,277.03	118.91	20.149					
5,200.00	5,160.81	12,065.93	6,983.31	23.19	149.06	-161.68	-876.92	-233.34	2,324.31	2,202.03	122.28	19.008					
5,300.00	5,259.90	12,061.69	6,983.28	23.64	148.95	-161.53	-876.92	-237.59	2,254.83	2,129.03	125.80	17.924					
5,400.00	5,358.99	12,057.45	6,983.26	24.08	148.83	-161.38	-876.92	-241.83	2,187.71	2,058.24	129.46	16.898					
5,500.00	5,458.07	12,053.20	6,983.24	24.53	148.71	-161.24	-876.91	-246.08	2,123.16	1,989.91	133.25	15.933					
5,600.00	5,557.16	12,048.96	6,983.21	24.98	148.60	-161.09	-876.91	-250.32	2,061.45	1,924.29	137.16	15.030					
5,700.00	5,656.25	12,044.71	6,983.19	25.42	148.48	-160.94	-876.91	-254.57	2,002.81	1,861.67	141.14	14.190					
5,800.00	5,755.33	12,040.47	6,983.16	25.87	148.36	-160.79	-876.91	-258.81	1,947.54	1,802.35	145.18	13.414					
5,900.00	5,854.42	12,036.22	6,983.14	26.32	148.25	-160.65	-876.91	-263.06	1,895.92	1,746.68	149.24	12.704					
6,000.00	5,953.51	12,031.98	6,983.12	26.77	148.13	-160.50	-876.90	-267.30	1,848.27	1,695.01	153.26	12.059					
6,100.00	6,052.59	12,027.73	6,983.09	27.21	148.01	-160.35	-876.90	-271.54	1,804.90	1,647.70	157.20	11.482					
6,200.00	6,151.68	12,023.49	6,983.07	27.66	147.90	-160.20	-876.90	-275.79	1,766.12	1,605.14	160.98	10.971					
6,300.00	6,250.76	12,019.24	6,983.04	28.11	147.78	-160.06	-876.90	-280.03	1,732.24	1,567.71	164.53	10.528					
6,400.00	6,349.85	12,015.00	6,983.02	28.56	147.66	-159.91	-876.89	-284.28	1,703.55	1,535.76	167.79	10.153					
6,500.00	6,448.94	12,010.75	6,983.00	29.01	147.55	-159.76	-876.89	-288.52	1,680.33	1,509.64	170.68	9.845					
6,589.36	6,537.48	12,006.96	6,982.97	29.41	147.44	-159.63	-876.89	-292.32	1,664.38	1,491.48	172.90	9.626					
6,600.00	6,548.03	12,006.60	6,982.97	29.45	147.43	-166.33	-876.89	-292.68	1,662.79	1,489.65	173.14	9.604					
6,650.00	6,597.61	12,007.27	6,982.98	29.67	147.45	160.11	-876.89	-292.00	1,656.22	1,481.97	174.25	9.505					
6,700.00	6,647.01	12,011.87	6,983.00	29.89	147.58	136.27	-876.89	-287.41	1,651.18	1,475.84	175.34	9.417					
6,750.00	6,695.92	12,020.36	6,983.05	30.10	147.81	123.02	-876.90	-278.92	1,647.68	1,471.29	176.39	9.341					
6,800.00	6,744.04	12,032.68	6,983.12	30.31	148.15	115.22	-876.90	-266.59	1,645.69	1,468.29	177.40	9.277					
6,844.87	6,786.30	12,046.95	6,983.20	30.49	148.54	110.49	-876.91	-252.33	1,645.13	1,466.86	178.27	9.228 CC					
6,850.00	6,791.07	12,048.77	6,983.21	30.51	148.59	110.04	-876.91	-250.51	1,645.13	1,466.77	178.37	9.223					
6,900.00	6,836.72	12,068.52	6,983.32	30.71	149.14	106.18	-876.92	-230.76	1,645.92	1,466.62	179.30	9.180					
6,950.00	6,880.71	12,108.18	6,983.45	30.90	150.23	103.05	-876.94	-207.46	1,647.91	1,467.25	180.66	9.122					
7,000.00	6,922.77	12,118.51	6,983.61	31.08	150.51	100.35	-876.95	-180.77	1,650.94	1,469.84	181.10	9.116					
7,050.00	6,962.63	12,148.43	6,983.78	31.27	151.34	97.92	-876.97	-150.85	1,654.82	1,472.85	181.98	9.094					
7,100.00	7,000.07	12,181.41	6,983.96	31.44	152.25	95.68	-876.98	-117.87	1,659.36	1,476.51	182.86	9.075					
7,150.00	7,034.83	12,217.23	6,984.17	31.62	153.23	93.60	-877.00	-82.05	1,664.35	1,480.59	183.76	9.057					
7,200.00	7,066.72	12,255.68	6,984.38	31.79	154.29	91.68	-877.02	-43.61	1,669.57	1,484.89	184.68	9.040					
7,250.00	7,095.52	12,303.49	6,984.62	31.96	155.61	89.91	-877.04	-2.77	1,674.83	1,488.98	185.85	9.012					
7,300.00	7,121.07	12,339.48	6,984.86	32.13	156.61	88.32	-877.07	40.20	1,679.91	1,493.23	186.68	8.999					
7,350.00	7,143.21	12,384.32	6,985.11	32.30	157.85	86.92	-877.09	85.04	1,684.65	1,496.88	187.77	8.972					
7,400.00	7,161.80	12,430.76	6,985.38	32.47	159.13	85.73	-877.12	131.47	1,688.88	1,499.94	188.94	8.939					
7,450.00	7,176.72	12,478.50	6,985.65	32.64	160.45	84.76	-877.14	179.22	1,692.44	1,502.27	190.18	8.899					
7,500.00	7,187.89	12,527.26	6,985.92	32.82	161.80	84.03	-877.17	227.97	1,695.24	1,503.75	191.50	8.852					
7,550.00	7,195.23	12,576.73	6,986.20	32.99	163.17	83.55	-877.19	277.45	1,697.19	1,504.28	192.90	8.798					
7,600.00	7,198.70	12,626.61	6,986.49	33.17	164.55	83.31	-877.22	327.33	1,698.21	1,503.83	194.38	8.736					
7,622.60	7,199.00	12,649.21	6,986.61	33.25	165.18	83.29	-877.23	349.92	1,698.36	1,503.29	195.08	8.706					
7,700.00	7,198.64	12,726.61	6,987.05	33.54	167.33	83.32	-877.27	427.32	1,698.56	1,501.06	197.51	8.600					
7,800.00	7,198.17	12,826.60	6,987.62	33.98	170.10	83.36	-877.33	527.31	1,698.82	1,498.11	200.70	8.464					
7,900.00	7,197.71	12,926.59	6,988.19	34.47	172.88	83.39	-877.38	627.30	1,699.07	1,495.11	203.97	8.330					
8,000.00	7,197.24	13,026.59	6,988.75	35.03	175.66	83.43	-877.44	727.29	1,699.33	1,492.03	207.30	8.198					
8,100.00	7,196.78	13,126.58	6,989.32	35.64	178.45	83.46	-877.49	827.29	1,699.59	1,488.91	210.68	8.067					
8,200.00	7,196.31	13,226.58	6,989.89	36.30	181.23	83.50	-877.54	927.28	1,699.85	1,485.72	214.13	7.938					
8,300.00	7,195.85	13,326.57	6,990.45	37.01	184.02	83.54	-877.60	1,027.27	1,700.11	1,482.48	217.63	7.812					
8,400.00	7,195.38	13,426.56	6,991.02	37.77	186.81	83.57	-877.65	1,127.26	1,700.37	1,479.19	221.18	7.688					
8,500.00	7,194.92	13,526.56	6,991.59	38.57	189.60	83.61	-877.70	1,227.26	1,700.63	1,475.85	224.77	7.566					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1														Offset Well Error:	3.68 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,600.00	7,194.46	13,626.55	6,992.15	39.41	192.40	83.64	-877.76	1,327.25	1,700.89	1,472.47	228.42	7.446			
8,700.00	7,193.99	13,726.55	6,992.72	40.30	195.19	83.68	-877.81	1,427.24	1,701.15	1,469.05	232.10	7.329			
8,800.00	7,193.53	13,826.54	6,993.29	41.22	197.99	83.71	-877.86	1,527.23	1,701.41	1,465.58	235.83	7.215			
8,900.00	7,193.06	13,926.53	6,993.85	42.17	200.79	83.75	-877.92	1,627.23	1,701.67	1,462.08	239.59	7.102			
9,000.00	7,192.60	14,026.53	6,994.42	43.16	203.59	83.79	-877.97	1,727.22	1,701.94	1,458.55	243.39	6.993			
9,100.00	7,192.13	14,126.52	6,994.99	44.17	206.39	83.82	-878.02	1,827.21	1,702.20	1,454.99	247.22	6.885			
9,200.00	7,191.67	14,226.52	6,995.56	45.22	209.20	83.86	-878.08	1,927.20	1,702.47	1,451.39	251.08	6.781			
9,300.00	7,191.20	14,326.51	6,996.12	46.29	212.00	83.89	-878.13	2,027.19	1,702.73	1,447.77	254.96	6.678			
9,400.00	7,190.74	14,426.50	6,996.69	47.38	214.81	83.93	-878.18	2,127.19	1,703.00	1,444.12	258.88	6.578			
9,500.00	7,190.27	14,526.50	6,997.26	48.50	217.62	83.97	-878.24	2,227.18	1,703.27	1,440.45	262.81	6.481			
9,600.00	7,189.81	14,626.49	6,997.82	49.64	220.43	84.00	-878.29	2,327.17	1,703.53	1,436.76	266.78	6.386			
9,700.00	7,189.34	14,726.49	6,998.39	50.80	223.24	84.04	-878.34	2,427.16	1,703.80	1,433.04	270.76	6.293			
9,800.00	7,188.88	14,826.48	6,998.96	51.98	226.05	84.07	-878.40	2,527.16	1,704.07	1,429.31	274.76	6.202			
9,900.00	7,188.41	14,926.47	6,999.52	53.17	228.86	84.11	-878.45	2,627.15	1,704.34	1,425.56	278.78	6.114			
10,000.00	7,187.95	15,026.47	7,000.09	54.38	231.67	84.15	-878.50	2,727.14	1,704.61	1,421.79	282.82	6.027			
10,100.00	7,187.49	15,126.46	7,000.66	55.61	234.49	84.18	-878.56	2,827.13	1,704.88	1,418.01	286.88	5.943			
10,200.00	7,187.02	15,187.04	7,001.00	56.85	236.19	84.20	-878.59	2,887.71	1,705.61	1,416.27	289.34	5.895 ES, SF			
10,300.00	7,186.56	15,187.04	7,001.00	58.10	236.19	84.20	-878.59	2,887.71	1,711.11	1,422.40	288.71	5.927			
10,400.00	7,186.09	15,187.04	7,001.00	59.37	236.19	84.20	-878.59	2,887.71	1,722.42	1,435.21	287.21	5.997			
10,500.00	7,185.63	15,187.04	7,001.00	60.64	236.19	84.20	-878.59	2,887.71	1,739.40	1,454.53	284.88	6.106			
10,600.00	7,185.16	15,187.04	7,001.00	61.93	236.19	84.20	-878.59	2,887.71	1,761.91	1,480.12	281.79	6.253			
10,700.00	7,184.70	15,187.04	7,001.00	63.23	236.19	84.20	-878.59	2,887.71	1,789.73	1,511.70	278.03	6.437			
10,800.00	7,184.23	15,187.04	7,001.00	64.54	236.19	84.20	-878.59	2,887.71	1,822.62	1,548.93	273.69	6.659			
10,900.00	7,183.77	15,187.04	7,001.00	65.85	236.19	84.20	-878.59	2,887.71	1,860.31	1,591.43	268.89	6.919			
11,000.00	7,183.30	15,187.04	7,001.00	67.18	236.19	84.20	-878.59	2,887.71	1,902.52	1,638.81	263.71	7.214			
11,100.00	7,182.84	15,187.04	7,001.00	68.51	236.19	84.20	-878.59	2,887.71	1,948.94	1,690.69	258.26	7.547			
11,200.00	7,182.37	15,187.04	7,001.00	69.85	236.19	84.20	-878.59	2,887.71	1,999.30	1,746.68	252.62	7.914			
11,300.00	7,181.91	15,187.04	7,001.00	71.20	236.19	84.20	-878.59	2,887.71	2,053.29	1,806.42	246.87	8.317			
11,400.00	7,181.45	15,187.04	7,001.00	72.56	236.19	84.20	-878.59	2,887.71	2,110.64	1,869.55	241.09	8.755			
11,500.00	7,180.98	15,187.04	7,001.00	73.92	236.19	84.20	-878.59	2,887.71	2,171.09	1,935.76	235.33	9.226			
11,600.00	7,180.52	15,187.04	7,001.00	75.29	236.19	84.20	-878.59	2,887.71	2,234.38	2,004.74	229.63	9.730			
11,700.00	7,180.05	15,187.04	7,001.00	76.66	236.19	84.20	-878.59	2,887.71	2,300.27	2,076.23	224.04	10.267			
11,800.00	7,179.59	15,187.04	7,001.00	78.04	236.19	84.20	-878.59	2,887.71	2,368.56	2,149.98	218.58	10.836			
11,900.00	7,179.12	15,187.04	7,001.00	79.42	236.19	84.20	-878.59	2,887.71	2,439.03	2,225.76	213.27	11.436			
12,000.00	7,178.66	15,187.04	7,001.00	80.81	236.19	84.20	-878.59	2,887.71	2,511.51	2,303.38	208.13	12.067			
12,100.00	7,178.19	15,187.04	7,001.00	82.20	236.19	84.20	-878.59	2,887.71	2,585.82	2,382.65	203.17	12.727			
12,200.00	7,177.73	15,187.04	7,001.00	83.60	236.19	84.20	-878.59	2,887.71	2,661.82	2,463.42	198.40	13.417			
12,300.00	7,177.26	15,187.04	7,001.00	85.00	236.19	84.20	-878.59	2,887.71	2,739.36	2,545.55	193.81	14.134			
12,400.00	7,176.80	15,187.04	7,001.00	86.41	236.19	84.20	-878.59	2,887.71	2,818.32	2,628.90	189.42	14.879			
12,500.00	7,176.33	15,187.04	7,001.00	87.82	236.19	84.20	-878.59	2,887.71	2,898.57	2,713.37	185.21	15.651			
12,600.00	7,175.87	15,187.04	7,001.00	89.23	236.19	84.20	-878.59	2,887.71	2,980.02	2,798.84	181.18	16.448			
12,700.00	7,175.40	15,187.04	7,001.00	90.65	236.19	84.20	-878.59	2,887.71	3,062.57	2,885.24	177.33	17.271			
12,800.00	7,174.94	15,187.04	7,001.00	92.07	236.19	84.20	-878.59	2,887.71	3,146.13	2,972.48	173.65	18.118			
12,900.00	7,174.48	15,187.04	7,001.00	93.49	236.19	84.20	-878.59	2,887.71	3,230.63	3,060.49	170.14	18.988			
13,000.00	7,174.01	15,187.04	7,001.00	94.91	236.19	84.20	-878.59	2,887.71	3,315.99	3,149.20	166.79	19.881			
13,100.00	7,173.55	15,187.04	7,001.00	96.34	236.19	84.20	-878.59	2,887.71	3,402.14	3,238.55	163.59	20.796			
13,200.00	7,173.08	15,187.04	7,001.00	97.77	236.19	84.20	-878.59	2,887.71	3,489.04	3,328.50	160.54	21.733			
13,300.00	7,172.62	15,187.04	7,001.00	99.21	236.19	84.20	-878.59	2,887.71	3,576.62	3,418.99	157.63	22.690			
13,400.00	7,172.15	15,187.04	7,001.00	100.64	236.19	84.20	-878.59	2,887.71	3,664.83	3,509.98	154.85	23.666			
13,500.00	7,171.69	15,187.04	7,001.00	102.08	236.19	84.20	-878.59	2,887.71	3,753.64	3,601.44	152.20	24.662			
13,600.00	7,171.22	15,187.04	7,001.00	103.52	236.19	84.20	-878.59	2,887.71	3,843.00	3,693.32	149.68	25.676			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - HOOD 25N-22B-M - OH - PLAN #1													Offset Site Error: 0.00 ft	
Survey Program: 0-MWD+IFR1													Offset Well Error: 3.68 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	15,187.04	7,001.00	104.97	236.19	84.20	-878.59	2,887.71	3,932.87	3,785.60	147.26	26.707		
13,800.00	7,170.29	15,187.04	7,001.00	106.41	236.19	84.20	-878.59	2,887.71	4,023.21	3,878.26	144.96	27.754		
13,900.00	7,169.83	15,187.04	7,001.00	107.86	236.19	84.20	-878.59	2,887.71	4,114.01	3,971.25	142.76	28.818		
14,000.00	7,169.36	15,187.04	7,001.00	109.31	236.19	84.20	-878.59	2,887.71	4,205.22	4,064.56	140.66	29.897		
14,100.00	7,168.90	15,187.04	7,001.00	110.76	236.19	84.20	-878.59	2,887.71	4,296.82	4,158.17	138.65	30.991		
14,200.00	7,168.44	15,187.04	7,001.00	112.21	236.19	84.20	-878.59	2,887.71	4,388.79	4,252.06	136.73	32.098		
14,300.00	7,167.97	15,187.04	7,001.00	113.67	236.19	84.20	-878.59	2,887.71	4,481.10	4,346.21	134.90	33.218		
14,400.00	7,167.51	15,187.04	7,001.00	115.12	236.19	84.20	-878.59	2,887.71	4,573.74	4,440.60	133.15	34.351		
14,500.00	7,167.04	15,187.04	7,001.00	116.58	236.19	84.20	-878.59	2,887.71	4,666.68	4,535.21	131.47	35.496		
14,600.00	7,166.58	15,187.04	7,001.00	118.04	236.19	84.20	-878.59	2,887.71	4,759.91	4,630.04	129.87	36.652		
14,700.00	7,166.11	15,187.04	7,001.00	119.50	236.19	84.20	-878.59	2,887.71	4,853.40	4,725.07	128.33	37.819		
14,800.00	7,165.65	15,187.04	7,001.00	120.97	236.19	84.20	-878.59	2,887.71	4,947.16	4,820.29	126.87	38.995		
14,900.00	7,165.18	15,187.04	7,001.00	122.43	236.19	84.20	-878.59	2,887.71	5,041.15	4,915.69	125.46	40.181		
15,000.00	7,164.72	15,187.04	7,001.00	123.90	236.19	84.20	-878.59	2,887.71	5,135.36	5,011.25	124.12	41.376		
15,100.00	7,164.25	15,187.04	7,001.00	125.36	236.19	84.20	-878.59	2,887.71	5,229.80	5,106.97	122.83	42.579		
15,200.00	7,163.79	15,187.04	7,001.00	126.83	236.19	84.20	-878.59	2,887.71	5,324.43	5,202.84	121.59	43.789		
15,300.00	7,163.32	15,187.04	7,001.00	128.30	236.19	84.20	-878.59	2,887.71	5,419.26	5,298.85	120.41	45.007		
15,400.00	7,162.86	15,187.04	7,001.00	129.77	236.19	84.20	-878.59	2,887.71	5,514.27	5,395.00	119.28	46.231		
15,500.00	7,162.39	15,187.04	7,001.00	131.24	236.19	84.20	-878.59	2,887.71	5,609.46	5,491.27	118.19	47.461		
15,600.00	7,161.93	15,187.04	7,001.00	132.71	236.19	84.20	-878.59	2,887.71	5,704.81	5,587.66	117.15	48.696		
15,700.00	7,161.47	15,187.04	7,001.00	134.19	236.19	84.20	-878.59	2,887.71	5,800.31	5,684.16	116.15	49.937		
15,800.00	7,161.00	15,187.04	7,001.00	135.66	236.19	84.20	-878.59	2,887.71	5,895.97	5,780.77	115.20	51.182		
15,900.00	7,160.54	15,187.04	7,001.00	137.14	236.19	84.20	-878.59	2,887.71	5,991.77	5,877.49	114.28	52.432		
16,000.00	7,160.07	15,187.04	7,001.00	138.61	236.19	84.20	-878.59	2,887.71	6,087.70	5,974.30	113.40	53.685		
16,100.00	7,159.61	15,187.04	7,001.00	140.09	236.19	84.20	-878.59	2,887.71	6,183.76	6,071.21	112.55	54.942		
16,200.00	7,159.14	15,187.04	7,001.00	141.57	236.19	84.20	-878.59	2,887.71	6,279.94	6,168.20	111.74	56.201		
16,300.00	7,158.68	15,187.04	7,001.00	143.05	236.19	84.20	-878.59	2,887.71	6,376.24	6,265.28	110.96	57.463		
16,400.00	7,158.21	15,187.04	7,001.00	144.53	236.19	84.20	-878.59	2,887.71	6,472.66	6,362.44	110.22	58.727		
16,500.00	7,157.75	15,187.04	7,001.00	146.01	236.19	84.20	-878.59	2,887.71	6,569.18	6,459.68	109.50	59.993		
16,600.00	7,157.28	15,187.04	7,001.00	147.49	236.19	84.20	-878.59	2,887.71	6,665.80	6,556.99	108.81	61.260		
16,700.00	7,156.82	15,187.04	7,001.00	148.97	236.19	84.20	-878.59	2,887.71	6,762.52	6,654.37	108.15	62.528		
16,800.00	7,156.35	15,187.04	7,001.00	150.45	236.19	84.20	-878.59	2,887.71	6,859.34	6,751.82	107.52	63.797		
16,900.00	7,155.89	15,187.04	7,001.00	151.94	236.19	84.20	-878.59	2,887.71	6,956.25	6,849.34	106.91	65.066		
17,000.00	7,155.43	15,187.04	7,001.00	153.42	236.19	84.20	-878.59	2,887.71	7,053.24	6,946.91	106.33	66.336		
17,100.00	7,154.96	15,187.04	7,001.00	154.90	236.19	84.20	-878.59	2,887.71	7,150.31	7,044.55	105.77	67.605		
17,200.00	7,154.50	15,187.04	7,001.00	156.39	236.19	84.20	-878.59	2,887.71	7,247.47	7,142.24	105.23	68.874		
17,300.00	7,154.03	15,187.04	7,001.00	157.88	236.19	84.20	-878.59	2,887.71	7,344.70	7,239.99	104.71	70.142		
17,400.00	7,153.57	15,187.04	7,001.00	159.36	236.19	84.20	-878.59	2,887.71	7,442.00	7,337.79	104.22	71.409		
17,500.00	7,153.10	15,187.04	7,001.00	160.85	236.19	84.20	-878.59	2,887.71	7,539.38	7,435.64	103.74	72.675		
17,600.00	7,152.64	15,187.04	7,001.00	162.34	236.19	84.20	-878.59	2,887.71	7,636.82	7,533.54	103.28	73.940		
17,700.00	7,152.17	15,187.04	7,001.00	163.83	236.19	84.20	-878.59	2,887.71	7,734.33	7,631.48	102.85	75.203		
17,737.15	7,152.00	15,187.04	7,001.00	164.38	236.19	84.20	-878.59	2,887.71	7,770.57	7,667.88	102.69	75.671		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	91.71	-108.66	3,644.70	3,646.47					
100.00	100.00	64.83	64.83	3.28	3.28	91.71	-108.73	3,644.71	3,646.34	3,639.77	6.57	555.246		
200.00	200.00	166.33	166.33	3.34	3.32	91.71	-109.03	3,644.77	3,646.40	3,639.75	6.65	548.118		
300.00	300.00	272.33	272.33	3.44	3.42	91.72	-109.28	3,644.70	3,646.34	3,639.49	6.86	531.804		
400.00	400.00	368.50	368.50	3.60	3.55	91.72	-109.52	3,644.57	3,646.21	3,639.06	7.15	509.949		
402.36	402.36	370.68	370.68	3.60	3.56	151.72	-109.53	3,644.57	3,646.21	3,639.05	7.16	509.392		
500.00	499.99	464.41	464.41	3.80	3.73	151.73	-109.80	3,644.59	3,647.01	3,639.49	7.53	484.607		
600.00	599.96	570.44	570.44	4.03	3.97	151.74	-110.09	3,644.61	3,649.35	3,641.35	8.00	456.384		
700.00	699.86	664.58	664.58	4.30	4.21	151.76	-110.11	3,644.53	3,653.11	3,644.61	8.50	429.645		
790.00	789.74	753.54	753.54	4.57	4.45	151.79	-110.44	3,644.64	3,657.39	3,648.37	9.01	405.780		
800.00	799.73	764.30	764.30	4.60	4.49	148.66	-110.49	3,644.65	3,657.86	3,648.78	9.07	403.080		
900.00	899.50	869.08	869.08	4.92	4.80	127.56	-110.90	3,644.62	3,662.58	3,652.88	9.71	377.343		
1,000.00	999.05	963.00	963.00	5.26	5.10	117.38	-111.05	3,644.58	3,667.52	3,657.18	10.34	354.709		
1,077.14	1,075.61	1,036.61	1,036.60	5.53	5.35	112.83	-111.27	3,644.69	3,671.63	3,660.78	10.85	338.375		
1,100.00	1,098.26	1,059.89	1,059.89	5.61	5.43	112.87	-111.36	3,644.72	3,672.88	3,661.87	11.01	333.589		
1,200.00	1,197.35	1,164.50	1,164.49	5.98	5.79	113.08	-111.81	3,644.80	3,678.27	3,666.53	11.73	313.505		
1,300.00	1,296.44	1,267.05	1,267.05	6.35	6.16	113.28	-112.03	3,644.72	3,683.55	3,671.08	12.47	295.389		
1,400.00	1,395.52	1,359.43	1,359.42	6.73	6.50	113.46	-112.22	3,644.66	3,688.90	3,675.71	13.19	279.721		
1,500.00	1,494.61	1,456.72	1,456.71	7.12	6.86	113.65	-112.39	3,644.82	3,694.49	3,680.55	13.94	265.070		
1,600.00	1,593.70	1,559.55	1,559.55	7.52	7.25	113.86	-112.69	3,644.87	3,700.04	3,685.32	14.72	251.334		
1,700.00	1,692.78	1,642.60	1,642.59	7.93	7.57	114.02	-112.98	3,644.96	3,705.70	3,690.26	15.44	240.023		
1,800.00	1,791.87	1,722.48	1,722.47	8.33	7.88	114.18	-113.33	3,645.62	3,712.07	3,695.92	16.15	229.832		
1,900.00	1,890.95	1,836.29	1,836.28	8.75	8.33	114.40	-114.10	3,646.42	3,718.41	3,701.40	17.01	218.646		
2,000.00	1,990.04	1,956.27	1,956.25	9.16	8.80	114.64	-114.93	3,646.85	3,724.47	3,706.58	17.89	208.131		
2,100.00	2,089.13	2,060.37	2,060.35	9.58	9.22	114.85	-115.61	3,646.59	3,729.96	3,711.23	18.73	199.193		
2,200.00	2,188.21	2,164.61	2,164.59	10.01	9.63	115.05	-115.62	3,646.51	3,735.61	3,716.05	19.56	190.966		
2,300.00	2,287.30	2,265.75	2,265.72	10.43	10.04	115.24	-116.11	3,646.12	3,741.03	3,720.64	20.39	183.473		
2,400.00	2,386.39	2,360.79	2,360.76	10.86	10.43	115.43	-116.73	3,645.83	3,746.60	3,725.40	21.20	176.749		
2,500.00	2,485.47	2,477.17	2,477.14	11.29	10.90	115.66	-117.26	3,645.40	3,752.14	3,730.04	22.10	169.803		
2,600.00	2,584.56	2,579.31	2,579.27	11.72	11.32	115.85	-117.49	3,644.60	3,757.27	3,734.33	22.94	163.782		
2,700.00	2,683.65	2,693.35	2,693.31	12.15	11.79	116.07	-118.30	3,643.50	3,762.33	3,738.49	23.84	157.832		
2,800.00	2,782.73	2,788.95	2,788.90	12.58	12.18	116.26	-118.94	3,642.38	3,767.21	3,742.55	24.66	152.767		
2,900.00	2,881.82	2,895.90	2,895.84	13.02	12.62	116.47	-119.63	3,641.10	3,772.11	3,746.58	25.53	147.739		
3,000.00	2,980.91	2,998.12	2,998.05	13.45	13.04	116.67	-120.12	3,639.73	3,776.89	3,750.51	26.39	143.135		
3,100.00	3,079.99	3,094.81	3,094.73	13.89	13.45	116.86	-120.77	3,638.40	3,781.71	3,754.48	27.22	138.930		
3,200.00	3,179.08	3,190.88	3,190.79	14.33	13.84	117.04	-121.52	3,637.14	3,786.63	3,758.58	28.05	134.983		
3,300.00	3,278.17	3,273.51	3,273.40	14.76	14.19	117.21	-122.41	3,636.22	3,791.84	3,763.01	28.83	131.529		
3,400.00	3,377.25	3,357.60	3,357.48	15.20	14.54	117.38	-123.60	3,635.63	3,797.53	3,767.92	29.61	128.244		
3,500.00	3,476.34	3,491.00	3,490.87	15.64	15.10	117.65	-125.44	3,634.65	3,803.31	3,772.70	30.61	124.253		
3,600.00	3,575.43	3,591.65	3,591.50	16.08	15.52	117.85	-126.83	3,633.14	3,808.31	3,776.84	31.47	121.024		
3,700.00	3,674.51	3,708.65	3,708.47	16.53	16.01	118.09	-128.14	3,631.22	3,813.20	3,780.80	32.40	117.705		
3,800.00	3,773.60	3,843.10	3,842.88	16.97	16.57	118.34	-128.29	3,628.04	3,817.23	3,783.83	33.40	114.289		
3,900.00	3,872.69	3,944.93	3,944.68	17.41	17.00	118.52	-127.86	3,625.29	3,820.94	3,786.68	34.27	111.509		
4,000.00	3,971.77	4,045.03	4,044.74	17.85	17.42	118.70	-127.56	3,622.56	3,824.69	3,789.56	35.13	108.887		
4,100.00	4,070.86	4,141.83	4,141.50	18.29	17.83	118.87	-127.06	3,619.90	3,828.43	3,792.45	35.97	106.429		
4,200.00	4,169.95	4,244.47	4,244.11	18.74	18.26	119.04	-126.10	3,617.30	3,832.34	3,795.50	36.84	104.016		
4,300.00	4,269.03	4,352.62	4,352.20	19.18	18.72	119.21	-124.53	3,614.24	3,835.92	3,798.18	37.74	101.640		
4,400.00	4,368.12	4,452.89	4,452.41	19.63	19.14	119.37	-122.76	3,611.46	3,839.54	3,800.94	38.60	99.460		
4,500.00	4,467.21	4,553.66	4,553.12	20.07	19.57	119.52	-120.75	3,608.60	3,843.09	3,803.62	39.47	97.366		
4,600.00	4,566.29	4,636.32	4,635.74	20.52	19.92	119.65	-119.28	3,606.33	3,846.82	3,806.56	40.26	95.548		
4,700.00	4,665.38	4,709.08	4,708.47	20.96	20.22	119.76	-117.99	3,604.86	3,851.24	3,810.24	41.01	93.917		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - INTERMILL #1-22 - OH - GYRO-NS		Offset Site Error:		0.00 ft
Survey Program: 100-GYRO-NS															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)		(ft)	(ft)	(ft)					
4,800.00	4,764.47	4,810.09	4,809.45	21.41	20.65	119.91	-115.91	3,603.19		3,856.04	3,814.16	41.88	92.082				
4,900.00	4,863.55	4,932.05	4,931.34	21.85	21.16	120.08	-112.62	3,600.59		3,860.22	3,817.39	42.84	90.114				
5,000.00	4,962.64	5,006.57	5,005.82	22.30	21.48	120.19	-110.88	3,599.16		3,864.75	3,821.16	43.59	88.658				
5,100.00	5,061.73	5,095.21	5,094.43	22.74	21.85	120.31	-108.84	3,597.86		3,869.75	3,825.34	44.41	87.141				
5,200.00	5,160.81	5,208.17	5,207.35	23.19	22.33	120.48	-106.36	3,596.18		3,874.78	3,829.45	45.33	85.477				
5,300.00	5,259.90	5,336.66	5,335.78	23.64	22.87	120.67	-103.96	3,593.12		3,878.95	3,832.62	46.32	83.737				
5,400.00	5,358.99	5,416.91	5,416.00	24.08	23.21	120.80	-102.80	3,591.26		3,883.33	3,836.22	47.10	82.441				
5,500.00	5,458.07	5,504.40	5,503.47	24.53	23.58	120.94	-101.87	3,589.50		3,888.12	3,840.20	47.92	81.144				
5,600.00	5,557.16	5,599.14	5,598.19	24.98	23.99	121.09	-101.00	3,587.77		3,893.14	3,844.38	48.76	79.842				
5,700.00	5,656.25	5,679.20	5,678.24	25.42	24.33	121.22	-100.46	3,586.52		3,898.50	3,848.96	49.54	78.695				
5,800.00	5,755.33	5,768.15	5,767.17	25.87	24.70	121.37	-99.94	3,585.49		3,904.30	3,853.94	50.36	77.532				
5,900.00	5,854.42	5,851.31	5,850.33	26.32	25.05	121.50	-98.97	3,584.84		3,910.39	3,859.24	51.15	76.453				
6,000.00	5,953.51	5,927.75	5,926.76	26.77	25.38	121.61	-98.06	3,584.65		3,917.03	3,865.12	51.91	75.465				
6,100.00	6,052.59	6,001.80	6,000.81	27.21	25.69	121.73	-97.75	3,584.84		3,924.33	3,871.68	52.65	74.538				
6,200.00	6,151.68	6,127.43	6,126.44	27.66	26.22	121.94	-97.20	3,584.93		3,931.44	3,877.80	53.64	73.296				
6,300.00	6,250.76	6,210.53	6,209.54	28.11	26.57	122.07	-96.64	3,585.08		3,938.66	3,884.24	54.42	72.369				
6,400.00	6,349.85	6,314.66	6,313.66	28.56	27.01	122.23	-96.23	3,585.32		3,946.04	3,890.72	55.31	71.342				
6,500.00	6,448.94	6,424.36	6,423.37	29.01	27.47	122.42	-96.29	3,585.27		3,953.26	3,897.03	56.23	70.310				
6,589.36	6,537.48	6,528.05	6,527.05	29.41	27.91	122.59	-96.67	3,584.77		3,959.42	3,902.35	57.07	69.378				
6,600.00	6,548.03	6,539.90	6,538.90	29.45	27.96	115.74	-96.74	3,584.69		3,960.05	3,902.89	57.17	69.270				
6,650.00	6,597.61	6,595.58	6,594.58	29.67	28.20	81.71	-97.11	3,584.22		3,960.64	3,903.02	57.63	68.730				
6,700.00	6,647.01	6,649.73	6,648.72	29.89	28.43	57.75	-97.56	3,583.67		3,957.34	3,899.27	58.07	68.147				
6,750.00	6,695.92	6,703.15	6,702.14	30.10	28.66	44.76	-98.03	3,583.06		3,950.18	3,891.68	58.50	67.521				
6,800.00	6,744.04	6,750.09	6,749.07	30.31	28.86	37.55	-98.52	3,582.48		3,939.26	3,880.36	58.90	66.883				
6,850.00	6,791.07	6,796.19	6,795.17	30.51	29.05	33.31	-99.08	3,581.91		3,924.67	3,865.39	59.28	66.208				
6,900.00	6,836.72	6,846.38	6,845.35	30.71	29.27	30.76	-99.78	3,581.24		3,906.48	3,846.81	59.67	65.471				
6,950.00	6,880.71	6,895.07	6,894.02	30.90	29.48	29.27	-100.54	3,580.50		3,884.77	3,824.74	60.04	64.704				
7,000.00	6,922.77	6,937.16	6,936.10	31.08	29.66	28.51	-101.31	3,579.80		3,859.72	3,799.35	60.37	63.936				
7,050.00	6,962.63	6,976.39	6,975.32	31.27	29.82	28.35	-102.18	3,579.12		3,831.51	3,770.83	60.67	63.150				
7,100.00	7,000.07	7,014.55	7,013.46	31.44	29.98	28.71	-103.17	3,578.41		3,800.32	3,739.35	60.96	62.339				
7,150.00	7,034.83	7,052.27	7,051.16	31.62	30.15	29.60	-104.23	3,577.67		3,766.32	3,705.08	61.24	61.504				
7,200.00	7,066.72	7,086.60	7,085.47	31.79	30.29	31.03	-105.26	3,576.94		3,729.73	3,668.25	61.49	60.660				
7,250.00	7,095.52	7,115.69	7,114.53	31.96	30.42	33.07	-106.17	3,576.29		3,690.80	3,629.10	61.70	59.818				
7,300.00	7,121.07	7,140.15	7,138.98	32.13	30.52	35.85	-106.94	3,575.74		3,649.77	3,587.89	61.89	58.977				
7,350.00	7,143.21	7,161.18	7,159.98	32.30	30.61	39.61	-107.61	3,575.27		3,606.92	3,544.88	62.05	58.133				
7,400.00	7,161.80	7,178.63	7,177.42	32.47	30.68	44.67	-108.16	3,574.87		3,562.50	3,500.32	62.18	57.291				
7,450.00	7,176.72	7,192.41	7,191.19	32.64	30.74	51.47	-108.59	3,574.56		3,516.80	3,454.50	62.30	56.452				
7,500.00	7,187.89	7,202.42	7,201.20	32.82	30.79	60.56	-108.91	3,574.34		3,470.08	3,407.69	62.39	55.618				
7,550.00	7,195.23	7,208.61	7,207.38	32.99	30.81	72.37	-109.10	3,574.20		3,422.63	3,360.17	62.46	54.794				
7,600.00	7,198.70	7,210.94	7,209.71	33.17	30.82	86.66	-109.17	3,574.15		3,374.76	3,312.24	62.52	53.979				
7,622.60	7,199.00	7,210.72	7,209.49	33.25	30.82	93.60	-109.17	3,574.15		3,353.05	3,290.51	62.54	53.615				
7,700.00	7,198.64	7,208.62	7,207.39	33.54	30.81	93.47	-109.10	3,574.20		3,278.76	3,216.16	62.60	52.375				
7,800.00	7,198.17	7,205.90	7,204.67	33.98	30.80	93.30	-109.02	3,574.26		3,183.00	3,120.31	62.70	50.769				
7,900.00	7,197.71	7,203.17	7,201.95	34.47	30.79	93.14	-108.93	3,574.32		3,087.51	3,024.70	62.81	49.160				
8,000.00	7,197.24	7,200.45	7,199.23	35.03	30.78	92.97	-108.84	3,574.38		2,992.31	2,929.37	62.93	47.548				
8,100.00	7,196.78	7,197.73	7,196.51	35.64	30.77	92.80	-108.76	3,574.44		2,897.42	2,834.35	63.08	45.933				
8,200.00	7,196.31	7,195.01	7,193.79	36.30	30.75	92.64	-108.67	3,574.51		2,802.90	2,739.65	63.25	44.316				
8,300.00	7,195.85	7,192.29	7,191.07	37.01	30.74	92.47	-108.59	3,574.57		2,708.76	2,645.31	63.44	42.696				
8,400.00	7,195.38	7,189.57	7,188.36	37.77	30.73	92.30	-108.50	3,574.63		2,615.05	2,551.38	63.67	41.073				
8,500.00	7,194.92	7,186.85	7,185.64	38.57	30.72	92.14	-108.42	3,574.69		2,521.83	2,457.90	63.93	39.450				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - INTERMILL #1-22 - OH - GYRO-NS		Offset Site Error:		0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
8,600.00	7,194.46	7,184.13	7,182.92	39.41	30.71	91.97	-108.33	3,574.75	2,429.14	2,364.92	64.22	37.825					
8,700.00	7,193.99	7,181.41	7,180.20	40.30	30.70	91.80	-108.24	3,574.81	2,337.05	2,272.49	64.56	36.200					
8,800.00	7,193.53	7,178.69	7,177.48	41.22	30.68	91.63	-108.16	3,574.87	2,245.63	2,180.68	64.95	34.575					
8,900.00	7,193.06	7,175.97	7,174.76	42.17	30.67	91.47	-108.07	3,574.93	2,154.98	2,089.58	65.40	32.952					
9,000.00	7,192.60	7,173.24	7,172.04	43.16	30.66	91.30	-107.99	3,574.99	2,065.18	1,999.27	65.91	31.333					
9,100.00	7,192.13	7,170.52	7,169.32	44.17	30.65	91.13	-107.90	3,575.06	1,976.36	1,909.86	66.50	29.720					
9,200.00	7,191.67	7,167.80	7,166.60	45.22	30.64	90.96	-107.81	3,575.12	1,888.65	1,821.47	67.18	28.114					
9,300.00	7,191.20	7,165.08	7,163.89	46.29	30.63	90.79	-107.73	3,575.18	1,802.22	1,734.26	67.95	26.521					
9,400.00	7,190.74	7,162.36	7,161.17	47.38	30.61	90.63	-107.64	3,575.24	1,717.26	1,648.41	68.85	24.943					
9,500.00	7,190.27	7,159.64	7,158.45	48.50	30.60	90.46	-107.56	3,575.30	1,633.99	1,564.13	69.87	23.387					
9,600.00	7,189.81	7,156.92	7,155.73	49.64	30.59	90.29	-107.47	3,575.36	1,552.70	1,481.67	71.03	21.858					
9,700.00	7,189.34	7,154.20	7,153.01	50.80	30.58	90.12	-107.39	3,575.42	1,473.71	1,401.35	72.36	20.365					
9,800.00	7,188.88	7,151.48	7,150.29	51.98	30.57	89.95	-107.30	3,575.48	1,397.41	1,323.53	73.87	18.917					
9,900.00	7,188.41	7,148.76	7,147.57	53.17	30.56	89.79	-107.21	3,575.54	1,324.25	1,248.69	75.57	17.524					
10,000.00	7,187.95	7,146.04	7,144.85	54.38	30.54	89.62	-107.13	3,575.61	1,254.81	1,177.34	77.46	16.199					
10,100.00	7,187.49	7,143.31	7,142.13	55.61	30.53	89.45	-107.04	3,575.67	1,189.71	1,110.16	79.55	14.956					
10,200.00	7,187.02	7,140.59	7,139.42	56.85	30.52	89.28	-106.96	3,575.73	1,129.73	1,047.92	81.81	13.810					
10,300.00	7,186.56	7,137.87	7,136.70	58.10	30.51	89.11	-106.87	3,575.79	1,075.70	991.50	84.20	12.776					
10,400.00	7,186.09	7,135.15	7,133.98	59.37	30.50	88.95	-106.78	3,575.85	1,028.57	941.93	86.64	11.871					
10,500.00	7,185.63	7,132.43	7,131.26	60.64	30.49	88.78	-106.70	3,575.91	989.33	900.28	89.05	11.109					
10,600.00	7,185.16	7,129.71	7,128.54	61.93	30.48	88.61	-106.61	3,575.97	958.95	867.65	91.30	10.504					
10,700.00	7,184.70	7,126.99	7,125.82	63.23	30.46	88.44	-106.53	3,576.03	938.28	845.05	93.23	10.064					
10,800.00	7,184.23	7,124.27	7,123.10	64.54	30.45	88.27	-106.44	3,576.09	927.98	833.25	94.73	9.796					
10,846.21	7,184.02	7,123.01	7,121.85	65.15	30.45	88.20	-106.40	3,576.12	926.83	831.58	95.25	9.731 CC, ES					
10,900.00	7,183.77	7,121.55	7,120.38	65.85	30.44	88.11	-106.36	3,576.16	928.39	832.69	95.69	9.702 SF					
11,000.00	7,183.30	7,118.83	7,117.67	67.18	30.43	87.94	-106.27	3,576.22	939.49	843.41	96.08	9.778					
11,100.00	7,182.84	7,116.11	7,114.95	68.51	30.42	87.77	-106.18	3,576.28	960.92	865.00	95.93	10.017					
11,200.00	7,182.37	7,113.39	7,112.23	69.85	30.41	87.60	-106.10	3,576.34	992.01	896.72	95.30	10.410					
11,300.00	7,181.91	7,110.66	7,109.51	71.20	30.39	87.43	-106.01	3,576.40	1,031.88	937.59	94.30	10.943					
11,400.00	7,181.45	7,107.94	7,106.79	72.56	30.38	87.27	-105.93	3,576.46	1,079.57	986.53	93.04	11.603					
11,500.00	7,180.98	7,105.22	7,104.07	73.92	30.37	87.10	-105.84	3,576.52	1,134.08	1,042.44	91.64	12.376					
11,600.00	7,180.52	7,102.50	7,101.35	75.29	30.36	86.93	-105.76	3,576.58	1,194.48	1,104.32	90.17	13.248					
11,700.00	7,180.05	7,100.22	7,098.63	76.66	30.35	86.76	-105.67	3,576.64	1,259.93	1,171.24	88.69	14.206					
11,800.00	7,179.59	7,102.94	7,095.91	78.04	30.36	86.59	-105.58	3,576.71	1,329.68	1,242.41	87.28	15.235					
11,900.00	7,179.12	7,105.66	7,093.20	79.42	30.37	86.43	-105.50	3,576.77	1,403.09	1,317.16	85.93	16.328					
12,000.00	7,178.66	7,108.38	7,090.48	80.81	30.38	86.26	-105.41	3,576.83	1,479.62	1,394.95	84.67	17.476					
12,100.00	7,178.19	7,111.10	7,087.76	82.20	30.40	86.09	-105.33	3,576.89	1,558.80	1,475.31	83.49	18.670					
12,200.00	7,177.73	7,113.82	7,085.04	83.60	30.41	85.92	-105.24	3,576.95	1,640.25	1,557.84	82.41	19.904					
12,300.00	7,177.26	7,116.55	7,082.32	85.00	30.42	85.75	-105.15	3,577.01	1,723.65	1,642.24	81.41	21.172					
12,400.00	7,176.80	7,119.27	7,079.60	86.41	30.43	85.59	-105.07	3,577.07	1,808.73	1,728.23	80.50	22.469					
12,500.00	7,176.33	7,080.26	7,079.13	87.82	30.26	85.56	-105.06	3,577.08	1,895.28	1,815.78	79.50	23.840					
12,600.00	7,175.87	7,077.90	7,076.76	89.23	30.25	85.41	-104.99	3,577.13	1,983.08	1,904.36	78.72	25.192					
12,700.00	7,175.40	7,075.55	7,074.42	90.65	30.24	85.27	-104.92	3,577.18	2,071.98	1,993.97	78.01	26.561					
12,800.00	7,174.94	7,073.21	7,072.09	92.07	30.23	85.12	-104.85	3,577.23	2,161.85	2,084.49	77.36	27.946					
12,900.00	7,174.48	7,070.90	7,069.77	93.49	30.22	84.98	-104.78	3,577.28	2,252.57	2,175.81	76.76	29.344					
13,000.00	7,174.01	7,068.60	7,067.47	94.91	30.21	84.84	-104.71	3,577.33	2,344.05	2,267.82	76.22	30.753					
13,100.00	7,173.55	7,066.31	7,065.19	96.34	30.21	84.70	-104.64	3,577.37	2,436.19	2,360.46	75.73	32.171					
13,200.00	7,173.08	7,064.05	7,062.92	97.77	30.20	84.56	-104.58	3,577.42	2,528.93	2,453.65	75.27	33.597					
13,300.00	7,172.62	7,061.79	7,060.67	99.21	30.19	84.42	-104.51	3,577.47	2,622.19	2,547.34	74.86	35.029					
13,400.00	7,172.15	7,059.56	7,058.44	100.64	30.18	84.28	-104.44	3,577.52	2,715.94	2,641.46	74.48	36.466					
13,500.00	7,171.69	7,057.34	7,056.22	102.08	30.17	84.14	-104.38	3,577.56	2,810.11	2,735.98	74.13	37.908					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - INTERMILL #1-22 - OH - GYRO-NS													Offset Site Error:	0.00 ft
Survey Program: 100-GYRO-NS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.00	7,171.22	7,055.13	7,054.01	103.52	30.16	84.01	-104.31	3,577.61	2,904.68	2,830.87	73.81	39.353		
13,700.00	7,170.76	7,052.94	7,051.82	104.97	30.15	83.87	-104.25	3,577.65	2,999.59	2,926.07	73.52	40.800		
13,800.00	7,170.29	7,050.76	7,049.65	106.41	30.14	83.74	-104.19	3,577.70	3,094.82	3,021.57	73.25	42.250		
13,900.00	7,169.83	7,048.60	7,047.49	107.86	30.13	83.61	-104.12	3,577.74	3,190.34	3,117.34	73.00	43.701		
14,000.00	7,169.36	7,046.46	7,045.35	109.31	30.12	83.48	-104.06	3,577.79	3,286.13	3,213.35	72.78	45.152		
14,100.00	7,168.90	7,044.33	7,043.22	110.76	30.11	83.35	-104.00	3,577.83	3,382.16	3,309.59	72.57	46.604		
14,200.00	7,168.44	7,042.21	7,041.10	112.21	30.10	83.22	-103.94	3,577.87	3,478.41	3,406.03	72.38	48.055		
14,300.00	7,167.97	7,040.10	7,039.00	113.67	30.09	83.09	-103.88	3,577.91	3,574.87	3,502.66	72.21	49.506		
14,400.00	7,167.51	7,038.02	7,036.91	115.12	30.08	82.96	-103.82	3,577.96	3,671.51	3,599.46	72.05	50.957		
14,500.00	7,167.04	7,035.94	7,034.84	116.58	30.08	82.83	-103.76	3,578.00	3,768.33	3,696.42	71.91	52.406		
14,600.00	7,166.58	7,033.88	7,032.78	118.04	30.07	82.71	-103.70	3,578.04	3,865.30	3,793.53	71.77	53.853		
14,700.00	7,166.11	7,031.83	7,030.73	119.50	30.06	82.58	-103.64	3,578.08	3,962.43	3,890.78	71.65	55.299		
14,800.00	7,165.65	7,029.80	7,028.70	120.97	30.05	82.46	-103.59	3,578.12	4,059.70	3,988.15	71.55	56.743		
14,900.00	7,165.18	7,027.78	7,026.68	122.43	30.04	82.33	-103.53	3,578.16	4,157.09	4,085.65	71.45	58.185		
15,000.00	7,164.72	7,025.77	7,024.67	123.90	30.03	82.21	-103.48	3,578.20	4,254.61	4,183.25	71.36	59.625		
15,100.00	7,164.25	7,023.78	7,022.68	125.36	30.02	82.09	-103.42	3,578.24	4,352.23	4,280.95	71.28	61.062		
15,200.00	7,163.79	7,021.79	7,020.70	126.83	30.02	81.97	-103.37	3,578.27	4,449.96	4,378.76	71.20	62.496		
15,300.00	7,163.32	7,019.83	7,018.73	128.30	30.01	81.85	-103.31	3,578.31	4,547.79	4,476.65	71.14	63.928		
15,400.00	7,162.86	7,017.87	7,016.78	129.77	30.00	81.73	-103.26	3,578.35	4,645.71	4,574.62	71.08	65.356		
15,500.00	7,162.39	7,015.93	7,014.83	131.24	29.99	81.61	-103.20	3,578.39	4,743.71	4,672.68	71.03	66.782		
15,600.00	7,161.93	7,014.00	7,012.91	132.71	29.98	81.49	-103.15	3,578.42	4,841.80	4,770.81	70.99	68.204		
15,700.00	7,161.47	7,012.08	7,010.99	134.19	29.97	81.37	-103.10	3,578.46	4,939.96	4,869.01	70.95	69.624		
15,800.00	7,161.00	7,010.17	7,009.08	135.66	29.97	81.26	-103.05	3,578.50	5,038.19	4,967.27	70.92	71.039		
15,900.00	7,160.54	7,008.28	7,007.19	137.14	29.96	81.14	-103.00	3,578.53	5,136.49	5,065.60	70.90	72.452		
16,000.00	7,160.07	7,006.40	7,005.31	138.61	29.95	81.03	-102.95	3,578.57	5,234.86	5,163.98	70.87	73.860		
16,100.00	7,159.61	7,004.53	7,003.44	140.09	29.94	80.92	-102.90	3,578.60	5,333.28	5,262.42	70.86	75.266		
16,200.00	7,159.14	7,002.67	7,001.58	141.57	29.93	80.80	-102.85	3,578.64	5,431.76	5,360.91	70.85	76.667		
16,300.00	7,158.68	7,000.00	6,998.92	143.05	29.92	80.64	-102.78	3,578.69	5,530.29	5,459.46	70.84	78.069		
16,400.00	7,158.21	6,998.95	6,997.87	144.53	29.92	80.58	-102.75	3,578.71	5,628.88	5,558.04	70.84	79.459		
16,500.00	7,157.75	6,997.06	6,995.98	146.01	29.91	80.46	-102.70	3,578.74	5,727.51	5,656.67	70.84	80.849		
16,600.00	7,157.28	6,995.17	6,994.09	147.49	29.90	80.35	-102.65	3,578.78	5,826.19	5,755.34	70.85	82.235		
16,700.00	7,156.82	6,993.29	6,992.21	148.97	29.89	80.23	-102.60	3,578.81	5,924.92	5,854.06	70.86	83.618		
16,800.00	7,156.35	6,991.42	6,990.34	150.45	29.89	80.12	-102.55	3,578.85	6,023.68	5,952.81	70.87	84.996		
16,900.00	7,155.89	6,989.56	6,988.48	151.94	29.88	80.01	-102.50	3,578.88	6,122.48	6,051.60	70.89	86.370		
17,000.00	7,155.43	6,987.70	6,986.62	153.42	29.87	79.90	-102.46	3,578.91	6,221.32	6,150.42	70.91	87.740		
17,100.00	7,154.96	6,985.85	6,984.77	154.90	29.86	79.78	-102.41	3,578.95	6,320.20	6,249.27	70.93	89.106		
17,200.00	7,154.50	6,984.00	6,982.93	156.39	29.85	79.67	-102.36	3,578.98	6,419.11	6,348.16	70.95	90.468		
17,300.00	7,154.03	6,982.17	6,981.09	157.88	29.85	79.56	-102.32	3,579.01	6,518.06	6,447.07	70.98	91.825		
17,400.00	7,153.57	6,980.34	6,979.26	159.36	29.84	79.45	-102.27	3,579.05	6,617.03	6,546.02	71.01	93.178		
17,500.00	7,153.10	6,978.51	6,977.44	160.85	29.83	79.34	-102.23	3,579.08	6,716.04	6,644.99	71.05	94.527		
17,600.00	7,152.64	6,976.70	6,975.63	162.34	29.82	79.23	-102.19	3,579.11	6,815.07	6,743.98	71.09	95.871		
17,700.00	7,152.17	6,974.89	6,973.82	163.83	29.82	79.12	-102.14	3,579.14	6,914.13	6,843.00	71.12	97.211		
17,737.15	7,152.00	6,974.22	6,973.15	164.38	29.81	79.08	-102.13	3,579.16	6,950.94	6,879.80	71.14	97.708		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - KENT #24-2 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
8,700.00	7,193.99	7,177.99	7,177.99	40.30	248.86	-97.14	1,215.41	11,398.91	9,979.94	9,699.55	280.40	35.592					
8,800.00	7,193.53	7,177.53	7,177.53	41.22	248.84	-97.07	1,215.41	11,398.91	9,880.02	9,599.62	280.39	35.236					
8,900.00	7,193.06	7,177.06	7,177.06	42.17	248.83	-97.00	1,215.41	11,398.91	9,780.09	9,499.69	280.39	34.880					
9,000.00	7,192.60	7,176.60	7,176.60	43.16	248.81	-96.92	1,215.41	11,398.91	9,680.16	9,399.77	280.39	34.524					
9,100.00	7,192.13	7,176.13	7,176.13	44.17	248.80	-96.85	1,215.41	11,398.91	9,580.24	9,299.84	280.39	34.167					
9,200.00	7,191.67	7,175.67	7,175.67	45.22	248.78	-96.78	1,215.41	11,398.91	9,480.31	9,199.92	280.40	33.811					
9,300.00	7,191.20	7,175.20	7,175.20	46.29	248.76	-96.71	1,215.41	11,398.91	9,380.39	9,099.99	280.40	33.454					
9,400.00	7,190.74	7,174.74	7,174.74	47.38	248.75	-96.64	1,215.41	11,398.91	9,280.47	9,000.07	280.40	33.097					
9,500.00	7,190.27	7,174.27	7,174.27	48.50	248.73	-96.57	1,215.41	11,398.91	9,180.55	8,900.14	280.41	32.740					
9,600.00	7,189.81	7,173.81	7,173.81	49.64	248.71	-96.50	1,215.41	11,398.91	9,080.63	8,800.22	280.42	32.383					
9,700.00	7,189.34	7,173.34	7,173.34	50.80	248.70	-96.43	1,215.41	11,398.91	8,980.72	8,700.30	280.42	32.025					
9,800.00	7,188.88	7,172.88	7,172.88	51.98	248.68	-96.36	1,215.41	11,398.91	8,880.81	8,600.37	280.43	31.668					
9,900.00	7,188.41	7,172.41	7,172.41	53.17	248.67	-96.29	1,215.41	11,398.91	8,780.90	8,500.45	280.44	31.311					
10,000.00	7,187.95	7,171.95	7,171.95	54.38	248.65	-96.21	1,215.41	11,398.91	8,680.99	8,400.53	280.46	30.953					
10,100.00	7,187.49	7,171.49	7,171.49	55.61	248.63	-96.14	1,215.41	11,398.91	8,581.08	8,300.61	280.47	30.595					
10,200.00	7,187.02	7,171.02	7,171.02	56.85	248.62	-96.07	1,215.41	11,398.91	8,481.17	8,200.69	280.48	30.238					
10,300.00	7,186.56	7,170.56	7,170.56	58.10	248.60	-96.00	1,215.41	11,398.91	8,381.27	8,100.77	280.50	29.880					
10,400.00	7,186.09	7,170.09	7,170.09	59.37	248.58	-95.93	1,215.41	11,398.91	8,281.37	8,000.86	280.52	29.522					
10,500.00	7,185.63	7,169.63	7,169.63	60.64	248.57	-95.86	1,215.41	11,398.91	8,181.47	7,900.94	280.53	29.164					
10,600.00	7,185.16	7,169.16	7,169.16	61.93	248.55	-95.79	1,215.41	11,398.91	8,081.58	7,801.02	280.55	28.806					
10,700.00	7,184.70	7,168.70	7,168.70	63.23	248.54	-95.72	1,215.41	11,398.91	7,981.69	7,701.11	280.58	28.448					
10,800.00	7,184.23	7,168.23	7,168.23	64.54	248.52	-95.65	1,215.41	11,398.91	7,881.80	7,601.20	280.60	28.089					
10,900.00	7,183.77	7,167.77	7,167.77	65.85	248.50	-95.57	1,215.41	11,398.91	7,781.91	7,501.29	280.62	27.731					
11,000.00	7,183.30	7,167.30	7,167.30	67.18	248.49	-95.50	1,215.41	11,398.91	7,682.02	7,401.38	280.65	27.373					
11,100.00	7,182.84	7,166.84	7,166.84	68.51	248.47	-95.43	1,215.41	11,398.91	7,582.14	7,301.47	280.67	27.014					
11,200.00	7,182.37	7,166.37	7,166.37	69.85	248.45	-95.36	1,215.41	11,398.91	7,482.26	7,201.56	280.70	26.656					
11,300.00	7,181.91	7,165.91	7,165.91	71.20	248.44	-95.29	1,215.41	11,398.91	7,382.39	7,101.66	280.73	26.297					
11,400.00	7,181.45	7,165.45	7,165.45	72.56	248.42	-95.22	1,215.41	11,398.91	7,282.52	7,001.76	280.76	25.939					
11,500.00	7,180.98	7,164.98	7,164.98	73.92	248.41	-95.15	1,215.41	11,398.91	7,182.65	6,901.86	280.79	25.580					
11,600.00	7,180.52	7,164.52	7,164.52	75.29	248.39	-95.08	1,215.41	11,398.91	7,082.79	6,801.96	280.83	25.221					
11,700.00	7,180.05	7,164.05	7,164.05	76.66	248.37	-95.00	1,215.41	11,398.91	6,982.93	6,702.06	280.86	24.862					
11,800.00	7,179.59	7,163.59	7,163.59	78.04	248.36	-94.93	1,215.41	11,398.91	6,883.07	6,602.17	280.90	24.504					
11,900.00	7,179.12	7,163.12	7,163.12	79.42	248.34	-94.86	1,215.41	11,398.91	6,783.22	6,502.28	280.94	24.145					
12,000.00	7,178.66	7,162.66	7,162.66	80.81	248.33	-94.79	1,215.41	11,398.91	6,683.37	6,402.39	280.98	23.786					
12,100.00	7,178.19	7,162.19	7,162.19	82.20	248.31	-94.72	1,215.41	11,398.91	6,583.53	6,302.51	281.02	23.427					
12,200.00	7,177.73	7,161.73	7,161.73	83.60	248.29	-94.65	1,215.41	11,398.91	6,483.69	6,202.62	281.06	23.068					
12,300.00	7,177.26	7,161.26	7,161.26	85.00	248.28	-94.58	1,215.41	11,398.91	6,383.85	6,102.75	281.11	22.709					
12,400.00	7,176.80	7,160.80	7,160.80	86.41	248.26	-94.50	1,215.41	11,398.91	6,284.03	6,002.87	281.16	22.351					
12,500.00	7,176.33	7,160.33	7,160.33	87.82	248.24	-94.43	1,215.41	11,398.91	6,184.20	5,903.00	281.21	21.992					
12,600.00	7,175.87	7,159.87	7,159.87	89.23	248.23	-94.36	1,215.41	11,398.91	6,084.39	5,803.13	281.26	21.633					
12,700.00	7,175.40	7,159.40	7,159.40	90.65	248.21	-94.29	1,215.41	11,398.91	5,984.58	5,703.26	281.31	21.274					
12,800.00	7,174.94	7,158.94	7,158.94	92.07	248.20	-94.22	1,215.41	11,398.91	5,884.77	5,603.40	281.37	20.915					
12,900.00	7,174.48	7,158.48	7,158.48	93.49	248.18	-94.15	1,215.41	11,398.91	5,784.97	5,503.55	281.43	20.556					
13,000.00	7,174.01	7,158.01	7,158.01	94.91	248.16	-94.07	1,215.41	11,398.91	5,685.18	5,403.70	281.49	20.197					
13,100.00	7,173.55	7,157.55	7,157.55	96.34	248.15	-94.00	1,215.41	11,398.91	5,585.40	5,303.85	281.55	19.838					
13,200.00	7,173.08	7,157.08	7,157.08	97.77	248.13	-93.93	1,215.41	11,398.91	5,485.63	5,204.01	281.62	19.479					
13,300.00	7,172.62	7,156.62	7,156.62	99.21	248.11	-93.86	1,215.41	11,398.91	5,385.86	5,104.17	281.69	19.120					
13,400.00	7,172.15	7,156.15	7,156.15	100.64	248.10	-93.79	1,215.41	11,398.91	5,286.10	5,004.34	281.76	18.761					
13,500.00	7,171.69	7,155.69	7,155.69	102.08	248.08	-93.72	1,215.41	11,398.91	5,186.35	4,904.52	281.83	18.402					
13,600.00	7,171.22	7,155.22	7,155.22	103.52	248.07	-93.64	1,215.41	11,398.91	5,086.61	4,804.70	281.91	18.043					
13,700.00	7,170.76	7,154.76	7,154.76	104.97	248.05	-93.57	1,215.41	11,398.91	4,986.88	4,704.89	282.00	17.684					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - KENT #24-2 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
13,800.00	7,170.29	7,154.29	7,154.29	106.41	248.03	-93.50	1,215.41	11,398.91	4,887.17	4,605.08	282.08	17.325					
13,900.00	7,169.83	7,153.83	7,153.83	107.86	248.02	-93.43	1,215.41	11,398.91	4,787.46	4,505.29	282.17	16.966					
14,000.00	7,169.36	7,153.36	7,153.36	109.31	248.00	-93.36	1,215.41	11,398.91	4,687.77	4,405.50	282.27	16.607					
14,100.00	7,168.90	7,152.90	7,152.90	110.76	247.98	-93.29	1,215.41	11,398.91	4,588.09	4,305.72	282.37	16.249					
14,200.00	7,168.44	7,152.44	7,152.44	112.21	247.97	-93.21	1,215.41	11,398.91	4,488.42	4,205.95	282.47	15.890					
14,300.00	7,167.97	7,151.97	7,151.97	113.67	247.95	-93.14	1,215.41	11,398.91	4,388.77	4,106.18	282.59	15.531					
14,400.00	7,167.51	7,151.51	7,151.51	115.12	247.94	-93.07	1,215.41	11,398.91	4,289.14	4,006.43	282.70	15.172					
14,500.00	7,167.04	7,151.04	7,151.04	116.58	247.92	-93.00	1,215.41	11,398.91	4,189.52	3,906.69	282.83	14.813					
14,600.00	7,166.58	7,150.58	7,150.58	118.04	247.90	-92.93	1,215.41	11,398.91	4,089.92	3,806.96	282.96	14.454					
14,700.00	7,166.11	7,150.11	7,150.11	119.50	247.89	-92.86	1,215.41	11,398.91	3,990.34	3,707.24	283.10	14.095					
14,800.00	7,165.65	7,149.65	7,149.65	120.97	247.87	-92.78	1,215.41	11,398.91	3,890.79	3,607.53	283.25	13.736					
14,900.00	7,165.18	7,149.18	7,149.18	122.43	247.85	-92.71	1,215.41	11,398.91	3,791.25	3,507.84	283.41	13.377					
15,000.00	7,164.72	7,148.72	7,148.72	123.90	247.84	-92.64	1,215.41	11,398.91	3,691.74	3,408.16	283.58	13.018					
15,100.00	7,164.25	7,148.25	7,148.25	125.36	247.82	-92.57	1,215.41	11,398.91	3,592.26	3,308.50	283.76	12.659					
15,200.00	7,163.79	7,147.79	7,147.79	126.83	247.81	-92.50	1,215.41	11,398.91	3,492.81	3,208.85	283.96	12.300					
15,300.00	7,163.32	7,147.32	7,147.32	128.30	247.79	-92.43	1,215.41	11,398.91	3,393.39	3,109.22	284.17	11.941					
15,400.00	7,162.86	7,146.86	7,146.86	129.77	247.77	-92.35	1,215.41	11,398.91	3,294.01	3,009.60	284.40	11.582					
15,500.00	7,162.39	7,146.39	7,146.39	131.24	247.76	-92.28	1,215.41	11,398.91	3,194.66	2,910.01	284.65	11.223					
15,600.00	7,161.93	7,145.93	7,145.93	132.71	247.74	-92.21	1,215.41	11,398.91	3,095.36	2,810.44	284.92	10.864					
15,700.00	7,161.47	7,145.47	7,145.47	134.19	247.72	-92.14	1,215.41	11,398.91	2,996.10	2,710.88	285.22	10.505					
15,800.00	7,161.00	7,145.00	7,145.00	135.66	247.71	-92.07	1,215.41	11,398.91	2,896.89	2,611.35	285.54	10.145					
15,900.00	7,160.54	7,144.54	7,144.54	137.14	247.69	-91.99	1,215.41	11,398.91	2,797.74	2,511.85	285.89	9.786					
16,000.00	7,160.07	7,144.07	7,144.07	138.61	247.68	-91.92	1,215.41	11,398.91	2,698.65	2,412.37	286.28	9.427					
16,100.00	7,159.61	7,143.61	7,143.61	140.09	247.66	-91.85	1,215.41	11,398.91	2,599.63	2,312.92	286.71	9.067					
16,200.00	7,159.14	7,143.14	7,143.14	141.57	247.64	-91.78	1,215.41	11,398.91	2,500.69	2,213.50	287.19	8.707					
16,300.00	7,158.68	7,142.68	7,142.68	143.05	247.63	-91.71	1,215.41	11,398.91	2,401.84	2,114.11	287.73	8.348					
16,400.00	7,158.21	7,142.21	7,142.21	144.53	247.61	-91.63	1,215.41	11,398.91	2,303.09	2,014.76	288.33	7.988					
16,500.00	7,157.75	7,141.75	7,141.75	146.01	247.60	-91.56	1,215.41	11,398.91	2,204.45	1,915.45	289.00	7.628					
16,600.00	7,157.28	7,141.28	7,141.28	147.49	247.58	-91.49	1,215.41	11,398.91	2,105.94	1,816.17	289.76	7.268					
16,700.00	7,156.82	7,140.82	7,140.82	148.97	247.56	-91.42	1,215.41	11,398.91	2,007.57	1,716.94	290.63	6.908					
16,800.00	7,156.35	7,140.35	7,140.35	150.45	247.55	-91.35	1,215.41	11,398.91	1,909.37	1,617.76	291.61	6.548					
16,900.00	7,155.89	7,139.89	7,139.89	151.94	247.53	-91.28	1,215.41	11,398.91	1,811.37	1,518.63	292.75	6.188					
17,000.00	7,155.43	7,139.43	7,139.43	153.42	247.51	-91.20	1,215.41	11,398.91	1,713.61	1,419.55	294.05	5.828					
17,100.00	7,154.96	7,138.96	7,138.96	154.90	247.50	-91.13	1,215.41	11,398.91	1,616.11	1,320.54	295.57	5.468					
17,200.00	7,154.50	7,138.50	7,138.50	156.39	247.48	-91.06	1,215.41	11,398.91	1,518.94	1,221.61	297.34	5.109					
17,300.00	7,154.03	7,138.03	7,138.03	157.88	247.47	-90.99	1,215.41	11,398.91	1,422.16	1,122.75	299.41	4.750					
17,400.00	7,153.57	7,137.57	7,137.57	159.36	247.45	-90.92	1,215.41	11,398.91	1,325.87	1,023.99	301.87	4.392					
17,500.00	7,153.10	7,137.10	7,137.10	160.85	247.43	-90.84	1,215.41	11,398.91	1,230.16	925.35	304.80	4.036					
17,600.00	7,152.64	7,136.64	7,136.64	162.34	247.42	-90.77	1,215.41	11,398.91	1,135.19	826.87	308.32	3.682					
17,700.00	7,152.17	7,136.17	7,136.17	163.83	247.40	-90.70	1,215.41	11,398.91	1,041.16	728.58	312.58	3.331					
17,737.15	7,152.00	7,136.00	7,136.00	164.38	247.39	-90.67	1,215.41	11,398.91	1,006.52	692.13	314.39	3.201	CC, ES, SF				



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.00	7,195.38	7,984.76	7,141.94	37.77	44.11	91.24	816.82	11,035.59	9,908.61	9,839.79	68.82	143.976		
8,500.00	7,194.92	7,984.49	7,141.93	38.57	44.10	91.25	817.10	11,035.59	9,908.61	9,739.78	68.83	142.496		
8,600.00	7,194.46	7,984.21	7,141.93	39.41	44.10	91.26	817.37	11,035.59	9,708.61	9,639.76	68.85	141.014		
8,700.00	7,193.99	7,983.94	7,141.93	40.30	44.10	91.27	817.65	11,035.59	9,608.61	9,539.75	68.86	139.531		
8,800.00	7,193.53	7,983.66	7,141.93	41.22	44.10	91.28	817.93	11,035.59	9,508.61	9,439.73	68.88	138.046		
8,900.00	7,193.06	7,983.38	7,141.93	42.17	44.10	91.29	818.20	11,035.59	9,408.61	9,339.72	68.90	136.559		
9,000.00	7,192.60	7,983.11	7,141.93	43.16	44.10	91.30	818.48	11,035.59	9,308.61	9,239.70	68.92	135.071		
9,100.00	7,192.13	7,982.83	7,141.93	44.17	44.10	91.31	818.75	11,035.59	9,208.61	9,139.68	68.94	133.582		
9,200.00	7,191.67	7,982.56	7,141.93	45.22	44.09	91.33	819.03	11,035.59	9,108.61	9,039.66	68.96	132.091		
9,300.00	7,191.20	7,982.28	7,141.93	46.29	44.09	91.34	819.31	11,035.59	9,008.62	8,939.64	68.98	130.599		
9,400.00	7,190.74	7,982.00	7,141.92	47.38	44.09	91.35	819.58	11,035.59	8,908.62	8,839.61	69.00	129.106		
9,500.00	7,190.27	7,981.73	7,141.92	48.50	44.09	91.36	819.86	11,035.59	8,808.62	8,739.59	69.03	127.612		
9,600.00	7,189.81	7,981.45	7,141.92	49.64	44.09	91.38	820.13	11,035.59	8,708.62	8,639.56	69.05	126.116		
9,700.00	7,189.34	7,981.18	7,141.92	50.80	44.09	91.39	820.41	11,035.59	8,608.62	8,539.54	69.08	124.620		
9,800.00	7,188.88	7,980.90	7,141.92	51.98	44.09	91.40	820.69	11,035.59	8,508.62	8,439.51	69.11	123.123		
9,900.00	7,188.41	7,980.62	7,141.92	53.17	44.08	91.42	820.96	11,035.59	8,408.62	8,339.48	69.14	121.625		
10,000.00	7,187.95	7,980.35	7,141.92	54.38	44.08	91.43	821.24	11,035.59	8,308.62	8,239.45	69.17	120.127		
10,100.00	7,187.49	7,980.07	7,141.92	55.61	44.08	91.45	821.51	11,035.59	8,208.62	8,139.42	69.20	118.628		
10,200.00	7,187.02	7,979.80	7,141.92	56.85	44.08	91.46	821.79	11,035.59	8,108.62	8,039.39	69.23	117.128		
10,300.00	7,186.56	7,979.52	7,141.91	58.10	44.08	91.48	822.07	11,035.59	8,008.62	7,939.36	69.26	115.628		
10,400.00	7,186.09	7,979.24	7,141.91	59.37	44.08	91.49	822.34	11,035.59	7,908.62	7,839.32	69.30	114.128		
10,500.00	7,185.63	7,978.97	7,141.91	60.64	44.08	91.51	822.62	11,035.59	7,808.62	7,739.29	69.33	112.627		
10,600.00	7,185.16	7,978.69	7,141.91	61.93	44.07	91.53	822.89	11,035.59	7,708.62	7,639.25	69.37	111.126		
10,700.00	7,184.70	7,978.42	7,141.91	63.23	44.07	91.54	823.17	11,035.59	7,608.62	7,539.21	69.41	109.625		
10,800.00	7,184.23	7,978.14	7,141.91	64.54	44.07	91.56	823.45	11,035.59	7,508.62	7,439.18	69.44	108.124		
10,900.00	7,183.77	7,977.86	7,141.91	65.85	44.07	91.58	823.72	11,035.59	7,408.62	7,339.14	69.48	106.623		
11,000.00	7,183.30	7,977.59	7,141.91	67.18	44.07	91.60	824.00	11,035.59	7,308.62	7,239.10	69.53	105.122		
11,100.00	7,182.84	7,977.31	7,141.91	68.51	44.07	91.62	824.27	11,035.59	7,208.62	7,139.05	69.57	103.621		
11,200.00	7,182.37	7,977.04	7,141.90	69.85	44.07	91.64	824.55	11,035.59	7,108.62	7,039.01	69.61	102.120		
11,300.00	7,181.91	7,976.76	7,141.90	71.20	44.06	91.66	824.83	11,035.59	7,008.62	6,938.97	69.65	100.620		
11,400.00	7,181.45	7,976.48	7,141.90	72.56	44.06	91.68	825.10	11,035.59	6,908.62	6,838.92	69.70	99.120		
11,500.00	7,180.98	7,976.21	7,141.90	73.92	44.06	91.70	825.38	11,035.59	6,808.62	6,738.88	69.75	97.621		
11,600.00	7,180.52	7,975.93	7,141.90	75.29	44.06	91.72	825.65	11,035.59	6,708.62	6,638.83	69.79	96.122		
11,700.00	7,180.05	7,975.66	7,141.90	76.66	44.06	91.74	825.93	11,035.59	6,608.62	6,538.78	69.84	94.624		
11,800.00	7,179.59	7,975.38	7,141.90	78.04	44.06	91.76	826.21	11,035.59	6,508.62	6,438.73	69.89	93.127		
11,900.00	7,179.12	7,975.10	7,141.90	79.42	44.06	91.79	826.48	11,035.59	6,408.62	6,338.68	69.94	91.630		
12,000.00	7,178.66	7,974.83	7,141.90	80.81	44.05	91.81	826.76	11,035.59	6,308.63	6,238.63	69.99	90.134		
12,100.00	7,178.19	7,974.55	7,141.90	82.20	44.05	91.84	827.03	11,035.59	6,208.63	6,138.58	70.04	88.639		
12,200.00	7,177.73	7,974.28	7,141.89	83.60	44.05	91.87	827.31	11,035.59	6,108.63	6,038.53	70.10	87.145		
12,300.00	7,177.26	7,974.00	7,141.89	85.00	44.05	91.89	827.59	11,035.59	6,008.63	5,938.47	70.15	85.652		
12,400.00	7,176.80	7,973.72	7,141.89	86.41	44.05	91.92	827.86	11,035.59	5,908.63	5,838.42	70.21	84.160		
12,500.00	7,176.33	7,973.45	7,141.89	87.82	44.05	91.95	828.14	11,035.59	5,808.63	5,738.36	70.26	82.669		
12,600.00	7,175.87	7,973.17	7,141.89	89.23	44.05	91.98	828.41	11,035.59	5,708.63	5,638.31	70.32	81.180		
12,700.00	7,175.40	7,972.90	7,141.89	90.65	44.04	92.01	828.69	11,035.59	5,608.63	5,538.25	70.38	79.692		
12,800.00	7,174.94	7,972.62	7,141.89	92.07	44.04	92.04	828.97	11,035.59	5,508.63	5,438.19	70.44	78.205		
12,900.00	7,174.48	7,972.34	7,141.89	93.49	44.04	92.08	829.24	11,035.59	5,408.63	5,338.13	70.50	76.720		
13,000.00	7,174.01	7,972.07	7,141.89	94.91	44.04	92.11	829.52	11,035.59	5,308.63	5,238.07	70.56	75.236		
13,100.00	7,173.55	7,971.79	7,141.88	96.34	44.04	92.15	829.79	11,035.59	5,208.63	5,138.01	70.62	73.754		
13,200.00	7,173.08	7,971.52	7,141.88	97.77	44.04	92.19	830.07	11,035.59	5,108.63	5,037.94	70.69	72.273		
13,300.00	7,172.62	7,971.24	7,141.88	99.21	44.04	92.22	830.34	11,035.59	5,008.63	4,937.88	70.75	70.794		
13,400.00	7,172.15	7,970.96	7,141.88	100.64	44.03	92.26	830.62	11,035.59	4,908.63	4,837.82	70.81	69.317		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,500.00	7,171.69	7,970.69	7,141.88	102.08	44.03	92.31	830.90	11,035.59	4,808.63	4,737.75	70.88	67.842		
13,600.00	7,171.22	7,970.41	7,141.88	103.52	44.03	92.35	831.17	11,035.59	4,708.63	4,637.68	70.95	66.368		
13,700.00	7,170.76	7,970.14	7,141.88	104.97	44.03	92.40	831.45	11,035.59	4,608.63	4,537.62	71.01	64.897		
13,800.00	7,170.29	7,969.86	7,141.88	106.41	44.03	92.45	831.72	11,035.59	4,508.63	4,437.55	71.08	63.427		
13,900.00	7,169.83	7,969.58	7,141.88	107.86	44.03	92.50	832.00	11,035.59	4,408.63	4,337.48	71.15	61.960		
14,000.00	7,169.36	7,969.31	7,141.87	109.31	44.03	92.55	832.28	11,035.59	4,308.63	4,237.41	71.22	60.494		
14,100.00	7,168.90	7,969.03	7,141.87	110.76	44.02	92.60	832.55	11,035.59	4,208.63	4,137.34	71.30	59.031		
14,200.00	7,168.44	7,968.76	7,141.87	112.21	44.02	92.66	832.83	11,035.59	4,108.63	4,037.27	71.37	57.570		
14,300.00	7,167.97	7,968.48	7,141.87	113.67	44.02	92.72	833.10	11,035.59	4,008.63	3,937.19	71.44	56.111		
14,400.00	7,167.51	7,968.20	7,141.87	115.12	44.02	92.78	833.38	11,035.59	3,908.63	3,837.12	71.52	54.655		
14,500.00	7,167.04	7,967.93	7,141.87	116.58	44.02	92.85	833.66	11,035.59	3,808.63	3,737.04	71.59	53.200		
14,600.00	7,166.58	7,967.65	7,141.87	118.04	44.02	92.92	833.93	11,035.58	3,708.64	3,636.97	71.67	51.749		
14,700.00	7,166.11	7,967.38	7,141.87	119.50	44.02	93.00	834.21	11,035.58	3,608.64	3,536.89	71.74	50.300		
14,800.00	7,165.65	7,967.10	7,141.87	120.97	44.01	93.08	834.48	11,035.58	3,508.64	3,436.82	71.82	48.853		
14,900.00	7,165.18	7,966.82	7,141.86	122.43	44.01	93.16	834.76	11,035.58	3,408.64	3,336.74	71.90	47.409		
15,000.00	7,164.72	7,966.55	7,141.86	123.90	44.01	93.25	835.04	11,035.58	3,308.64	3,236.66	71.98	45.967		
15,100.00	7,164.25	7,966.27	7,141.86	125.36	44.01	93.34	835.31	11,035.58	3,208.64	3,136.58	72.06	44.528		
15,200.00	7,163.79	7,966.00	7,141.86	126.83	44.01	93.44	835.59	11,035.58	3,108.64	3,036.50	72.14	43.092		
15,300.00	7,163.32	7,965.72	7,141.86	128.30	44.01	93.55	835.86	11,035.58	3,008.64	2,936.42	72.22	41.658		
15,400.00	7,162.86	7,965.44	7,141.86	129.77	44.01	93.66	836.14	11,035.58	2,908.64	2,836.33	72.30	40.228		
15,500.00	7,162.39	7,965.17	7,141.86	131.24	44.01	93.78	836.42	11,035.58	2,808.64	2,736.25	72.39	38.800		
15,600.00	7,161.93	7,964.89	7,141.86	132.71	44.00	93.91	836.69	11,035.58	2,708.64	2,636.17	72.47	37.375		
15,700.00	7,161.47	7,964.62	7,141.86	134.19	44.00	94.06	836.97	11,035.58	2,608.64	2,536.08	72.56	35.953		
15,800.00	7,161.00	7,964.34	7,141.85	135.66	44.00	94.21	837.24	11,035.58	2,508.64	2,436.00	72.64	34.534		
15,900.00	7,160.54	7,964.06	7,141.85	137.14	44.00	94.37	837.52	11,035.58	2,408.64	2,335.91	72.73	33.118		
16,000.00	7,160.07	7,963.79	7,141.85	138.61	44.00	94.55	837.80	11,035.58	2,308.64	2,235.82	72.82	31.705		
16,100.00	7,159.61	7,963.51	7,141.85	140.09	44.00	94.75	838.07	11,035.58	2,208.64	2,135.74	72.91	30.295		
16,200.00	7,159.14	7,963.24	7,141.85	141.57	44.00	94.96	838.35	11,035.58	2,108.64	2,035.65	72.99	28.888		
16,300.00	7,158.68	7,962.96	7,141.85	143.05	43.99	95.19	838.62	11,035.58	2,008.64	1,935.56	73.08	27.484		
16,400.00	7,158.21	7,962.68	7,141.85	144.53	43.99	95.45	838.90	11,035.58	1,908.64	1,835.47	73.18	26.083		
16,500.00	7,157.75	7,962.41	7,141.85	146.01	43.99	95.74	839.18	11,035.58	1,808.64	1,735.38	73.27	24.686		
16,600.00	7,157.28	7,962.13	7,141.85	147.49	43.99	96.06	839.45	11,035.58	1,708.64	1,635.28	73.36	23.292		
16,700.00	7,156.82	7,961.86	7,141.84	148.97	43.99	96.42	839.73	11,035.58	1,608.64	1,535.19	73.45	21.901		
16,800.00	7,156.35	7,961.58	7,141.84	150.45	43.99	96.83	840.00	11,035.58	1,508.64	1,435.10	73.55	20.513		
16,900.00	7,155.89	7,961.30	7,141.84	151.94	43.99	97.29	840.28	11,035.58	1,408.64	1,335.00	73.64	19.129		
17,000.00	7,155.43	7,961.03	7,141.84	153.42	43.98	97.82	840.56	11,035.58	1,308.64	1,234.91	73.74	17.748		
17,100.00	7,154.96	7,960.75	7,141.84	154.90	43.98	98.44	840.83	11,035.58	1,208.64	1,134.81	73.83	16.370		
17,200.00	7,154.50	7,960.48	7,141.84	156.39	43.98	99.17	841.11	11,035.58	1,108.65	1,034.72	73.93	14.996		
17,300.00	7,154.03	7,960.20	7,141.84	157.88	43.98	100.04	841.38	11,035.58	1,008.65	934.62	74.03	13.626		
17,400.00	7,153.57	7,959.92	7,141.84	159.36	43.98	101.10	841.66	11,035.58	908.65	834.52	74.12	12.258		
17,500.00	7,153.10	7,959.65	7,141.84	160.85	43.98	102.40	841.94	11,035.58	808.65	734.42	74.22	10.895		
17,600.00	7,152.64	7,959.37	7,141.83	162.34	43.98	104.06	842.21	11,035.58	708.65	634.32	74.32	9.535		
17,700.00	7,152.17	7,959.10	7,141.83	163.83	43.98	106.22	842.49	11,035.58	608.65	534.22	74.42	8.178		
17,737.15	7,152.00	7,958.99	7,141.83	164.38	43.97	107.20	842.59	11,035.58	571.50	497.03	74.46	7.675 CC, ES, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	93.36	-292.76	4,990.11	4,998.86					
100.00	100.00	59.00	59.00	3.28	3.44	93.36	-292.76	4,990.11	4,998.69	4,991.97	6.72	743.628		
200.00	200.00	159.00	159.00	3.34	5.02	93.36	-292.76	4,990.11	4,998.69	4,990.33	8.36	598.018		
300.00	300.00	259.00	259.00	3.44	8.00	93.36	-292.76	4,990.11	4,998.69	4,987.25	11.44	436.906		
400.00	400.00	359.00	359.00	3.60	11.27	93.36	-292.76	4,990.11	4,998.69	4,983.82	14.87	336.077		
500.00	499.99	458.99	458.99	3.80	14.65	153.36	-292.76	4,990.11	4,999.47	4,981.02	18.45	271.005		
600.00	599.96	558.96	558.96	4.03	18.07	153.36	-292.76	4,990.11	5,001.81	4,979.71	22.10	226.314		
700.00	699.86	658.86	658.86	4.30	21.51	153.37	-292.76	4,990.11	5,005.71	4,979.90	25.81	193.962		
790.00	789.74	748.74	748.74	4.57	24.61	153.39	-292.76	4,990.11	5,009.92	4,980.75	29.18	171.712		
800.00	799.73	758.73	758.73	4.60	24.96	150.25	-292.76	4,990.11	5,010.39	4,980.84	29.55	169.544		
900.00	899.50	858.50	858.50	4.92	28.41	129.12	-292.76	4,990.11	5,015.26	4,981.93	33.32	150.499		
1,000.00	999.05	958.05	958.05	5.26	31.87	118.90	-292.76	4,990.11	5,020.44	4,983.33	37.11	135.278		
1,077.14	1,075.61	1,034.61	1,034.61	5.53	34.53	114.31	-292.76	4,990.11	5,024.66	4,984.62	40.04	125.496		
1,100.00	1,098.26	1,057.26	1,057.26	5.61	35.32	114.35	-292.76	4,990.11	5,025.94	4,985.03	40.91	122.865		
1,200.00	1,197.35	1,156.35	1,156.35	5.98	38.76	114.48	-292.76	4,990.11	5,031.55	4,986.84	44.71	112.533		
1,300.00	1,296.44	1,255.44	1,255.44	6.35	42.21	114.62	-292.76	4,990.11	5,037.20	4,988.67	48.53	103.793		
1,400.00	1,395.52	1,354.52	1,354.52	6.73	45.66	114.76	-292.76	4,990.11	5,042.88	4,990.51	52.36	96.310		
1,500.00	1,494.61	1,453.61	1,453.61	7.12	49.11	114.90	-292.76	4,990.11	5,048.58	4,992.38	56.20	89.832		
1,600.00	1,593.70	1,552.70	1,552.70	7.52	52.56	115.04	-292.76	4,990.11	5,054.32	4,994.27	60.05	84.173		
1,700.00	1,692.78	1,651.78	1,651.78	7.93	56.01	115.17	-292.76	4,990.11	5,060.08	4,996.18	63.90	79.187		
1,800.00	1,791.87	1,750.87	1,750.87	8.33	59.47	115.31	-292.76	4,990.11	5,065.88	4,998.12	67.76	74.763		
1,900.00	1,890.95	1,849.95	1,849.95	8.75	62.92	115.45	-292.76	4,990.11	5,071.70	5,000.08	71.62	70.812		
2,000.00	1,990.04	1,949.04	1,949.04	9.16	66.38	115.58	-292.76	4,990.11	5,077.55	5,002.06	75.49	67.261		
2,100.00	2,089.13	2,048.13	2,048.13	9.58	69.83	115.72	-292.76	4,990.11	5,083.43	5,004.07	79.36	64.055		
2,200.00	2,188.21	2,147.21	2,147.21	10.01	73.29	115.86	-292.76	4,990.11	5,089.34	5,006.11	83.23	61.144		
2,300.00	2,287.30	2,246.30	2,246.30	10.43	76.74	115.99	-292.76	4,990.11	5,095.28	5,008.17	87.11	58.491		
2,400.00	2,386.39	2,345.39	2,345.39	10.86	80.20	116.13	-292.76	4,990.11	5,101.25	5,010.26	90.99	56.063		
2,500.00	2,485.47	2,444.47	2,444.47	11.29	83.66	116.26	-292.76	4,990.11	5,107.25	5,012.37	94.87	53.833		
2,600.00	2,584.56	2,543.56	2,543.56	11.72	87.11	116.40	-292.76	4,990.11	5,113.27	5,014.52	98.76	51.777		
2,700.00	2,683.65	2,642.65	2,642.65	12.15	90.57	116.53	-292.76	4,990.11	5,119.33	5,016.69	102.64	49.877		
2,800.00	2,782.73	2,741.73	2,741.73	12.58	94.03	116.66	-292.76	4,990.11	5,125.41	5,018.88	106.53	48.114		
2,900.00	2,881.82	2,840.82	2,840.82	13.02	97.48	116.80	-292.76	4,990.11	5,131.52	5,021.10	110.41	46.475		
3,000.00	2,980.91	2,939.91	2,939.91	13.45	100.94	116.93	-292.76	4,990.11	5,137.66	5,023.35	114.30	44.948		
3,100.00	3,079.99	3,038.99	3,038.99	13.89	104.40	117.06	-292.76	4,990.11	5,143.82	5,025.63	118.19	43.521		
3,200.00	3,179.08	3,138.08	3,138.08	14.33	107.85	117.20	-292.76	4,990.11	5,150.02	5,027.93	122.08	42.184		
3,300.00	3,278.17	3,237.17	3,237.17	14.76	111.31	117.33	-292.76	4,990.11	5,156.24	5,030.26	125.98	40.931		
3,400.00	3,377.25	3,336.25	3,336.25	15.20	114.77	117.46	-292.76	4,990.11	5,162.49	5,032.62	129.87	39.752		
3,500.00	3,476.34	3,435.34	3,435.34	15.64	118.23	117.59	-292.76	4,990.11	5,168.76	5,035.00	133.76	38.642		
3,600.00	3,575.43	3,534.43	3,534.43	16.08	121.69	117.72	-292.76	4,990.11	5,175.07	5,037.41	137.66	37.594		
3,700.00	3,674.51	3,633.51	3,633.51	16.53	125.14	117.86	-292.76	4,990.11	5,181.40	5,039.85	141.55	36.605		
3,800.00	3,773.60	3,732.60	3,732.60	16.97	128.60	117.99	-292.76	4,990.11	5,187.76	5,042.32	145.45	35.668		
3,900.00	3,872.69	3,831.69	3,831.69	17.41	132.06	118.12	-292.76	4,990.11	5,194.15	5,044.81	149.34	34.780		
4,000.00	3,971.77	3,930.77	3,930.77	17.85	135.52	118.25	-292.76	4,990.11	5,200.56	5,047.32	153.24	33.938		
4,100.00	4,070.86	4,029.86	4,029.86	18.29	138.98	118.38	-292.76	4,990.11	5,207.00	5,049.87	157.13	33.137		
4,200.00	4,169.95	4,128.95	4,128.95	18.74	142.43	118.51	-292.76	4,990.11	5,213.47	5,052.44	161.03	32.375		
4,300.00	4,269.03	4,228.03	4,228.03	19.18	145.89	118.63	-292.76	4,990.11	5,219.97	5,055.04	164.93	31.650		
4,400.00	4,368.12	4,327.12	4,327.12	19.63	149.35	118.76	-292.76	4,990.11	5,226.49	5,057.66	168.83	30.957		
4,500.00	4,467.21	4,426.21	4,426.21	20.07	152.81	118.89	-292.76	4,990.11	5,233.04	5,060.31	172.73	30.297		
4,600.00	4,566.29	4,525.29	4,525.29	20.52	156.27	119.02	-292.76	4,990.11	5,239.61	5,062.98	176.63	29.665		
4,700.00	4,665.38	4,624.38	4,624.38	20.96	159.73	119.15	-292.76	4,990.11	5,246.21	5,065.69	180.52	29.061		
4,800.00	4,764.47	4,723.47	4,723.47	21.41	163.18	119.28	-292.76	4,990.11	5,252.84	5,068.41	184.42	28.482		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - L&L PARTNERSHIP #22-8 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
4,900.00	4,863.55	4,822.55	4,822.55	21.85	166.64	119.40	-292.76	4,990.11	5,259.49	5,071.17	188.32	27.928					
5,000.00	4,962.64	4,921.64	4,921.64	22.30	170.10	119.53	-292.76	4,990.11	5,266.17	5,073.95	192.22	27.396					
5,100.00	5,061.73	5,020.73	5,020.73	22.74	173.56	119.66	-292.76	4,990.11	5,272.88	5,076.75	196.12	26.885					
5,200.00	5,160.81	5,119.81	5,119.81	23.19	177.02	119.78	-292.76	4,990.11	5,279.61	5,079.58	200.02	26.395					
5,300.00	5,259.90	5,218.90	5,218.90	23.64	180.48	119.91	-292.76	4,990.11	5,286.37	5,082.44	203.93	25.923					
5,400.00	5,358.99	5,317.99	5,317.99	24.08	183.93	120.03	-292.76	4,990.11	5,293.15	5,085.32	207.83	25.469					
5,500.00	5,458.07	5,417.07	5,417.07	24.53	187.39	120.16	-292.76	4,990.11	5,299.96	5,088.23	211.73	25.032					
5,600.00	5,557.16	5,516.16	5,516.16	24.98	190.85	120.28	-292.76	4,990.11	5,306.79	5,091.16	215.63	24.611					
5,700.00	5,656.25	5,615.25	5,615.25	25.42	194.31	120.41	-292.76	4,990.11	5,313.65	5,094.12	219.53	24.205					
5,800.00	5,755.33	5,714.33	5,714.33	25.87	197.77	120.53	-292.76	4,990.11	5,320.54	5,097.11	223.43	23.813					
5,900.00	5,854.42	5,813.42	5,813.42	26.32	201.23	120.66	-292.76	4,990.11	5,327.45	5,100.12	227.33	23.435					
6,000.00	5,953.51	5,912.51	5,912.51	26.77	204.69	120.78	-292.76	4,990.11	5,334.38	5,103.15	231.24	23.069					
6,100.00	6,052.59	6,011.59	6,011.59	27.21	208.15	120.91	-292.76	4,990.11	5,341.34	5,106.21	235.14	22.716					
6,200.00	6,151.68	6,110.68	6,110.68	27.66	211.60	121.03	-292.76	4,990.11	5,348.33	5,109.29	239.04	22.374					
6,300.00	6,250.76	6,209.76	6,209.76	28.11	215.06	121.15	-292.76	4,990.11	5,355.34	5,112.40	242.94	22.044					
6,400.00	6,349.85	6,308.85	6,308.85	28.56	218.52	121.27	-292.76	4,990.11	5,362.38	5,115.53	246.84	21.724					
6,500.00	6,448.94	6,407.94	6,407.94	29.01	221.98	121.40	-292.76	4,990.11	5,369.44	5,118.69	250.75	21.414					
6,589.36	6,537.48	6,503.52	6,496.48	29.41	225.32	121.50	-292.76	4,990.11	5,375.76	5,121.28	254.48	21.124					
6,600.00	6,548.03	6,507.03	6,507.03	29.45	225.44	114.65	-292.76	4,990.11	5,376.43	5,121.78	254.65	21.113					
6,650.00	6,597.61	6,556.61	6,556.61	29.67	227.17	80.57	-292.76	4,990.11	5,377.24	5,120.64	256.60	20.956					
6,700.00	6,647.01	6,606.01	6,606.01	29.89	228.89	56.55	-292.76	4,990.11	5,374.20	5,115.67	258.53	20.787					
6,750.00	6,695.92	6,654.92	6,654.92	30.10	230.60	43.49	-292.76	4,990.11	5,367.35	5,106.90	260.45	20.608					
6,800.00	6,744.04	6,703.04	6,703.04	30.31	232.28	36.21	-292.76	4,990.11	5,356.72	5,094.40	262.32	20.420					
6,850.00	6,791.07	6,750.07	6,750.07	30.51	233.92	31.88	-292.76	4,990.11	5,342.38	5,078.23	264.15	20.225					
6,900.00	6,836.72	6,804.28	6,795.72	30.71	235.82	29.21	-292.76	4,990.11	5,324.43	5,058.21	266.21	20.001					
6,950.00	6,880.71	6,839.71	6,839.71	30.90	237.05	27.57	-292.76	4,990.11	5,302.97	5,035.36	267.61	19.816					
7,000.00	6,922.77	6,881.77	6,881.77	31.08	238.52	26.66	-292.76	4,990.11	5,278.15	5,008.92	269.23	19.604					
7,050.00	6,962.63	6,921.63	6,921.63	31.27	239.91	26.31	-292.76	4,990.11	5,250.12	4,979.35	270.76	19.390					
7,100.00	7,000.07	6,959.07	6,959.07	31.44	241.22	26.43	-292.76	4,990.11	5,219.05	4,946.85	272.19	19.174					
7,150.00	7,034.83	7,006.17	6,993.83	31.62	242.86	27.02	-292.76	4,990.11	5,185.14	4,911.19	273.95	18.927					
7,200.00	7,066.72	7,025.72	7,025.72	31.79	243.54	28.09	-292.76	4,990.11	5,148.60	4,873.87	274.73	18.740					
7,250.00	7,095.52	7,054.52	7,054.52	31.96	244.55	29.71	-292.76	4,990.11	5,109.66	4,833.83	275.83	18.525					
7,300.00	7,121.07	7,080.07	7,080.07	32.13	245.44	32.02	-292.76	4,990.11	5,068.56	4,791.76	276.80	18.311					
7,350.00	7,143.21	7,102.21	7,102.21	32.30	246.21	35.22	-292.76	4,990.11	5,025.55	4,747.91	277.64	18.101					
7,400.00	7,161.80	7,120.80	7,120.80	32.47	246.86	39.65	-292.76	4,990.11	4,980.89	4,702.55	278.35	17.895					
7,450.00	7,176.72	7,135.72	7,135.72	32.64	247.38	45.85	-292.76	4,990.11	4,934.88	4,655.96	278.92	17.693					
7,500.00	7,187.89	7,146.89	7,146.89	32.82	247.77	54.59	-292.76	4,990.11	4,887.78	4,608.43	279.35	17.497					
7,550.00	7,195.23	7,154.23	7,154.23	32.99	248.03	66.79	-292.76	4,990.11	4,839.88	4,560.24	279.65	17.307					
7,600.00	7,198.70	7,157.70	7,157.70	33.17	248.15	82.88	-292.76	4,990.11	4,791.49	4,511.68	279.80	17.124					
7,622.60	7,199.00	7,158.00	7,158.00	33.25	248.16	91.10	-292.76	4,990.11	4,769.53	4,489.70	279.83	17.044					
7,700.00	7,198.64	7,157.64	7,157.64	33.54	248.15	91.09	-292.76	4,990.11	4,694.32	4,414.44	279.87	16.773					
7,800.00	7,198.17	7,157.17	7,157.17	33.98	248.13	91.06	-292.76	4,990.11	4,597.25	4,317.32	279.94	16.422					
7,900.00	7,197.71	7,156.71	7,156.71	34.47	248.12	91.04	-292.76	4,990.11	4,500.32	4,220.31	280.01	16.072					
8,000.00	7,197.24	7,156.24	7,156.24	35.03	248.10	91.01	-292.76	4,990.11	4,403.52	4,123.43	280.09	15.722					
8,100.00	7,196.78	7,155.78	7,155.78	35.64	248.08	90.99	-292.76	4,990.11	4,306.87	4,026.68	280.19	15.371					
8,200.00	7,196.31	7,155.31	7,155.31	36.30	248.07	90.97	-292.76	4,990.11	4,210.37	3,930.08	280.30	15.021					
8,300.00	7,195.85	7,154.85	7,154.85	37.01	248.05	90.94	-292.76	4,990.11	4,114.05	3,833.63	280.42	14.671					
8,400.00	7,195.38	7,154.38	7,154.38	37.77	248.04	90.92	-292.76	4,990.11	4,017.90	3,737.35	280.55	14.321					
8,500.00	7,194.92	7,153.92	7,153.92	38.57	248.02	90.90	-292.76	4,990.11	3,921.94	3,641.24	280.70	13.972					
8,600.00	7,194.46	7,153.46	7,153.46	39.41	248.00	90.87	-292.76	4,990.11	3,826.19	3,545.32	280.87	13.622					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,193.99	7,152.99	7,152.99	40.30	247.99	90.85	-292.76	4,990.11	3,730.67	3,449.60	281.06	13.273		
8,800.00	7,193.53	7,152.53	7,152.53	41.22	247.97	90.82	-292.76	4,990.11	3,635.38	3,354.11	281.27	12.925		
8,900.00	7,193.06	7,152.06	7,152.06	42.17	247.96	90.80	-292.76	4,990.11	3,540.36	3,258.85	281.51	12.576		
9,000.00	7,192.60	7,151.60	7,151.60	43.16	247.94	90.78	-292.76	4,990.11	3,445.61	3,163.84	281.77	12.228		
9,100.00	7,192.13	7,151.13	7,151.13	44.17	247.92	90.75	-292.76	4,990.11	3,351.17	3,069.11	282.06	11.881		
9,200.00	7,191.67	7,150.67	7,150.67	45.22	247.91	90.73	-292.76	4,990.11	3,257.07	2,974.69	282.38	11.534		
9,300.00	7,191.20	7,150.20	7,150.20	46.29	247.89	90.71	-292.76	4,990.11	3,163.32	2,880.58	282.74	11.188		
9,400.00	7,190.74	7,149.74	7,149.74	47.38	247.87	90.68	-292.76	4,990.11	3,069.97	2,786.84	283.13	10.843		
9,500.00	7,190.27	7,149.27	7,149.27	48.50	247.86	90.66	-292.76	4,990.11	2,977.05	2,693.48	283.57	10.498		
9,600.00	7,189.81	7,148.81	7,148.81	49.64	247.84	90.63	-292.76	4,990.11	2,884.61	2,600.55	284.06	10.155		
9,700.00	7,189.34	7,148.34	7,148.34	50.80	247.83	90.61	-292.76	4,990.11	2,792.68	2,508.08	284.60	9.813		
9,800.00	7,188.88	7,147.88	7,147.88	51.98	247.81	90.59	-292.76	4,990.11	2,701.33	2,416.13	285.21	9.472		
9,900.00	7,188.41	7,147.41	7,147.41	53.17	247.79	90.56	-292.76	4,990.11	2,610.62	2,324.74	285.87	9.132		
10,000.00	7,187.95	7,146.95	7,146.95	54.38	247.78	90.54	-292.76	4,990.11	2,520.60	2,233.99	286.61	8.794		
10,100.00	7,187.49	7,146.49	7,146.49	55.61	247.76	90.51	-292.76	4,990.11	2,431.37	2,143.94	287.43	8.459		
10,200.00	7,187.02	7,146.02	7,146.02	56.85	247.74	90.49	-292.76	4,990.11	2,343.00	2,054.66	288.34	8.126		
10,300.00	7,186.56	7,145.56	7,145.56	58.10	247.73	90.47	-292.76	4,990.11	2,255.61	1,966.26	289.35	7.795		
10,400.00	7,186.09	7,145.09	7,145.09	59.37	247.71	90.44	-292.76	4,990.11	2,169.31	1,878.84	290.47	7.468		
10,500.00	7,185.63	7,144.63	7,144.63	60.64	247.70	90.42	-292.76	4,990.11	2,084.23	1,792.52	291.71	7.145		
10,600.00	7,185.16	7,144.16	7,144.16	61.93	247.68	90.40	-292.76	4,990.11	2,000.53	1,707.45	293.08	6.826		
10,700.00	7,184.70	7,143.70	7,143.70	63.23	247.66	90.37	-292.76	4,990.11	1,918.40	1,623.80	294.60	6.512		
10,800.00	7,184.23	7,143.23	7,143.23	64.54	247.65	90.35	-292.76	4,990.11	1,838.03	1,541.77	296.27	6.204		
10,900.00	7,183.77	7,142.77	7,142.77	65.85	247.63	90.32	-292.76	4,990.11	1,759.68	1,461.58	298.10	5.903		
11,000.00	7,183.30	7,142.30	7,142.30	67.18	247.61	90.30	-292.76	4,990.11	1,683.62	1,383.51	300.12	5.610		
11,100.00	7,182.84	7,141.84	7,141.84	68.51	247.60	90.28	-292.76	4,990.11	1,610.19	1,307.88	302.31	5.326		
11,200.00	7,182.37	7,141.37	7,141.37	69.85	247.58	90.25	-292.76	4,990.11	1,539.75	1,235.05	304.69	5.053		
11,300.00	7,181.91	7,140.91	7,140.91	71.20	247.57	90.23	-292.76	4,990.11	1,472.73	1,165.47	307.25	4.793		
11,400.00	7,181.45	7,140.45	7,140.45	72.56	247.55	90.20	-292.76	4,990.11	1,409.62	1,099.64	309.98	4.547		
11,500.00	7,180.98	7,139.98	7,139.98	73.92	247.53	90.18	-292.76	4,990.11	1,350.98	1,038.13	312.85	4.318		
11,600.00	7,180.52	7,139.52	7,139.52	75.29	247.52	90.16	-292.76	4,990.11	1,297.41	981.59	315.81	4.108		
11,700.00	7,180.05	7,139.05	7,139.05	76.66	247.50	90.13	-292.76	4,990.11	1,249.55	930.74	318.81	3.919		
11,800.00	7,179.59	7,138.59	7,138.59	78.04	247.48	90.11	-292.76	4,990.11	1,208.09	886.32	321.77	3.755		
11,900.00	7,179.12	7,138.12	7,138.12	79.42	247.47	90.09	-292.76	4,990.11	1,173.71	849.13	324.57	3.616		
12,000.00	7,178.66	7,137.66	7,137.66	80.81	247.45	90.06	-292.76	4,990.11	1,147.04	819.92	327.13	3.506		
12,100.00	7,178.19	7,137.19	7,137.19	82.20	247.44	90.04	-292.76	4,990.11	1,128.63	799.33	329.31	3.427		
12,200.00	7,177.73	7,136.73	7,136.73	83.60	247.42	90.01	-292.76	4,990.11	1,118.89	787.88	331.02	3.380		
12,259.46	7,177.45	7,136.45	7,136.45	84.43	247.41	90.00	-292.76	4,990.11	1,117.31	785.53	331.78	3.368 CC, ES		
12,300.00	7,177.26	7,136.26	7,136.26	85.00	247.40	89.99	-292.76	4,990.11	1,118.05	785.86	332.18	3.366 SF		
12,400.00	7,176.80	7,135.80	7,135.80	86.41	247.39	89.97	-292.76	4,990.11	1,126.12	793.34	332.77	3.384		
12,500.00	7,176.33	7,135.33	7,135.33	87.82	247.37	89.94	-292.76	4,990.11	1,142.91	810.11	332.80	3.434		
12,600.00	7,175.87	7,134.87	7,134.87	89.23	247.36	89.92	-292.76	4,990.11	1,168.05	835.75	332.30	3.515		
12,700.00	7,175.40	7,134.40	7,134.40	90.65	247.34	89.90	-292.76	4,990.11	1,201.02	869.66	331.36	3.625		
12,800.00	7,174.94	7,133.94	7,133.94	92.07	247.32	89.87	-292.76	4,990.11	1,241.19	911.13	330.06	3.760		
12,900.00	7,174.48	7,133.48	7,133.48	93.49	247.31	89.85	-292.76	4,990.11	1,287.89	959.38	328.51	3.920		
13,000.00	7,174.01	7,133.01	7,133.01	94.91	247.29	89.82	-292.76	4,990.11	1,340.44	1,013.65	326.79	4.102		
13,100.00	7,173.55	7,132.55	7,132.55	96.34	247.27	89.80	-292.76	4,990.11	1,398.17	1,073.20	324.97	4.302		
13,200.00	7,173.08	7,132.08	7,132.08	97.77	247.26	89.78	-292.76	4,990.11	1,460.47	1,137.36	323.11	4.520		
13,300.00	7,172.62	7,131.62	7,131.62	99.21	247.24	89.75	-292.76	4,990.11	1,526.79	1,205.53	321.26	4.752		
13,400.00	7,172.15	7,131.15	7,131.15	100.64	247.23	89.73	-292.76	4,990.11	1,596.62	1,277.16	319.45	4.998		
13,500.00	7,171.69	7,130.69	7,130.69	102.08	247.21	89.70	-292.76	4,990.11	1,669.52	1,351.80	317.71	5.255		
13,600.00	7,171.22	7,130.22	7,130.22	103.52	247.19	89.68	-292.76	4,990.11	1,745.11	1,429.05	316.05	5.522		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	7,129.76	7,129.76	104.97	247.18	89.66	-292.76	4,990.11	1,823.05	1,508.57	314.48	5.797		
13,800.00	7,170.29	7,129.29	7,129.29	106.41	247.16	89.63	-292.76	4,990.11	1,903.05	1,590.06	312.99	6.080		
13,900.00	7,169.83	7,128.83	7,128.83	107.86	247.14	89.61	-292.76	4,990.11	1,984.87	1,673.27	311.60	6.370		
14,000.00	7,169.36	7,128.36	7,128.36	109.31	247.13	89.59	-292.76	4,990.11	2,068.28	1,757.99	310.30	6.666		
14,100.00	7,168.90	7,127.90	7,127.90	110.76	247.11	89.56	-292.76	4,990.11	2,153.11	1,844.03	309.08	6.966		
14,200.00	7,168.44	7,127.44	7,127.44	112.21	247.10	89.54	-292.76	4,990.11	2,239.20	1,931.25	307.95	7.271		
14,300.00	7,167.97	7,126.97	7,126.97	113.67	247.08	89.51	-292.76	4,990.11	2,326.39	2,019.50	306.89	7.581		
14,400.00	7,167.51	7,126.51	7,126.51	115.12	247.06	89.49	-292.76	4,990.11	2,414.58	2,108.68	305.90	7.893		
14,500.00	7,167.04	7,126.04	7,126.04	116.58	247.05	89.47	-292.76	4,990.11	2,503.66	2,198.67	304.99	8.209		
14,600.00	7,166.58	7,125.58	7,125.58	118.04	247.03	89.44	-292.76	4,990.11	2,593.53	2,289.39	304.13	8.528		
14,700.00	7,166.11	7,125.11	7,125.11	119.50	247.01	89.42	-292.76	4,990.11	2,684.12	2,380.78	303.34	8.849		
14,800.00	7,165.65	7,124.65	7,124.65	120.97	247.00	89.39	-292.76	4,990.11	2,775.35	2,472.75	302.60	9.172		
14,900.00	7,165.18	7,124.18	7,124.18	122.43	246.98	89.37	-292.76	4,990.11	2,867.17	2,565.26	301.91	9.497		
15,000.00	7,164.72	7,123.72	7,123.72	123.90	246.97	89.35	-292.76	4,990.11	2,959.52	2,658.26	301.27	9.824		
15,100.00	7,164.25	7,123.25	7,123.25	125.36	246.95	89.32	-292.76	4,990.11	3,052.36	2,751.69	300.67	10.152		
15,200.00	7,163.79	7,122.79	7,122.79	126.83	246.93	89.30	-292.76	4,990.11	3,145.63	2,845.52	300.11	10.482		
15,300.00	7,163.32	7,122.32	7,122.32	128.30	246.92	89.28	-292.76	4,990.11	3,239.30	2,939.72	299.58	10.813		
15,400.00	7,162.86	7,121.86	7,121.86	129.77	246.90	89.25	-292.76	4,990.11	3,333.34	3,034.24	299.10	11.145		
15,500.00	7,162.39	7,121.39	7,121.39	131.24	246.88	89.23	-292.76	4,990.11	3,427.72	3,129.08	298.64	11.478		
15,600.00	7,161.93	7,120.93	7,120.93	132.71	246.87	89.20	-292.76	4,990.11	3,522.41	3,224.19	298.21	11.812		
15,700.00	7,161.47	7,120.47	7,120.47	134.19	246.85	89.18	-292.76	4,990.11	3,617.38	3,319.56	297.82	12.146		
15,800.00	7,161.00	7,120.00	7,120.00	135.66	246.84	89.16	-292.76	4,990.11	3,712.62	3,415.18	297.44	12.482		
15,900.00	7,160.54	7,119.54	7,119.54	137.14	246.82	89.13	-292.76	4,990.11	3,808.10	3,511.01	297.09	12.818		
16,000.00	7,160.07	7,119.07	7,119.07	138.61	246.80	89.11	-292.76	4,990.11	3,903.81	3,607.04	296.77	13.154		
16,100.00	7,159.61	7,118.61	7,118.61	140.09	246.79	89.09	-292.76	4,990.11	3,999.73	3,703.27	296.46	13.492		
16,200.00	7,159.14	7,118.14	7,118.14	141.57	246.77	89.06	-292.76	4,990.11	4,095.84	3,799.66	296.17	13.829		
16,300.00	7,158.68	7,117.68	7,117.68	143.05	246.75	89.04	-292.76	4,990.11	4,192.13	3,896.23	295.91	14.167		
16,400.00	7,158.21	7,117.21	7,117.21	144.53	246.74	89.01	-292.76	4,990.11	4,288.60	3,992.94	295.66	14.505		
16,500.00	7,157.75	7,116.75	7,116.75	146.01	246.72	88.99	-292.76	4,990.11	4,385.22	4,089.80	295.42	14.844		
16,600.00	7,157.28	7,116.28	7,116.28	147.49	246.71	88.97	-292.76	4,990.11	4,481.99	4,186.79	295.20	15.183		
16,700.00	7,156.82	7,115.82	7,115.82	148.97	246.69	88.94	-292.76	4,990.11	4,578.90	4,283.91	294.99	15.522		
16,800.00	7,156.35	7,115.35	7,115.35	150.45	246.67	88.92	-292.76	4,990.11	4,675.94	4,381.14	294.80	15.861		
16,900.00	7,155.89	7,114.89	7,114.89	151.94	246.66	88.89	-292.76	4,990.11	4,773.10	4,478.48	294.62	16.201		
17,000.00	7,155.43	7,114.43	7,114.43	153.42	246.64	88.87	-292.76	4,990.11	4,870.38	4,575.93	294.45	16.540		
17,100.00	7,154.96	7,113.96	7,113.96	154.90	246.63	88.85	-292.76	4,990.11	4,967.77	4,673.47	294.30	16.880		
17,200.00	7,154.50	7,113.50	7,113.50	156.39	246.61	88.82	-292.76	4,990.11	5,065.25	4,771.10	294.15	17.220		
17,300.00	7,154.03	7,113.03	7,113.03	157.88	246.59	88.80	-292.76	4,990.11	5,162.84	4,868.82	294.01	17.560		
17,400.00	7,153.57	7,112.57	7,112.57	159.36	246.58	88.78	-292.76	4,990.11	5,260.51	4,966.62	293.89	17.900		
17,500.00	7,153.10	7,112.10	7,112.10	160.85	246.56	88.75	-292.76	4,990.11	5,358.27	5,064.50	293.77	18.240		
17,600.00	7,152.64	7,111.64	7,111.64	162.34	246.54	88.73	-292.76	4,990.11	5,456.11	5,162.45	293.66	18.580		
17,700.00	7,152.17	7,111.17	7,111.17	163.83	246.53	88.70	-292.76	4,990.11	5,554.03	5,260.47	293.56	18.920		
17,737.15	7,152.00	7,111.00	7,111.00	164.38	246.52	88.70	-292.76	4,990.11	5,590.42	5,296.90	293.52	19.046		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	0.00	81.02	1,026.37	6,493.17	6,573.83					
100.00	100.00	76.00	76.00	3.28	1.33	81.02	1,026.37	6,493.17	6,573.79	6,569.17	4.61	1,425.747		
200.00	200.00	176.00	176.00	3.34	4.40	81.02	1,026.37	6,493.17	6,573.79	6,566.05	7.73	850.019		
300.00	300.00	276.00	276.00	3.44	7.89	81.02	1,026.37	6,493.17	6,573.79	6,562.45	11.33	580.147		
400.00	400.00	376.00	376.00	3.60	11.38	81.02	1,026.37	6,493.17	6,573.79	6,558.81	14.98	438.853		
500.00	499.99	475.99	475.99	3.80	14.87	141.02	1,026.37	6,493.17	6,574.46	6,555.79	18.67	352.151		
600.00	599.96	575.96	575.96	4.03	18.36	141.02	1,026.37	6,493.17	6,576.50	6,554.10	22.39	293.669		
700.00	699.86	675.86	675.86	4.30	21.85	141.02	1,026.37	6,493.17	6,579.89	6,553.74	26.15	251.630		
790.00	789.74	765.74	765.74	4.57	24.99	141.05	1,026.37	6,493.17	6,583.56	6,554.01	29.55	222.796		
800.00	799.73	775.73	775.73	4.60	25.34	137.91	1,026.37	6,493.17	6,583.96	6,554.03	29.93	219.989		
900.00	899.50	875.50	875.50	4.92	28.82	116.79	1,026.37	6,493.17	6,587.77	6,554.04	33.73	195.327		
1,000.00	999.05	975.05	975.05	5.26	32.29	106.60	1,026.37	6,493.17	6,591.14	6,553.61	37.53	175.600		
1,077.14	1,075.61	1,051.61	1,051.61	5.53	34.97	102.03	1,026.37	6,493.17	6,593.46	6,552.98	40.47	162.905		
1,100.00	1,098.26	1,074.26	1,074.26	5.61	35.76	102.06	1,026.37	6,493.17	6,594.11	6,552.76	41.35	159.488		
1,200.00	1,197.35	1,173.35	1,173.35	5.98	39.22	102.17	1,026.37	6,493.17	6,596.96	6,551.80	45.17	146.064		
1,300.00	1,296.44	1,272.44	1,272.44	6.35	42.68	102.29	1,026.37	6,493.17	6,599.84	6,550.85	49.00	134.702		
1,400.00	1,395.52	1,371.52	1,371.52	6.73	46.13	102.40	1,026.37	6,493.17	6,602.75	6,549.92	52.84	124.968		
1,500.00	1,494.61	1,470.61	1,470.61	7.12	49.59	102.51	1,026.37	6,493.17	6,605.69	6,549.00	56.68	116.536		
1,600.00	1,593.70	1,569.70	1,569.70	7.52	53.05	102.63	1,026.37	6,493.17	6,608.65	6,548.11	60.54	109.166		
1,700.00	1,692.78	1,668.78	1,668.78	7.93	56.51	102.74	1,026.37	6,493.17	6,611.63	6,547.24	64.40	102.669		
1,800.00	1,791.87	1,767.87	1,767.87	8.33	59.97	102.85	1,026.37	6,493.17	6,614.65	6,546.38	68.26	96.901		
1,900.00	1,890.95	1,866.95	1,866.95	8.75	63.43	102.97	1,026.37	6,493.17	6,617.69	6,545.56	72.13	91.746		
2,000.00	1,990.04	1,966.04	1,966.04	9.16	66.89	103.08	1,026.37	6,493.17	6,620.75	6,544.75	76.00	87.112		
2,100.00	2,089.13	2,065.13	2,065.13	9.58	70.35	103.19	1,026.37	6,493.17	6,623.84	6,543.96	79.88	82.924		
2,200.00	2,188.21	2,164.21	2,164.21	10.01	73.81	103.30	1,026.37	6,493.17	6,626.96	6,543.20	83.76	79.122		
2,300.00	2,287.30	2,263.30	2,263.30	10.43	77.27	103.42	1,026.37	6,493.17	6,630.10	6,542.47	87.64	75.655		
2,400.00	2,386.39	2,362.39	2,362.39	10.86	80.73	103.53	1,026.37	6,493.17	6,633.27	6,541.75	91.52	72.480		
2,500.00	2,485.47	2,461.47	2,461.47	11.29	84.18	103.64	1,026.37	6,493.17	6,636.47	6,541.06	95.40	69.563		
2,600.00	2,584.56	2,560.56	2,560.56	11.72	87.64	103.75	1,026.37	6,493.17	6,639.69	6,540.40	99.29	66.873		
2,700.00	2,683.65	2,659.65	2,659.65	12.15	91.10	103.87	1,026.37	6,493.17	6,642.93	6,539.76	103.18	64.384		
2,800.00	2,782.73	2,758.73	2,758.73	12.58	94.56	103.98	1,026.37	6,493.17	6,646.21	6,539.14	107.06	62.077		
2,900.00	2,881.82	2,857.82	2,857.82	13.02	98.02	104.09	1,026.37	6,493.17	6,649.50	6,538.55	110.95	59.930		
3,000.00	2,980.91	2,956.91	2,956.91	13.45	101.48	104.20	1,026.37	6,493.17	6,652.83	6,537.98	114.85	57.929		
3,100.00	3,079.99	3,055.99	3,055.99	13.89	104.94	104.31	1,026.37	6,493.17	6,656.18	6,537.44	118.74	56.058		
3,200.00	3,179.08	3,155.08	3,155.08	14.33	108.40	104.42	1,026.37	6,493.17	6,659.55	6,536.92	122.63	54.306		
3,300.00	3,278.17	3,254.17	3,254.17	14.76	111.86	104.53	1,026.37	6,493.17	6,662.95	6,536.43	126.52	52.662		
3,400.00	3,377.25	3,353.25	3,353.25	15.20	115.32	104.65	1,026.37	6,493.17	6,666.38	6,535.96	130.42	51.116		
3,500.00	3,476.34	3,452.34	3,452.34	15.64	118.78	104.76	1,026.37	6,493.17	6,669.83	6,535.52	134.31	49.659		
3,600.00	3,575.43	3,551.43	3,551.43	16.08	122.24	104.87	1,026.37	6,493.17	6,673.31	6,535.10	138.21	48.284		
3,700.00	3,674.51	3,650.51	3,650.51	16.53	125.69	104.98	1,026.37	6,493.17	6,676.81	6,534.71	142.10	46.985		
3,800.00	3,773.60	3,749.60	3,749.60	16.97	129.15	105.09	1,026.37	6,493.17	6,680.34	6,534.34	146.00	45.755		
3,900.00	3,872.69	3,848.69	3,848.69	17.41	132.61	105.20	1,026.37	6,493.17	6,683.89	6,534.00	149.90	44.590		
4,000.00	3,971.77	3,947.77	3,947.77	17.85	136.07	105.31	1,026.37	6,493.17	6,687.47	6,533.68	153.80	43.483		
4,100.00	4,070.86	4,046.86	4,046.86	18.29	139.53	105.42	1,026.37	6,493.17	6,691.08	6,533.38	157.69	42.431		
4,200.00	4,169.95	4,145.95	4,145.95	18.74	142.99	105.53	1,026.37	6,493.17	6,694.71	6,533.11	161.59	41.430		
4,300.00	4,269.03	4,245.03	4,245.03	19.18	146.45	105.64	1,026.37	6,493.17	6,698.36	6,532.87	165.49	40.476		
4,400.00	4,368.12	4,344.12	4,344.12	19.63	149.91	105.75	1,026.37	6,493.17	6,702.04	6,532.65	169.39	39.566		
4,500.00	4,467.21	4,443.21	4,443.21	20.07	153.37	105.86	1,026.37	6,493.17	6,705.74	6,532.46	173.29	38.697		
4,600.00	4,566.29	4,542.29	4,542.29	20.52	156.83	105.97	1,026.37	6,493.17	6,709.47	6,532.29	177.19	37.866		
4,700.00	4,665.38	4,641.38	4,641.38	20.96	160.29	106.08	1,026.37	6,493.17	6,713.23	6,532.14	181.09	37.072		
4,800.00	4,764.47	4,740.47	4,740.47	21.41	163.74	106.19	1,026.37	6,493.17	6,717.01	6,532.02	184.99	36.310		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma														Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,900.00	4,863.55	4,839.55	4,839.55	21.85	167.20	106.30	1,026.37	6,493.17	6,720.81	6,531.92	188.89	35.581			
5,000.00	4,962.64	4,938.64	4,938.64	22.30	170.66	106.41	1,026.37	6,493.17	6,724.64	6,531.85	192.79	34.881			
5,100.00	5,061.73	5,037.73	5,037.73	22.74	174.12	106.52	1,026.37	6,493.17	6,728.50	6,531.81	196.69	34.209			
5,200.00	5,160.81	5,136.81	5,136.81	23.19	177.58	106.63	1,026.37	6,493.17	6,732.38	6,531.78	200.59	33.563			
5,300.00	5,259.90	5,235.90	5,235.90	23.64	181.04	106.74	1,026.37	6,493.17	6,736.28	6,531.79	204.49	32.941			
5,400.00	5,358.99	5,334.99	5,334.99	24.08	184.50	106.85	1,026.37	6,493.17	6,740.21	6,531.81	208.39	32.344			
5,500.00	5,458.07	5,434.07	5,434.07	24.53	187.96	106.95	1,026.37	6,493.17	6,744.16	6,531.87	212.30	31.768			
5,600.00	5,557.16	5,533.16	5,533.16	24.98	191.42	107.06	1,026.37	6,493.17	6,748.14	6,531.94	216.20	31.213			
5,700.00	5,656.25	5,632.25	5,632.25	25.42	194.88	107.17	1,026.37	6,493.17	6,752.14	6,532.04	220.10	30.678			
5,800.00	5,755.33	5,731.33	5,731.33	25.87	198.34	107.28	1,026.37	6,493.17	6,756.17	6,532.17	224.00	30.161			
5,900.00	5,854.42	5,830.42	5,830.42	26.32	201.79	107.39	1,026.37	6,493.17	6,760.22	6,532.32	227.90	29.663			
6,000.00	5,953.51	5,929.51	5,929.51	26.77	205.25	107.50	1,026.37	6,493.17	6,764.30	6,532.49	231.81	29.181			
6,100.00	6,052.59	6,028.59	6,028.59	27.21	208.71	107.60	1,026.37	6,493.17	6,768.40	6,532.69	235.71	28.715			
6,200.00	6,151.68	6,127.68	6,127.68	27.66	212.17	107.71	1,026.37	6,493.17	6,772.52	6,532.91	239.61	28.265			
6,300.00	6,250.76	6,226.76	6,226.76	28.11	215.63	107.82	1,026.37	6,493.17	6,776.67	6,533.16	243.51	27.829			
6,400.00	6,349.85	6,325.85	6,325.85	28.56	219.09	107.93	1,026.37	6,493.17	6,780.84	6,533.43	247.42	27.407			
6,500.00	6,448.94	6,424.94	6,424.94	29.01	222.55	108.04	1,026.37	6,493.17	6,785.04	6,533.72	251.32	26.998			
6,589.36	6,537.48	6,513.48	6,513.48	29.41	225.64	108.13	1,026.37	6,493.17	6,788.81	6,534.01	254.81	26.643			
6,600.00	6,548.03	6,524.03	6,524.03	29.45	226.01	101.28	1,026.37	6,493.17	6,789.17	6,533.95	255.22	26.601			
6,650.00	6,597.61	6,573.61	6,573.61	29.67	227.74	67.20	1,026.37	6,493.17	6,788.50	6,531.33	257.17	26.397			
6,700.00	6,647.01	6,623.01	6,623.01	29.89	229.46	43.10	1,026.37	6,493.17	6,783.91	6,524.80	259.11	26.182			
6,750.00	6,695.92	6,671.92	6,671.92	30.10	231.17	29.85	1,026.37	6,493.17	6,775.44	6,514.42	261.02	25.958			
6,800.00	6,744.04	6,720.04	6,720.04	30.31	232.85	22.29	1,026.37	6,493.17	6,763.14	6,500.24	262.89	25.726			
6,850.00	6,791.07	6,767.07	6,767.07	30.51	234.49	17.57	1,026.37	6,493.17	6,747.08	6,482.36	264.72	25.487			
6,900.00	6,836.72	6,812.72	6,812.72	30.71	236.09	14.39	1,026.37	6,493.17	6,727.37	6,460.88	266.49	25.244			
6,950.00	6,880.71	6,856.71	6,856.71	30.90	237.62	12.11	1,026.37	6,493.17	6,704.11	6,435.93	268.19	24.998			
7,000.00	6,922.77	6,901.24	6,898.77	31.08	239.18	10.40	1,026.37	6,493.17	6,677.47	6,407.58	269.89	24.741			
7,050.00	6,962.63	6,938.63	6,938.63	31.27	240.48	9.05	1,026.37	6,493.17	6,647.59	6,376.26	271.33	24.500			
7,100.00	7,000.07	6,976.07	6,976.07	31.44	241.79	7.94	1,026.37	6,493.17	6,614.66	6,341.91	272.76	24.251			
7,150.00	7,034.83	7,010.83	7,010.83	31.62	243.00	7.00	1,026.37	6,493.17	6,578.89	6,304.82	274.08	24.004			
7,200.00	7,066.72	7,042.72	7,042.72	31.79	244.12	6.16	1,026.37	6,493.17	6,540.50	6,265.22	275.28	23.759			
7,250.00	7,095.52	7,071.52	7,071.52	31.96	245.12	5.35	1,026.37	6,493.17	6,499.72	6,223.35	276.37	23.518			
7,300.00	7,121.07	7,102.93	7,097.07	32.13	246.22	4.53	1,026.37	6,493.17	6,456.79	6,179.26	277.53	23.265			
7,350.00	7,143.21	7,119.21	7,119.21	32.30	246.79	3.60	1,026.37	6,493.17	6,412.00	6,133.85	278.15	23.052			
7,400.00	7,161.80	7,137.80	7,137.80	32.47	247.44	2.43	1,026.37	6,493.17	6,365.60	6,086.77	278.84	22.829			
7,450.00	7,176.72	7,152.72	7,152.72	32.64	247.96	0.75	1,026.37	6,493.17	6,317.90	6,038.51	279.39	22.614			
7,500.00	7,187.89	7,163.89	7,163.89	32.82	248.35	-2.18	1,026.37	6,493.17	6,269.18	5,989.38	279.79	22.406			
7,550.00	7,195.23	7,171.23	7,171.23	32.99	248.60	-9.07	1,026.37	6,493.17	6,219.73	5,939.67	280.06	22.208			
7,600.00	7,198.70	7,174.70	7,174.70	33.17	248.72	-41.93	1,026.37	6,493.17	6,169.88	5,889.69	280.19	22.021			
7,622.60	7,199.00	7,175.00	7,175.00	33.25	248.73	-98.25	1,026.37	6,493.17	6,147.29	5,867.10	280.20	21.939			
7,700.00	7,198.64	7,174.64	7,174.64	33.54	248.72	-98.15	1,026.37	6,493.17	6,069.93	5,789.75	280.19	21.664			
7,800.00	7,198.17	7,174.17	7,174.17	33.98	248.71	-98.01	1,026.37	6,493.17	5,969.99	5,689.82	280.17	21.308			
7,900.00	7,197.71	7,173.71	7,173.71	34.47	248.69	-97.88	1,026.37	6,493.17	5,870.05	5,589.89	280.16	20.953			
8,000.00	7,197.24	7,173.24	7,173.24	35.03	248.67	-97.75	1,026.37	6,493.17	5,770.10	5,489.96	280.15	20.597			
8,100.00	7,196.78	7,172.78	7,172.78	35.64	248.66	-97.62	1,026.37	6,493.17	5,670.16	5,390.03	280.14	20.241			
8,200.00	7,196.31	7,172.31	7,172.31	36.30	248.64	-97.48	1,026.37	6,493.17	5,570.23	5,290.10	280.13	19.885			
8,300.00	7,195.85	7,171.85	7,171.85	37.01	248.62	-97.35	1,026.37	6,493.17	5,470.29	5,190.17	280.12	19.529			
8,400.00	7,195.38	7,171.38	7,171.38	37.77	248.61	-97.22	1,026.37	6,493.17	5,370.36	5,090.25	280.11	19.172			
8,500.00	7,194.92	7,170.92	7,170.92	38.57	248.59	-97.08	1,026.37	6,493.17	5,270.43	4,990.33	280.10	18.816			
8,600.00	7,194.46	7,170.46	7,170.46	39.41	248.58	-96.95	1,026.37	6,493.17	5,170.50	4,890.40	280.10	18.460			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,193.99	7,169.99	7,169.99	40.30	248.56	-96.82	1,026.37	6,493.17	5,070.58	4,790.48	280.09	18.103		
8,800.00	7,193.53	7,169.53	7,169.53	41.22	248.54	-96.68	1,026.37	6,493.17	4,970.65	4,690.56	280.09	17.747		
8,900.00	7,193.06	7,169.06	7,169.06	42.17	248.53	-96.55	1,026.37	6,493.17	4,870.73	4,590.65	280.09	17.390		
9,000.00	7,192.60	7,168.60	7,168.60	43.16	248.51	-96.42	1,026.37	6,493.17	4,770.82	4,490.73	280.09	17.033		
9,100.00	7,192.13	7,168.13	7,168.13	44.17	248.49	-96.28	1,026.37	6,493.17	4,670.91	4,390.82	280.09	16.677		
9,200.00	7,191.67	7,167.67	7,167.67	45.22	248.48	-96.15	1,026.37	6,493.17	4,571.00	4,290.91	280.09	16.320		
9,300.00	7,191.20	7,167.20	7,167.20	46.29	248.46	-96.02	1,026.37	6,493.17	4,471.10	4,191.01	280.09	15.963		
9,400.00	7,190.74	7,166.74	7,166.74	47.38	248.45	-95.88	1,026.37	6,493.17	4,371.20	4,091.10	280.09	15.606		
9,500.00	7,190.27	7,166.27	7,166.27	48.50	248.43	-95.75	1,026.37	6,493.17	4,271.30	3,991.20	280.10	15.249		
9,600.00	7,189.81	7,165.81	7,165.81	49.64	248.41	-95.61	1,026.37	6,493.17	4,171.41	3,891.31	280.10	14.892		
9,700.00	7,189.34	7,165.34	7,165.34	50.80	248.40	-95.48	1,026.37	6,493.17	4,071.53	3,791.41	280.11	14.535		
9,800.00	7,188.88	7,164.88	7,164.88	51.98	248.38	-95.35	1,026.37	6,493.17	3,971.65	3,691.53	280.12	14.178		
9,900.00	7,188.41	7,164.41	7,164.41	53.17	248.36	-95.21	1,026.37	6,493.17	3,871.77	3,591.64	280.13	13.821		
10,000.00	7,187.95	7,163.95	7,163.95	54.38	248.35	-95.08	1,026.37	6,493.17	3,771.91	3,491.77	280.14	13.464		
10,100.00	7,187.49	7,163.49	7,163.49	55.61	248.33	-94.94	1,026.37	6,493.17	3,672.05	3,391.90	280.15	13.107		
10,200.00	7,187.02	7,163.02	7,163.02	56.85	248.32	-94.81	1,026.37	6,493.17	3,572.20	3,292.03	280.17	12.750		
10,300.00	7,186.56	7,162.56	7,162.56	58.10	248.30	-94.68	1,026.37	6,493.17	3,472.36	3,192.17	280.18	12.393		
10,400.00	7,186.09	7,162.09	7,162.09	59.37	248.28	-94.54	1,026.37	6,493.17	3,372.52	3,092.32	280.20	12.036		
10,500.00	7,185.63	7,161.63	7,161.63	60.64	248.27	-94.41	1,026.37	6,493.17	3,272.70	2,992.48	280.22	11.679		
10,600.00	7,185.16	7,161.16	7,161.16	61.93	248.25	-94.27	1,026.37	6,493.17	3,172.89	2,892.64	280.24	11.322		
10,700.00	7,184.70	7,160.70	7,160.70	63.23	248.23	-94.14	1,026.37	6,493.17	3,073.09	2,792.82	280.27	10.965		
10,800.00	7,184.23	7,160.23	7,160.23	64.54	248.22	-94.00	1,026.37	6,493.17	2,973.30	2,693.01	280.30	10.608		
10,900.00	7,183.77	7,159.77	7,159.77	65.85	248.20	-93.87	1,026.37	6,493.17	2,873.53	2,593.21	280.32	10.251		
11,000.00	7,183.30	7,159.30	7,159.30	67.18	248.19	-93.73	1,026.37	6,493.17	2,773.77	2,493.42	280.36	9.894		
11,100.00	7,182.84	7,158.84	7,158.84	68.51	248.17	-93.60	1,026.37	6,493.17	2,674.04	2,393.64	280.39	9.537		
11,200.00	7,182.37	7,158.37	7,158.37	69.85	248.15	-93.47	1,026.37	6,493.17	2,574.32	2,293.89	280.43	9.180		
11,300.00	7,181.91	7,157.91	7,157.91	71.20	248.14	-93.33	1,026.37	6,493.17	2,474.63	2,194.15	280.48	8.823		
11,400.00	7,181.45	7,157.45	7,157.45	72.56	248.12	-93.20	1,026.37	6,493.17	2,374.96	2,094.43	280.53	8.466		
11,500.00	7,180.98	7,156.98	7,156.98	73.92	248.11	-93.06	1,026.37	6,493.17	2,275.32	1,994.73	280.59	8.109		
11,600.00	7,180.52	7,156.52	7,156.52	75.29	248.09	-92.93	1,026.37	6,493.17	2,175.71	1,895.06	280.65	7.752		
11,700.00	7,180.05	7,156.05	7,156.05	76.66	248.07	-92.79	1,026.37	6,493.17	2,076.14	1,795.42	280.73	7.396		
11,800.00	7,179.59	7,155.59	7,155.59	78.04	248.06	-92.66	1,026.37	6,493.17	1,976.62	1,695.80	280.81	7.039		
11,900.00	7,179.12	7,155.12	7,155.12	79.42	248.04	-92.52	1,026.37	6,493.17	1,877.14	1,596.23	280.92	6.682		
12,000.00	7,178.66	7,154.66	7,154.66	80.81	248.02	-92.39	1,026.37	6,493.17	1,777.73	1,496.69	281.03	6.326		
12,100.00	7,178.19	7,154.19	7,154.19	82.20	248.01	-92.25	1,026.37	6,493.17	1,678.38	1,397.20	281.18	5.969		
12,200.00	7,177.73	7,153.73	7,153.73	83.60	247.99	-92.12	1,026.37	6,493.17	1,579.12	1,297.77	281.35	5.613		
12,300.00	7,177.26	7,153.26	7,153.26	85.00	247.98	-91.98	1,026.37	6,493.17	1,479.95	1,198.39	281.56	5.256		
12,400.00	7,176.80	7,152.80	7,152.80	86.41	247.96	-91.85	1,026.37	6,493.17	1,380.90	1,099.09	281.81	4.900		
12,500.00	7,176.33	7,152.33	7,152.33	87.82	247.94	-91.71	1,026.37	6,493.17	1,282.01	999.87	282.14	4.544		
12,600.00	7,175.87	7,151.87	7,151.87	89.23	247.93	-91.58	1,026.37	6,493.17	1,183.30	900.75	282.55	4.188		
12,700.00	7,175.40	7,151.40	7,151.40	90.65	247.91	-91.44	1,026.37	6,493.17	1,084.82	801.73	283.09	3.832		
12,800.00	7,174.94	7,150.94	7,150.94	92.07	247.89	-91.31	1,026.37	6,493.17	986.65	702.85	283.79	3.477		
12,900.00	7,174.48	7,150.48	7,150.48	93.49	247.88	-91.17	1,026.37	6,493.17	888.89	604.13	284.75	3.122		
13,000.00	7,174.01	7,150.01	7,150.01	94.91	247.86	-91.04	1,026.37	6,493.17	791.68	505.60	286.08	2.767		
13,100.00	7,173.55	7,149.55	7,149.55	96.34	247.85	-90.90	1,026.37	6,493.17	695.27	407.29	287.98	2.414		
13,200.00	7,173.08	7,149.08	7,149.08	97.77	247.83	-90.77	1,026.37	6,493.17	600.04	309.29	290.75	2.064		
13,300.00	7,172.62	7,148.62	7,148.62	99.21	247.81	-90.63	1,026.37	6,493.17	506.64	211.70	294.94	1.718		
13,400.00	7,172.15	7,148.15	7,148.15	100.64	247.80	-90.50	1,026.37	6,493.17	416.33	114.86	301.46	1.381 Level 3		
13,500.00	7,171.69	7,147.69	7,147.69	102.08	247.78	-90.36	1,026.37	6,493.17	331.61	19.80	311.82	1.063 Level 2		
13,600.00	7,171.22	7,147.22	7,147.22	103.52	247.76	-90.23	1,026.37	6,493.17	258.08	-69.61	327.69	0.788 Level 1		
13,700.00	7,170.76	7,146.76	7,146.76	104.97	247.75	-90.09	1,026.37	6,493.17	207.96	-138.72	346.68	0.600 Level 1		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma														Offset Well Error:	0.00 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
13,766.80	7,170.45	7,146.45	7,146.45	105.93	247.74	-90.00	1,026.37	6,493.17	196.94	-156.68	353.62	0.557	Level 1, CC, ES, SF		
13,800.00	7,170.29	7,146.29	7,146.29	106.41	247.73	-89.96	1,026.37	6,493.17	199.72	-153.57	353.29	0.565	Level 1		
13,900.00	7,169.83	7,145.83	7,145.83	107.86	247.72	-89.82	1,026.37	6,493.17	237.75	-103.00	340.75	0.698	Level 1		
14,000.00	7,169.36	7,145.36	7,145.36	109.31	247.70	-89.68	1,026.37	6,493.17	305.23	-19.87	325.10	0.939	Level 1		
14,100.00	7,168.90	7,144.90	7,144.90	110.76	247.68	-89.55	1,026.37	6,493.17	387.04	73.42	313.62	1.234	Level 2		
14,200.00	7,168.44	7,144.44	7,144.44	112.21	247.67	-89.41	1,026.37	6,493.17	475.86	169.91	305.94	1.555			
14,300.00	7,167.97	7,143.97	7,143.97	113.67	247.65	-89.28	1,026.37	6,493.17	568.40	267.62	300.77	1.890			
14,400.00	7,167.51	7,143.51	7,143.51	115.12	247.63	-89.14	1,026.37	6,493.17	663.11	365.92	297.19	2.231			
14,500.00	7,167.04	7,143.04	7,143.04	116.58	247.62	-89.01	1,026.37	6,493.17	759.18	464.56	294.62	2.577			
14,600.00	7,166.58	7,142.58	7,142.58	118.04	247.60	-88.87	1,026.37	6,493.17	856.14	563.41	292.73	2.925			
14,700.00	7,166.11	7,142.11	7,142.11	119.50	247.59	-88.74	1,026.37	6,493.17	953.74	662.43	291.31	3.274			
14,800.00	7,165.65	7,141.65	7,141.65	120.97	247.57	-88.60	1,026.37	6,493.17	1,051.79	761.58	290.21	3.624			
14,900.00	7,165.18	7,141.18	7,141.18	122.43	247.55	-88.47	1,026.37	6,493.17	1,150.17	860.82	289.35	3.975			
15,000.00	7,164.72	7,140.72	7,140.72	123.90	247.54	-88.33	1,026.37	6,493.17	1,248.81	960.14	288.66	4.326			
15,100.00	7,164.25	7,140.25	7,140.25	125.36	247.52	-88.20	1,026.37	6,493.17	1,347.65	1,059.53	288.12	4.677			
15,200.00	7,163.79	7,139.79	7,139.79	126.83	247.51	-88.06	1,026.37	6,493.17	1,446.65	1,158.98	287.67	5.029			
15,300.00	7,163.32	7,139.32	7,139.32	128.30	247.49	-87.93	1,026.37	6,493.17	1,545.78	1,258.47	287.30	5.380			
15,400.00	7,162.86	7,138.86	7,138.86	129.77	247.47	-87.79	1,026.37	6,493.17	1,645.01	1,358.01	287.00	5.732			
15,500.00	7,162.39	7,138.39	7,138.39	131.24	247.46	-87.66	1,026.37	6,493.17	1,744.33	1,457.58	286.75	6.083			
15,600.00	7,161.93	7,137.93	7,137.93	132.71	247.44	-87.52	1,026.37	6,493.17	1,843.72	1,557.18	286.55	6.434			
15,700.00	7,161.47	7,137.47	7,137.47	134.19	247.42	-87.39	1,026.37	6,493.17	1,943.18	1,656.80	286.38	6.785			
15,800.00	7,161.00	7,137.00	7,137.00	135.66	247.41	-87.25	1,026.37	6,493.17	2,042.69	1,756.45	286.24	7.136			
15,900.00	7,160.54	7,136.54	7,136.54	137.14	247.39	-87.12	1,026.37	6,493.17	2,142.24	1,856.12	286.12	7.487			
16,000.00	7,160.07	7,136.07	7,136.07	138.61	247.38	-86.98	1,026.37	6,493.17	2,241.84	1,955.81	286.03	7.838			
16,100.00	7,159.61	7,135.61	7,135.61	140.09	247.36	-86.85	1,026.37	6,493.17	2,341.47	2,055.52	285.95	8.188			
16,200.00	7,159.14	7,135.14	7,135.14	141.57	247.34	-86.71	1,026.37	6,493.17	2,441.13	2,155.24	285.89	8.539			
16,300.00	7,158.68	7,134.68	7,134.68	143.05	247.33	-86.58	1,026.37	6,493.17	2,540.81	2,254.97	285.84	8.889			
16,400.00	7,158.21	7,134.21	7,134.21	144.53	247.31	-86.45	1,026.37	6,493.17	2,640.52	2,354.71	285.81	9.239			
16,500.00	7,157.75	7,133.75	7,133.75	146.01	247.29	-86.31	1,026.37	6,493.17	2,740.25	2,454.47	285.78	9.589			
16,600.00	7,157.28	7,133.28	7,133.28	147.49	247.28	-86.18	1,026.37	6,493.17	2,840.00	2,554.23	285.77	9.938			
16,700.00	7,156.82	7,132.82	7,132.82	148.97	247.26	-86.04	1,026.37	6,493.17	2,939.77	2,654.00	285.76	10.287			
16,800.00	7,156.35	7,132.35	7,132.35	150.45	247.25	-85.91	1,026.37	6,493.17	3,039.55	2,753.79	285.76	10.637			
16,900.00	7,155.89	7,131.89	7,131.89	151.94	247.23	-85.77	1,026.37	6,493.17	3,139.35	2,853.57	285.77	10.986			
17,000.00	7,155.43	7,131.43	7,131.43	153.42	247.21	-85.64	1,026.37	6,493.17	3,239.15	2,953.37	285.79	11.334			
17,100.00	7,154.96	7,130.96	7,130.96	154.90	247.20	-85.50	1,026.37	6,493.17	3,338.97	3,053.17	285.80	11.683			
17,200.00	7,154.50	7,130.50	7,130.50	156.39	247.18	-85.37	1,026.37	6,493.17	3,438.80	3,152.97	285.83	12.031			
17,300.00	7,154.03	7,130.03	7,130.03	157.88	247.16	-85.23	1,026.37	6,493.17	3,538.64	3,252.78	285.86	12.379			
17,400.00	7,153.57	7,129.57	7,129.57	159.36	247.15	-85.10	1,026.37	6,493.17	3,638.49	3,352.60	285.89	12.727			
17,500.00	7,153.10	7,129.10	7,129.10	160.85	247.13	-84.97	1,026.37	6,493.17	3,738.35	3,452.42	285.93	13.074			
17,600.00	7,152.64	7,128.64	7,128.64	162.34	247.12	-84.83	1,026.37	6,493.17	3,838.21	3,552.24	285.97	13.422			
17,700.00	7,152.17	7,128.17	7,128.17	163.83	247.10	-84.70	1,026.37	6,493.17	3,938.08	3,652.07	286.01	13.769			
17,737.15	7,152.00	7,128.00	7,128.00	164.38	247.09	-84.65	1,026.37	6,493.17	3,975.19	3,689.16	286.03	13.898			

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-53.76	1,189.87	-1,623.21	2,012.68					
100.00	100.00	84.00	84.00	3.28	3.59	-53.76	1,189.87	-1,623.21	2,012.61	2,005.74	6.88	292.661		
200.00	200.00	184.00	184.00	3.34	5.71	-53.76	1,189.87	-1,623.21	2,012.61	2,003.56	9.05	222.430		
300.00	300.00	284.00	284.00	3.44	8.80	-53.76	1,189.87	-1,623.21	2,012.61	2,000.37	12.24	164.370		
400.00	400.00	384.00	384.00	3.60	12.11	-53.76	1,189.87	-1,623.21	2,012.61	1,996.90	15.71	128.100		
500.00	499.99	483.99	483.99	3.80	15.50	6.25	1,189.87	-1,623.21	2,011.74	1,992.44	19.30	104.236		
600.00	599.96	583.96	583.96	4.03	18.93	6.26	1,189.87	-1,623.21	2,009.14	1,986.18	22.96	87.504		
700.00	699.86	683.86	683.86	4.30	22.37	6.28	1,189.87	-1,623.21	2,004.81	1,978.13	26.67	75.165		
790.00	789.74	773.74	773.74	4.57	25.48	6.29	1,189.87	-1,623.21	2,000.12	1,970.08	30.04	66.574		
800.00	799.73	783.73	783.73	4.60	25.82	3.15	1,189.87	-1,623.21	1,999.59	1,969.17	30.42	65.733		
900.00	899.50	883.50	883.50	4.92	29.28	-18.07	1,189.87	-1,623.21	1,993.11	1,958.91	34.20	58.285		
1,000.00	999.05	983.05	983.05	5.26	32.74	-28.52	1,189.87	-1,623.21	1,984.49	1,946.50	37.99	52.240		
1,077.14	1,075.61	1,059.61	1,059.61	5.53	35.40	-33.39	1,189.87	-1,623.21	1,976.40	1,935.48	40.92	48.301		
1,100.00	1,098.26	1,082.26	1,082.26	5.61	36.19	-33.44	1,189.87	-1,623.21	1,973.82	1,932.03	41.79	47.235		
1,200.00	1,197.35	1,181.35	1,181.35	5.98	39.63	-33.66	1,189.87	-1,623.21	1,962.55	1,916.95	45.59	43.044		
1,300.00	1,296.44	1,280.44	1,280.44	6.35	43.08	-33.87	1,189.87	-1,623.21	1,951.31	1,901.89	49.41	39.489		
1,400.00	1,395.52	1,379.52	1,379.52	6.73	46.53	-34.10	1,189.87	-1,623.21	1,940.09	1,886.85	53.24	36.438		
1,500.00	1,494.61	1,478.61	1,478.61	7.12	49.98	-34.32	1,189.87	-1,623.21	1,928.91	1,871.82	57.08	33.791		
1,600.00	1,593.70	1,577.70	1,577.70	7.52	53.43	-34.55	1,189.87	-1,623.21	1,917.75	1,856.82	60.93	31.474		
1,700.00	1,692.78	1,676.78	1,676.78	7.93	56.89	-34.78	1,189.87	-1,623.21	1,906.63	1,841.84	64.79	29.430		
1,800.00	1,791.87	1,775.87	1,775.87	8.33	60.34	-35.01	1,189.87	-1,623.21	1,895.53	1,826.89	68.64	27.614		
1,900.00	1,890.95	1,874.95	1,874.95	8.75	63.79	-35.24	1,189.87	-1,623.21	1,884.47	1,811.96	72.51	25.990		
2,000.00	1,990.04	1,974.04	1,974.04	9.16	67.25	-35.48	1,189.87	-1,623.21	1,873.44	1,797.06	76.38	24.529		
2,100.00	2,089.13	2,073.13	2,073.13	9.58	70.70	-35.72	1,189.87	-1,623.21	1,862.44	1,782.19	80.25	23.209		
2,200.00	2,188.21	2,172.21	2,172.21	10.01	74.16	-35.96	1,189.87	-1,623.21	1,851.48	1,767.35	84.12	22.009		
2,300.00	2,287.30	2,271.30	2,271.30	10.43	77.62	-36.21	1,189.87	-1,623.21	1,840.54	1,752.54	88.00	20.915		
2,400.00	2,386.39	2,370.39	2,370.39	10.86	81.07	-36.46	1,189.87	-1,623.21	1,829.64	1,737.76	91.88	19.913		
2,500.00	2,485.47	2,469.47	2,469.47	11.29	84.53	-36.71	1,189.87	-1,623.21	1,818.78	1,723.02	95.76	18.993		
2,600.00	2,584.56	2,568.56	2,568.56	11.72	87.98	-36.96	1,189.87	-1,623.21	1,807.95	1,708.31	99.65	18.144		
2,700.00	2,683.65	2,667.65	2,667.65	12.15	91.44	-37.22	1,189.87	-1,623.21	1,797.16	1,693.63	103.53	17.359		
2,800.00	2,782.73	2,766.73	2,766.73	12.58	94.90	-37.48	1,189.87	-1,623.21	1,786.40	1,678.99	107.42	16.631		
2,900.00	2,881.82	2,865.82	2,865.82	13.02	98.36	-37.74	1,189.87	-1,623.21	1,775.69	1,664.38	111.30	15.953		
3,000.00	2,980.91	2,964.91	2,964.91	13.45	101.81	-38.01	1,189.87	-1,623.21	1,765.00	1,649.81	115.19	15.322		
3,100.00	3,079.99	3,063.99	3,063.99	13.89	105.27	-38.28	1,189.87	-1,623.21	1,754.36	1,635.28	119.08	14.732		
3,200.00	3,179.08	3,163.08	3,163.08	14.33	108.73	-38.56	1,189.87	-1,623.21	1,743.76	1,620.78	122.98	14.180		
3,300.00	3,278.17	3,262.17	3,262.17	14.76	112.18	-38.83	1,189.87	-1,623.21	1,733.20	1,606.33	126.87	13.661		
3,400.00	3,377.25	3,361.25	3,361.25	15.20	115.64	-39.11	1,189.87	-1,623.21	1,722.68	1,591.91	130.76	13.174		
3,500.00	3,476.34	3,460.34	3,460.34	15.64	119.10	-39.40	1,189.87	-1,623.21	1,712.19	1,577.54	134.65	12.715		
3,600.00	3,575.43	3,559.43	3,559.43	16.08	122.56	-39.68	1,189.87	-1,623.21	1,701.76	1,563.21	138.55	12.283		
3,700.00	3,674.51	3,658.51	3,658.51	16.53	126.02	-39.97	1,189.87	-1,623.21	1,691.36	1,548.92	142.44	11.874		
3,800.00	3,773.60	3,757.60	3,757.60	16.97	129.47	-40.27	1,189.87	-1,623.21	1,681.01	1,534.67	146.34	11.487		
3,900.00	3,872.69	3,856.69	3,856.69	17.41	132.93	-40.57	1,189.87	-1,623.21	1,670.70	1,520.47	150.24	11.121		
4,000.00	3,971.77	3,955.77	3,955.77	17.85	136.39	-40.87	1,189.87	-1,623.21	1,660.44	1,506.31	154.13	10.773		
4,100.00	4,070.86	4,054.86	4,054.86	18.29	139.85	-41.17	1,189.87	-1,623.21	1,650.23	1,492.20	158.03	10.443		
4,200.00	4,169.95	4,153.95	4,153.95	18.74	143.31	-41.48	1,189.87	-1,623.21	1,640.06	1,478.14	161.93	10.128		
4,300.00	4,269.03	4,253.03	4,253.03	19.18	146.76	-41.79	1,189.87	-1,623.21	1,629.94	1,464.12	165.82	9.829		
4,400.00	4,368.12	4,352.12	4,352.12	19.63	150.22	-42.11	1,189.87	-1,623.21	1,619.87	1,450.15	169.72	9.544		
4,500.00	4,467.21	4,451.21	4,451.21	20.07	153.68	-42.43	1,189.87	-1,623.21	1,609.85	1,436.23	173.62	9.272		
4,600.00	4,566.29	4,550.29	4,550.29	20.52	157.14	-42.76	1,189.87	-1,623.21	1,599.88	1,422.37	177.52	9.012		
4,700.00	4,665.38	4,649.38	4,649.38	20.96	160.60	-43.08	1,189.87	-1,623.21	1,589.97	1,408.55	181.42	8.764		
4,800.00	4,764.47	4,748.47	4,748.47	21.41	164.06	-43.42	1,189.87	-1,623.21	1,580.10	1,394.79	185.32	8.526		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,900.00	4,863.55	4,847.55	4,847.55	21.85	167.52	-43.75	1,189.87	-1,623.21	1,570.29	1,381.08	189.22	8.299			
5,000.00	4,962.64	4,946.64	4,946.64	22.30	170.97	-44.09	1,189.87	-1,623.21	1,560.54	1,367.42	193.12	8.081			
5,100.00	5,061.73	5,045.73	5,045.73	22.74	174.43	-44.44	1,189.87	-1,623.21	1,550.84	1,353.82	197.02	7.872			
5,200.00	5,160.81	5,144.81	5,144.81	23.19	177.89	-44.79	1,189.87	-1,623.21	1,541.19	1,340.28	200.92	7.671			
5,300.00	5,259.90	5,243.90	5,243.90	23.64	181.35	-45.14	1,189.87	-1,623.21	1,531.61	1,326.79	204.82	7.478			
5,400.00	5,358.99	5,342.99	5,342.99	24.08	184.81	-45.50	1,189.87	-1,623.21	1,522.08	1,313.37	208.72	7.293			
5,500.00	5,458.07	5,442.07	5,442.07	24.53	188.27	-45.86	1,189.87	-1,623.21	1,512.62	1,300.00	212.62	7.114			
5,600.00	5,557.16	5,541.16	5,541.16	24.98	191.72	-46.23	1,189.87	-1,623.21	1,503.21	1,286.70	216.52	6.943			
5,700.00	5,656.25	5,640.25	5,640.25	25.42	195.18	-46.60	1,189.87	-1,623.21	1,493.87	1,273.45	220.42	6.777			
5,800.00	5,755.33	5,739.33	5,739.33	25.87	198.64	-46.98	1,189.87	-1,623.21	1,484.59	1,260.27	224.32	6.618			
5,900.00	5,854.42	5,838.42	5,838.42	26.32	202.10	-47.36	1,189.87	-1,623.21	1,475.38	1,247.16	228.22	6.465			
6,000.00	5,953.51	5,937.51	5,937.51	26.77	205.56	-47.75	1,189.87	-1,623.21	1,466.24	1,234.11	232.12	6.317			
6,100.00	6,052.59	6,036.59	6,036.59	27.21	209.02	-48.14	1,189.87	-1,623.21	1,457.16	1,221.13	236.03	6.174			
6,200.00	6,151.68	6,135.68	6,135.68	27.66	212.48	-48.53	1,189.87	-1,623.21	1,448.15	1,208.22	239.93	6.036			
6,300.00	6,250.76	6,234.76	6,234.76	28.11	215.94	-48.93	1,189.87	-1,623.21	1,439.20	1,195.38	243.83	5.903			
6,400.00	6,349.85	6,333.85	6,333.85	28.56	219.39	-49.34	1,189.87	-1,623.21	1,430.33	1,182.60	247.73	5.774			
6,500.00	6,448.94	6,432.94	6,432.94	29.01	222.85	-49.75	1,189.87	-1,623.21	1,421.54	1,169.91	251.63	5.649			
6,589.36	6,537.48	6,521.48	6,521.48	29.41	225.94	-50.12	1,189.87	-1,623.21	1,413.74	1,158.62	255.12	5.541			
6,600.00	6,548.03	6,532.03	6,532.03	29.45	226.31	-57.05	1,189.87	-1,623.21	1,412.90	1,157.36	255.53	5.529			
6,647.66	6,595.29	6,579.29	6,579.29	29.66	227.96	-90.00	1,189.87	-1,623.21	1,411.20	1,153.81	257.39	5.483 CC			
6,650.00	6,597.61	6,581.61	6,581.61	29.67	228.04	-91.48	1,189.87	-1,623.21	1,411.21	1,153.72	257.48	5.481 ES			
6,700.00	6,647.01	6,631.01	6,631.01	29.89	229.77	-115.85	1,189.87	-1,623.21	1,413.25	1,153.84	259.42	5.448			
6,750.00	6,695.92	6,679.92	6,679.92	30.10	231.47	-129.29	1,189.87	-1,623.21	1,419.05	1,157.72	261.33	5.430			
6,800.00	6,744.04	6,728.04	6,728.04	30.31	233.15	-136.97	1,189.87	-1,623.21	1,428.58	1,165.38	263.20	5.428 SF			
6,850.00	6,791.07	6,775.07	6,775.07	30.51	234.80	-141.71	1,189.87	-1,623.21	1,441.81	1,176.78	265.03	5.440			
6,900.00	6,836.72	6,820.72	6,820.72	30.71	236.39	-144.81	1,189.87	-1,623.21	1,458.67	1,191.87	266.80	5.467			
6,950.00	6,880.71	6,864.71	6,864.71	30.90	237.92	-146.90	1,189.87	-1,623.21	1,479.08	1,210.58	268.50	5.509			
7,000.00	6,922.77	6,906.77	6,906.77	31.08	239.39	-148.29	1,189.87	-1,623.21	1,502.92	1,232.81	270.11	5.564			
7,050.00	6,962.63	6,946.63	6,946.63	31.27	240.78	-149.15	1,189.87	-1,623.21	1,530.07	1,258.43	271.64	5.633			
7,100.00	7,000.07	6,984.07	6,984.07	31.44	242.09	-149.56	1,189.87	-1,623.21	1,560.36	1,287.29	273.08	5.714			
7,150.00	7,034.83	7,018.83	7,018.83	31.62	243.30	-149.55	1,189.87	-1,623.21	1,593.62	1,319.22	274.40	5.808			
7,200.00	7,066.72	7,050.72	7,050.72	31.79	244.42	-149.11	1,189.87	-1,623.21	1,629.64	1,354.02	275.62	5.913			
7,250.00	7,095.52	7,079.52	7,079.52	31.96	245.42	-148.19	1,189.87	-1,623.21	1,668.20	1,391.49	276.71	6.029			
7,300.00	7,121.07	7,105.07	7,105.07	32.13	246.31	-146.67	1,189.87	-1,623.21	1,709.05	1,431.37	277.68	6.155			
7,350.00	7,143.21	7,127.21	7,127.21	32.30	247.09	-144.36	1,189.87	-1,623.21	1,751.94	1,473.43	278.51	6.290			
7,400.00	7,161.80	7,145.80	7,145.80	32.47	247.74	-140.95	1,189.87	-1,623.21	1,796.60	1,517.39	279.21	6.434			
7,450.00	7,176.72	7,160.72	7,160.72	32.64	248.26	-135.87	1,189.87	-1,623.21	1,842.75	1,562.97	279.78	6.586			
7,500.00	7,187.89	7,171.89	7,171.89	32.82	248.65	-128.17	1,189.87	-1,623.21	1,890.08	1,609.87	280.21	6.745			
7,550.00	7,195.23	7,179.23	7,179.23	32.99	248.90	-116.30	1,189.87	-1,623.21	1,938.29	1,657.80	280.49	6.910			
7,600.00	7,198.70	7,182.70	7,182.70	33.17	249.02	-98.56	1,189.87	-1,623.21	1,987.08	1,706.45	280.64	7.081			
7,622.60	7,199.00	7,183.00	7,183.00	33.25	249.03	-88.64	1,189.87	-1,623.21	2,009.24	1,728.59	280.66	7.159			
7,700.00	7,198.64	7,182.64	7,182.64	33.54	249.02	-88.59	1,189.87	-1,623.21	2,085.25	1,804.57	280.67	7.429			
7,800.00	7,198.17	7,182.17	7,182.17	33.98	249.01	-88.52	1,189.87	-1,623.21	2,183.59	1,902.89	280.70	7.779			
7,900.00	7,197.71	7,181.71	7,181.71	34.47	248.99	-88.45	1,189.87	-1,623.21	2,282.08	2,001.36	280.72	8.129			
8,000.00	7,197.24	7,181.24	7,181.24	35.03	248.97	-88.38	1,189.87	-1,623.21	2,380.69	2,099.95	280.74	8.480			
8,100.00	7,196.78	7,180.78	7,180.78	35.64	248.96	-88.31	1,189.87	-1,623.21	2,479.41	2,198.65	280.76	8.831			
8,200.00	7,196.31	7,180.31	7,180.31	36.30	248.94	-88.25	1,189.87	-1,623.21	2,578.24	2,297.45	280.79	9.182			
8,300.00	7,195.85	7,179.85	7,179.85	37.01	248.93	-88.18	1,189.87	-1,623.21	2,677.14	2,396.34	280.81	9.534			
8,400.00	7,195.38	7,179.38	7,179.38	37.77	248.91	-88.11	1,189.87	-1,623.21	2,776.13	2,495.30	280.83	9.886			
8,500.00	7,194.92	7,178.92	7,178.92	38.57	248.89	-88.04	1,189.87	-1,623.21	2,875.19	2,594.34	280.85	10.237			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,600.00	7,194.46	7,178.46	7,178.46	39.41	248.88	-87.97	1,189.87	-1,623.21	2,974.31	2,693.44	280.87	10.590		
8,700.00	7,193.99	7,177.99	7,177.99	40.30	248.86	-87.90	1,189.87	-1,623.21	3,073.49	2,792.60	280.89	10.942		
8,800.00	7,193.53	7,177.53	7,177.53	41.22	248.84	-87.83	1,189.87	-1,623.21	3,172.72	2,891.80	280.91	11.294		
8,900.00	7,193.06	7,177.06	7,177.06	42.17	248.83	-87.76	1,189.87	-1,623.21	3,271.99	2,991.06	280.93	11.647		
9,000.00	7,192.60	7,176.60	7,176.60	43.16	248.81	-87.70	1,189.87	-1,623.21	3,371.31	3,090.35	280.96	11.999		
9,100.00	7,192.13	7,176.13	7,176.13	44.17	248.80	-87.63	1,189.87	-1,623.21	3,470.67	3,189.69	280.98	12.352		
9,200.00	7,191.67	7,175.67	7,175.67	45.22	248.78	-87.56	1,189.87	-1,623.21	3,570.06	3,289.06	281.00	12.705		
9,300.00	7,191.20	7,175.20	7,175.20	46.29	248.76	-87.49	1,189.87	-1,623.21	3,669.49	3,388.47	281.02	13.058		
9,400.00	7,190.74	7,174.74	7,174.74	47.38	248.75	-87.42	1,189.87	-1,623.21	3,768.94	3,487.90	281.05	13.410		
9,500.00	7,190.27	7,174.27	7,174.27	48.50	248.73	-87.35	1,189.87	-1,623.21	3,868.43	3,587.36	281.07	13.763		
9,600.00	7,189.81	7,173.81	7,173.81	49.64	248.71	-87.28	1,189.87	-1,623.21	3,967.94	3,686.85	281.09	14.116		
9,700.00	7,189.34	7,173.34	7,173.34	50.80	248.70	-87.22	1,189.87	-1,623.21	4,067.47	3,786.36	281.12	14.469		
9,800.00	7,188.88	7,172.88	7,172.88	51.98	248.68	-87.15	1,189.87	-1,623.21	4,167.03	3,885.89	281.14	14.822		
9,900.00	7,188.41	7,172.41	7,172.41	53.17	248.67	-87.08	1,189.87	-1,623.21	4,266.61	3,985.44	281.17	15.174		
10,000.00	7,187.95	7,171.95	7,171.95	54.38	248.65	-87.01	1,189.87	-1,623.21	4,366.21	4,085.01	281.20	15.527		
10,100.00	7,187.49	7,171.49	7,171.49	55.61	248.63	-86.94	1,189.87	-1,623.21	4,465.82	4,184.60	281.22	15.880		
10,200.00	7,187.02	7,171.02	7,171.02	56.85	248.62	-86.87	1,189.87	-1,623.21	4,565.45	4,284.20	281.25	16.233		
10,300.00	7,186.56	7,170.56	7,170.56	58.10	248.60	-86.80	1,189.87	-1,623.21	4,665.10	4,383.82	281.28	16.585		
10,400.00	7,186.09	7,170.09	7,170.09	59.37	248.58	-86.73	1,189.87	-1,623.21	4,764.76	4,483.45	281.31	16.938		
10,500.00	7,185.63	7,169.63	7,169.63	60.64	248.57	-86.67	1,189.87	-1,623.21	4,864.44	4,583.10	281.34	17.290		
10,600.00	7,185.16	7,169.16	7,169.16	61.93	248.55	-86.60	1,189.87	-1,623.21	4,964.12	4,682.75	281.37	17.643		
10,700.00	7,184.70	7,168.70	7,168.70	63.23	248.54	-86.53	1,189.87	-1,623.21	5,063.83	4,782.42	281.40	17.995		
10,800.00	7,184.23	7,168.23	7,168.23	64.54	248.52	-86.46	1,189.87	-1,623.21	5,163.54	4,882.10	281.43	18.347		
10,900.00	7,183.77	7,167.77	7,167.77	65.85	248.50	-86.39	1,189.87	-1,623.21	5,263.26	4,981.79	281.47	18.699		
11,000.00	7,183.30	7,167.30	7,167.30	67.18	248.49	-86.32	1,189.87	-1,623.21	5,362.99	5,081.49	281.50	19.051		
11,100.00	7,182.84	7,166.84	7,166.84	68.51	248.47	-86.25	1,189.87	-1,623.21	5,462.74	5,181.20	281.53	19.403		
11,200.00	7,182.37	7,166.37	7,166.37	69.85	248.45	-86.19	1,189.87	-1,623.21	5,562.49	5,280.92	281.57	19.755		
11,300.00	7,181.91	7,165.91	7,165.91	71.20	248.44	-86.12	1,189.87	-1,623.21	5,662.25	5,380.65	281.61	20.107		
11,400.00	7,181.45	7,165.45	7,165.45	72.56	248.42	-86.05	1,189.87	-1,623.21	5,762.02	5,480.38	281.64	20.459		
11,500.00	7,180.98	7,164.98	7,164.98	73.92	248.41	-85.98	1,189.87	-1,623.21	5,861.80	5,580.12	281.68	20.810		
11,600.00	7,180.52	7,164.52	7,164.52	75.29	248.39	-85.91	1,189.87	-1,623.21	5,961.58	5,679.86	281.72	21.161		
11,700.00	7,180.05	7,164.05	7,164.05	76.66	248.37	-85.84	1,189.87	-1,623.21	6,061.37	5,779.62	281.76	21.513		
11,800.00	7,179.59	7,163.59	7,163.59	78.04	248.36	-85.78	1,189.87	-1,623.21	6,161.17	5,879.38	281.80	21.864		
11,900.00	7,179.12	7,163.12	7,163.12	79.42	248.34	-85.71	1,189.87	-1,623.21	6,260.98	5,979.14	281.84	22.215		
12,000.00	7,178.66	7,162.66	7,162.66	80.81	248.33	-85.64	1,189.87	-1,623.21	6,360.79	6,078.91	281.88	22.566		
12,100.00	7,178.19	7,162.19	7,162.19	82.20	248.31	-85.57	1,189.87	-1,623.21	6,460.61	6,178.68	281.92	22.916		
12,200.00	7,177.73	7,161.73	7,161.73	83.60	248.29	-85.50	1,189.87	-1,623.21	6,560.43	6,278.46	281.97	23.267		
12,300.00	7,177.26	7,161.26	7,161.26	85.00	248.28	-85.43	1,189.87	-1,623.21	6,660.26	6,378.25	282.01	23.617		
12,400.00	7,176.80	7,160.80	7,160.80	86.41	248.26	-85.36	1,189.87	-1,623.21	6,760.09	6,478.03	282.06	23.967		
12,500.00	7,176.33	7,160.33	7,160.33	87.82	248.24	-85.30	1,189.87	-1,623.21	6,859.93	6,577.82	282.10	24.317		
12,600.00	7,175.87	7,159.87	7,159.87	89.23	248.23	-85.23	1,189.87	-1,623.21	6,959.77	6,677.62	282.15	24.667		
12,700.00	7,175.40	7,159.40	7,159.40	90.65	248.21	-85.16	1,189.87	-1,623.21	7,059.61	6,777.42	282.20	25.017		
12,800.00	7,174.94	7,158.94	7,158.94	92.07	248.20	-85.09	1,189.87	-1,623.21	7,159.47	6,877.22	282.24	25.366		
12,900.00	7,174.48	7,158.48	7,158.48	93.49	248.18	-85.02	1,189.87	-1,623.21	7,259.32	6,977.03	282.29	25.716		
13,000.00	7,174.01	7,158.01	7,158.01	94.91	248.16	-84.95	1,189.87	-1,623.21	7,359.18	7,076.84	282.34	26.065		
13,100.00	7,173.55	7,157.55	7,157.55	96.34	248.15	-84.89	1,189.87	-1,623.21	7,459.04	7,176.65	282.39	26.414		
13,200.00	7,173.08	7,157.08	7,157.08	97.77	248.13	-84.82	1,189.87	-1,623.21	7,558.91	7,276.46	282.45	26.762		
13,300.00	7,172.62	7,156.62	7,156.62	99.21	248.11	-84.75	1,189.87	-1,623.21	7,658.78	7,376.28	282.50	27.111		
13,400.00	7,172.15	7,156.15	7,156.15	100.64	248.10	-84.68	1,189.87	-1,623.21	7,758.65	7,476.10	282.55	27.459		
13,500.00	7,171.69	7,155.69	7,155.69	102.08	248.08	-84.61	1,189.87	-1,623.21	7,858.53	7,575.92	282.61	27.807		
13,600.00	7,171.22	7,155.22	7,155.22	103.52	248.07	-84.55	1,189.87	-1,623.21	7,958.41	7,675.75	282.66	28.155		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												LEFFLER 8-21 PAD - LEFFLER 1 #21-2 - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
13,700.00	7,170.76	7,154.76	7,154.76	104.97	248.05	-84.48	1,189.87	-1,623.21	8,058.29	7,775.57	282.72	28.503			
13,800.00	7,170.29	7,154.29	7,154.29	106.41	248.03	-84.41	1,189.87	-1,623.21	8,158.17	7,875.40	282.77	28.851			
13,900.00	7,169.83	7,153.83	7,153.83	107.86	248.02	-84.34	1,189.87	-1,623.21	8,258.06	7,975.23	282.83	29.198			
14,000.00	7,169.36	7,153.36	7,153.36	109.31	248.00	-84.27	1,189.87	-1,623.21	8,357.95	8,075.06	282.89	29.545			
14,100.00	7,168.90	7,152.90	7,152.90	110.76	247.98	-84.20	1,189.87	-1,623.21	8,457.84	8,174.90	282.95	29.892			
14,200.00	7,168.44	7,152.44	7,152.44	112.21	247.97	-84.14	1,189.87	-1,623.21	8,557.74	8,274.73	283.01	30.239			
14,300.00	7,167.97	7,151.97	7,151.97	113.67	247.95	-84.07	1,189.87	-1,623.21	8,657.64	8,374.57	283.07	30.585			
14,400.00	7,167.51	7,151.51	7,151.51	115.12	247.94	-84.00	1,189.87	-1,623.21	8,757.54	8,474.41	283.13	30.931			
14,500.00	7,167.04	7,151.04	7,151.04	116.58	247.92	-83.93	1,189.87	-1,623.21	8,857.44	8,574.25	283.19	31.277			
14,600.00	7,166.58	7,150.58	7,150.58	118.04	247.90	-83.86	1,189.87	-1,623.21	8,957.35	8,674.09	283.25	31.623			
14,700.00	7,166.11	7,150.11	7,150.11	119.50	247.89	-83.80	1,189.87	-1,623.21	9,057.25	8,773.93	283.32	31.969			
14,800.00	7,165.65	7,149.65	7,149.65	120.97	247.87	-83.73	1,189.87	-1,623.21	9,157.16	8,873.78	283.38	32.314			
14,900.00	7,165.18	7,149.18	7,149.18	122.43	247.85	-83.66	1,189.87	-1,623.21	9,257.07	8,973.62	283.45	32.659			
15,000.00	7,164.72	7,148.72	7,148.72	123.90	247.84	-83.59	1,189.87	-1,623.21	9,356.98	9,073.47	283.51	33.004			
15,100.00	7,164.25	7,148.25	7,148.25	125.36	247.82	-83.52	1,189.87	-1,623.21	9,456.90	9,173.32	283.58	33.348			
15,200.00	7,163.79	7,147.79	7,147.79	126.83	247.81	-83.46	1,189.87	-1,623.21	9,556.81	9,273.17	283.65	33.692			
15,300.00	7,163.32	7,147.32	7,147.32	128.30	247.79	-83.39	1,189.87	-1,623.21	9,656.73	9,373.02	283.72	34.037			
15,400.00	7,162.86	7,146.86	7,146.86	129.77	247.77	-83.32	1,189.87	-1,623.21	9,756.65	9,472.87	283.79	34.380			
15,500.00	7,162.39	7,146.39	7,146.39	131.24	247.76	-83.25	1,189.87	-1,623.21	9,856.57	9,572.72	283.86	34.724			
15,600.00	7,161.93	7,145.93	7,145.93	132.71	247.74	-83.18	1,189.87	-1,623.21	9,956.50	9,672.57	283.93	35.067			

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.00	19.67	0.00	19.67					
100.00	100.00	100.00	100.00	3.28	3.28	0.00	19.67	0.00	19.67	13.10	6.57	2.995		
200.00	200.00	200.00	200.00	3.34	3.34	0.00	19.67	0.00	19.67	13.00	6.67	2.949 CC		
300.00	300.00	299.79	299.79	3.44	3.44	-2.02	20.17	-0.71	20.18	13.30	6.88	2.933		
400.00	400.00	399.53	399.49	3.60	3.60	-7.48	21.66	-2.85	21.86	14.66	7.20	3.036		
500.00	499.99	500.82	499.04	3.80	3.80	46.60	24.15	-6.40	24.40	16.79	7.61	3.207		
600.00	599.96	599.06	598.78	4.03	4.04	43.19	27.16	-10.68	26.57	18.49	8.08	3.289		
700.00	699.86	698.08	697.58	4.30	4.31	43.64	32.16	-15.02	29.49	20.86	8.63	3.417		
790.00	789.74	786.97	786.06	4.57	4.57	45.99	39.54	-19.06	34.45	25.27	9.18	3.754		
800.00	799.73	796.82	795.86	4.60	4.60	43.13	40.53	-19.51	35.15	25.92	9.24	3.805		
900.00	899.50	895.25	893.47	4.92	4.92	24.19	52.24	-24.14	42.22	32.34	9.88	4.272		
1,000.00	999.05	1,006.17	990.78	5.26	5.31	15.42	67.24	-28.93	49.20	38.60	10.60	4.641		
1,077.14	1,075.61	1,070.87	1,066.71	5.53	5.54	11.43	79.73	-32.70	53.01	41.92	11.09	4.781		
1,100.00	1,098.26	1,093.71	1,089.22	5.61	5.62	11.55	83.43	-33.81	53.84	42.58	11.25	4.784		
1,200.00	1,197.35	1,206.36	1,187.71	5.98	6.03	12.03	99.63	-38.71	57.46	45.43	12.03	4.775		
1,300.00	1,296.44	1,293.58	1,286.20	6.35	6.36	12.45	115.83	-43.60	61.08	48.34	12.74	4.795		
1,400.00	1,395.52	1,406.49	1,384.69	6.73	6.80	12.83	132.03	-48.49	64.71	51.14	13.56	4.770		
1,500.00	1,494.61	1,506.56	1,483.18	7.12	7.20	13.17	148.24	-53.38	68.34	53.98	14.36	4.760		
1,600.00	1,593.70	1,593.38	1,581.67	7.52	7.55	13.47	164.44	-58.27	71.97	56.86	15.11	4.763		
1,700.00	1,692.78	1,693.31	1,680.16	7.93	7.96	13.74	180.64	-63.16	75.60	59.67	15.93	4.746		
1,800.00	1,791.87	1,806.76	1,778.65	8.33	8.43	13.99	196.84	-68.05	79.23	62.42	16.81	4.713		
1,900.00	1,890.95	1,906.82	1,877.14	8.75	8.85	14.22	213.04	-72.95	82.87	65.22	17.65	4.695		
2,000.00	1,990.04	2,006.89	1,975.63	9.16	9.27	14.42	229.24	-77.84	86.51	68.01	18.50	4.677		
2,100.00	2,089.13	2,106.95	2,074.12	9.58	9.70	14.61	245.44	-82.73	90.14	70.80	19.35	4.659		
2,200.00	2,188.21	2,207.02	2,172.61	10.01	10.13	14.79	261.65	-87.62	93.78	73.58	20.21	4.641		
2,300.00	2,287.30	2,292.91	2,271.10	10.43	10.50	14.95	277.85	-92.51	97.42	76.41	21.01	4.637		
2,400.00	2,386.39	2,407.15	2,369.59	10.86	10.99	15.10	294.05	-97.40	101.06	79.13	21.94	4.607		
2,500.00	2,485.47	2,507.22	2,468.08	11.29	11.43	15.24	310.25	-102.29	104.70	81.90	22.81	4.591		
2,600.00	2,584.56	2,607.29	2,566.57	11.72	11.86	15.37	326.45	-107.19	108.35	84.66	23.68	4.575		
2,700.00	2,683.65	2,707.35	2,665.06	12.15	12.30	15.50	342.65	-112.08	111.99	87.43	24.56	4.559		
2,800.00	2,782.73	2,807.42	2,763.55	12.58	12.74	15.61	358.85	-116.97	115.63	90.19	25.44	4.545		
2,900.00	2,881.82	2,907.49	2,862.04	13.02	13.18	15.72	375.05	-121.86	119.27	92.95	26.33	4.531		
3,000.00	2,980.91	3,007.55	2,960.53	13.45	13.63	15.82	391.26	-126.75	122.92	95.70	27.21	4.517		
3,100.00	3,079.99	3,107.62	3,059.02	13.89	14.07	15.91	407.46	-131.64	126.56	98.46	28.10	4.504		
3,200.00	3,179.08	3,207.69	3,157.51	14.33	14.52	16.00	423.66	-136.54	130.20	101.21	28.99	4.491		
3,300.00	3,278.17	3,292.25	3,256.00	14.76	14.89	16.09	439.86	-141.43	133.85	104.04	29.81	4.490		
3,400.00	3,377.25	3,407.82	3,354.49	15.20	15.41	16.17	456.06	-146.32	137.49	106.72	30.77	4.468		
3,500.00	3,476.34	3,492.11	3,452.98	15.64	15.78	16.25	472.26	-151.21	141.14	109.54	31.60	4.467		
3,600.00	3,575.43	3,607.95	3,551.47	16.08	16.30	16.32	488.46	-156.10	144.78	112.22	32.56	4.446		
3,700.00	3,674.51	3,708.02	3,649.96	16.53	16.75	16.39	504.67	-160.99	148.43	114.97	33.46	4.436		
3,800.00	3,773.60	3,808.09	3,748.45	16.97	17.20	16.45	520.87	-165.88	152.07	117.72	34.36	4.426		
3,900.00	3,872.69	3,908.15	3,846.94	17.41	17.65	16.52	537.07	-170.78	155.72	120.46	35.26	4.417		
4,000.00	3,971.77	3,991.78	3,945.43	17.85	18.02	16.58	553.27	-175.67	159.36	123.28	36.08	4.417		
4,100.00	4,070.86	4,108.29	4,043.92	18.29	18.55	16.63	569.47	-180.56	163.01	125.95	37.06	4.399		
4,200.00	4,169.95	4,208.35	4,142.41	18.74	19.00	16.69	585.67	-185.45	166.66	128.70	37.96	4.390		
4,300.00	4,269.03	4,308.42	4,240.90	19.18	19.45	16.74	601.87	-190.34	170.30	131.44	38.86	4.382		
4,400.00	4,368.12	4,408.49	4,339.39	19.63	19.90	16.79	618.08	-195.23	173.95	134.19	39.76	4.374		
4,500.00	4,467.21	4,491.45	4,437.88	20.07	20.27	16.84	634.28	-200.12	177.60	137.01	40.59	4.375		
4,600.00	4,566.29	4,608.62	4,536.37	20.52	20.80	16.89	650.48	-205.02	181.24	139.67	41.57	4.360		
4,700.00	4,665.38	4,708.69	4,634.86	20.96	21.25	16.93	666.68	-209.91	184.89	142.41	42.48	4.353		
4,800.00	4,764.47	4,808.75	4,733.35	21.41	21.70	16.97	682.88	-214.80	188.54	145.15	43.38	4.346		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 1 N-23B-L - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
4,900.00	4,863.55	4,908.82	4,831.84	21.85	22.16	17.01	699.08	-219.69	192.18	147.89	44.29	4.339					
5,000.00	4,962.64	5,008.89	4,930.33	22.30	22.61	17.05	715.28	-224.58	195.83	150.64	45.20	4.333					
5,100.00	5,061.73	5,108.95	5,028.82	22.74	23.06	17.09	731.48	-229.47	199.48	153.38	46.10	4.327					
5,200.00	5,160.81	5,209.02	5,127.31	23.19	23.52	17.13	747.69	-234.36	203.13	156.12	47.01	4.321					
5,300.00	5,259.90	5,309.09	5,225.80	23.64	23.97	17.16	763.89	-239.26	206.77	158.86	47.92	4.315					
5,400.00	5,358.99	5,409.15	5,324.29	24.08	24.42	17.20	780.09	-244.15	210.42	161.59	48.83	4.310					
5,500.00	5,458.07	5,490.78	5,422.78	24.53	24.79	17.23	796.29	-249.04	214.07	164.42	49.65	4.312					
5,600.00	5,557.16	5,609.29	5,521.27	24.98	25.33	17.26	812.49	-253.93	217.72	167.07	50.64	4.299					
5,700.00	5,656.25	5,709.35	5,619.76	25.42	25.79	17.29	828.69	-258.82	221.36	169.81	51.55	4.294					
5,800.00	5,755.33	5,809.42	5,718.25	25.87	26.24	17.32	844.89	-263.71	225.01	172.55	52.46	4.289					
5,900.00	5,854.42	5,890.51	5,816.74	26.32	26.61	17.35	861.10	-268.61	228.66	175.37	53.28	4.291					
6,000.00	5,953.51	5,990.45	5,915.23	26.77	27.06	17.38	877.30	-273.50	232.31	178.11	54.19	4.287					
6,100.00	6,052.59	6,090.38	6,013.72	27.21	27.52	17.41	893.50	-278.39	235.96	180.85	55.10	4.282					
6,200.00	6,151.68	6,209.69	6,112.21	27.66	28.06	17.43	909.70	-283.28	239.60	183.50	56.10	4.271					
6,300.00	6,250.76	6,309.75	6,210.70	28.11	28.51	17.46	925.90	-288.17	243.25	186.24	57.01	4.267					
6,400.00	6,349.85	6,390.18	6,309.19	28.56	28.88	17.48	942.10	-293.06	246.90	189.07	57.83	4.269					
6,500.00	6,448.94	6,491.86	6,409.46	29.01	29.34	18.04	958.52	-295.69	250.36	191.60	58.76	4.261					
6,589.36	6,537.48	6,581.96	6,497.86	29.41	29.73	21.24	972.58	-286.01	252.91	193.36	59.55	4.247					
6,600.00	6,548.03	6,592.40	6,507.99	29.45	29.78	14.94	974.16	-284.07	253.26	193.61	59.64	4.246					
6,650.00	6,597.61	6,640.96	6,554.67	29.67	29.98	-16.60	981.38	-272.86	255.07	195.03	60.03	4.249					
6,700.00	6,647.01	6,688.73	6,599.66	29.89	30.17	-38.22	988.20	-258.36	257.19	196.81	60.38	4.259					
6,750.00	6,695.92	6,735.76	6,642.80	30.10	30.36	-49.06	994.62	-240.79	259.59	198.91	60.68	4.278					
6,800.00	6,744.04	6,782.10	6,683.95	30.31	30.54	-54.30	1,000.63	-220.37	262.21	201.30	60.90	4.305					
6,850.00	6,791.07	6,827.80	6,723.01	30.51	30.71	-56.79	1,006.20	-197.34	264.99	203.93	61.06	4.340					
6,900.00	6,836.72	6,872.91	6,759.88	30.71	30.88	-57.85	1,011.33	-171.88	267.87	206.75	61.12	4.382					
6,950.00	6,880.71	6,917.46	6,794.48	30.90	31.04	-58.11	1,016.01	-144.22	270.80	209.69	61.11	4.432					
7,000.00	6,922.77	6,961.51	6,826.74	31.08	31.19	-57.91	1,020.25	-114.53	273.72	212.71	61.00	4.487					
7,050.00	6,962.63	7,005.10	6,856.60	31.27	31.34	-57.45	1,024.03	-83.01	276.56	215.73	60.82	4.547					
7,100.00	7,000.07	7,048.27	6,884.01	31.44	31.49	-56.84	1,027.36	-49.85	279.27	218.70	60.58	4.610					
7,150.00	7,034.83	7,091.05	6,908.94	31.62	31.63	-56.16	1,030.23	-15.21	281.81	221.53	60.28	4.675					
7,200.00	7,066.72	7,133.49	6,931.36	31.79	31.78	-55.46	1,032.65	20.73	284.11	224.16	59.95	4.739					
7,250.00	7,095.52	7,175.61	6,951.23	31.96	31.92	-54.76	1,034.62	57.82	286.15	226.54	59.61	4.801					
7,300.00	7,121.07	7,217.46	6,968.53	32.13	32.06	-54.09	1,036.13	95.89	287.87	228.59	59.28	4.856					
7,350.00	7,143.21	7,259.07	6,983.26	32.30	32.20	-53.47	1,037.20	134.78	289.24	230.26	58.98	4.904					
7,400.00	7,161.80	7,300.47	6,995.40	32.47	32.35	-52.91	1,037.82	174.35	290.23	231.51	58.73	4.942					
7,450.00	7,176.72	7,341.70	7,004.94	32.64	32.49	-52.42	1,038.00	214.45	290.82	232.27	58.56	4.966					
7,500.00	7,187.89	7,382.77	7,011.88	32.82	32.63	-51.99	1,037.75	254.92	290.99	232.51	58.48	4.976					
7,550.00	7,195.23	7,423.73	7,016.22	32.99	32.78	-51.64	1,037.06	295.64	290.71	232.20	58.51	4.969					
7,600.00	7,198.70	7,464.61	7,017.97	33.17	32.92	-51.37	1,035.95	336.46	289.98	231.32	58.66	4.944					
7,622.60	7,199.00	7,484.99	7,017.96	33.25	33.00	-51.28	1,035.25	356.82	289.46	230.69	58.77	4.925					
7,700.00	7,198.64	7,562.33	7,017.64	33.54	33.31	-50.91	1,032.56	434.12	287.14	227.83	59.31	4.841					
7,800.00	7,198.17	7,662.26	7,017.22	33.98	33.76	-50.44	1,029.07	533.99	284.16	224.07	60.09	4.729					
7,900.00	7,197.71	7,762.19	7,016.81	34.47	34.27	-49.95	1,025.59	633.85	281.20	220.23	60.97	4.612					
8,000.00	7,197.24	7,862.11	7,016.40	35.03	34.84	-49.45	1,022.10	733.72	278.26	216.34	61.92	4.494					
8,100.00	7,196.78	7,962.04	7,015.98	35.64	35.46	-48.95	1,018.62	833.58	275.34	212.38	62.96	4.373					
8,200.00	7,196.31	8,061.97	7,015.57	36.30	36.13	-48.43	1,015.14	933.45	272.45	208.38	64.06	4.253					
8,300.00	7,195.85	8,161.90	7,015.15	37.01	36.85	-47.90	1,011.65	1,033.32	269.57	204.34	65.23	4.132					
8,400.00	7,195.38	8,261.82	7,014.74	37.77	37.62	-47.36	1,008.17	1,133.18	266.72	200.26	66.46	4.013					
8,500.00	7,194.92	8,361.75	7,014.32	38.57	38.44	-46.80	1,004.68	1,233.05	263.90	196.16	67.74	3.896					
8,600.00	7,194.46	8,461.68	7,013.91	39.41	39.29	-46.24	1,001.20	1,332.91	261.10	192.04	69.06	3.781					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,700.00	7,193.99	8,561.61	7,013.49	40.30	40.18	-45.66	997.71	1,432.78	258.32	187.90	70.42	3.668		
8,800.00	7,193.53	8,661.53	7,013.08	41.22	41.11	-45.07	994.23	1,532.64	255.57	183.76	71.82	3.559		
8,900.00	7,193.06	8,761.46	7,012.67	42.17	42.08	-44.47	990.75	1,632.51	252.85	179.62	73.24	3.453		
9,000.00	7,192.60	8,861.39	7,012.25	43.16	43.07	-43.86	987.26	1,732.38	250.16	175.48	74.68	3.350		
9,100.00	7,192.13	8,961.32	7,011.84	44.17	44.10	-43.23	983.78	1,832.24	247.50	171.36	76.14	3.251		
9,200.00	7,191.67	9,061.24	7,011.42	45.22	45.15	-42.59	980.29	1,932.11	244.87	167.25	77.61	3.155		
9,300.00	7,191.20	9,161.17	7,011.01	46.29	46.23	-41.93	976.81	2,031.97	242.27	163.17	79.09	3.063		
9,400.00	7,190.74	9,261.10	7,010.59	47.38	47.33	-41.26	973.32	2,131.84	239.70	159.12	80.58	2.975		
9,500.00	7,190.27	9,361.02	7,010.18	48.50	48.45	-40.58	969.84	2,231.70	237.17	155.10	82.06	2.890		
9,600.00	7,189.81	9,460.95	7,009.76	49.64	49.60	-39.88	966.36	2,331.57	234.66	151.12	83.54	2.809		
9,700.00	7,189.34	9,560.88	7,009.35	50.80	50.77	-39.17	962.87	2,431.44	232.20	147.19	85.01	2.731		
9,800.00	7,188.88	9,660.81	7,008.93	51.98	51.95	-38.44	959.39	2,531.30	229.77	143.30	86.47	2.657		
9,900.00	7,188.41	9,760.73	7,008.52	53.17	53.15	-37.70	955.90	2,631.17	227.38	139.46	87.92	2.586		
10,000.00	7,187.95	9,860.66	7,008.11	54.38	54.37	-36.94	952.42	2,731.03	225.03	135.68	89.35	2.519		
10,100.00	7,187.49	9,960.59	7,007.69	55.61	55.60	-36.16	948.93	2,830.90	222.72	131.96	90.76	2.454		
10,200.00	7,187.02	10,060.52	7,007.28	56.85	56.85	-35.37	945.45	2,930.76	220.45	128.31	92.14	2.392		
10,300.00	7,186.56	10,160.44	7,006.86	58.10	58.11	-34.56	941.97	3,030.63	218.23	124.72	93.51	2.334		
10,400.00	7,186.09	10,260.37	7,006.45	59.37	59.38	-33.74	938.48	3,130.50	216.05	121.21	94.84	2.278		
10,500.00	7,185.63	10,360.30	7,006.03	60.64	60.66	-32.89	935.00	3,230.36	213.91	117.77	96.15	2.225		
10,600.00	7,185.16	10,460.23	7,005.62	61.93	61.96	-32.04	931.51	3,330.23	211.82	114.40	97.42	2.174		
10,700.00	7,184.70	10,558.43	7,005.21	63.23	63.24	-31.26	928.45	3,428.38	209.98	111.20	98.78	2.126		
10,765.25	7,184.39	10,634.74	7,004.95	64.08	64.24	-31.10	927.93	3,490.99	209.56	109.41	100.15	2.093		
10,800.00	7,184.23	10,655.79	7,004.81	64.54	64.51	-31.12	928.12	3,525.74	209.58	108.83	100.75	2.080		
10,900.00	7,183.77	10,755.79	7,004.39	65.85	65.83	-31.17	928.64	3,625.74	209.64	106.73	102.91	2.037		
11,000.00	7,183.30	10,855.79	7,003.98	67.18	67.16	-31.22	929.16	3,725.73	209.70	104.62	105.08	1.996		
11,100.00	7,182.84	10,955.79	7,003.56	68.51	68.50	-31.28	929.68	3,825.73	209.76	102.51	107.26	1.956		
11,200.00	7,182.37	11,055.79	7,003.15	69.85	69.85	-31.33	930.20	3,925.73	209.82	100.38	109.44	1.917		
11,300.00	7,181.91	11,155.79	7,002.73	71.20	71.20	-31.38	930.73	4,025.73	209.88	98.25	111.64	1.880		
11,400.00	7,181.45	11,255.79	7,002.32	72.56	72.56	-31.44	931.25	4,125.72	209.95	96.11	113.84	1.844		
11,500.00	7,180.98	11,355.79	7,001.90	73.92	73.93	-31.49	931.77	4,225.72	210.01	93.96	116.05	1.810		
11,600.00	7,180.52	11,455.79	7,001.49	75.29	75.30	-31.54	932.29	4,325.72	210.07	91.81	118.26	1.776		
11,700.00	7,180.05	11,555.79	7,001.07	76.66	76.67	-31.59	932.82	4,425.72	210.13	89.64	120.49	1.744		
11,800.00	7,179.59	11,655.79	7,000.66	78.04	78.06	-31.65	933.34	4,525.71	210.19	87.48	122.71	1.713		
11,900.00	7,179.12	11,755.79	7,000.24	79.42	79.44	-31.70	933.86	4,625.71	210.25	85.30	124.95	1.683		
12,000.00	7,178.66	11,855.79	6,999.82	80.81	80.83	-31.75	934.38	4,725.71	210.32	83.12	127.19	1.654		
12,100.00	7,178.19	11,955.79	6,999.41	82.20	82.23	-31.81	934.91	4,825.71	210.38	80.94	129.44	1.625		
12,200.00	7,177.73	12,055.79	6,998.99	83.60	83.63	-31.86	935.43	4,925.70	210.44	78.75	131.69	1.598		
12,300.00	7,177.26	12,155.79	6,998.58	85.00	85.04	-31.91	935.95	5,025.70	210.50	76.55	133.95	1.572		
12,400.00	7,176.80	12,255.79	6,998.16	86.41	86.44	-31.97	936.47	5,125.70	210.57	74.35	136.21	1.546		
12,500.00	7,176.33	12,355.79	6,997.75	87.82	87.86	-32.02	936.99	5,225.70	210.63	72.15	138.48	1.521		
12,600.00	7,175.87	12,455.79	6,997.33	89.23	89.27	-32.07	937.52	5,325.69	210.69	69.94	140.75	1.497 Level 3		
12,700.00	7,175.40	12,555.79	6,996.92	90.65	90.69	-32.12	938.04	5,425.69	210.76	67.72	143.03	1.473 Level 3		
12,800.00	7,174.94	12,655.79	6,996.50	92.07	92.11	-32.18	938.56	5,525.69	210.82	65.50	145.32	1.451 Level 3		
12,900.00	7,174.48	12,755.79	6,996.09	93.49	93.54	-32.23	939.08	5,625.69	210.88	63.28	147.60	1.429 Level 3		
13,000.00	7,174.01	12,855.79	6,995.67	94.91	94.97	-32.28	939.61	5,725.68	210.95	61.05	149.90	1.407 Level 3		
13,100.00	7,173.55	12,955.79	6,995.26	96.34	96.40	-32.33	940.13	5,825.68	211.01	58.82	152.19	1.386 Level 3		
13,200.00	7,173.08	13,055.79	6,994.84	97.77	97.83	-32.39	940.65	5,925.68	211.07	56.58	154.49	1.366 Level 3		
13,300.00	7,172.62	13,155.79	6,994.43	99.21	99.27	-32.44	941.17	6,025.68	211.14	54.34	156.80	1.347 Level 3		
13,400.00	7,172.15	13,255.79	6,994.01	100.64	100.71	-32.49	941.70	6,125.67	211.20	52.10	159.11	1.327 Level 3		
13,500.00	7,171.69	13,355.79	6,993.60	102.08	102.15	-32.54	942.22	6,225.67	211.27	49.85	161.42	1.309 Level 3		
13,600.00	7,171.22	13,455.79	6,993.18	103.52	103.59	-32.60	942.74	6,325.67	211.33	47.60	163.74	1.291 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - LEFFLER 1 N-23B-L - OH - PLAN #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	13,555.79	6,992.77	104.97	105.03	-32.65	943.26	6,425.67	211.40	45.34	166.06	1.273	Level 3	
13,800.00	7,170.29	13,655.79	6,992.35	106.41	106.48	-32.70	943.79	6,525.67	211.46	43.08	168.38	1.256	Level 3	
13,900.00	7,169.83	13,755.79	6,991.94	107.86	107.93	-32.75	944.31	6,625.66	211.53	40.82	170.71	1.239	Level 2	
14,000.00	7,169.36	13,855.78	6,991.52	109.31	109.38	-32.81	944.83	6,725.66	211.59	38.55	173.04	1.223	Level 2	
14,100.00	7,168.90	13,955.78	6,991.11	110.76	110.84	-32.86	945.35	6,825.66	211.66	36.28	175.38	1.207	Level 2	
14,200.00	7,168.44	14,055.78	6,990.69	112.21	112.29	-32.91	945.87	6,925.66	211.73	34.01	177.72	1.191	Level 2	
14,300.00	7,167.97	14,155.78	6,990.27	113.67	113.75	-32.96	946.40	7,025.65	211.79	31.73	180.06	1.176	Level 2	
14,400.00	7,167.51	14,255.78	6,989.86	115.12	115.20	-33.02	946.92	7,125.65	211.86	29.45	182.40	1.161	Level 2	
14,500.00	7,167.04	14,355.78	6,989.44	116.58	116.66	-33.07	947.44	7,225.65	211.93	27.17	184.75	1.147	Level 2	
14,600.00	7,166.58	14,455.78	6,989.03	118.04	118.12	-33.12	947.96	7,325.65	211.99	24.89	187.11	1.133	Level 2	
14,700.00	7,166.11	14,555.78	6,988.61	119.50	119.59	-33.17	948.49	7,425.64	212.06	22.60	189.46	1.119	Level 2	
14,800.00	7,165.65	14,655.78	6,988.20	120.97	121.05	-33.22	949.01	7,525.64	212.13	20.31	191.82	1.106	Level 2	
14,900.00	7,165.18	14,755.78	6,987.78	122.43	122.52	-33.28	949.53	7,625.64	212.19	18.01	194.18	1.093	Level 2	
15,000.00	7,164.72	14,855.78	6,987.37	123.90	123.98	-33.33	950.05	7,725.64	212.26	15.72	196.55	1.080	Level 2	
15,100.00	7,164.25	14,955.78	6,986.95	125.36	125.45	-33.38	950.58	7,825.63	212.33	13.42	198.91	1.067	Level 2	
15,200.00	7,163.79	15,055.78	6,986.54	126.83	126.92	-33.43	951.10	7,925.63	212.40	11.11	201.28	1.055	Level 2	
15,300.00	7,163.32	15,155.78	6,986.12	128.30	128.39	-33.48	951.62	8,025.63	212.46	8.81	203.66	1.043	Level 2	
15,400.00	7,162.86	15,255.78	6,985.71	129.77	129.86	-33.54	952.14	8,125.63	212.53	6.50	206.03	1.032	Level 2	
15,500.00	7,162.39	15,355.78	6,985.29	131.24	131.33	-33.59	952.67	8,225.62	212.60	4.19	208.41	1.020	Level 2	
15,600.00	7,161.93	15,455.78	6,984.88	132.71	132.81	-33.64	953.19	8,325.62	212.67	1.87	210.80	1.009	Level 2	
15,700.00	7,161.47	15,555.78	6,984.46	134.19	134.28	-33.69	953.71	8,425.62	212.74	-0.44	213.18	0.998	Level 1	
15,800.00	7,161.00	15,655.78	6,984.05	135.66	135.76	-33.74	954.23	8,525.62	212.81	-2.76	215.57	0.987	Level 1	
15,900.00	7,160.54	15,755.78	6,983.63	137.14	137.23	-33.79	954.75	8,625.61	212.88	-5.08	217.96	0.977	Level 1	
16,000.00	7,160.07	15,855.78	6,983.22	138.61	138.71	-33.85	955.28	8,725.61	212.94	-7.41	220.35	0.966	Level 1	
16,100.00	7,159.61	15,955.78	6,982.80	140.09	140.19	-33.90	955.80	8,825.61	213.01	-9.74	222.75	0.956	Level 1	
16,200.00	7,159.14	16,055.78	6,982.39	141.57	141.67	-33.95	956.32	8,925.61	213.08	-12.06	225.15	0.946	Level 1	
16,300.00	7,158.68	16,155.78	6,981.97	143.05	143.15	-34.00	956.84	9,025.60	213.15	-14.40	227.55	0.937	Level 1	
16,400.00	7,158.21	16,255.78	6,981.56	144.53	144.63	-34.05	957.37	9,125.60	213.22	-16.73	229.95	0.927	Level 1	
16,500.00	7,157.75	16,355.78	6,981.14	146.01	146.11	-34.10	957.89	9,225.60	213.29	-19.07	232.36	0.918	Level 1	
16,600.00	7,157.28	16,455.78	6,980.72	147.49	147.59	-34.16	958.41	9,325.60	213.36	-21.41	234.77	0.909	Level 1	
16,700.00	7,156.82	16,555.78	6,980.31	148.97	149.07	-34.21	958.93	9,425.59	213.43	-23.75	237.18	0.900	Level 1	
16,800.00	7,156.35	16,655.78	6,979.89	150.45	150.56	-34.26	959.46	9,525.59	213.50	-26.09	239.60	0.891	Level 1	
16,900.00	7,155.89	16,755.78	6,979.48	151.94	152.04	-34.31	959.98	9,625.59	213.57	-28.44	242.01	0.882	Level 1	
17,000.00	7,155.43	16,855.78	6,979.06	153.42	153.53	-34.36	960.50	9,725.59	213.65	-30.79	244.43	0.874	Level 1	
17,100.00	7,154.96	16,955.78	6,978.65	154.90	155.01	-34.41	961.02	9,825.58	213.72	-33.14	246.86	0.866	Level 1	
17,200.00	7,154.50	17,055.78	6,978.23	156.39	156.50	-34.46	961.54	9,925.58	213.79	-35.49	249.28	0.858	Level 1	
17,300.00	7,154.03	17,155.78	6,977.82	157.88	157.99	-34.51	962.07	10,025.58	213.86	-37.85	251.71	0.850	Level 1	
17,400.00	7,153.57	17,255.78	6,977.40	159.36	159.47	-34.57	962.59	10,125.58	213.93	-40.21	254.14	0.842	Level 1	
17,500.00	7,153.10	17,355.78	6,976.99	160.85	160.96	-34.62	963.11	10,225.58	214.00	-42.57	256.57	0.834	Level 1	
17,600.00	7,152.64	17,455.78	6,976.57	162.34	162.45	-34.67	963.63	10,325.57	214.07	-44.93	259.00	0.827	Level 1	
17,700.00	7,152.17	17,555.78	6,976.16	163.83	163.94	-34.72	964.16	10,425.57	214.15	-47.29	261.44	0.819	Level 1	
17,737.15	7,152.00	17,592.93	6,976.00	164.38	164.49	-34.74	964.35	10,462.72	214.17	-48.17	262.35	0.816	Level 1, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.01	39.71	0.00	39.71					
100.00	100.00	100.00	100.00	3.28	3.28	0.01	39.71	0.00	39.71	33.14	6.57	6.046		
200.00	200.00	200.00	200.00	3.34	3.34	0.01	39.71	0.00	39.71	33.04	6.67	5.953		
300.00	300.00	300.00	300.00	3.44	3.44	0.01	39.71	0.00	39.71	32.83	6.88	5.769 CC, ES		
400.00	400.00	399.39	399.39	3.60	3.60	-0.61	40.46	-0.43	40.46	33.26	7.20	5.621		
500.00	499.99	498.75	498.71	3.80	3.80	58.67	42.69	-1.72	42.29	34.69	7.60	5.564		
600.00	599.96	601.96	597.91	4.03	4.05	58.84	46.42	-3.87	44.73	36.64	8.09	5.530		
700.00	699.86	697.88	697.61	4.30	4.31	60.29	50.96	-6.49	47.09	38.47	8.62	5.465		
790.00	789.74	786.33	785.84	4.57	4.57	61.92	56.55	-9.04	50.46	41.30	9.15	5.512		
800.00	799.73	796.14	795.61	4.60	4.60	58.92	57.34	-9.35	50.98	41.77	9.22	5.532		
900.00	899.50	894.20	893.13	4.92	4.92	38.81	67.02	-12.69	56.21	46.35	9.86	5.702		
1,000.00	999.05	992.10	990.09	5.26	5.25	29.05	79.98	-16.52	61.31	50.78	10.53	5.822		
1,077.14	1,075.61	1,067.52	1,064.44	5.53	5.52	24.51	92.19	-19.79	65.16	54.09	11.07	5.888		
1,100.00	1,098.26	1,089.85	1,086.39	5.61	5.60	24.48	96.17	-20.82	66.37	55.15	11.23	5.912		
1,200.00	1,197.35	1,188.74	1,183.31	5.98	5.97	24.12	115.23	-25.56	73.11	61.16	11.95	6.117		
1,300.00	1,296.44	1,288.50	1,281.03	6.35	6.35	23.79	134.70	-30.38	80.10	67.40	12.70	6.305		
1,400.00	1,395.52	1,388.25	1,378.74	6.73	6.73	23.51	154.17	-35.20	87.09	73.62	13.48	6.463		
1,500.00	1,494.61	1,488.00	1,476.46	7.12	7.13	23.28	173.65	-40.01	94.09	79.82	14.27	6.594		
1,600.00	1,593.70	1,587.76	1,574.18	7.52	7.53	23.07	193.12	-44.83	101.08	86.01	15.07	6.706		
1,700.00	1,692.78	1,687.51	1,671.89	7.93	7.95	22.89	212.59	-49.65	108.08	92.19	15.89	6.800		
1,800.00	1,791.87	1,787.27	1,769.61	8.33	8.36	22.74	232.06	-54.47	115.08	98.35	16.72	6.881		
1,900.00	1,890.95	1,887.02	1,867.33	8.75	8.78	22.60	251.53	-59.29	122.08	104.51	17.56	6.951		
2,000.00	1,990.04	1,986.78	1,965.05	9.16	9.21	22.48	271.00	-64.11	129.07	110.66	18.41	7.011		
2,100.00	2,089.13	2,086.53	2,062.76	9.58	9.64	22.37	290.47	-68.93	136.07	116.81	19.27	7.063		
2,200.00	2,188.21	2,186.28	2,160.48	10.01	10.07	22.27	309.94	-73.74	143.07	122.95	20.13	7.109		
2,300.00	2,287.30	2,286.04	2,258.20	10.43	10.50	22.18	329.41	-78.56	150.07	129.08	20.99	7.149		
2,400.00	2,386.39	2,385.79	2,355.91	10.86	10.94	22.09	348.88	-83.38	157.08	135.21	21.87	7.184		
2,500.00	2,485.47	2,485.55	2,453.63	11.29	11.38	22.02	368.36	-88.20	164.08	141.34	22.74	7.215		
2,600.00	2,584.56	2,585.30	2,551.35	11.72	11.82	21.95	387.83	-93.02	171.08	147.46	23.62	7.243		
2,700.00	2,683.65	2,685.06	2,649.06	12.15	12.26	21.88	407.30	-97.84	178.08	153.58	24.50	7.268		
2,800.00	2,782.73	2,784.81	2,746.78	12.58	12.71	21.83	426.77	-102.66	185.08	159.69	25.39	7.290		
2,900.00	2,881.82	2,884.57	2,844.50	13.02	13.16	21.77	446.24	-107.47	192.08	165.81	26.28	7.310		
3,000.00	2,980.91	2,984.32	2,942.21	13.45	13.60	21.72	465.71	-112.29	199.09	171.92	27.17	7.328		
3,100.00	3,079.99	3,084.07	3,039.93	13.89	14.05	21.67	485.18	-117.11	206.09	178.03	28.06	7.344		
3,200.00	3,179.08	3,183.83	3,137.65	14.33	14.50	21.63	504.65	-121.93	213.09	184.13	28.96	7.359		
3,300.00	3,278.17	3,283.58	3,235.37	14.76	14.95	21.59	524.12	-126.75	220.09	190.24	29.85	7.373		
3,400.00	3,377.25	3,383.34	3,333.08	15.20	15.40	21.55	543.59	-131.57	227.09	196.34	30.75	7.385		
3,500.00	3,476.34	3,483.09	3,430.80	15.64	15.85	21.51	563.07	-136.39	234.10	202.45	31.65	7.396		
3,600.00	3,575.43	3,582.85	3,528.52	16.08	16.30	21.48	582.54	-141.20	241.10	208.55	32.55	7.406		
3,700.00	3,674.51	3,682.60	3,626.23	16.53	16.76	21.45	602.01	-146.02	248.10	214.65	33.46	7.416		
3,800.00	3,773.60	3,782.36	3,723.95	16.97	17.21	21.41	621.48	-150.84	255.11	220.75	34.36	7.424		
3,900.00	3,872.69	3,882.11	3,821.67	17.41	17.67	21.39	640.95	-155.66	262.11	226.84	35.27	7.433		
4,000.00	3,971.77	3,981.86	3,919.38	17.85	18.12	21.36	660.42	-160.48	269.11	232.94	36.17	7.440		
4,100.00	4,070.86	4,081.62	4,017.10	18.29	18.58	21.33	679.89	-165.30	276.12	239.04	37.08	7.447		
4,200.00	4,169.95	4,181.37	4,114.82	18.74	19.03	21.31	699.36	-170.12	283.12	245.13	37.99	7.453		
4,300.00	4,269.03	4,281.13	4,212.54	19.18	19.49	21.28	718.83	-174.93	290.12	251.23	38.90	7.459		
4,400.00	4,368.12	4,380.88	4,310.25	19.63	19.94	21.26	738.30	-179.75	297.13	257.32	39.80	7.465		
4,500.00	4,467.21	4,480.64	4,407.97	20.07	20.40	21.24	757.78	-184.57	304.13	263.41	40.71	7.470		
4,600.00	4,566.29	4,580.39	4,505.69	20.52	20.86	21.22	777.25	-189.39	311.13	269.51	41.63	7.475		
4,700.00	4,665.38	4,680.14	4,603.40	20.96	21.31	21.20	796.72	-194.21	318.14	275.60	42.54	7.479		
4,800.00	4,764.47	4,779.90	4,701.12	21.41	21.77	21.18	816.19	-199.03	325.14	281.69	43.45	7.483		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 1 N-23C-L - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
4,900.00	4,863.55	4,879.65	4,798.84	21.85	22.23	21.16	835.66	-203.85	332.14	287.78	44.36	7.487					
5,000.00	4,962.64	4,979.41	4,896.55	22.30	22.69	21.14	855.13	-208.66	339.15	293.87	45.27	7.491					
5,100.00	5,061.73	5,079.16	4,994.27	22.74	23.15	21.13	874.60	-213.48	346.15	299.96	46.19	7.494					
5,200.00	5,160.81	5,178.92	5,091.99	23.19	23.60	21.11	894.07	-218.30	353.15	306.05	47.10	7.498					
5,300.00	5,259.90	5,278.67	5,189.70	23.64	24.06	21.10	913.54	-223.12	360.16	312.14	48.02	7.501					
5,400.00	5,358.99	5,378.43	5,287.42	24.08	24.52	21.08	933.02	-227.94	367.16	318.23	48.93	7.504					
5,500.00	5,458.07	5,478.18	5,385.14	24.53	24.98	21.07	952.49	-232.76	374.16	324.32	49.85	7.506					
5,600.00	5,557.16	5,577.93	5,482.86	24.98	25.44	21.05	971.96	-237.58	381.17	330.41	50.76	7.509					
5,700.00	5,656.25	5,677.69	5,580.57	25.42	25.90	21.04	991.43	-242.40	388.17	336.49	51.68	7.511					
5,800.00	5,755.33	5,777.44	5,678.29	25.87	26.36	21.03	1,010.90	-247.21	395.17	342.58	52.59	7.514					
5,900.00	5,854.42	5,877.20	5,776.01	26.32	26.82	21.02	1,030.37	-252.03	402.18	348.67	53.51	7.516					
6,000.00	5,953.51	5,976.95	5,873.72	26.77	27.28	21.00	1,049.84	-256.85	409.18	354.75	54.43	7.518					
6,100.00	6,052.59	6,076.71	5,971.44	27.21	27.74	20.99	1,069.31	-261.67	416.19	360.84	55.34	7.520					
6,200.00	6,151.68	6,176.46	6,069.16	27.66	28.20	20.98	1,088.78	-266.49	423.19	366.93	56.26	7.522					
6,300.00	6,250.76	6,276.22	6,166.87	28.11	28.66	20.97	1,108.25	-271.31	430.19	373.01	57.18	7.524					
6,400.00	6,349.85	6,375.97	6,264.59	28.56	29.12	20.96	1,127.73	-276.13	437.20	379.10	58.10	7.525					
6,500.00	6,448.94	6,475.72	6,362.31	29.01	29.58	20.95	1,147.20	-280.94	444.20	385.19	59.02	7.527					
6,589.36	6,537.48	6,564.58	6,449.35	29.41	29.99	20.96	1,164.54	-285.10	450.46	390.63	59.83	7.529					
6,600.00	6,548.03	6,574.96	6,459.53	29.45	30.04	14.20	1,166.58	-285.30	451.22	391.29	59.93	7.529					
6,650.00	6,597.61	6,623.71	6,507.30	29.67	30.26	-19.50	1,176.18	-283.98	454.81	394.44	60.37	7.534					
6,700.00	6,647.01	6,672.38	6,554.73	29.89	30.48	-43.21	1,185.80	-278.96	458.45	397.66	60.79	7.541					
6,750.00	6,695.92	6,720.99	6,601.57	30.10	30.69	-56.07	1,195.38	-270.26	462.13	400.92	61.21	7.550					
6,800.00	6,744.04	6,769.55	6,647.56	30.31	30.90	-63.23	1,204.88	-257.96	465.82	404.19	61.62	7.559					
6,850.00	6,791.07	6,818.06	6,692.44	30.51	31.10	-67.56	1,214.23	-242.14	469.50	407.47	62.03	7.569					
6,900.00	6,836.72	6,866.54	6,735.97	30.71	31.30	-70.35	1,223.39	-222.88	473.14	410.71	62.42	7.579					
6,950.00	6,880.71	6,914.99	6,777.90	30.90	31.48	-72.24	1,232.31	-200.31	476.72	413.91	62.82	7.589					
7,000.00	6,922.77	6,963.44	6,818.00	31.08	31.67	-73.57	1,240.93	-174.56	480.23	417.03	63.20	7.599					
7,050.00	6,962.63	7,011.88	6,856.04	31.27	31.84	-74.52	1,249.21	-145.76	483.63	420.05	63.58	7.607					
7,100.00	7,000.07	7,060.33	6,891.83	31.44	32.01	-75.23	1,257.10	-114.08	486.91	422.95	63.96	7.613					
7,150.00	7,034.83	7,108.81	6,925.15	31.62	32.18	-75.75	1,264.56	-79.69	490.05	425.72	64.33	7.618					
7,200.00	7,066.72	7,157.31	6,955.82	31.79	32.35	-76.15	1,271.54	-42.78	493.02	428.32	64.71	7.619					
7,250.00	7,095.52	7,205.85	6,983.65	31.96	32.51	-76.45	1,278.01	-3.55	495.82	430.74	65.08	7.618					
7,300.00	7,121.07	7,254.44	7,008.48	32.13	32.67	-76.69	1,283.92	37.78	498.42	432.96	65.46	7.614					
7,350.00	7,143.21	7,303.09	7,030.17	32.30	32.84	-76.87	1,289.25	80.98	500.81	434.97	65.84	7.606					
7,400.00	7,161.80	7,351.80	7,048.57	32.47	33.00	-77.02	1,293.96	125.82	502.97	436.74	66.23	7.594					
7,450.00	7,176.72	7,400.58	7,063.57	32.64	33.17	-77.14	1,298.01	172.05	504.89	438.28	66.62	7.579					
7,500.00	7,187.89	7,449.43	7,075.06	32.82	33.35	-77.24	1,301.39	219.40	506.57	439.56	67.01	7.560					
7,550.00	7,195.23	7,498.37	7,082.97	32.99	33.52	-77.31	1,304.07	267.61	507.98	440.58	67.40	7.536					
7,600.00	7,198.70	7,547.40	7,087.22	33.17	33.70	-77.38	1,306.04	316.40	509.13	441.33	67.79	7.510					
7,622.60	7,199.00	7,569.58	7,087.93	33.25	33.78	-77.40	1,306.68	338.57	509.55	441.58	67.97	7.497					
7,700.00	7,198.64	7,646.76	7,087.75	33.54	34.08	-77.46	1,308.40	415.72	510.95	442.34	68.61	7.447					
7,800.00	7,198.17	7,746.74	7,087.38	33.98	34.52	-77.51	1,310.60	515.68	512.76	443.23	69.53	7.374					
7,900.00	7,197.71	7,846.72	7,087.00	34.47	35.02	-77.57	1,312.80	615.63	514.57	444.00	70.57	7.291					
8,000.00	7,197.24	7,946.71	7,086.63	35.03	35.58	-77.62	1,314.99	715.59	516.38	444.66	71.73	7.199					
8,100.00	7,196.78	8,046.69	7,086.25	35.64	36.19	-77.68	1,317.19	815.55	518.19	445.21	72.98	7.100					
8,200.00	7,196.31	8,146.67	7,085.88	36.30	36.84	-77.73	1,319.39	915.51	520.01	445.67	74.33	6.995					
8,300.00	7,195.85	8,246.65	7,085.50	37.01	37.55	-77.78	1,321.59	1,015.47	521.82	446.03	75.78	6.886					
8,400.00	7,195.38	8,346.63	7,085.12	37.77	38.30	-77.84	1,323.78	1,115.42	523.63	446.31	77.32	6.772					
8,500.00	7,194.92	8,446.62	7,084.75	38.57	39.09	-77.89	1,325.98	1,215.38	525.44	446.50	78.94	6.656					
8,600.00	7,194.46	8,546.60	7,084.37	39.41	39.93	-77.94	1,328.18	1,315.34	527.26	446.61	80.64	6.538					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 1 N-23C-L - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS															Offset Well Error:		3.28 ft
Reference				Offset		Semi Major Axis			Distance								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,700.00	7,193.99	8,646.58	7,084.00	40.30	40.80	-77.99	1,330.38	1,415.30	529.07	446.65	82.42	6.419					
8,800.00	7,193.53	8,746.56	7,083.62	41.22	41.71	-78.05	1,332.57	1,515.25	530.88	446.62	84.26	6.300					
8,900.00	7,193.06	8,846.55	7,083.25	42.17	42.65	-78.10	1,334.77	1,615.21	532.70	446.53	86.17	6.182					
9,000.00	7,192.60	8,946.53	7,082.87	43.16	43.62	-78.15	1,336.97	1,715.17	534.51	446.37	88.14	6.064					
9,100.00	7,192.13	9,046.51	7,082.49	44.17	44.63	-78.20	1,339.17	1,815.13	536.33	446.16	90.17	5.948					
9,200.00	7,191.67	9,146.49	7,082.12	45.22	45.66	-78.25	1,341.36	1,915.08	538.15	445.90	92.25	5.834					
9,300.00	7,191.20	9,249.88	7,081.73	46.29	46.75	-78.30	1,343.58	2,018.45	539.91	445.53	94.38	5.720					
9,400.00	7,190.74	9,358.14	7,081.32	47.38	47.92	-78.31	1,343.92	2,126.70	539.85	443.28	96.57	5.590					
9,500.00	7,190.27	9,458.14	7,080.95	48.50	49.03	-78.31	1,343.91	2,226.70	539.51	440.72	98.79	5.461					
9,600.00	7,189.81	9,558.14	7,080.57	49.64	50.15	-78.31	1,343.90	2,326.70	539.16	438.11	101.05	5.336					
9,700.00	7,189.34	9,658.14	7,080.20	50.80	51.30	-78.31	1,343.89	2,426.70	538.82	435.47	103.35	5.213					
9,800.00	7,188.88	9,758.14	7,079.82	51.98	52.47	-78.32	1,343.88	2,526.70	538.48	432.79	105.69	5.095					
9,900.00	7,188.41	9,858.14	7,079.44	53.17	53.65	-78.32	1,343.88	2,626.70	538.13	430.07	108.06	4.980					
10,000.00	7,187.95	9,958.14	7,079.07	54.38	54.85	-78.32	1,343.87	2,726.70	537.79	427.33	110.46	4.869					
10,100.00	7,187.49	10,058.14	7,078.69	55.61	56.06	-78.32	1,343.86	2,826.69	537.44	424.56	112.89	4.761					
10,200.00	7,187.02	10,158.14	7,078.32	56.85	57.29	-78.32	1,343.85	2,926.69	537.10	421.76	115.34	4.656					
10,300.00	7,186.56	10,258.14	7,077.94	58.10	58.54	-78.33	1,343.84	3,026.69	536.76	418.93	117.83	4.555					
10,400.00	7,186.09	10,358.14	7,077.57	59.37	59.79	-78.33	1,343.83	3,126.69	536.41	416.08	120.33	4.458					
10,500.00	7,185.63	10,458.14	7,077.19	60.64	61.06	-78.33	1,343.83	3,226.69	536.07	413.21	122.86	4.363					
10,600.00	7,185.16	10,558.13	7,076.81	61.93	62.34	-78.33	1,343.82	3,326.69	535.73	410.31	125.41	4.272					
10,700.00	7,184.70	10,658.13	7,076.44	63.23	63.63	-78.33	1,343.81	3,426.69	535.38	407.40	127.98	4.183					
10,800.00	7,184.23	10,758.13	7,076.06	64.54	64.93	-78.34	1,343.80	3,526.69	535.04	404.47	130.57	4.098					
10,900.00	7,183.77	10,858.13	7,075.69	65.85	66.24	-78.34	1,343.79	3,626.68	534.69	401.52	133.18	4.015					
11,000.00	7,183.30	10,958.13	7,075.31	67.18	67.55	-78.34	1,343.78	3,726.68	534.35	398.55	135.80	3.935					
11,100.00	7,182.84	11,058.13	7,074.94	68.51	68.88	-78.34	1,343.78	3,826.68	534.01	395.57	138.44	3.857					
11,200.00	7,182.37	11,158.13	7,074.56	69.85	70.21	-78.35	1,343.77	3,926.68	533.66	392.57	141.09	3.782					
11,300.00	7,181.91	11,258.13	7,074.18	71.20	71.55	-78.35	1,343.76	4,026.68	533.32	389.56	143.76	3.710					
11,400.00	7,181.45	11,358.13	7,073.81	72.56	72.90	-78.35	1,343.75	4,126.68	532.98	386.54	146.44	3.640					
11,500.00	7,180.98	11,458.13	7,073.43	73.92	74.25	-78.35	1,343.74	4,226.68	532.63	383.50	149.13	3.572					
11,600.00	7,180.52	11,558.13	7,073.06	75.29	75.62	-78.35	1,343.74	4,326.68	532.29	380.45	151.84	3.506					
11,700.00	7,180.05	11,658.13	7,072.68	76.66	76.98	-78.36	1,343.73	4,426.67	531.95	377.39	154.55	3.442					
11,800.00	7,179.59	11,758.13	7,072.30	78.04	78.35	-78.36	1,343.72	4,526.67	531.60	374.32	157.28	3.380					
11,900.00	7,179.12	11,858.13	7,071.93	79.42	79.73	-78.36	1,343.71	4,626.67	531.26	371.24	160.02	3.320					
12,000.00	7,178.66	11,958.13	7,071.55	80.81	81.11	-78.36	1,343.70	4,726.67	530.91	368.15	162.76	3.262					
12,100.00	7,178.19	12,058.13	7,071.18	82.20	82.50	-78.36	1,343.69	4,826.67	530.57	365.05	165.52	3.206					
12,200.00	7,177.73	12,158.13	7,070.80	83.60	83.89	-78.37	1,343.69	4,926.67	530.23	361.94	168.28	3.151					
12,300.00	7,177.26	12,258.12	7,070.43	85.00	85.29	-78.37	1,343.68	5,026.67	529.88	358.83	171.05	3.098					
12,400.00	7,176.80	12,358.12	7,070.05	86.41	86.69	-78.37	1,343.67	5,126.66	529.54	355.70	173.84	3.046					
12,500.00	7,176.33	12,458.12	7,069.67	87.82	88.09	-78.37	1,343.66	5,226.66	529.20	352.57	176.62	2.996					
12,600.00	7,175.87	12,558.12	7,069.30	89.23	89.50	-78.38	1,343.65	5,326.66	528.85	349.43	179.42	2.948					
12,700.00	7,175.40	12,658.12	7,068.92	90.65	90.91	-78.38	1,343.64	5,426.66	528.51	346.29	182.22	2.900					
12,800.00	7,174.94	12,758.12	7,068.55	92.07	92.33	-78.38	1,343.64	5,526.66	528.17	343.14	185.03	2.855					
12,900.00	7,174.48	12,858.12	7,068.17	93.49	93.75	-78.38	1,343.63	5,626.66	527.82	339.98	187.84	2.810					
13,000.00	7,174.01	12,958.12	7,067.79	94.91	95.17	-78.38	1,343.62	5,726.66	527.48	336.82	190.66	2.767					
13,100.00	7,173.55	13,058.12	7,067.42	96.34	96.59	-78.39	1,343.61	5,826.66	527.13	333.65	193.49	2.724					
13,200.00	7,173.08	13,158.12	7,067.04	97.77	98.02	-78.39	1,343.60	5,926.65	526.79	330.47	196.32	2.683					
13,300.00	7,172.62	13,258.12	7,066.67	99.21	99.45	-78.39	1,343.60	6,026.65	526.45	327.29	199.16	2.643					
13,400.00	7,172.15	13,358.12	7,066.29	100.64	100.88	-78.39	1,343.59	6,126.65	526.10	324.11	202.00	2.605					
13,500.00	7,171.69	13,458.12	7,065.92	102.08	102.32	-78.39	1,343.58	6,226.65	525.76	320.92	204.84	2.567					
13,600.00	7,171.22	13,558.12	7,065.54	103.52	103.75	-78.40	1,343.57	6,326.65	525.42	317.72	207.69	2.530					
13,700.00	7,170.76	13,658.12	7,065.16	104.97	105.19	-78.40	1,343.56	6,426.65	525.07	314.52	210.55	2.494					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	13,758.12	7,064.79	106.41	106.64	-78.40	1,343.55	6,526.65	524.73	311.32	213.41	2.459		
13,900.00	7,169.83	13,858.12	7,064.41	107.86	108.08	-78.40	1,343.55	6,626.65	524.38	308.11	216.27	2.425		
14,000.00	7,169.36	13,958.11	7,064.04	109.31	109.53	-78.41	1,343.54	6,726.64	524.04	304.90	219.14	2.391		
14,100.00	7,168.90	14,058.11	7,063.66	110.76	110.97	-78.41	1,343.53	6,826.64	523.70	301.69	222.01	2.359		
14,200.00	7,168.44	14,158.11	7,063.28	112.21	112.42	-78.41	1,343.52	6,926.64	523.35	298.47	224.89	2.327		
14,300.00	7,167.97	14,258.11	7,062.91	113.67	113.88	-78.41	1,343.51	7,026.64	523.01	295.25	227.76	2.296		
14,400.00	7,167.51	14,358.11	7,062.53	115.12	115.33	-78.41	1,343.50	7,126.64	522.67	292.02	230.65	2.266		
14,500.00	7,167.04	14,458.11	7,062.16	116.58	116.79	-78.42	1,343.50	7,226.64	522.32	288.79	233.53	2.237		
14,600.00	7,166.58	14,558.11	7,061.78	118.04	118.24	-78.42	1,343.49	7,326.64	521.98	285.56	236.42	2.208		
14,700.00	7,166.11	14,658.11	7,061.41	119.50	119.70	-78.42	1,343.48	7,426.63	521.64	282.33	239.31	2.180		
14,800.00	7,165.65	14,758.11	7,061.03	120.97	121.16	-78.42	1,343.47	7,526.63	521.29	279.09	242.20	2.152		
14,900.00	7,165.18	14,858.11	7,060.65	122.43	122.62	-78.43	1,343.46	7,626.63	520.95	275.85	245.10	2.125		
15,000.00	7,164.72	14,958.11	7,060.28	123.90	124.08	-78.43	1,343.46	7,726.63	520.60	272.61	248.00	2.099		
15,100.00	7,164.25	15,058.11	7,059.90	125.36	125.55	-78.43	1,343.45	7,826.63	520.26	269.36	250.90	2.074		
15,200.00	7,163.79	15,158.11	7,059.53	126.83	127.01	-78.43	1,343.44	7,926.63	519.92	266.11	253.81	2.048		
15,300.00	7,163.32	15,258.11	7,059.15	128.30	128.48	-78.43	1,343.43	8,026.63	519.57	262.86	256.71	2.024		
15,400.00	7,162.86	15,358.11	7,058.77	129.77	129.95	-78.44	1,343.42	8,126.63	519.23	259.61	259.62	2.000		
15,500.00	7,162.39	15,458.11	7,058.40	131.24	131.42	-78.44	1,343.41	8,226.62	518.89	256.35	262.53	1.976		
15,600.00	7,161.93	15,558.11	7,058.02	132.71	132.89	-78.44	1,343.41	8,326.62	518.54	253.10	265.45	1.953		
15,700.00	7,161.47	15,658.10	7,057.65	134.19	134.36	-78.44	1,343.40	8,426.62	518.20	249.84	268.36	1.931		
15,800.00	7,161.00	15,758.10	7,057.27	135.66	135.83	-78.45	1,343.39	8,526.62	517.86	246.58	271.28	1.909		
15,900.00	7,160.54	15,858.10	7,056.90	137.14	137.30	-78.45	1,343.38	8,626.62	517.51	243.31	274.20	1.887		
16,000.00	7,160.07	15,958.10	7,056.52	138.61	138.78	-78.45	1,343.37	8,726.62	517.17	240.05	277.12	1.866		
16,100.00	7,159.61	16,058.10	7,056.14	140.09	140.25	-78.45	1,343.36	8,826.62	516.82	236.78	280.05	1.846		
16,200.00	7,159.14	16,158.10	7,055.77	141.57	141.73	-78.45	1,343.36	8,926.62	516.48	233.51	282.97	1.825		
16,300.00	7,158.68	16,258.10	7,055.39	143.05	143.21	-78.46	1,343.35	9,026.61	516.14	230.24	285.90	1.805		
16,400.00	7,158.21	16,358.10	7,055.02	144.53	144.69	-78.46	1,343.34	9,126.61	515.79	226.97	288.83	1.786		
16,500.00	7,157.75	16,458.10	7,054.64	146.01	146.16	-78.46	1,343.33	9,226.61	515.45	223.69	291.76	1.767		
16,600.00	7,157.28	16,558.10	7,054.26	147.49	147.64	-78.46	1,343.32	9,326.61	515.11	220.42	294.69	1.748		
16,700.00	7,156.82	16,658.10	7,053.89	148.97	149.12	-78.47	1,343.32	9,426.61	514.76	217.14	297.62	1.730		
16,800.00	7,156.35	16,758.10	7,053.51	150.45	150.61	-78.47	1,343.31	9,526.61	514.42	213.86	300.56	1.712		
16,900.00	7,155.89	16,858.10	7,053.14	151.94	152.09	-78.47	1,343.30	9,626.61	514.08	210.58	303.49	1.694		
17,000.00	7,155.43	16,958.10	7,052.76	153.42	153.57	-78.47	1,343.29	9,726.61	513.73	207.30	306.43	1.676		
17,100.00	7,154.96	17,058.10	7,052.39	154.90	155.05	-78.48	1,343.28	9,826.60	513.39	204.02	309.37	1.659		
17,200.00	7,154.50	17,158.10	7,052.01	156.39	156.54	-78.48	1,343.27	9,926.60	513.04	200.73	312.31	1.643		
17,300.00	7,154.03	17,258.10	7,051.63	157.88	158.02	-78.48	1,343.27	10,026.60	512.70	197.45	315.26	1.626		
17,400.00	7,153.57	17,358.09	7,051.26	159.36	159.51	-78.48	1,343.26	10,126.60	512.36	194.16	318.20	1.610		
17,500.00	7,153.10	17,458.09	7,050.88	160.85	160.99	-78.48	1,343.25	10,226.60	512.01	190.87	321.14	1.594		
17,600.00	7,152.64	17,558.09	7,050.51	162.34	162.48	-78.49	1,343.24	10,326.60	511.67	187.58	324.09	1.579		
17,700.00	7,152.17	17,658.09	7,050.13	163.83	163.97	-78.49	1,343.23	10,426.60	511.33	184.29	327.04	1.564		
17,737.15	7,152.00	17,695.24	7,049.99	164.38	164.52	-78.49	1,343.23	10,463.75	511.20	183.07	328.13	1.558 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.00	59.74	0.00	59.74					
100.00	100.00	100.00	100.00	3.28	3.28	0.00	59.74	0.00	59.74	53.17	6.57	9.095		
200.00	200.00	200.00	200.00	3.34	3.34	0.00	59.74	0.00	59.74	53.07	6.67	8.956		
300.00	300.00	300.00	300.00	3.44	3.44	0.00	59.74	0.00	59.74	52.85	6.88	8.679		
400.00	400.00	400.00	400.00	3.60	3.60	0.00	59.74	0.00	59.74	52.54	7.20	8.300		
500.00	499.99	499.99	499.99	3.80	3.80	60.73	59.74	0.00	59.31	51.71	7.60	7.805		
533.80	533.79	533.13	533.13	3.87	3.88	61.26	59.92	-0.04	59.16	51.41	7.75	7.633 CC, ES		
600.00	599.96	598.01	597.99	4.03	4.04	62.51	61.37	-0.37	59.72	51.65	8.07	7.397		
700.00	699.86	695.93	695.77	4.30	4.30	64.75	66.27	-1.46	62.71	54.09	8.62	7.276		
790.00	789.74	783.86	783.39	4.57	4.56	66.41	73.45	-3.07	67.92	58.76	9.16	7.418		
800.00	799.73	793.61	793.10	4.60	4.60	63.40	74.41	-3.28	68.65	59.43	9.22	7.448		
900.00	899.50	891.04	889.82	4.92	4.91	43.15	85.74	-5.81	75.78	65.92	9.85	7.690		
1,000.00	999.05	988.28	985.92	5.26	5.24	33.23	100.25	-9.06	82.66	72.14	10.52	7.856		
1,077.14	1,075.61	1,063.16	1,059.54	5.53	5.51	28.54	113.58	-12.04	87.79	76.74	11.05	7.944		
1,100.00	1,098.26	1,085.32	1,081.26	5.61	5.59	28.47	117.89	-13.00	89.37	78.16	11.21	7.972		
1,200.00	1,197.35	1,182.50	1,176.07	5.98	5.95	27.79	138.65	-17.64	98.18	86.25	11.93	8.231		
1,300.00	1,296.44	1,282.00	1,272.90	6.35	6.33	27.00	160.99	-22.63	108.08	95.40	12.68	8.527		
1,400.00	1,395.52	1,381.50	1,369.74	6.73	6.71	26.35	183.33	-27.63	117.99	104.54	13.45	8.775		
1,500.00	1,494.61	1,481.00	1,466.57	7.12	7.11	25.80	205.67	-32.62	127.92	113.68	14.24	8.985		
1,600.00	1,593.70	1,580.50	1,563.40	7.52	7.52	25.33	228.01	-37.61	137.85	122.81	15.04	9.164		
1,700.00	1,692.78	1,680.00	1,660.23	7.93	7.93	24.92	250.35	-42.61	147.80	131.94	15.86	9.317		
1,800.00	1,791.87	1,779.49	1,757.06	8.33	8.35	24.56	272.68	-47.60	157.75	141.05	16.70	9.449		
1,900.00	1,890.95	1,878.99	1,853.89	8.75	8.77	24.25	295.02	-52.59	167.71	150.17	17.54	9.563		
2,000.00	1,990.04	1,978.49	1,950.72	9.16	9.20	23.97	317.36	-57.59	177.67	159.28	18.39	9.662		
2,100.00	2,089.13	2,077.99	2,047.55	9.58	9.64	23.72	339.70	-62.58	187.63	168.39	19.25	9.749		
2,200.00	2,188.21	2,177.49	2,144.38	10.01	10.07	23.50	362.04	-67.57	197.60	177.49	20.11	9.825		
2,300.00	2,287.30	2,276.99	2,241.21	10.43	10.51	23.29	384.38	-72.57	207.57	186.59	20.98	9.892		
2,400.00	2,386.39	2,376.49	2,338.04	10.86	10.96	23.11	406.71	-77.56	217.55	195.69	21.86	9.952		
2,500.00	2,485.47	2,475.99	2,434.87	11.29	11.40	22.94	429.05	-82.55	227.52	204.78	22.74	10.006		
2,600.00	2,584.56	2,575.49	2,531.70	11.72	11.85	22.79	451.39	-87.55	237.50	213.87	23.62	10.053		
2,700.00	2,683.65	2,674.99	2,628.53	12.15	12.30	22.65	473.73	-92.54	247.48	222.96	24.51	10.096		
2,800.00	2,782.73	2,774.49	2,725.36	12.58	12.75	22.52	496.07	-97.53	257.46	232.05	25.40	10.135		
2,900.00	2,881.82	2,873.98	2,822.19	13.02	13.20	22.39	518.41	-102.52	267.44	241.14	26.30	10.170		
3,000.00	2,980.91	2,973.48	2,919.02	13.45	13.65	22.28	540.75	-107.52	277.42	250.23	27.19	10.202		
3,100.00	3,079.99	3,072.98	3,015.85	13.89	14.10	22.18	563.08	-112.51	287.40	259.31	28.09	10.231		
3,200.00	3,179.08	3,172.48	3,112.68	14.33	14.56	22.08	585.42	-117.50	297.39	268.39	28.99	10.257		
3,300.00	3,278.17	3,271.98	3,209.51	14.76	15.01	21.99	607.76	-122.50	307.37	277.48	29.90	10.281		
3,400.00	3,377.25	3,371.48	3,306.34	15.20	15.47	21.90	630.10	-127.49	317.36	286.56	30.80	10.303		
3,500.00	3,476.34	3,470.98	3,403.17	15.64	15.93	21.82	652.44	-132.48	327.34	295.64	31.71	10.324		
3,600.00	3,575.43	3,570.48	3,500.01	16.08	16.39	21.75	674.78	-137.48	337.33	304.72	32.62	10.343		
3,700.00	3,674.51	3,669.98	3,596.84	16.53	16.85	21.68	697.12	-142.47	347.32	313.79	33.52	10.360		
3,800.00	3,773.60	3,769.48	3,693.67	16.97	17.31	21.61	719.45	-147.46	357.31	322.87	34.44	10.376		
3,900.00	3,872.69	3,868.98	3,790.50	17.41	17.77	21.55	741.79	-152.46	367.29	331.95	35.35	10.391		
4,000.00	3,971.77	3,968.48	3,887.33	17.85	18.23	21.49	764.13	-157.45	377.28	341.02	36.26	10.405		
4,100.00	4,070.86	4,067.97	3,984.16	18.29	18.69	21.43	786.47	-162.44	387.27	350.10	37.17	10.418		
4,200.00	4,169.95	4,167.47	4,080.99	18.74	19.15	21.38	808.81	-167.44	397.26	359.17	38.09	10.430		
4,300.00	4,269.03	4,266.97	4,177.82	19.18	19.61	21.33	831.15	-172.43	407.25	368.25	39.00	10.441		
4,400.00	4,368.12	4,366.47	4,274.65	19.63	20.08	21.28	853.48	-177.42	417.24	377.32	39.92	10.452		
4,500.00	4,467.21	4,465.97	4,371.48	20.07	20.54	21.23	875.82	-182.42	427.23	386.40	40.84	10.462		
4,600.00	4,566.29	4,565.47	4,468.31	20.52	21.00	21.19	898.16	-187.41	437.22	395.47	41.75	10.471		
4,700.00	4,665.38	4,664.97	4,565.14	20.96	21.47	21.14	920.50	-192.40	447.21	404.54	42.67	10.480		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - LEFFLER 26C-23-L - OH - PLAN #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
4,800.00	4,764.47	4,764.47	4,661.97	21.41	21.93	21.10	942.84	-197.40	457.21	413.61	43.59	10.488		
4,900.00	4,863.55	4,863.97	4,758.80	21.85	22.39	21.06	965.18	-202.39	467.20	422.69	44.51	10.496		
5,000.00	4,962.64	4,963.47	4,855.63	22.30	22.86	21.03	987.52	-207.38	477.19	431.76	45.43	10.504		
5,100.00	5,061.73	5,062.97	4,952.46	22.74	23.32	20.99	1,009.85	-212.38	487.18	440.83	46.35	10.510		
5,200.00	5,160.81	5,162.46	5,049.29	23.19	23.79	20.96	1,032.19	-217.37	497.17	449.90	47.27	10.517		
5,300.00	5,259.90	5,261.96	5,146.12	23.64	24.25	20.92	1,054.53	-222.36	507.16	458.97	48.19	10.523		
5,400.00	5,358.99	5,361.46	5,242.95	24.08	24.72	20.89	1,076.87	-227.36	517.16	468.04	49.12	10.529		
5,500.00	5,458.07	5,460.96	5,339.78	24.53	25.19	20.86	1,099.21	-232.35	527.15	477.11	50.04	10.535		
5,600.00	5,557.16	5,560.46	5,436.61	24.98	25.65	20.83	1,121.55	-237.34	537.14	486.18	50.96	10.540		
5,700.00	5,656.25	5,659.96	5,533.44	25.42	26.12	20.80	1,143.88	-242.34	547.13	495.25	51.88	10.545		
5,800.00	5,755.33	5,759.46	5,630.27	25.87	26.58	20.78	1,166.22	-247.33	557.13	504.32	52.81	10.550		
5,900.00	5,854.42	5,858.96	5,727.11	26.32	27.05	20.75	1,188.56	-252.32	567.12	513.39	53.73	10.555		
6,000.00	5,953.51	5,958.46	5,823.94	26.77	27.52	20.72	1,210.90	-257.32	577.11	522.46	54.66	10.559		
6,100.00	6,052.59	6,057.96	5,920.77	27.21	27.98	20.70	1,233.24	-262.31	587.11	531.53	55.58	10.563		
6,200.00	6,151.68	6,157.46	6,017.60	27.66	28.45	20.68	1,255.58	-267.30	597.10	540.60	56.50	10.567		
6,300.00	6,250.76	6,256.95	6,114.43	28.11	28.92	20.65	1,277.92	-272.30	607.09	549.66	57.43	10.571		
6,400.00	6,349.85	6,356.45	6,211.26	28.56	29.38	20.63	1,300.25	-277.29	617.09	558.73	58.35	10.575		
6,500.00	6,448.94	6,455.95	6,308.09	29.01	29.85	20.61	1,322.59	-282.28	627.08	567.80	59.28	10.578		
6,589.36	6,537.48	6,544.86	6,394.61	29.41	30.27	20.59	1,342.55	-286.74	636.01	575.90	60.11	10.581		
6,600.00	6,548.03	6,555.45	6,404.92	29.45	30.32	13.82	1,344.93	-287.27	637.07	576.87	60.21	10.582		
6,650.00	6,597.61	6,605.10	6,453.24	29.67	30.55	-20.12	1,356.08	-289.77	642.06	581.40	60.67	10.584		
6,700.00	6,647.01	6,654.38	6,501.19	29.89	30.78	-44.41	1,367.14	-292.24	647.07	585.95	61.12	10.587		
6,750.00	6,695.92	6,702.97	6,548.48	30.10	31.01	-58.13	1,378.05	-294.68	652.17	590.61	61.56	10.593		
6,800.00	6,744.04	6,752.66	6,596.88	30.31	31.24	-66.33	1,389.22	-295.52	657.46	595.44	62.02	10.601		
6,850.00	6,791.07	6,803.53	6,646.34	30.51	31.48	-71.67	1,400.66	-292.38	662.89	600.40	62.49	10.608		
6,900.00	6,836.72	6,855.55	6,696.49	30.71	31.71	-75.45	1,412.27	-284.99	668.41	605.45	62.96	10.617		
6,950.00	6,880.71	6,908.79	6,747.02	30.90	31.94	-78.30	1,423.99	-273.10	673.97	610.55	63.43	10.626		
7,000.00	6,922.77	6,963.30	6,797.57	31.08	32.17	-80.54	1,435.74	-256.48	679.53	615.64	63.89	10.636		
7,050.00	6,962.63	7,019.15	6,847.73	31.27	32.39	-82.37	1,447.41	-234.91	685.02	620.69	64.33	10.649		
7,100.00	7,000.07	7,076.37	6,897.00	31.44	32.61	-83.90	1,458.91	-208.22	690.39	625.64	64.75	10.663		
7,150.00	7,034.83	7,134.98	6,944.83	31.62	32.82	-85.20	1,470.09	-176.29	695.56	630.42	65.14	10.678		
7,200.00	7,066.72	7,195.00	6,990.63	31.79	33.03	-86.31	1,480.83	-139.06	700.47	634.98	65.49	10.695		
7,250.00	7,095.52	7,256.39	7,033.73	31.96	33.24	-87.26	1,490.97	-96.56	705.04	639.23	65.81	10.713		
7,300.00	7,121.07	7,319.11	7,073.43	32.13	33.44	-88.07	1,500.34	-48.96	709.22	643.11	66.11	10.729		
7,350.00	7,143.21	7,383.06	7,109.01	32.30	33.65	-88.75	1,508.79	3.48	712.92	646.54	66.38	10.741		
7,400.00	7,161.80	7,448.14	7,139.76	32.47	33.86	-89.30	1,516.14	60.33	716.09	649.45	66.64	10.746		
7,450.00	7,176.72	7,514.17	7,165.02	32.64	34.07	-89.74	1,522.24	121.00	718.67	651.77	66.90	10.743		
7,500.00	7,187.89	7,580.97	7,184.20	32.82	34.30	-90.05	1,526.94	184.78	720.62	653.44	67.18	10.727		
7,550.00	7,195.23	7,648.31	7,196.85	32.99	34.53	-90.24	1,530.15	250.82	721.89	654.41	67.48	10.697		
7,600.00	7,198.70	7,715.95	7,202.63	33.17	34.77	-90.32	1,531.78	318.16	722.47	654.64	67.82	10.652		
7,622.60	7,199.00	7,746.55	7,202.95	33.25	34.88	-90.31	1,531.99	348.75	722.50	654.51	67.99	10.627		
7,624.96	7,198.99	7,747.44	7,202.97	33.26	34.89	-90.32	1,532.00	349.64	722.50	654.50	68.00	10.625		
7,700.00	7,198.64	7,822.48	7,202.65	33.54	35.19	-90.32	1,532.25	424.67	722.51	653.97	68.54	10.541		
7,800.00	7,198.17	7,922.48	7,202.23	33.98	35.63	-90.32	1,532.59	524.67	722.52	653.15	69.37	10.415		
7,900.00	7,197.71	8,022.48	7,201.80	34.47	36.13	-90.32	1,532.93	624.67	722.54	652.22	70.32	10.275		
8,000.00	7,197.24	8,122.48	7,201.38	35.03	36.69	-90.33	1,533.27	724.67	722.55	651.16	71.39	10.121		
8,100.00	7,196.78	8,222.48	7,200.95	35.64	37.29	-90.33	1,533.60	824.67	722.57	650.00	72.57	9.957		
8,200.00	7,196.31	8,322.48	7,200.53	36.30	37.94	-90.33	1,533.94	924.67	722.58	648.72	73.86	9.784		
8,300.00	7,195.85	8,422.48	7,200.10	37.01	38.64	-90.34	1,534.28	1,024.66	722.59	647.35	75.24	9.604		
8,400.00	7,195.38	8,522.48	7,199.68	37.77	39.39	-90.34	1,534.62	1,124.66	722.61	645.88	76.72	9.418		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.00	7,194.92	8,622.48	7,199.25	38.57	40.17	-90.34	1,534.96	1,224.66	722.62	644.33	78.30	9.229		
8,600.00	7,194.46	8,722.48	7,198.83	39.41	41.00	-90.35	1,535.29	1,324.66	722.64	642.68	79.95	9.038		
8,700.00	7,193.99	8,822.48	7,198.40	40.30	41.86	-90.35	1,535.63	1,424.66	722.65	640.96	81.69	8.847		
8,800.00	7,193.53	8,922.48	7,197.98	41.22	42.76	-90.35	1,535.97	1,524.66	722.66	639.17	83.50	8.655		
8,900.00	7,193.06	9,022.48	7,197.55	42.17	43.69	-90.36	1,536.31	1,624.66	722.68	637.30	85.38	8.465		
9,000.00	7,192.60	9,122.48	7,197.13	43.16	44.65	-90.36	1,536.65	1,724.65	722.69	635.37	87.32	8.276		
9,100.00	7,192.13	9,222.48	7,196.70	44.17	45.64	-90.36	1,536.98	1,824.65	722.71	633.38	89.33	8.090		
9,200.00	7,191.67	9,322.48	7,196.28	45.22	46.66	-90.37	1,537.32	1,924.65	722.72	631.33	91.39	7.908		
9,300.00	7,191.20	9,422.48	7,195.85	46.29	47.71	-90.37	1,537.66	2,024.65	722.73	629.23	93.51	7.729		
9,400.00	7,190.74	9,522.48	7,195.43	47.38	48.78	-90.37	1,538.00	2,124.65	722.75	627.08	95.67	7.554		
9,500.00	7,190.27	9,622.48	7,195.00	48.50	49.87	-90.38	1,538.34	2,224.65	722.76	624.88	97.88	7.384		
9,600.00	7,189.81	9,722.48	7,194.58	49.64	50.99	-90.38	1,538.68	2,324.64	722.78	622.64	100.14	7.218		
9,700.00	7,189.34	9,822.48	7,194.15	50.80	52.12	-90.38	1,539.01	2,424.64	722.79	620.36	102.43	7.056		
9,800.00	7,188.88	9,922.48	7,193.73	51.98	53.28	-90.38	1,539.35	2,524.64	722.80	618.04	104.77	6.899		
9,900.00	7,188.41	10,022.48	7,193.30	53.17	54.45	-90.39	1,539.69	2,624.64	722.82	615.68	107.14	6.747		
10,000.00	7,187.95	10,122.48	7,192.88	54.38	55.63	-90.39	1,540.03	2,724.64	722.83	613.29	109.54	6.599		
10,100.00	7,187.49	10,222.48	7,192.45	55.61	56.84	-90.39	1,540.37	2,824.64	722.85	610.88	111.97	6.456		
10,200.00	7,187.02	10,322.48	7,192.03	56.85	58.06	-90.40	1,540.70	2,924.64	722.86	608.43	114.43	6.317		
10,300.00	7,186.56	10,422.48	7,191.60	58.10	59.29	-90.40	1,541.04	3,024.63	722.87	605.95	116.92	6.183		
10,400.00	7,186.09	10,522.48	7,191.18	59.37	60.53	-90.40	1,541.38	3,124.63	722.89	603.45	119.43	6.053		
10,500.00	7,185.63	10,622.48	7,190.75	60.64	61.79	-90.41	1,541.72	3,224.63	722.90	600.93	121.97	5.927		
10,600.00	7,185.16	10,722.48	7,190.33	61.93	63.06	-90.41	1,542.06	3,324.63	722.92	598.38	124.53	5.805		
10,700.00	7,184.70	10,822.48	7,189.90	63.23	64.34	-90.41	1,542.39	3,424.63	722.93	595.82	127.11	5.687		
10,800.00	7,184.23	10,922.48	7,189.48	64.54	65.63	-90.42	1,542.73	3,524.63	722.94	593.23	129.71	5.573		
10,900.00	7,183.77	11,022.48	7,189.05	65.85	66.93	-90.42	1,543.07	3,624.63	722.96	590.62	132.33	5.463		
11,000.00	7,183.30	11,122.48	7,188.63	67.18	68.24	-90.42	1,543.41	3,724.62	722.97	588.00	134.97	5.357		
11,100.00	7,182.84	11,222.48	7,188.20	68.51	69.55	-90.43	1,543.75	3,824.62	722.99	585.36	137.62	5.253		
11,200.00	7,182.37	11,322.48	7,187.78	69.85	70.88	-90.43	1,544.08	3,924.62	723.00	582.71	140.29	5.154		
11,300.00	7,181.91	11,422.48	7,187.35	71.20	72.21	-90.43	1,544.42	4,024.62	723.01	580.04	142.98	5.057		
11,400.00	7,181.45	11,522.48	7,186.93	72.56	73.55	-90.43	1,544.76	4,124.62	723.03	577.35	145.67	4.963		
11,500.00	7,180.98	11,622.48	7,186.50	73.92	74.89	-90.44	1,545.10	4,224.62	723.04	574.66	148.38	4.873		
11,600.00	7,180.52	11,722.48	7,186.08	75.29	76.25	-90.44	1,545.44	4,324.62	723.06	571.95	151.11	4.785		
11,700.00	7,180.05	11,822.48	7,185.65	76.66	77.61	-90.44	1,545.77	4,424.61	723.07	569.23	153.84	4.700		
11,800.00	7,179.59	11,922.48	7,185.23	78.04	78.97	-90.45	1,546.11	4,524.61	723.08	566.50	156.59	4.618		
11,900.00	7,179.12	12,022.48	7,184.80	79.42	80.34	-90.45	1,546.45	4,624.61	723.10	563.75	159.34	4.538		
12,000.00	7,178.66	12,122.48	7,184.38	80.81	81.72	-90.45	1,546.79	4,724.61	723.11	561.00	162.11	4.461		
12,100.00	7,178.19	12,222.48	7,183.95	82.20	83.10	-90.46	1,547.13	4,824.61	723.13	558.24	164.89	4.386		
12,200.00	7,177.73	12,322.48	7,183.53	83.60	84.48	-90.46	1,547.47	4,924.61	723.14	555.47	167.67	4.313		
12,300.00	7,177.26	12,422.48	7,183.10	85.00	85.87	-90.46	1,547.80	5,024.60	723.15	552.69	170.47	4.242		
12,400.00	7,176.80	12,522.48	7,182.68	86.41	87.27	-90.47	1,548.14	5,124.60	723.17	549.90	173.27	4.174		
12,500.00	7,176.33	12,622.48	7,182.25	87.82	88.66	-90.47	1,548.48	5,224.60	723.18	547.11	176.08	4.107		
12,600.00	7,175.87	12,722.48	7,181.83	89.23	90.07	-90.47	1,548.82	5,324.60	723.20	544.30	178.89	4.043		
12,700.00	7,175.40	12,822.48	7,181.40	90.65	91.47	-90.48	1,549.16	5,424.60	723.21	541.49	181.72	3.980		
12,800.00	7,174.94	12,922.48	7,180.98	92.07	92.88	-90.48	1,549.49	5,524.60	723.22	538.68	184.55	3.919		
12,900.00	7,174.48	13,022.48	7,180.55	93.49	94.29	-90.48	1,549.83	5,624.60	723.24	535.85	187.39	3.860		
13,000.00	7,174.01	13,122.48	7,180.13	94.91	95.71	-90.48	1,550.17	5,724.59	723.25	533.02	190.23	3.802		
13,100.00	7,173.55	13,222.48	7,179.70	96.34	97.13	-90.49	1,550.51	5,824.59	723.27	530.19	193.08	3.746		
13,200.00	7,173.08	13,322.48	7,179.28	97.77	98.55	-90.49	1,550.85	5,924.59	723.28	527.35	195.93	3.691		
13,300.00	7,172.62	13,422.48	7,178.85	99.21	99.97	-90.49	1,551.18	6,024.59	723.29	524.50	198.80	3.638		
13,400.00	7,172.15	13,522.48	7,178.43	100.64	101.40	-90.50	1,551.52	6,124.59	723.31	521.65	201.66	3.587		
13,500.00	7,171.69	13,622.48	7,178.00	102.08	102.83	-90.50	1,551.86	6,224.59	723.32	518.79	204.53	3.536		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.00	7,171.22	13,722.48	7,177.58	103.52	104.26	-90.50	1,552.20	6,324.59	723.34	515.93	207.41	3.488		
13,700.00	7,170.76	13,822.48	7,177.15	104.97	105.70	-90.51	1,552.54	6,424.58	723.35	513.06	210.29	3.440		
13,800.00	7,170.29	13,922.48	7,176.73	106.41	107.14	-90.51	1,552.87	6,524.58	723.36	510.19	213.17	3.393		
13,900.00	7,169.83	14,022.48	7,176.30	107.86	108.58	-90.51	1,553.21	6,624.58	723.38	507.32	216.06	3.348		
14,000.00	7,169.36	14,122.48	7,175.88	109.31	110.02	-90.52	1,553.55	6,724.58	723.39	504.44	218.95	3.304		
14,100.00	7,168.90	14,222.48	7,175.45	110.76	111.46	-90.52	1,553.89	6,824.58	723.41	501.56	221.85	3.261		
14,200.00	7,168.44	14,322.48	7,175.03	112.21	112.91	-90.52	1,554.23	6,924.58	723.42	498.67	224.75	3.219		
14,300.00	7,167.97	14,422.48	7,174.60	113.67	114.36	-90.53	1,554.56	7,024.58	723.44	495.78	227.65	3.178		
14,400.00	7,167.51	14,522.48	7,174.18	115.12	115.81	-90.53	1,554.90	7,124.57	723.45	492.89	230.56	3.138		
14,500.00	7,167.04	14,622.48	7,173.75	116.58	117.26	-90.53	1,555.24	7,224.57	723.46	489.99	233.47	3.099		
14,600.00	7,166.58	14,722.48	7,173.33	118.04	118.71	-90.53	1,555.58	7,324.57	723.48	487.10	236.38	3.061		
14,700.00	7,166.11	14,822.48	7,172.90	119.50	120.16	-90.54	1,555.92	7,424.57	723.49	484.19	239.30	3.023		
14,800.00	7,165.65	14,922.48	7,172.48	120.97	121.62	-90.54	1,556.26	7,524.57	723.51	481.29	242.22	2.987		
14,900.00	7,165.18	15,022.48	7,172.05	122.43	123.08	-90.54	1,556.59	7,624.57	723.52	478.38	245.14	2.951		
15,000.00	7,164.72	15,122.48	7,171.63	123.90	124.54	-90.55	1,556.93	7,724.56	723.53	475.47	248.07	2.917		
15,100.00	7,164.25	15,222.48	7,171.20	125.36	126.00	-90.55	1,557.27	7,824.56	723.55	472.55	250.99	2.883		
15,200.00	7,163.79	15,322.48	7,170.78	126.83	127.46	-90.55	1,557.61	7,924.56	723.56	469.64	253.92	2.850		
15,300.00	7,163.32	15,422.48	7,170.35	128.30	128.92	-90.56	1,557.95	8,024.56	723.58	466.72	256.86	2.817		
15,400.00	7,162.86	15,522.48	7,169.93	129.77	130.39	-90.56	1,558.28	8,124.56	723.59	463.80	259.79	2.785		
15,500.00	7,162.39	15,622.48	7,169.50	131.24	131.85	-90.56	1,558.62	8,224.56	723.60	460.87	262.73	2.754		
15,600.00	7,161.93	15,722.48	7,169.08	132.71	133.32	-90.57	1,558.96	8,324.56	723.62	457.95	265.67	2.724		
15,700.00	7,161.47	15,822.48	7,168.65	134.19	134.79	-90.57	1,559.30	8,424.55	723.63	455.02	268.61	2.694		
15,800.00	7,161.00	15,922.48	7,168.23	135.66	136.26	-90.57	1,559.64	8,524.55	723.65	452.09	271.55	2.665		
15,900.00	7,160.54	16,022.48	7,167.80	137.14	137.73	-90.58	1,559.97	8,624.55	723.66	449.16	274.50	2.636		
16,000.00	7,160.07	16,122.48	7,167.38	138.61	139.20	-90.58	1,560.31	8,724.55	723.67	446.23	277.45	2.608		
16,100.00	7,159.61	16,222.48	7,166.95	140.09	140.67	-90.58	1,560.65	8,824.55	723.69	443.29	280.40	2.581		
16,200.00	7,159.14	16,322.48	7,166.53	141.57	142.14	-90.58	1,560.99	8,924.55	723.70	440.35	283.35	2.554		
16,300.00	7,158.68	16,422.48	7,166.10	143.05	143.62	-90.59	1,561.33	9,024.55	723.72	437.41	286.30	2.528		
16,400.00	7,158.21	16,522.48	7,165.68	144.53	145.09	-90.59	1,561.66	9,124.54	723.73	434.47	289.26	2.502		
16,500.00	7,157.75	16,622.48	7,165.25	146.01	146.57	-90.59	1,562.00	9,224.54	723.75	431.53	292.22	2.477		
16,600.00	7,157.28	16,722.48	7,164.83	147.49	148.05	-90.60	1,562.34	9,324.54	723.76	428.59	295.17	2.452		
16,700.00	7,156.82	16,822.48	7,164.40	148.97	149.52	-90.60	1,562.68	9,424.54	723.77	425.64	298.13	2.428		
16,800.00	7,156.35	16,922.48	7,163.98	150.45	151.00	-90.60	1,563.02	9,524.54	723.79	422.69	301.10	2.404		
16,900.00	7,155.89	17,022.48	7,163.55	151.94	152.48	-90.61	1,563.35	9,624.54	723.80	419.74	304.06	2.380		
17,000.00	7,155.43	17,122.48	7,163.13	153.42	153.96	-90.61	1,563.69	9,724.54	723.82	416.79	307.02	2.358		
17,100.00	7,154.96	17,222.48	7,162.70	154.90	155.44	-90.61	1,564.03	9,824.53	723.83	413.84	309.99	2.335		
17,200.00	7,154.50	17,322.48	7,162.28	156.39	156.93	-90.62	1,564.37	9,924.53	723.84	410.89	312.96	2.313		
17,300.00	7,154.03	17,422.48	7,161.85	157.88	158.41	-90.62	1,564.71	10,024.53	723.86	407.93	315.93	2.291		
17,400.00	7,153.57	17,522.48	7,161.43	159.36	159.89	-90.62	1,565.05	10,124.53	723.87	404.98	318.90	2.270		
17,500.00	7,153.10	17,622.48	7,161.00	160.85	161.37	-90.63	1,565.38	10,224.53	723.89	402.02	321.87	2.249		
17,600.00	7,152.64	17,722.48	7,160.58	162.34	162.86	-90.63	1,565.72	10,324.53	723.90	399.06	324.84	2.228		
17,700.00	7,152.17	17,822.48	7,160.15	163.83	164.34	-90.63	1,566.06	10,424.52	723.91	396.10	327.81	2.208		
17,737.15	7,152.00	17,859.63	7,159.99	164.38	164.90	-90.63	1,566.18	10,461.68	723.92	395.00	328.92	2.201 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.00	79.79	0.00	79.79					
100.00	100.00	100.00	100.00	3.28	3.28	0.00	79.79	0.00	79.79	73.22	6.57	12.148		
200.00	200.00	200.00	200.00	3.34	3.34	0.00	79.79	0.00	79.79	73.12	6.67	11.963 CC, ES		
300.00	300.00	297.30	297.28	3.44	3.44	-0.21	81.42	-0.30	81.46	74.57	6.89	11.823		
400.00	400.00	394.37	394.22	3.60	3.59	-0.80	86.27	-1.20	86.47	79.25	7.22	11.969		
500.00	499.99	491.05	490.55	3.80	3.79	58.74	94.32	-2.69	94.37	86.72	7.65	12.334		
600.00	599.96	587.22	586.04	4.03	4.03	58.83	105.48	-4.76	104.68	96.53	8.15	12.843		
700.00	699.86	682.76	680.48	4.30	4.29	59.31	119.69	-7.40	117.38	108.67	8.71	13.477		
790.00	789.74	768.05	764.34	4.57	4.55	59.81	134.99	-10.23	131.19	121.94	9.25	14.179		
800.00	799.73	777.48	773.58	4.60	4.58	56.71	136.83	-10.57	132.87	123.55	9.31	14.266		
900.00	899.50	871.53	865.40	4.92	4.90	35.84	156.83	-14.28	149.51	139.56	9.94	15.034		
1,000.00	999.05	965.13	956.07	5.26	5.23	25.64	179.66	-18.51	165.88	155.27	10.61	15.638		
1,077.14	1,075.61	1,041.41	1,029.64	5.53	5.51	20.99	199.45	-22.18	177.38	166.24	11.13	15.933		
1,100.00	1,098.26	1,064.05	1,051.48	5.61	5.59	20.98	205.33	-23.27	180.48	169.18	11.29	15.983		
1,200.00	1,197.35	1,163.13	1,147.05	5.98	5.97	20.94	231.03	-28.03	194.04	182.02	12.02	16.141		
1,300.00	1,296.44	1,262.20	1,242.61	6.35	6.35	20.91	256.74	-32.80	207.61	194.83	12.78	16.246		
1,400.00	1,395.52	1,361.28	1,338.18	6.73	6.75	20.88	282.44	-37.56	221.18	207.62	13.56	16.311		
1,500.00	1,494.61	1,460.35	1,433.74	7.12	7.16	20.86	308.15	-42.32	234.75	220.39	14.36	16.347		
1,600.00	1,593.70	1,559.43	1,529.30	7.52	7.58	20.83	333.85	-47.09	248.32	233.14	15.18	16.362		
1,700.00	1,692.78	1,658.51	1,624.87	7.93	8.01	20.81	359.56	-51.85	261.89	245.88	16.01	16.362		
1,800.00	1,791.87	1,757.58	1,720.43	8.33	8.44	20.80	385.26	-56.62	275.46	258.61	16.85	16.350		
1,900.00	1,890.95	1,856.66	1,815.99	8.75	8.88	20.78	410.97	-61.38	289.02	271.33	17.70	16.330		
2,000.00	1,990.04	1,955.73	1,911.56	9.16	9.32	20.77	436.68	-66.14	302.59	284.03	18.56	16.304		
2,100.00	2,089.13	2,054.81	2,007.12	9.58	9.77	20.75	462.38	-70.91	316.16	296.73	19.43	16.274		
2,200.00	2,188.21	2,153.88	2,102.68	10.01	10.21	20.74	488.09	-75.67	329.73	309.43	20.30	16.241		
2,300.00	2,287.30	2,252.96	2,198.25	10.43	10.67	20.73	513.79	-80.44	343.30	322.12	21.18	16.207		
2,400.00	2,386.39	2,352.03	2,293.81	10.86	11.12	20.72	539.50	-85.20	356.87	334.80	22.07	16.172		
2,500.00	2,485.47	2,451.11	2,389.38	11.29	11.58	20.71	565.20	-89.97	370.44	347.48	22.96	16.136		
2,600.00	2,584.56	2,550.18	2,484.94	11.72	12.03	20.70	590.91	-94.73	384.00	360.15	23.85	16.100		
2,700.00	2,683.65	2,649.26	2,580.50	12.15	12.49	20.69	616.61	-99.49	397.57	372.83	24.75	16.065		
2,800.00	2,782.73	2,748.33	2,676.07	12.58	12.95	20.68	642.32	-104.26	411.14	385.49	25.65	16.030		
2,900.00	2,881.82	2,847.41	2,771.63	13.02	13.42	20.67	668.02	-109.02	424.71	398.16	26.55	15.996		
3,000.00	2,980.91	2,946.48	2,867.19	13.45	13.88	20.67	693.73	-113.79	438.28	410.82	27.46	15.962		
3,100.00	3,079.99	3,045.56	2,962.76	13.89	14.34	20.66	719.44	-118.55	451.85	423.48	28.37	15.930		
3,200.00	3,179.08	3,144.63	3,058.32	14.33	14.81	20.65	745.14	-123.32	465.42	436.14	29.28	15.898		
3,300.00	3,278.17	3,243.71	3,153.89	14.76	15.27	20.65	770.85	-128.08	478.99	448.80	30.19	15.867		
3,400.00	3,377.25	3,342.78	3,249.45	15.20	15.74	20.64	796.55	-132.84	492.55	461.45	31.10	15.837		
3,500.00	3,476.34	3,441.86	3,345.01	15.64	16.21	20.64	822.26	-137.61	506.12	474.11	32.02	15.808		
3,600.00	3,575.43	3,540.93	3,440.58	16.08	16.68	20.63	847.96	-142.37	519.69	486.76	32.93	15.780		
3,700.00	3,674.51	3,640.01	3,536.14	16.53	17.15	20.63	873.67	-147.14	533.26	499.41	33.85	15.752		
3,800.00	3,773.60	3,739.08	3,631.70	16.97	17.62	20.62	899.37	-151.90	546.83	512.06	34.77	15.726		
3,900.00	3,872.69	3,838.16	3,727.27	17.41	18.09	20.62	925.08	-156.67	560.40	524.71	35.69	15.701		
4,000.00	3,971.77	3,937.23	3,822.83	17.85	18.56	20.62	950.79	-161.43	573.97	537.35	36.61	15.676		
4,100.00	4,070.86	4,036.31	3,918.39	18.29	19.03	20.61	976.49	-166.19	587.54	550.00	37.54	15.652		
4,200.00	4,169.95	4,135.38	4,013.96	18.74	19.50	20.61	1,002.20	-170.96	601.10	562.64	38.46	15.629		
4,300.00	4,269.03	4,234.46	4,109.52	19.18	19.97	20.61	1,027.90	-175.72	614.67	575.29	39.39	15.607		
4,400.00	4,368.12	4,333.53	4,205.09	19.63	20.44	20.60	1,053.61	-180.49	628.24	587.93	40.31	15.585		
4,500.00	4,467.21	4,432.61	4,300.65	20.07	20.91	20.60	1,079.31	-185.25	641.81	600.57	41.24	15.564		
4,600.00	4,566.29	4,531.68	4,396.21	20.52	21.39	20.60	1,105.02	-190.01	655.38	613.22	42.16	15.544		
4,700.00	4,665.38	4,630.76	4,491.78	20.96	21.86	20.59	1,130.72	-194.78	668.95	625.86	43.09	15.524		
4,800.00	4,764.47	4,729.84	4,587.34	21.41	22.33	20.59	1,156.43	-199.54	682.52	638.50	44.02	15.505		

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 26N-23B-L - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)		(ft)	(ft)	(ft)					
4,900.00	4,863.55	4,828.91	4,682.90	21.85	22.81	20.59	1,182.13	-204.31		696.09	651.14	44.95	15.487				
5,000.00	4,962.64	4,927.99	4,778.47	22.30	23.28	20.58	1,207.84	-209.07		709.66	663.78	45.88	15.469				
5,100.00	5,061.73	5,027.06	4,874.03	22.74	23.75	20.58	1,233.55	-213.84		723.22	676.42	46.81	15.451				
5,200.00	5,160.81	5,126.14	4,969.60	23.19	24.23	20.58	1,259.25	-218.60		736.79	689.06	47.74	15.435				
5,300.00	5,259.90	5,225.21	5,065.16	23.64	24.70	20.58	1,284.96	-223.36		750.36	701.69	48.67	15.418				
5,400.00	5,358.99	5,324.29	5,160.72	24.08	25.18	20.57	1,310.66	-228.13		763.93	714.33	49.60	15.402				
5,500.00	5,458.07	5,423.36	5,256.29	24.53	25.65	20.57	1,336.37	-232.89		777.50	726.97	50.53	15.387				
5,600.00	5,557.16	5,522.44	5,351.85	24.98	26.13	20.57	1,362.07	-237.66		791.07	739.61	51.46	15.372				
5,700.00	5,656.25	5,621.51	5,447.41	25.42	26.60	20.57	1,387.78	-242.42		804.64	752.24	52.39	15.358				
5,800.00	5,755.33	5,720.59	5,542.98	25.87	27.08	20.57	1,413.48	-247.19		818.21	764.88	53.33	15.344				
5,900.00	5,854.42	5,819.66	5,638.54	26.32	27.55	20.56	1,439.19	-251.95		831.77	777.52	54.26	15.330				
6,000.00	5,953.51	5,918.74	5,734.10	26.77	28.03	20.56	1,464.90	-256.71		845.34	790.15	55.19	15.316				
6,100.00	6,052.59	6,017.81	5,829.67	27.21	28.50	20.56	1,490.60	-261.48		858.91	802.79	56.13	15.304				
6,200.00	6,151.68	6,116.89	5,925.23	27.66	28.98	20.56	1,516.31	-266.24		872.48	815.42	57.06	15.291				
6,300.00	6,250.76	6,215.96	6,020.80	28.11	29.46	20.56	1,542.01	-271.01		886.05	828.06	57.99	15.279				
6,400.00	6,349.85	6,315.04	6,116.36	28.56	29.93	20.56	1,567.72	-275.77		899.62	840.69	58.93	15.267				
6,500.00	6,448.94	6,414.11	6,211.92	29.01	30.41	20.55	1,593.42	-280.54		913.19	853.33	59.86	15.255				
6,589.36	6,537.48	6,502.64	6,297.32	29.41	30.83	20.55	1,616.39	-284.79		925.31	864.62	60.70	15.245				
6,600.00	6,548.03	6,513.19	6,307.49	29.45	30.89	13.82	1,619.13	-285.30		926.76	865.96	60.80	15.244				
6,650.00	6,597.61	6,562.63	6,355.18	29.67	31.12	-19.87	1,631.96	-287.68		933.53	872.27	61.26	15.239				
6,700.00	6,647.01	6,612.04	6,402.87	29.89	31.36	-43.75	1,644.78	-289.06		940.28	878.56	61.72	15.235				
6,750.00	6,695.92	6,661.92	6,450.97	30.10	31.59	-56.77	1,657.72	-286.71		946.98	884.80	62.18	15.230				
6,800.00	6,744.04	6,712.28	6,499.21	30.31	31.83	-64.10	1,670.68	-280.40		953.58	890.94	62.64	15.223				
6,850.00	6,791.07	6,763.15	6,547.29	30.51	32.05	-68.57	1,683.60	-270.03		960.06	896.96	63.10	15.215				
6,900.00	6,836.72	6,814.55	6,594.91	30.71	32.27	-71.51	1,696.39	-255.55		966.36	902.81	63.56	15.205				
6,950.00	6,880.71	6,866.49	6,641.72	30.90	32.48	-73.54	1,708.95	-236.93		972.45	908.44	64.01	15.192				
7,000.00	6,922.77	6,918.98	6,687.39	31.08	32.68	-74.99	1,721.21	-214.17		978.29	913.83	64.46	15.176				
7,050.00	6,962.63	6,972.02	6,731.53	31.27	32.87	-76.06	1,733.04	-187.29		983.82	918.92	64.91	15.158				
7,100.00	7,000.07	7,025.60	6,773.77	31.44	33.05	-76.87	1,744.37	-156.37		989.03	923.69	65.34	15.136				
7,150.00	7,034.83	7,079.71	6,813.74	31.62	33.22	-77.50	1,755.07	-121.52		993.87	928.09	65.78	15.109				
7,200.00	7,066.72	7,134.34	6,851.05	31.79	33.38	-77.98	1,765.06	-82.90		998.29	932.09	66.21	15.079				
7,250.00	7,095.52	7,189.46	6,885.31	31.96	33.54	-78.36	1,774.22	-40.73	1,002.28	935.66	66.63	15.043					
7,300.00	7,121.07	7,245.03	6,916.16	32.13	33.71	-78.66	1,782.46	4.73	1,005.81	938.76	67.05	15.002					
7,350.00	7,143.21	7,301.01	6,943.24	32.30	33.88	-78.89	1,789.68	53.17	1,008.83	941.37	67.46	14.954					
7,400.00	7,161.80	7,357.35	6,966.25	32.47	34.06	-79.08	1,795.81	104.21	1,011.34	943.46	67.87	14.900					
7,450.00	7,176.72	7,413.99	6,984.90	32.64	34.25	-79.22	1,800.76	157.44	1,013.30	945.02	68.28	14.839					
7,500.00	7,187.89	7,470.87	6,998.95	32.82	34.44	-79.32	1,804.47	212.41	1,014.71	946.02	68.69	14.772					
7,550.00	7,195.23	7,527.91	7,008.24	32.99	34.65	-79.40	1,806.90	268.62	1,015.55	946.45	69.10	14.697					
7,600.00	7,198.70	7,585.04	7,012.63	33.17	34.86	-79.44	1,808.01	325.55	1,015.82	946.31	69.50	14.616					
7,622.60	7,199.00	7,610.88	7,013.00	33.25	34.96	-79.45	1,808.08	351.38	1,015.75	946.07	69.68	14.577					
7,700.00	7,198.64	7,688.07	7,012.76	33.54	35.27	-79.45	1,807.92	428.58	1,015.32	945.01	70.31	14.441					
7,800.00	7,198.17	7,788.07	7,012.45	33.98	35.73	-79.46	1,807.71	528.58	1,014.77	943.55	71.23	14.247					
7,900.00	7,197.71	7,888.07	7,012.15	34.47	36.24	-79.46	1,807.51	628.57	1,014.22	941.97	72.26	14.036					
8,000.00	7,197.24	7,988.07	7,011.84	35.03	36.80	-79.46	1,807.30	728.57	1,013.67	940.28	73.40	13.811					
8,100.00	7,196.78	8,088.07	7,011.53	35.64	37.41	-79.47	1,807.10	828.57	1,013.12	938.48	74.64	13.573					
8,200.00	7,196.31	8,188.07	7,011.23	36.30	38.07	-79.47	1,806.89	928.57	1,012.57	936.59	75.98	13.326					
8,300.00	7,195.85	8,288.06	7,010.92	37.01	38.77	-79.47	1,806.69	1,028.57	1,012.02	934.60	77.42	13.072					
8,400.00	7,195.38	8,388.06	7,010.61	37.77	39.52	-79.48	1,806.48	1,128.56	1,011.47	932.53	78.95	12.812					
8,500.00	7,194.92	8,488.06	7,010.31	38.57	40.31	-79.48	1,806.27	1,228.56	1,010.92	930.37	80.56	12.549					
8,600.00	7,194.46	8,588.06	7,010.00	39.41	41.13	-79.48	1,806.07	1,328.56	1,010.37	928.13	82.25	12.285					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,700.00	7,193.99	8,688.06	7,009.69	40.30	42.00	-79.49	1,805.86	1,428.56	1,009.82	925.81	84.01	12.020		
8,800.00	7,193.53	8,788.06	7,009.39	41.22	42.89	-79.49	1,805.66	1,528.55	1,009.28	923.43	85.84	11.757		
8,900.00	7,193.06	8,888.06	7,009.08	42.17	43.82	-79.49	1,805.45	1,628.55	1,008.73	920.98	87.74	11.496		
9,000.00	7,192.60	8,988.05	7,008.77	43.16	44.79	-79.50	1,805.25	1,728.55	1,008.18	918.47	89.70	11.239		
9,100.00	7,192.13	9,088.05	7,008.47	44.17	45.78	-79.50	1,805.04	1,828.55	1,007.63	915.91	91.72	10.986		
9,200.00	7,191.67	9,188.05	7,008.16	45.22	46.80	-79.50	1,804.84	1,928.55	1,007.08	913.29	93.79	10.738		
9,300.00	7,191.20	9,288.05	7,007.85	46.29	47.84	-79.51	1,804.63	2,028.54	1,006.53	910.62	95.91	10.494		
9,400.00	7,190.74	9,388.05	7,007.55	47.38	48.91	-79.51	1,804.43	2,128.54	1,005.98	907.90	98.08	10.257		
9,500.00	7,190.27	9,488.05	7,007.24	48.50	50.00	-79.51	1,804.22	2,228.54	1,005.43	905.14	100.29	10.025		
9,600.00	7,189.81	9,588.04	7,006.93	49.64	51.12	-79.52	1,804.02	2,328.54	1,004.88	902.34	102.54	9.800		
9,700.00	7,189.34	9,688.04	7,006.63	50.80	52.25	-79.52	1,803.81	2,428.53	1,004.33	899.50	104.83	9.580		
9,800.00	7,188.88	9,788.04	7,006.32	51.98	53.40	-79.52	1,803.60	2,528.53	1,003.78	896.62	107.16	9.367		
9,900.00	7,188.41	9,888.04	7,006.01	53.17	54.57	-79.53	1,803.40	2,628.53	1,003.23	893.71	109.52	9.161		
10,000.00	7,187.95	9,988.04	7,005.71	54.38	55.76	-79.53	1,803.19	2,728.53	1,002.68	890.77	111.91	8.960		
10,100.00	7,187.49	10,088.04	7,005.40	55.61	56.96	-79.53	1,802.99	2,828.53	1,002.13	887.80	114.33	8.765		
10,200.00	7,187.02	10,188.04	7,005.09	56.85	58.18	-79.54	1,802.78	2,928.52	1,001.58	884.80	116.78	8.577		
10,300.00	7,186.56	10,288.03	7,004.79	58.10	59.41	-79.54	1,802.58	3,028.52	1,001.03	881.78	119.25	8.394		
10,400.00	7,186.09	10,388.03	7,004.48	59.37	60.65	-79.54	1,802.37	3,128.52	1,000.48	878.73	121.75	8.218		
10,500.00	7,185.63	10,488.03	7,004.17	60.64	61.91	-79.55	1,802.17	3,228.52	999.93	875.66	124.27	8.046		
10,600.00	7,185.16	10,588.03	7,003.87	61.93	63.17	-79.55	1,801.96	3,328.51	999.38	872.57	126.81	7.881		
10,700.00	7,184.70	10,688.03	7,003.56	63.23	64.45	-79.55	1,801.76	3,428.51	998.83	869.46	129.38	7.720		
10,800.00	7,184.23	10,788.03	7,003.25	64.54	65.74	-79.56	1,801.55	3,528.51	998.28	866.33	131.96	7.565		
10,900.00	7,183.77	10,888.02	7,002.95	65.85	67.04	-79.56	1,801.35	3,628.51	997.73	863.18	134.56	7.415		
11,000.00	7,183.30	10,988.02	7,002.64	67.18	68.34	-79.56	1,801.14	3,728.51	997.18	860.01	137.17	7.269		
11,100.00	7,182.84	11,088.02	7,002.33	68.51	69.66	-79.57	1,800.93	3,828.50	996.63	856.83	139.81	7.129		
11,200.00	7,182.37	11,188.02	7,002.03	69.85	70.98	-79.57	1,800.73	3,928.50	996.08	853.63	142.46	6.992		
11,300.00	7,181.91	11,288.02	7,001.72	71.20	72.31	-79.57	1,800.52	4,028.50	995.53	850.42	145.12	6.860		
11,400.00	7,181.45	11,388.02	7,001.41	72.56	73.65	-79.58	1,800.32	4,128.50	994.98	847.19	147.79	6.732		
11,500.00	7,180.98	11,488.02	7,001.11	73.92	75.00	-79.58	1,800.11	4,228.49	994.44	843.95	150.48	6.608		
11,600.00	7,180.52	11,588.01	7,000.80	75.29	76.35	-79.58	1,799.91	4,328.49	993.89	840.70	153.18	6.488		
11,700.00	7,180.05	11,688.01	7,000.49	76.66	77.71	-79.59	1,799.70	4,428.49	993.34	837.44	155.90	6.372		
11,800.00	7,179.59	11,788.01	7,000.19	78.04	79.07	-79.59	1,799.50	4,528.49	992.79	834.17	158.62	6.259		
11,900.00	7,179.12	11,888.01	6,999.88	79.42	80.44	-79.59	1,799.29	4,628.49	992.24	830.88	161.35	6.149		
12,000.00	7,178.66	11,988.01	6,999.57	80.81	81.81	-79.60	1,799.09	4,728.48	991.69	827.59	164.10	6.043		
12,100.00	7,178.19	12,088.01	6,999.27	82.20	83.19	-79.60	1,798.88	4,828.48	991.14	824.29	166.85	5.940		
12,200.00	7,177.73	12,188.00	6,998.96	83.60	84.58	-79.60	1,798.68	4,928.48	990.59	820.98	169.61	5.840		
12,300.00	7,177.26	12,288.00	6,998.65	85.00	85.97	-79.61	1,798.47	5,028.48	990.04	817.66	172.38	5.743		
12,400.00	7,176.80	12,388.00	6,998.35	86.41	87.36	-79.61	1,798.26	5,128.47	989.49	814.33	175.16	5.649		
12,500.00	7,176.33	12,488.00	6,998.04	87.82	88.76	-79.61	1,798.06	5,228.47	988.94	810.99	177.95	5.557		
12,600.00	7,175.87	12,588.00	6,997.73	89.23	90.16	-79.62	1,797.85	5,328.47	988.39	807.65	180.74	5.469		
12,700.00	7,175.40	12,688.00	6,997.43	90.65	91.56	-79.62	1,797.65	5,428.47	987.84	804.30	183.54	5.382		
12,800.00	7,174.94	12,788.00	6,997.12	92.07	92.97	-79.63	1,797.44	5,528.47	987.29	800.94	186.35	5.298		
12,900.00	7,174.48	12,887.99	6,996.81	93.49	94.38	-79.63	1,797.24	5,628.46	986.74	797.58	189.16	5.216		
13,000.00	7,174.01	12,987.99	6,996.51	94.91	95.80	-79.63	1,797.03	5,728.46	986.19	794.21	191.98	5.137		
13,100.00	7,173.55	13,087.99	6,996.20	96.34	97.22	-79.64	1,796.83	5,828.46	985.64	790.83	194.81	5.060		
13,200.00	7,173.08	13,187.99	6,995.89	97.77	98.64	-79.64	1,796.62	5,928.46	985.09	787.45	197.64	4.984		
13,300.00	7,172.62	13,287.99	6,995.59	99.21	100.06	-79.64	1,796.42	6,028.46	984.54	784.07	200.48	4.911		
13,400.00	7,172.15	13,387.99	6,995.28	100.64	101.49	-79.65	1,796.21	6,128.45	983.99	780.67	203.32	4.840		
13,500.00	7,171.69	13,487.98	6,994.97	102.08	102.92	-79.65	1,796.01	6,228.45	983.44	777.28	206.17	4.770		
13,600.00	7,171.22	13,587.98	6,994.67	103.52	104.35	-79.65	1,795.80	6,328.45	982.89	773.88	209.02	4.702		
13,700.00	7,170.76	13,687.98	6,994.36	104.97	105.79	-79.66	1,795.59	6,428.45	982.35	770.47	211.87	4.636		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	13,787.98	6,994.05	106.41	107.22	-79.66	1,795.39	6,528.44	981.80	767.06	214.74	4.572		
13,900.00	7,169.83	13,887.98	6,993.75	107.86	108.66	-79.66	1,795.18	6,628.44	981.25	763.65	217.60	4.509		
14,000.00	7,169.36	13,987.98	6,993.44	109.31	110.11	-79.67	1,794.98	6,728.44	980.70	760.23	220.47	4.448		
14,100.00	7,168.90	14,087.98	6,993.13	110.76	111.55	-79.67	1,794.77	6,828.44	980.15	756.81	223.34	4.389		
14,200.00	7,168.44	14,187.97	6,992.83	112.21	112.99	-79.67	1,794.57	6,928.44	979.60	753.38	226.22	4.330		
14,300.00	7,167.97	14,287.97	6,992.52	113.67	114.44	-79.68	1,794.36	7,028.43	979.05	749.95	229.10	4.273		
14,400.00	7,167.51	14,387.97	6,992.21	115.12	115.89	-79.68	1,794.16	7,128.43	978.50	746.52	231.98	4.218		
14,500.00	7,167.04	14,487.97	6,991.91	116.58	117.34	-79.68	1,793.95	7,228.43	977.95	743.08	234.87	4.164		
14,600.00	7,166.58	14,587.97	6,991.60	118.04	118.79	-79.69	1,793.75	7,328.43	977.40	739.64	237.76	4.111		
14,700.00	7,166.11	14,687.97	6,991.29	119.50	120.25	-79.69	1,793.54	7,428.42	976.85	736.20	240.65	4.059		
14,800.00	7,165.65	14,787.97	6,990.99	120.97	121.70	-79.70	1,793.34	7,528.42	976.30	732.75	243.55	4.009		
14,900.00	7,165.18	14,887.96	6,990.68	122.43	123.16	-79.70	1,793.13	7,628.42	975.75	729.30	246.45	3.959		
15,000.00	7,164.72	14,987.96	6,990.37	123.90	124.62	-79.70	1,792.92	7,728.42	975.20	725.85	249.35	3.911		
15,100.00	7,164.25	15,087.96	6,990.07	125.36	126.08	-79.71	1,792.72	7,828.42	974.65	722.40	252.25	3.864		
15,200.00	7,163.79	15,187.96	6,989.76	126.83	127.54	-79.71	1,792.51	7,928.41	974.10	718.94	255.16	3.818		
15,300.00	7,163.32	15,287.96	6,989.45	128.30	129.01	-79.71	1,792.31	8,028.41	973.55	715.48	258.07	3.772		
15,400.00	7,162.86	15,387.96	6,989.15	129.77	130.47	-79.72	1,792.10	8,128.41	973.00	712.02	260.98	3.728		
15,500.00	7,162.39	15,487.95	6,988.84	131.24	131.94	-79.72	1,791.90	8,228.41	972.46	708.56	263.90	3.685		
15,600.00	7,161.93	15,587.95	6,988.53	132.71	133.40	-79.72	1,791.69	8,328.40	971.91	705.09	266.81	3.643		
15,700.00	7,161.47	15,687.95	6,988.23	134.19	134.87	-79.73	1,791.49	8,428.40	971.36	701.62	269.73	3.601		
15,800.00	7,161.00	15,787.95	6,987.92	135.66	136.34	-79.73	1,791.28	8,528.40	970.81	698.15	272.65	3.561		
15,900.00	7,160.54	15,887.95	6,987.61	137.14	137.81	-79.73	1,791.08	8,628.40	970.26	694.68	275.58	3.521		
16,000.00	7,160.07	15,987.95	6,987.31	138.61	139.28	-79.74	1,790.87	8,728.40	969.71	691.21	278.50	3.482		
16,100.00	7,159.61	16,087.95	6,987.00	140.09	140.75	-79.74	1,790.67	8,828.39	969.16	687.73	281.43	3.444		
16,200.00	7,159.14	16,187.94	6,986.69	141.57	142.23	-79.75	1,790.46	8,928.39	968.61	684.25	284.36	3.406		
16,300.00	7,158.68	16,287.94	6,986.39	143.05	143.70	-79.75	1,790.25	9,028.39	968.06	680.77	287.29	3.370		
16,400.00	7,158.21	16,387.94	6,986.08	144.53	145.18	-79.75	1,790.05	9,128.39	967.51	677.29	290.22	3.334		
16,500.00	7,157.75	16,487.94	6,985.77	146.01	146.65	-79.76	1,789.84	9,228.38	966.96	673.80	293.16	3.298		
16,600.00	7,157.28	16,587.94	6,985.47	147.49	148.13	-79.76	1,789.64	9,328.38	966.41	670.32	296.09	3.264		
16,700.00	7,156.82	16,687.94	6,985.16	148.97	149.61	-79.76	1,789.43	9,428.38	965.86	666.83	299.03	3.230		
16,800.00	7,156.35	16,787.93	6,984.85	150.45	151.09	-79.77	1,789.23	9,528.38	965.31	663.34	301.97	3.197		
16,900.00	7,155.89	16,887.93	6,984.55	151.94	152.57	-79.77	1,789.02	9,628.38	964.76	659.85	304.91	3.164		
17,000.00	7,155.43	16,987.93	6,984.24	153.42	154.05	-79.77	1,788.82	9,728.37	964.21	656.36	307.85	3.132		
17,100.00	7,154.96	17,087.93	6,983.93	154.90	155.53	-79.78	1,788.61	9,828.37	963.66	652.87	310.80	3.101		
17,200.00	7,154.50	17,187.93	6,983.63	156.39	157.01	-79.78	1,788.41	9,928.37	963.12	649.37	313.74	3.070		
17,300.00	7,154.03	17,287.93	6,983.32	157.88	158.49	-79.79	1,788.20	10,028.37	962.57	645.88	316.69	3.039		
17,400.00	7,153.57	17,387.93	6,983.01	159.36	159.98	-79.79	1,788.00	10,128.36	962.02	642.38	319.64	3.010		
17,500.00	7,153.10	17,487.92	6,982.71	160.85	161.46	-79.79	1,787.79	10,228.36	961.47	638.88	322.59	2.980		
17,600.00	7,152.64	17,587.92	6,982.40	162.34	162.94	-79.80	1,787.59	10,328.36	960.92	635.38	325.54	2.952		
17,700.00	7,152.17	17,687.92	6,982.09	163.83	164.43	-79.80	1,787.38	10,428.36	960.37	631.88	328.49	2.924		
17,736.15	7,152.00	17,718.80	6,982.00	164.37	164.89	-79.80	1,787.32	10,459.24	960.18	630.65	329.53	2.914		
17,737.15	7,152.00	17,718.80	6,982.00	164.38	164.89	-79.80	1,787.32	10,459.24	960.18	630.63	329.56	2.914 SF		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-140.25	0.00	140.25						
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-140.25	0.00	140.25	133.68	6.57	21.353			
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-140.25	0.00	140.25	133.58	6.67	21.027			
300.00	300.00	300.00	300.00	3.44	3.44	180.00	-140.25	0.00	140.25	133.37	6.88	20.376			
400.00	400.00	400.00	400.00	3.60	3.60	180.00	-140.25	0.00	140.25	133.06	7.20	19.486 CC, ES			
500.00	499.99	500.01	499.99	3.80	3.80	-120.30	-140.25	0.00	140.69	133.09	7.60	18.516			
600.00	599.96	600.04	599.96	4.03	4.04	-121.20	-140.25	0.00	142.03	133.96	8.07	17.592			
700.00	699.86	700.14	699.86	4.30	4.31	-122.66	-140.25	0.00	144.34	135.73	8.61	16.758			
790.00	789.74	789.74	789.74	4.57	4.58	-124.21	-140.25	0.00	146.94	137.79	9.14	16.072			
800.00	799.73	800.27	799.73	4.60	4.61	-127.51	-140.25	0.00	147.25	138.04	9.21	15.996			
900.00	899.50	900.50	899.50	4.92	4.93	-150.19	-140.25	0.00	152.36	142.51	9.84	15.478			
1,000.00	999.05	1,000.95	999.05	5.26	5.26	-161.76	-140.25	0.00	161.04	150.52	10.52	15.306			
1,077.14	1,075.61	1,075.61	1,075.61	5.53	5.52	-167.24	-140.25	0.00	170.14	159.09	11.05	15.391			
1,100.00	1,098.26	1,101.74	1,098.26	5.61	5.62	-167.47	-140.25	0.00	173.15	161.92	11.23	15.418			
1,200.00	1,197.35	1,202.65	1,197.35	5.98	5.98	-168.37	-140.25	0.00	186.35	174.39	11.96	15.583			
1,300.00	1,296.44	1,293.61	1,293.61	6.35	6.31	-169.03	-140.68	-0.26	199.98	187.32	12.66	15.799			
1,400.00	1,395.52	1,387.23	1,387.16	6.73	6.64	-169.10	-143.50	-1.95	215.84	202.48	13.36	16.160			
1,500.00	1,494.61	1,480.02	1,479.73	7.12	6.97	-168.66	-148.87	-5.18	234.12	220.07	14.06	16.652			
1,600.00	1,593.70	1,573.46	1,572.72	7.52	7.31	-167.85	-156.77	-9.92	254.76	239.98	14.78	17.242			
1,700.00	1,692.78	1,671.08	1,669.78	7.93	7.67	-167.01	-165.73	-15.31	276.10	260.56	15.53	17.774			
1,800.00	1,791.87	1,768.71	1,766.84	8.33	8.04	-166.30	-174.70	-20.70	297.48	281.18	16.30	18.245			
1,900.00	1,890.95	1,866.33	1,863.91	8.75	8.42	-165.68	-183.66	-26.08	318.90	301.82	17.09	18.664			
2,000.00	1,990.04	1,963.96	1,960.97	9.16	8.80	-165.13	-192.63	-31.47	340.36	322.48	17.88	19.038			
2,100.00	2,089.13	2,061.58	2,058.03	9.58	9.19	-164.66	-201.59	-36.86	361.84	343.16	18.68	19.373			
2,200.00	2,188.21	2,159.20	2,155.09	10.01	9.58	-164.23	-210.56	-42.24	383.34	363.86	19.48	19.675			
2,300.00	2,287.30	2,256.83	2,252.15	10.43	9.98	-163.85	-219.52	-47.63	404.86	384.56	20.30	19.947			
2,400.00	2,386.39	2,354.45	2,349.22	10.86	10.38	-163.51	-228.49	-53.02	426.39	405.28	21.11	20.194			
2,500.00	2,485.47	2,452.07	2,446.28	11.29	10.79	-163.20	-237.45	-58.40	447.94	426.00	21.94	20.418			
2,600.00	2,584.56	2,549.70	2,543.34	11.72	11.20	-162.92	-246.42	-63.79	469.50	446.73	22.77	20.623			
2,700.00	2,683.65	2,647.32	2,640.40	12.15	11.61	-162.67	-255.38	-69.18	491.07	467.47	23.60	20.810			
2,800.00	2,782.73	2,744.95	2,737.46	12.58	12.02	-162.43	-264.35	-74.56	512.64	488.21	24.43	20.981			
2,900.00	2,881.82	2,842.57	2,834.53	13.02	12.43	-162.22	-273.31	-79.95	534.23	508.96	25.27	21.139			
3,000.00	2,980.91	2,940.19	2,931.59	13.45	12.85	-162.02	-282.28	-85.34	555.82	529.71	26.11	21.285			
3,100.00	3,079.99	3,037.82	3,028.65	13.89	13.27	-161.84	-291.24	-90.72	577.42	550.46	26.96	21.419			
3,200.00	3,179.08	3,135.44	3,125.71	14.33	13.69	-161.66	-300.21	-96.11	599.02	571.21	27.80	21.544			
3,300.00	3,278.17	3,233.07	3,222.78	14.76	14.11	-161.51	-309.17	-101.50	620.63	591.97	28.65	21.660			
3,400.00	3,377.25	3,330.69	3,319.84	15.20	14.53	-161.36	-318.14	-106.88	642.24	612.73	29.50	21.768			
3,500.00	3,476.34	3,428.31	3,416.90	15.64	14.96	-161.22	-327.10	-112.27	663.85	633.50	30.36	21.869			
3,600.00	3,575.43	3,525.94	3,513.96	16.08	15.38	-161.09	-336.06	-117.66	685.47	654.26	31.21	21.963			
3,700.00	3,674.51	3,623.56	3,611.02	16.53	15.81	-160.97	-345.03	-123.04	707.09	675.02	32.07	22.051			
3,800.00	3,773.60	3,721.19	3,708.09	16.97	16.23	-160.86	-353.99	-128.43	728.72	695.79	32.92	22.133			
3,900.00	3,872.69	3,818.81	3,805.15	17.41	16.66	-160.75	-362.96	-133.82	750.34	716.56	33.78	22.211			
4,000.00	3,971.77	3,916.43	3,902.21	17.85	17.09	-160.65	-371.92	-139.20	771.97	737.33	34.64	22.284			
4,100.00	4,070.86	4,014.06	3,999.27	18.29	17.52	-160.55	-380.89	-144.59	793.60	758.10	35.50	22.353			
4,200.00	4,169.95	4,111.68	4,096.33	18.74	17.95	-160.46	-389.85	-149.98	815.24	778.87	36.37	22.418			
4,300.00	4,269.03	4,209.31	4,193.40	19.18	18.38	-160.37	-398.82	-155.36	836.87	799.64	37.23	22.480			
4,400.00	4,368.12	4,306.93	4,290.46	19.63	18.81	-160.29	-407.78	-160.75	858.51	820.42	38.09	22.538			
4,500.00	4,467.21	4,404.55	4,387.52	20.07	19.24	-160.21	-416.75	-166.14	880.15	841.19	38.96	22.593			
4,600.00	4,566.29	4,502.18	4,484.58	20.52	19.67	-160.14	-425.71	-171.52	901.79	861.97	39.82	22.645			
4,700.00	4,665.38	4,600.20	4,581.64	20.96	20.11	-160.07	-434.68	-176.91	923.43	882.74	40.69	22.694			
4,800.00	4,764.47	4,702.58	4,683.71	21.41	20.56	-160.00	-443.64	-182.29	945.07	903.50	41.58	22.730			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 40C-23-L - OH - PLAN #2		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
4,900.00	4,863.55	4,804.95	4,775.77	21.85	21.02	-159.93	-452.61	-187.68	966.72	924.25	42.47	22.764					
5,000.00	4,962.64	4,907.33	4,872.83	22.30	21.47	-159.87	-461.57	-193.07	988.36	945.01	43.36	22.796					
5,100.00	5,061.73	4,990.30	4,969.89	22.74	21.84	-159.81	-470.54	-198.45	1,010.01	965.85	44.16	22.871					
5,200.00	5,160.81	5,087.92	5,066.95	23.19	22.27	-159.76	-479.50	-203.84	1,031.66	986.63	45.03	22.910					
5,300.00	5,259.90	5,185.54	5,164.02	23.64	22.71	-159.70	-488.47	-209.23	1,053.30	1,007.40	45.90	22.948					
5,400.00	5,358.99	5,283.17	5,261.08	24.08	23.14	-159.65	-497.43	-214.61	1,074.95	1,028.18	46.77	22.983					
5,500.00	5,458.07	5,380.79	5,358.14	24.53	23.58	-159.60	-506.40	-220.00	1,096.60	1,048.96	47.64	23.018					
5,600.00	5,557.16	5,478.42	5,455.20	24.98	24.01	-159.55	-515.36	-225.39	1,118.25	1,069.74	48.51	23.050					
5,700.00	5,656.25	5,576.04	5,552.27	25.42	24.45	-159.51	-524.33	-230.77	1,139.91	1,090.52	49.39	23.082					
5,800.00	5,755.33	5,673.66	5,649.33	25.87	24.89	-159.46	-533.29	-236.16	1,161.56	1,111.30	50.26	23.112					
5,900.00	5,854.42	5,771.29	5,746.39	26.32	25.32	-159.42	-542.26	-241.55	1,183.21	1,132.08	51.13	23.141					
6,000.00	5,953.51	5,868.91	5,843.45	26.77	25.76	-159.38	-551.22	-246.93	1,204.86	1,152.86	52.00	23.169					
6,100.00	6,052.59	5,966.54	5,940.51	27.21	26.20	-159.34	-560.18	-252.32	1,226.52	1,173.64	52.88	23.196					
6,200.00	6,151.68	6,064.16	6,037.58	27.66	26.63	-159.30	-569.15	-257.71	1,248.17	1,194.42	53.75	23.221					
6,300.00	6,250.76	6,161.78	6,134.64	28.11	27.07	-159.26	-578.11	-263.09	1,269.83	1,215.20	54.63	23.246					
6,400.00	6,349.85	6,259.41	6,231.70	28.56	27.51	-159.23	-587.08	-268.48	1,291.48	1,235.98	55.50	23.270					
6,500.00	6,448.94	6,357.03	6,328.76	29.01	27.95	-159.19	-596.04	-273.87	1,313.14	1,256.76	56.37	23.293					
6,589.36	6,537.48	6,444.27	6,415.49	29.41	28.34	-159.16	-604.05	-278.68	1,332.49	1,275.33	57.16	23.313					
6,600.00	6,548.03	6,454.65	6,425.82	29.45	28.38	-166.23	-605.01	-279.25	1,334.79	1,277.55	57.25	23.315					
6,650.00	6,597.61	6,503.35	6,474.24	29.67	28.60	158.78	-609.48	-281.94	1,345.63	1,287.94	57.68	23.328					
6,700.00	6,647.01	6,551.58	6,522.19	29.89	28.82	133.94	-613.91	-284.52	1,356.43	1,298.33	58.11	23.344					
6,750.00	6,695.92	6,599.66	6,570.06	30.10	29.03	120.03	-618.34	-284.61	1,367.20	1,308.68	58.52	23.362					
6,800.00	6,744.04	6,648.38	6,618.43	30.31	29.23	111.85	-622.83	-281.00	1,377.87	1,318.94	58.93	23.380					
6,850.00	6,791.07	6,697.80	6,667.05	30.51	29.43	106.54	-627.35	-273.56	1,388.38	1,329.04	59.34	23.396					
6,900.00	6,836.72	6,747.95	6,715.67	30.71	29.62	102.81	-631.89	-262.15	1,398.68	1,338.93	59.75	23.410					
6,950.00	6,880.71	6,798.91	6,763.99	30.90	29.81	100.03	-636.42	-246.66	1,408.68	1,348.54	60.15	23.421					
7,000.00	6,922.77	6,850.71	6,811.69	31.08	29.99	97.87	-640.90	-227.00	1,418.34	1,357.80	60.54	23.427					
7,050.00	6,962.63	6,903.39	6,858.40	31.27	30.16	96.14	-645.30	-203.06	1,427.59	1,366.66	60.93	23.429					
7,100.00	7,000.07	6,957.00	6,903.74	31.44	30.32	94.73	-649.59	-174.82	1,436.37	1,375.05	61.32	23.426					
7,150.00	7,034.83	7,011.54	6,947.28	31.62	30.47	93.55	-653.73	-142.25	1,444.62	1,382.92	61.69	23.416					
7,200.00	7,066.72	7,067.04	6,988.56	31.79	30.62	92.58	-657.68	-105.40	1,452.27	1,390.20	62.07	23.398					
7,250.00	7,095.52	7,123.48	7,027.11	31.96	30.75	91.77	-661.38	-64.36	1,459.28	1,396.84	62.44	23.372					
7,300.00	7,121.07	7,180.85	7,062.42	32.13	30.89	91.10	-664.80	-19.31	1,465.59	1,402.78	62.80	23.336					
7,350.00	7,143.21	7,239.09	7,093.99	32.30	31.03	90.55	-667.89	29.51	1,471.15	1,407.98	63.17	23.288					
7,400.00	7,161.80	7,298.15	7,121.33	32.47	31.18	90.11	-670.60	81.77	1,475.92	1,412.37	63.54	23.227					
7,450.00	7,176.72	7,357.94	7,143.98	32.64	31.35	89.77	-672.88	137.03	1,479.85	1,415.94	63.92	23.153					
7,500.00	7,187.89	7,418.36	7,161.52	32.82	31.54	89.53	-674.70	194.80	1,482.92	1,418.62	64.30	23.064					
7,550.00	7,195.23	7,479.28	7,173.61	32.99	31.74	89.38	-676.02	254.47	1,485.10	1,420.42	64.68	22.961					
7,600.00	7,198.70	7,540.56	7,179.99	33.17	31.94	89.31	-676.81	315.38	1,486.36	1,421.30	65.06	22.845					
7,622.60	7,199.00	7,568.33	7,180.95	33.25	32.04	89.30	-677.00	343.14	1,486.62	1,421.39	65.24	22.789					
7,700.00	7,198.64	7,647.47	7,180.88	33.54	32.34	89.31	-677.26	422.28	1,487.13	1,421.31	65.82	22.595					
7,800.00	7,198.17	7,747.47	7,180.72	33.98	32.77	89.33	-677.58	522.28	1,487.77	1,421.10	66.67	22.316					
7,900.00	7,197.71	7,847.47	7,180.55	34.47	33.27	89.34	-677.90	622.27	1,488.41	1,420.77	67.64	22.004					
8,000.00	7,197.24	7,947.47	7,180.38	35.03	33.83	89.35	-678.22	722.27	1,489.06	1,420.31	68.74	21.662					
8,100.00	7,196.78	8,047.46	7,180.21	35.64	34.44	89.36	-678.54	822.27	1,489.70	1,419.74	69.95	21.295					
8,200.00	7,196.31	8,147.46	7,180.04	36.30	35.11	89.37	-678.87	922.26	1,490.34	1,419.07	71.28	20.910					
8,300.00	7,195.85	8,247.46	7,179.88	37.01	35.84	89.38	-679.19	1,022.26	1,490.98	1,418.28	72.70	20.509					
8,400.00	7,195.38	8,347.46	7,179.71	37.77	36.61	89.40	-679.51	1,122.26	1,491.63	1,417.41	74.22	20.097					
8,500.00	7,194.92	8,447.45	7,179.54	38.57	37.42	89.41	-679.83	1,222.25	1,492.27	1,416.44	75.83	19.678					
8,600.00	7,194.46	8,547.45	7,179.37	39.41	38.28	89.42	-680.15	1,322.25	1,492.91	1,415.38	77.53	19.255					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,700.00	7,193.99	8,647.45	7,179.20	40.30	39.18	89.43	-680.48	1,422.25	1,493.56	1,414.25	79.31	18.831			
8,800.00	7,193.53	8,747.45	7,179.04	41.22	40.12	89.44	-680.80	1,522.25	1,494.20	1,413.04	81.17	18.409			
8,900.00	7,193.06	8,847.44	7,178.87	42.17	41.09	89.45	-681.12	1,622.24	1,494.84	1,411.75	83.09	17.991			
9,000.00	7,192.60	8,947.44	7,178.70	43.16	42.09	89.47	-681.44	1,722.24	1,495.49	1,410.41	85.08	17.578			
9,100.00	7,192.13	9,047.44	7,178.53	44.17	43.13	89.48	-681.76	1,822.24	1,496.13	1,409.00	87.13	17.172			
9,200.00	7,191.67	9,147.44	7,178.36	45.22	44.19	89.49	-682.09	1,922.23	1,496.78	1,407.54	89.23	16.774			
9,300.00	7,191.20	9,247.43	7,178.20	46.29	45.27	89.50	-682.41	2,022.23	1,497.42	1,406.03	91.39	16.385			
9,400.00	7,190.74	9,347.43	7,178.03	47.38	46.39	89.51	-682.73	2,122.23	1,498.06	1,404.46	93.60	16.005			
9,500.00	7,190.27	9,447.43	7,177.86	48.50	47.52	89.52	-683.05	2,222.22	1,498.71	1,402.85	95.85	15.636			
9,600.00	7,189.81	9,547.43	7,177.69	49.64	48.68	89.54	-683.37	2,322.22	1,499.35	1,401.20	98.15	15.277			
9,700.00	7,189.34	9,647.42	7,177.52	50.80	49.85	89.55	-683.70	2,422.22	1,499.99	1,399.51	100.48	14.928			
9,800.00	7,188.88	9,747.42	7,177.36	51.98	51.04	89.56	-684.02	2,522.21	1,500.64	1,397.78	102.85	14.590			
9,900.00	7,188.41	9,847.42	7,177.19	53.17	52.25	89.57	-684.34	2,622.21	1,501.28	1,396.02	105.26	14.263			
10,000.00	7,187.95	9,947.42	7,177.02	54.38	53.48	89.58	-684.66	2,722.21	1,501.93	1,394.23	107.70	13.946			
10,100.00	7,187.49	10,047.41	7,176.85	55.61	54.72	89.59	-684.98	2,822.20	1,502.57	1,392.41	110.17	13.639			
10,200.00	7,187.02	10,147.41	7,176.68	56.85	55.97	89.60	-685.31	2,922.20	1,503.22	1,390.55	112.66	13.343			
10,300.00	7,186.56	10,247.41	7,176.52	58.10	57.24	89.62	-685.63	3,022.20	1,503.86	1,388.68	115.18	13.056			
10,400.00	7,186.09	10,347.41	7,176.35	59.37	58.52	89.63	-685.95	3,122.19	1,504.50	1,386.77	117.73	12.779			
10,500.00	7,185.63	10,447.40	7,176.18	60.64	59.81	89.64	-686.27	3,222.19	1,505.15	1,384.85	120.30	12.512			
10,600.00	7,185.16	10,547.40	7,176.01	61.93	61.11	89.65	-686.59	3,322.19	1,505.79	1,382.90	122.89	12.253			
10,700.00	7,184.70	10,647.40	7,175.84	63.23	62.42	89.66	-686.92	3,422.18	1,506.44	1,380.94	125.50	12.003			
10,800.00	7,184.23	10,747.40	7,175.68	64.54	63.74	89.67	-687.24	3,522.18	1,507.08	1,378.95	128.13	11.762			
10,900.00	7,183.77	10,847.39	7,175.51	65.85	65.07	89.68	-687.56	3,622.18	1,507.73	1,376.95	130.78	11.529			
11,000.00	7,183.30	10,947.39	7,175.34	67.18	66.41	89.70	-687.88	3,722.18	1,508.37	1,374.93	133.44	11.303			
11,100.00	7,182.84	11,047.39	7,175.17	68.51	67.75	89.71	-688.20	3,822.17	1,509.02	1,372.89	136.12	11.086			
11,200.00	7,182.37	11,147.39	7,175.00	69.85	69.11	89.72	-688.53	3,922.17	1,509.66	1,370.84	138.82	10.875			
11,300.00	7,181.91	11,247.38	7,174.84	71.20	70.46	89.73	-688.85	4,022.17	1,510.31	1,368.78	141.53	10.671			
11,400.00	7,181.45	11,347.38	7,174.67	72.56	71.83	89.74	-689.17	4,122.16	1,510.95	1,366.70	144.25	10.475			
11,500.00	7,180.98	11,447.38	7,174.50	73.92	73.20	89.75	-689.49	4,222.16	1,511.60	1,364.61	146.98	10.284			
11,600.00	7,180.52	11,547.38	7,174.33	75.29	74.58	89.76	-689.81	4,322.16	1,512.24	1,362.51	149.73	10.100			
11,700.00	7,180.05	11,647.37	7,174.16	76.66	75.96	89.78	-690.14	4,422.15	1,512.89	1,360.40	152.49	9.921			
11,800.00	7,179.59	11,747.37	7,174.00	78.04	77.35	89.79	-690.46	4,522.15	1,513.53	1,358.28	155.26	9.749			
11,900.00	7,179.12	11,847.37	7,173.83	79.42	78.74	89.80	-690.78	4,622.15	1,514.18	1,356.14	158.03	9.581			
12,000.00	7,178.66	11,947.37	7,173.66	80.81	80.14	89.81	-691.10	4,722.14	1,514.82	1,354.00	160.82	9.419			
12,100.00	7,178.19	12,047.36	7,173.49	82.20	81.54	89.82	-691.42	4,822.14	1,515.47	1,351.85	163.62	9.262			
12,200.00	7,177.73	12,147.36	7,173.32	83.60	82.95	89.83	-691.75	4,922.14	1,516.11	1,349.69	166.42	9.110			
12,300.00	7,177.26	12,247.36	7,173.16	85.00	84.36	89.84	-692.07	5,022.13	1,516.76	1,347.52	169.24	8.962			
12,400.00	7,176.80	12,347.36	7,172.99	86.41	85.77	89.85	-692.39	5,122.13	1,517.40	1,345.35	172.06	8.819			
12,500.00	7,176.33	12,447.35	7,172.82	87.82	87.19	89.87	-692.71	5,222.13	1,518.05	1,343.17	174.89	8.680			
12,600.00	7,175.87	12,547.35	7,172.65	89.23	88.61	89.88	-693.03	5,322.12	1,518.70	1,340.98	177.72	8.545			
12,700.00	7,175.40	12,647.35	7,172.48	90.65	90.03	89.89	-693.36	5,422.12	1,519.34	1,338.78	180.56	8.415			
12,800.00	7,174.94	12,747.35	7,172.32	92.07	91.46	89.90	-693.68	5,522.12	1,519.99	1,336.58	183.41	8.287			
12,900.00	7,174.48	12,847.34	7,172.15	93.49	92.89	89.91	-694.00	5,622.11	1,520.63	1,334.37	186.26	8.164			
13,000.00	7,174.01	12,947.34	7,171.98	94.91	94.32	89.92	-694.32	5,722.11	1,521.28	1,332.15	189.12	8.044			
13,100.00	7,173.55	13,047.34	7,171.81	96.34	95.75	89.93	-694.64	5,822.11	1,521.93	1,329.94	191.99	7.927			
13,200.00	7,173.08	13,147.34	7,171.64	97.77	97.19	89.94	-694.97	5,922.11	1,522.57	1,327.71	194.86	7.814			
13,300.00	7,172.62	13,247.33	7,171.48	99.21	98.63	89.96	-695.29	6,022.10	1,523.22	1,325.48	197.74	7.703			
13,400.00	7,172.15	13,347.33	7,171.31	100.64	100.08	89.97	-695.61	6,122.10	1,523.86	1,323.25	200.62	7.596			
13,500.00	7,171.69	13,447.33	7,171.14	102.08	101.52	89.98	-695.93	6,222.10	1,524.51	1,321.01	203.50	7.491			
13,600.00	7,171.22	13,547.33	7,170.97	103.52	102.97	89.99	-696.25	6,322.09	1,525.16	1,318.76	206.39	7.390			
13,700.00	7,170.76	13,647.32	7,170.80	104.97	104.42	90.00	-696.58	6,422.09	1,525.80	1,316.52	209.29	7.290			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	13,747.32	7,170.64	106.41	105.87	90.01	-696.90	6,522.09	1,526.45	1,314.26	212.19	7.194		
13,900.00	7,169.83	13,847.32	7,170.47	107.86	107.32	90.02	-697.22	6,622.08	1,527.10	1,312.01	215.09	7.100		
14,000.00	7,169.36	13,947.32	7,170.30	109.31	108.78	90.03	-697.54	6,722.08	1,527.74	1,309.75	217.99	7.008		
14,100.00	7,168.90	14,047.31	7,170.13	110.76	110.23	90.04	-697.86	6,822.08	1,528.39	1,307.49	220.90	6.919		
14,200.00	7,168.44	14,147.31	7,169.96	112.21	111.69	90.06	-698.19	6,922.07	1,529.04	1,305.22	223.82	6.832		
14,300.00	7,167.97	14,247.31	7,169.80	113.67	113.15	90.07	-698.51	7,022.07	1,529.68	1,302.95	226.73	6.747		
14,400.00	7,167.51	14,347.31	7,169.63	115.12	114.61	90.08	-698.83	7,122.07	1,530.33	1,300.68	229.65	6.664		
14,500.00	7,167.04	14,447.30	7,169.46	116.58	116.08	90.09	-699.15	7,222.06	1,530.98	1,298.40	232.57	6.583		
14,600.00	7,166.58	14,547.30	7,169.29	118.04	117.54	90.10	-699.47	7,322.06	1,531.62	1,296.12	235.50	6.504		
14,700.00	7,166.11	14,647.30	7,169.12	119.50	119.01	90.11	-699.80	7,422.06	1,532.27	1,293.84	238.43	6.427		
14,800.00	7,165.65	14,747.30	7,168.96	120.97	120.47	90.12	-700.12	7,522.05	1,532.92	1,291.56	241.36	6.351		
14,900.00	7,165.18	14,847.29	7,168.79	122.43	121.94	90.13	-700.44	7,622.05	1,533.56	1,289.27	244.29	6.278		
15,000.00	7,164.72	14,947.29	7,168.62	123.90	123.41	90.14	-700.76	7,722.05	1,534.21	1,286.98	247.23	6.206		
15,100.00	7,164.25	15,047.29	7,168.45	125.36	124.88	90.16	-701.08	7,822.04	1,534.86	1,284.69	250.17	6.135		
15,200.00	7,163.79	15,147.29	7,168.28	126.83	126.35	90.17	-701.41	7,922.04	1,535.50	1,282.40	253.11	6.067		
15,300.00	7,163.32	15,247.28	7,168.12	128.30	127.83	90.18	-701.73	8,022.04	1,536.15	1,280.10	256.05	5.999		
15,400.00	7,162.86	15,347.28	7,167.95	129.77	129.30	90.19	-702.05	8,122.03	1,536.80	1,277.80	259.00	5.934		
15,500.00	7,162.39	15,447.28	7,167.78	131.24	130.78	90.20	-702.37	8,222.03	1,537.45	1,275.50	261.95	5.869		
15,600.00	7,161.93	15,547.28	7,167.61	132.71	132.25	90.21	-702.69	8,322.03	1,538.09	1,273.20	264.90	5.806		
15,700.00	7,161.47	15,647.27	7,167.44	134.19	133.73	90.22	-703.02	8,422.03	1,538.74	1,270.89	267.85	5.745		
15,800.00	7,161.00	15,747.27	7,167.28	135.66	135.21	90.23	-703.34	8,522.02	1,539.39	1,268.59	270.80	5.685		
15,900.00	7,160.54	15,847.27	7,167.11	137.14	136.69	90.24	-703.66	8,622.02	1,540.04	1,266.28	273.76	5.626		
16,000.00	7,160.07	15,947.26	7,166.94	138.61	138.17	90.25	-703.98	8,722.02	1,540.68	1,263.97	276.72	5.568		
16,100.00	7,159.61	16,047.26	7,166.77	140.09	139.65	90.26	-704.30	8,822.01	1,541.33	1,261.66	279.67	5.511		
16,200.00	7,159.14	16,147.26	7,166.60	141.57	141.13	90.28	-704.63	8,922.01	1,541.98	1,259.34	282.64	5.456		
16,300.00	7,158.68	16,247.26	7,166.44	143.05	142.61	90.29	-704.95	9,022.01	1,542.63	1,257.03	285.60	5.401		
16,400.00	7,158.21	16,347.25	7,166.27	144.53	144.10	90.30	-705.27	9,122.00	1,543.28	1,254.71	288.56	5.348		
16,500.00	7,157.75	16,447.25	7,166.10	146.01	145.58	90.31	-705.59	9,222.00	1,543.92	1,252.39	291.53	5.296		
16,600.00	7,157.28	16,547.25	7,165.93	147.49	147.07	90.32	-705.92	9,322.00	1,544.57	1,250.07	294.50	5.245		
16,700.00	7,156.82	16,647.25	7,165.76	148.97	148.55	90.33	-706.24	9,421.99	1,545.22	1,247.75	297.47	5.195		
16,800.00	7,156.35	16,747.24	7,165.60	150.45	150.04	90.34	-706.56	9,521.99	1,545.87	1,245.43	300.44	5.145		
16,900.00	7,155.89	16,847.24	7,165.43	151.94	151.52	90.35	-706.88	9,621.99	1,546.52	1,243.11	303.41	5.097		
17,000.00	7,155.43	16,947.24	7,165.26	153.42	153.01	90.36	-707.20	9,721.98	1,547.16	1,240.78	306.38	5.050		
17,100.00	7,154.96	17,047.24	7,165.09	154.90	154.50	90.37	-707.53	9,821.98	1,547.81	1,238.46	309.36	5.003		
17,200.00	7,154.50	17,147.23	7,164.92	156.39	155.99	90.38	-707.85	9,921.98	1,548.46	1,236.13	312.33	4.958		
17,300.00	7,154.03	17,247.23	7,164.76	157.88	157.48	90.39	-708.17	10,021.97	1,549.11	1,233.80	315.31	4.913		
17,400.00	7,153.57	17,347.23	7,164.59	159.36	158.97	90.41	-708.49	10,121.97	1,549.76	1,231.47	318.29	4.869		
17,500.00	7,153.10	17,447.23	7,164.42	160.85	160.46	90.42	-708.81	10,221.97	1,550.41	1,229.14	321.26	4.826		
17,600.00	7,152.64	17,547.22	7,164.25	162.34	161.95	90.43	-709.14	10,321.96	1,551.05	1,226.81	324.25	4.784		
17,700.00	7,152.17	17,647.22	7,164.08	163.83	163.44	90.44	-709.46	10,421.96	1,551.70	1,224.48	327.23	4.742		
17,737.15	7,152.00	17,684.37	7,164.02	164.38	163.99	90.44	-709.58	10,459.11	1,551.94	1,223.61	328.33	4.727 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-40.07	0.00	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-40.07	0.00	40.07	33.50	6.57	6.100		
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-40.07	0.00	40.07	33.40	6.67	6.007		
300.00	300.00	300.00	300.00	3.44	3.44	180.00	-40.07	0.00	40.07	33.19	6.88	5.821		
400.00	400.00	399.87	399.86	3.60	3.59	-178.78	-40.22	-0.86	40.23	33.04	7.19	5.593		
500.00	499.99	500.31	499.65	3.80	3.79	-116.27	-40.67	-3.43	41.20	33.61	7.59	5.430		
600.00	599.96	599.81	599.71	4.03	4.02	-114.86	-41.26	-6.87	43.18	35.13	8.05	5.361		
700.00	699.86	701.31	701.11	4.30	4.29	-114.93	-39.76	-10.71	43.88	35.29	8.60	5.105		
790.00	789.74	792.61	792.23	4.57	4.56	-114.94	-35.38	-14.67	41.91	32.77	9.14	4.587		
800.00	799.73	802.75	802.33	4.60	4.60	-118.01	-34.72	-15.13	41.54	32.34	9.20	4.515		
900.00	899.50	903.13	902.30	4.92	4.92	-138.41	-27.08	-19.95	38.66	28.82	9.84	3.930		
937.67	937.04	940.80	939.81	5.04	5.04	-142.93	-24.15	-21.76	38.41	28.33	10.08	3.809 CC, ES		
1,000.00	999.05	1,003.12	1,001.88	5.26	5.25	-148.48	-19.30	-24.77	39.09	28.58	10.51	3.720		
1,077.14	1,075.61	1,080.21	1,078.65	5.53	5.52	-153.41	-13.31	-28.49	41.78	30.73	11.05	3.782		
1,100.00	1,098.26	1,103.05	1,101.38	5.61	5.60	-153.56	-11.53	-29.59	42.88	31.67	11.21	3.825		
1,200.00	1,197.35	1,202.93	1,200.85	5.98	5.96	-154.11	-3.76	-34.40	47.71	35.77	11.94	3.996		
1,300.00	1,296.44	1,302.81	1,300.31	6.35	6.34	-154.56	4.00	-39.22	52.54	39.86	12.69	4.141		
1,400.00	1,395.52	1,402.69	1,399.77	6.73	6.72	-154.93	11.77	-44.04	57.38	43.92	13.46	4.264		
1,500.00	1,494.61	1,502.58	1,499.24	7.12	7.11	-155.25	19.54	-48.85	62.22	47.98	14.24	4.369		
1,600.00	1,593.70	1,602.46	1,598.70	7.52	7.50	-155.52	27.31	-53.67	67.06	52.02	15.04	4.459		
1,700.00	1,692.78	1,702.34	1,698.16	7.93	7.90	-155.75	35.07	-58.48	71.90	56.05	15.85	4.537		
1,800.00	1,791.87	1,802.22	1,797.63	8.33	8.31	-155.96	42.84	-63.30	76.74	60.08	16.66	4.605		
1,900.00	1,890.95	1,902.11	1,897.09	8.75	8.71	-156.14	50.61	-68.12	81.58	64.10	17.49	4.665		
2,000.00	1,990.04	2,001.99	1,996.55	9.16	9.13	-156.30	58.38	-72.93	86.43	68.11	18.32	4.717		
2,100.00	2,089.13	2,101.87	2,096.02	9.58	9.54	-156.44	66.14	-77.75	91.27	72.11	19.16	4.764		
2,200.00	2,188.21	2,201.75	2,195.48	10.01	9.96	-156.57	73.91	-82.56	96.12	76.11	20.00	4.805		
2,300.00	2,287.30	2,301.63	2,294.94	10.43	10.38	-156.69	81.68	-87.38	100.96	80.11	20.85	4.842		
2,400.00	2,386.39	2,401.52	2,394.41	10.86	10.80	-156.79	89.45	-92.20	105.81	84.10	21.71	4.875		
2,500.00	2,485.47	2,501.40	2,493.87	11.29	11.22	-156.89	97.21	-97.01	110.65	88.09	22.56	4.905		
2,600.00	2,584.56	2,601.28	2,593.33	11.72	11.65	-156.98	104.98	-101.83	115.50	92.08	23.42	4.931		
2,700.00	2,683.65	2,701.16	2,692.80	12.15	12.08	-157.06	112.75	-106.64	120.35	96.06	24.28	4.956		
2,800.00	2,782.73	2,801.05	2,792.26	12.58	12.50	-157.14	120.52	-111.46	125.19	100.04	25.15	4.978		
2,900.00	2,881.82	2,900.93	2,891.72	13.02	12.93	-157.20	128.28	-116.28	130.04	104.02	26.02	4.998		
3,000.00	2,980.91	3,000.81	2,991.19	13.45	13.36	-157.27	136.05	-121.09	134.89	108.00	26.89	5.017		
3,100.00	3,079.99	3,100.69	3,090.65	13.89	13.79	-157.33	143.82	-125.91	139.73	111.98	27.76	5.034		
3,200.00	3,179.08	3,200.58	3,190.11	14.33	14.22	-157.38	151.59	-130.72	144.58	115.95	28.63	5.050		
3,300.00	3,278.17	3,300.46	3,289.58	14.76	14.66	-157.44	159.35	-135.54	149.43	119.92	29.51	5.064		
3,400.00	3,377.25	3,400.34	3,389.04	15.20	15.09	-157.49	167.12	-140.36	154.27	123.89	30.38	5.078		
3,500.00	3,476.34	3,500.22	3,488.50	15.64	15.52	-157.53	174.89	-145.17	159.12	127.86	31.26	5.090		
3,600.00	3,575.43	3,600.11	3,587.97	16.08	15.96	-157.58	182.66	-149.99	163.97	131.83	32.14	5.102		
3,700.00	3,674.51	3,700.01	3,687.43	16.53	16.39	-157.62	190.42	-154.80	168.82	135.80	33.02	5.113		
3,800.00	3,773.60	3,800.13	3,786.89	16.97	16.83	-157.65	198.19	-159.62	173.67	139.77	33.90	5.123		
3,900.00	3,872.69	3,900.25	3,886.36	17.41	17.27	-157.69	205.96	-164.44	178.51	143.73	34.78	5.132		
4,000.00	3,971.77	4,000.37	3,985.82	17.85	17.70	-157.73	213.73	-169.25	183.36	147.69	35.67	5.141		
4,100.00	4,070.86	4,100.48	4,085.28	18.29	18.14	-157.76	221.49	-174.07	188.21	151.66	36.55	5.149		
4,200.00	4,169.95	4,200.60	4,184.75	18.74	18.58	-157.79	229.26	-178.88	193.06	155.62	37.44	5.157		
4,300.00	4,269.03	4,300.72	4,284.21	19.18	19.02	-157.82	237.03	-183.70	197.91	159.58	38.32	5.164		
4,400.00	4,368.12	4,400.84	4,383.67	19.63	19.46	-157.85	244.80	-188.52	202.75	163.54	39.21	5.171		
4,500.00	4,467.21	4,500.95	4,483.14	20.07	19.90	-157.87	252.56	-193.33	207.60	167.50	40.10	5.177		
4,600.00	4,566.29	4,601.07	4,582.60	20.52	20.34	-157.90	260.33	-198.15	212.45	171.46	40.99	5.183		
4,700.00	4,665.38	4,701.19	4,682.06	20.96	20.77	-157.92	268.10	-202.97	217.30	175.42	41.87	5.189		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - LEFFLER 41C-23-L - OH - PLAN #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
4,800.00	4,764.47	4,801.31	4,781.53	21.41	21.21	-157.95	275.87	-207.78	222.15	179.38	42.76	5.195		
4,900.00	4,863.55	4,898.58	4,880.99	21.85	21.64	-157.97	283.63	-212.60	227.00	183.35	43.64	5.201		
5,000.00	4,962.64	5,001.54	4,980.45	22.30	22.10	-157.99	291.40	-217.41	231.84	187.30	44.54	5.205		
5,100.00	5,061.73	5,101.66	5,079.92	22.74	22.54	-158.01	299.17	-222.23	236.69	191.26	45.43	5.210		
5,200.00	5,160.81	5,201.78	5,179.38	23.19	22.98	-158.03	306.94	-227.05	241.54	195.22	46.33	5.214		
5,300.00	5,259.90	5,301.89	5,278.84	23.64	23.42	-158.05	314.70	-231.86	246.39	199.17	47.22	5.218		
5,400.00	5,358.99	5,397.99	5,378.31	24.08	23.84	-158.07	322.47	-236.68	251.24	203.15	48.09	5.224		
5,500.00	5,458.07	5,502.13	5,477.77	24.53	24.30	-158.09	330.24	-241.49	256.09	207.09	49.00	5.226		
5,600.00	5,557.16	5,602.25	5,577.23	24.98	24.74	-158.10	338.01	-246.31	260.94	211.04	49.89	5.230		
5,700.00	5,656.25	5,702.37	5,676.70	25.42	25.18	-158.12	345.77	-251.13	265.78	215.00	50.79	5.233		
5,800.00	5,755.33	5,802.48	5,776.16	25.87	25.62	-158.14	353.54	-255.94	270.63	218.95	51.68	5.237		
5,900.00	5,854.42	5,902.60	5,875.62	26.32	26.07	-158.15	361.31	-260.76	275.48	222.91	52.57	5.240		
6,000.00	5,953.51	6,002.72	5,975.09	26.77	26.51	-158.17	369.08	-265.57	280.33	226.87	53.46	5.243		
6,100.00	6,052.59	6,102.84	6,074.55	27.21	26.95	-158.18	376.84	-270.39	285.18	230.82	54.36	5.246		
6,200.00	6,151.68	6,202.95	6,174.01	27.66	27.39	-158.19	384.61	-275.21	290.03	234.77	55.25	5.249		
6,300.00	6,250.76	6,303.07	6,273.48	28.11	27.84	-158.21	392.38	-280.02	294.88	238.73	56.15	5.252		
6,400.00	6,349.85	6,403.19	6,372.94	28.56	28.28	-158.22	400.15	-284.84	299.72	242.68	57.04	5.255		
6,500.00	6,448.94	6,503.31	6,472.40	29.01	28.72	-158.23	407.91	-289.65	304.57	246.64	57.94	5.257		
6,589.36	6,537.48	6,586.07	6,561.43	29.41	29.08	-158.23	414.86	-293.20	308.90	250.20	58.70	5.262		
6,600.00	6,548.03	6,596.72	6,572.04	29.45	29.13	-165.39	415.69	-293.10	309.41	250.61	58.80	5.262		
6,650.00	6,597.61	6,646.63	6,621.72	29.67	29.34	159.81	419.53	-290.28	311.87	252.63	59.24	5.265		
6,700.00	6,647.01	6,696.36	6,670.83	29.89	29.55	135.00	423.30	-283.59	314.37	254.71	59.66	5.270		
6,750.00	6,695.92	6,745.89	6,719.10	30.10	29.75	121.08	426.98	-273.13	316.91	256.84	60.07	5.276		
6,800.00	6,744.04	6,795.25	6,766.24	30.31	29.94	112.87	430.55	-258.99	319.47	259.00	60.47	5.283		
6,850.00	6,791.07	6,844.43	6,811.99	30.51	30.13	107.55	433.98	-241.31	322.03	261.17	60.86	5.291		
6,900.00	6,836.72	6,893.45	6,856.10	30.71	30.32	103.80	437.27	-220.21	324.57	263.34	61.24	5.300		
6,950.00	6,880.71	6,942.31	6,898.33	30.90	30.50	100.99	440.38	-195.86	327.08	265.48	61.60	5.310		
7,000.00	6,922.77	6,991.02	6,938.46	31.08	30.67	98.80	443.31	-168.42	329.54	267.59	61.95	5.319		
7,050.00	6,962.63	7,039.59	6,976.27	31.27	30.84	97.03	446.04	-138.07	331.93	269.64	62.29	5.329		
7,100.00	7,000.07	7,088.04	7,011.58	31.44	31.01	95.57	448.56	-105.02	334.24	271.62	62.62	5.338		
7,150.00	7,034.83	7,136.36	7,044.21	31.62	31.18	94.36	450.84	-69.46	336.44	273.51	62.93	5.346		
7,200.00	7,066.72	7,184.58	7,073.99	31.79	31.34	93.33	452.90	-31.61	338.53	275.28	63.24	5.353		
7,250.00	7,095.52	7,232.70	7,100.78	31.96	31.50	92.46	454.70	8.30	340.48	276.93	63.55	5.358		
7,300.00	7,121.07	7,280.73	7,124.45	32.13	31.67	91.73	456.25	50.06	342.29	278.44	63.85	5.361		
7,350.00	7,143.21	7,328.68	7,144.89	32.30	31.83	91.11	457.54	93.41	343.95	279.79	64.16	5.361		
7,400.00	7,161.80	7,376.58	7,161.99	32.47	31.99	90.61	458.56	138.12	345.43	280.97	64.46	5.359		
7,450.00	7,176.72	7,424.42	7,175.69	32.64	32.16	90.20	459.31	183.94	346.74	281.97	64.77	5.353		
7,500.00	7,187.89	7,472.21	7,185.91	32.82	32.32	89.89	459.78	230.62	347.86	282.78	65.09	5.345		
7,550.00	7,195.23	7,519.98	7,192.61	32.99	32.49	89.67	459.97	277.90	348.79	283.39	65.40	5.333		
7,600.00	7,198.70	7,567.73	7,195.75	33.17	32.65	89.54	459.88	325.53	349.52	283.79	65.72	5.318		
7,622.60	7,199.00	7,589.35	7,196.00	33.25	32.73	89.51	459.75	347.14	349.78	283.91	65.87	5.310		
7,700.00	7,198.64	7,666.74	7,195.69	33.54	33.03	89.52	459.19	424.54	350.59	284.15	66.44	5.277		
7,800.00	7,198.17	7,766.74	7,195.28	33.98	33.46	89.53	458.46	524.53	351.64	284.35	67.29	5.226		
7,900.00	7,197.71	7,866.73	7,194.88	34.47	33.96	89.54	457.74	624.52	352.69	284.42	68.27	5.166		
8,000.00	7,197.24	7,966.73	7,194.47	35.03	34.51	89.55	457.01	724.51	353.74	284.38	69.36	5.100		
8,100.00	7,196.78	8,066.72	7,194.07	35.64	35.12	89.56	456.28	824.50	354.79	284.22	70.57	5.028		
8,200.00	7,196.31	8,166.71	7,193.66	36.30	35.79	89.57	455.56	924.49	355.84	283.96	71.89	4.950		
8,300.00	7,195.85	8,266.71	7,193.26	37.01	36.50	89.58	454.83	1,024.48	356.89	283.59	73.31	4.869		
8,400.00	7,195.38	8,366.70	7,192.85	37.77	37.27	89.59	454.10	1,124.48	357.94	283.12	74.82	4.784		
8,500.00	7,194.92	8,466.70	7,192.45	38.57	38.07	89.60	453.38	1,224.47	358.99	282.57	76.43	4.697		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,600.00	7,194.46	8,566.69	7,192.04	39.41	38.93	89.61	452.65	1,324.46	360.04	281.92	78.12	4.609		
8,700.00	7,193.99	8,666.69	7,191.64	40.30	39.82	89.62	451.92	1,424.45	361.10	281.20	79.89	4.520		
8,800.00	7,193.53	8,766.68	7,191.23	41.22	40.74	89.63	451.19	1,524.44	362.15	280.41	81.74	4.430		
8,900.00	7,193.06	8,866.68	7,190.83	42.17	41.71	89.64	450.47	1,624.43	363.20	279.54	83.66	4.342		
9,000.00	7,192.60	8,966.67	7,190.42	43.16	42.70	89.66	449.74	1,724.42	364.25	278.61	85.64	4.253		
9,100.00	7,192.13	9,066.66	7,190.02	44.17	43.73	89.67	449.01	1,824.41	365.30	277.62	87.68	4.166		
9,200.00	7,191.67	9,166.66	7,189.61	45.22	44.78	89.68	448.29	1,924.40	366.35	276.57	89.78	4.081		
9,300.00	7,191.20	9,266.65	7,189.21	46.29	45.86	89.69	447.56	2,024.39	367.40	275.47	91.93	3.996		
9,400.00	7,190.74	9,366.65	7,188.80	47.38	46.96	89.70	446.83	2,124.39	368.45	274.32	94.13	3.914		
9,500.00	7,190.27	9,466.64	7,188.40	48.50	48.09	89.71	446.11	2,224.38	369.50	273.12	96.38	3.834		
9,600.00	7,189.81	9,566.64	7,187.99	49.64	49.24	89.72	445.38	2,324.37	370.55	271.88	98.67	3.756		
9,700.00	7,189.34	9,666.63	7,187.59	50.80	50.41	89.73	444.65	2,424.36	371.60	270.61	101.00	3.679		
9,800.00	7,188.88	9,766.63	7,187.18	51.98	51.59	89.74	443.93	2,524.35	372.65	269.29	103.36	3.605		
9,900.00	7,188.41	9,866.62	7,186.78	53.17	52.79	89.75	443.20	2,624.34	373.70	267.94	105.76	3.533		
10,000.00	7,187.95	9,966.61	7,186.37	54.38	54.01	89.76	442.47	2,724.33	374.76	266.56	108.19	3.464		
10,100.00	7,187.49	10,066.61	7,185.96	55.61	55.25	89.77	441.75	2,824.32	375.81	265.15	110.66	3.396		
10,200.00	7,187.02	10,166.60	7,185.56	56.85	56.49	89.78	441.02	2,924.31	376.86	263.71	113.15	3.331		
10,300.00	7,186.56	10,266.60	7,185.15	58.10	57.76	89.78	440.29	3,024.30	377.91	262.24	115.67	3.267		
10,400.00	7,186.09	10,366.59	7,184.75	59.37	59.03	89.79	439.57	3,124.30	378.96	260.75	118.21	3.206		
10,500.00	7,185.63	10,466.59	7,184.34	60.64	60.31	89.80	438.84	3,224.29	380.01	259.24	120.77	3.147		
10,600.00	7,185.16	10,566.58	7,183.94	61.93	61.61	89.81	438.11	3,324.28	381.06	257.70	123.36	3.089		
10,700.00	7,184.70	10,666.58	7,183.53	63.23	62.91	89.82	437.39	3,424.27	382.11	256.15	125.96	3.033		
10,800.00	7,184.23	10,766.57	7,183.13	64.54	64.23	89.83	436.66	3,524.26	383.16	254.57	128.59	2.980		
10,900.00	7,183.77	10,866.56	7,182.72	65.85	65.55	89.84	435.93	3,624.25	384.21	252.98	131.23	2.928		
11,000.00	7,183.30	10,966.56	7,182.32	67.18	66.88	89.85	435.21	3,724.24	385.26	251.37	133.89	2.877		
11,100.00	7,182.84	11,066.55	7,181.91	68.51	68.22	89.86	434.48	3,824.23	386.32	249.74	136.57	2.829		
11,200.00	7,182.37	11,166.55	7,181.51	69.85	69.57	89.87	433.75	3,924.22	387.37	248.10	139.26	2.782		
11,300.00	7,181.91	11,266.54	7,181.10	71.20	70.92	89.88	433.03	4,024.21	388.42	246.45	141.97	2.736		
11,400.00	7,181.45	11,366.54	7,180.70	72.56	72.29	89.89	432.30	4,124.21	389.47	244.78	144.69	2.692		
11,500.00	7,180.98	11,466.53	7,180.29	73.92	73.65	89.90	431.57	4,224.20	390.52	243.10	147.42	2.649		
11,600.00	7,180.52	11,566.53	7,179.89	75.29	75.03	89.91	430.85	4,324.19	391.57	241.41	150.16	2.608		
11,700.00	7,180.05	11,666.52	7,179.48	76.66	76.40	89.91	430.12	4,424.18	392.62	239.71	152.92	2.568		
11,800.00	7,179.59	11,766.51	7,179.08	78.04	77.79	89.92	429.39	4,524.17	393.67	237.99	155.68	2.529		
11,900.00	7,179.12	11,866.51	7,178.67	79.42	79.18	89.93	428.67	4,624.16	394.72	236.27	158.46	2.491		
12,000.00	7,178.66	11,966.50	7,178.27	80.81	80.57	89.94	427.94	4,724.15	395.77	234.53	161.24	2.455		
12,100.00	7,178.19	12,066.50	7,177.86	82.20	81.97	89.95	427.21	4,824.14	396.83	232.79	164.03	2.419		
12,200.00	7,177.73	12,166.49	7,177.46	83.60	83.37	89.96	426.49	4,924.13	397.88	231.04	166.84	2.385		
12,300.00	7,177.26	12,266.49	7,177.05	85.00	84.78	89.97	425.76	5,024.12	398.93	229.28	169.65	2.352		
12,400.00	7,176.80	12,366.48	7,176.65	86.41	86.19	89.98	425.03	5,124.12	399.98	227.51	172.47	2.319		
12,500.00	7,176.33	12,466.48	7,176.24	87.82	87.60	89.98	424.31	5,224.11	401.03	225.74	175.29	2.288		
12,600.00	7,175.87	12,566.47	7,175.84	89.23	89.02	89.99	423.58	5,324.10	402.08	223.96	178.13	2.257		
12,700.00	7,175.40	12,666.46	7,175.43	90.65	90.44	90.00	422.85	5,424.09	403.13	222.17	180.97	2.228		
12,800.00	7,174.94	12,766.46	7,175.03	92.07	91.86	90.01	422.13	5,524.08	404.18	220.37	183.81	2.199		
12,900.00	7,174.48	12,866.45	7,174.62	93.49	93.29	90.02	421.40	5,624.07	405.23	218.57	186.66	2.171		
13,000.00	7,174.01	12,966.45	7,174.22	94.91	94.72	90.03	420.67	5,724.06	406.29	216.76	189.52	2.144		
13,100.00	7,173.55	13,066.44	7,173.81	96.34	96.15	90.03	419.95	5,824.05	407.34	214.95	192.39	2.117		
13,200.00	7,173.08	13,166.44	7,173.41	97.77	97.59	90.04	419.22	5,924.04	408.39	213.13	195.26	2.092		
13,300.00	7,172.62	13,266.43	7,173.00	99.21	99.03	90.05	418.49	6,024.03	409.44	211.31	198.13	2.067		
13,400.00	7,172.15	13,366.43	7,172.60	100.64	100.47	90.06	417.77	6,124.03	410.49	209.48	201.01	2.042		
13,500.00	7,171.69	13,466.42	7,172.19	102.08	101.91	90.07	417.04	6,224.02	411.54	207.65	203.89	2.018		
13,600.00	7,171.22	13,566.41	7,171.78	103.52	103.36	90.08	416.31	6,324.01	412.59	205.81	206.78	1.995		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,700.00	7,170.76	13,666.41	7,171.38	104.97	104.80	90.08	415.59	6,424.00	413.64	203.97	209.67	1.973		
13,800.00	7,170.29	13,766.40	7,170.97	106.41	106.25	90.09	414.86	6,523.99	414.70	202.12	212.57	1.951		
13,900.00	7,169.83	13,866.40	7,170.57	107.86	107.70	90.10	414.13	6,623.98	415.75	200.27	215.47	1.929		
14,000.00	7,169.36	13,966.39	7,170.16	109.31	109.16	90.11	413.41	6,723.97	416.80	198.42	218.38	1.909		
14,100.00	7,168.90	14,066.39	7,169.76	110.76	110.61	90.12	412.68	6,823.96	417.85	196.56	221.28	1.888		
14,200.00	7,168.44	14,166.38	7,169.35	112.21	112.07	90.12	411.95	6,923.95	418.90	194.70	224.20	1.868		
14,300.00	7,167.97	14,266.38	7,168.95	113.67	113.53	90.13	411.23	7,023.94	419.95	192.84	227.11	1.849		
14,400.00	7,167.51	14,366.37	7,168.54	115.12	114.98	90.14	410.50	7,123.94	421.00	190.97	230.03	1.830		
14,500.00	7,167.04	14,466.37	7,168.14	116.58	116.45	90.15	409.77	7,223.93	422.05	189.10	232.95	1.812		
14,600.00	7,166.58	14,566.36	7,167.73	118.04	117.91	90.15	409.04	7,323.92	423.10	187.23	235.88	1.794		
14,700.00	7,166.11	14,666.35	7,167.33	119.50	119.37	90.16	408.32	7,423.91	424.16	185.35	238.80	1.776		
14,800.00	7,165.65	14,766.35	7,166.92	120.97	120.84	90.17	407.59	7,523.90	425.21	183.47	241.73	1.759		
14,900.00	7,165.18	14,866.34	7,166.52	122.43	122.31	90.18	406.86	7,623.89	426.26	181.59	244.67	1.742		
15,000.00	7,164.72	14,966.34	7,166.11	123.90	123.77	90.18	406.14	7,723.88	427.31	179.71	247.60	1.726		
15,100.00	7,164.25	15,066.33	7,165.71	125.36	125.24	90.19	405.41	7,823.87	428.36	177.82	250.54	1.710		
15,200.00	7,163.79	15,166.33	7,165.30	126.83	126.71	90.20	404.68	7,923.86	429.41	175.93	253.48	1.694		
15,300.00	7,163.32	15,266.32	7,164.90	128.30	128.19	90.21	403.96	8,023.85	430.46	174.04	256.42	1.679		
15,400.00	7,162.86	15,366.32	7,164.49	129.77	129.66	90.21	403.23	8,123.85	431.52	172.15	259.37	1.664		
15,500.00	7,162.39	15,466.31	7,164.09	131.24	131.13	90.22	402.50	8,223.84	432.57	170.25	262.32	1.649		
15,600.00	7,161.93	15,566.30	7,163.68	132.71	132.61	90.23	401.78	8,323.83	433.62	168.35	265.26	1.635		
15,700.00	7,161.47	15,666.30	7,163.28	134.19	134.08	90.24	401.05	8,423.82	434.67	166.45	268.22	1.621		
15,800.00	7,161.00	15,766.29	7,162.87	135.66	135.56	90.24	400.32	8,523.81	435.72	164.55	271.17	1.607		
15,900.00	7,160.54	15,866.29	7,162.47	137.14	137.04	90.25	399.60	8,623.80	436.77	162.65	274.12	1.593		
16,000.00	7,160.07	15,966.28	7,162.06	138.61	138.52	90.26	398.87	8,723.79	437.82	160.74	277.08	1.580		
16,100.00	7,159.61	16,066.28	7,161.66	140.09	140.00	90.26	398.14	8,823.78	438.87	158.83	280.04	1.567		
16,200.00	7,159.14	16,166.27	7,161.25	141.57	141.48	90.27	397.42	8,923.77	439.93	156.92	283.00	1.555		
16,300.00	7,158.68	16,266.27	7,160.85	143.05	142.96	90.28	396.69	9,023.76	440.98	155.01	285.96	1.542		
16,400.00	7,158.21	16,366.26	7,160.44	144.53	144.44	90.29	395.96	9,123.76	442.03	153.10	288.93	1.530		
16,500.00	7,157.75	16,466.25	7,160.04	146.01	145.93	90.29	395.24	9,223.75	443.08	151.19	291.89	1.518		
16,600.00	7,157.28	16,566.25	7,159.63	147.49	147.41	90.30	394.51	9,323.74	444.13	149.27	294.86	1.506		
16,700.00	7,156.82	16,666.24	7,159.23	148.97	148.89	90.31	393.78	9,423.73	445.18	147.35	297.83	1.495 Level 3		
16,800.00	7,156.35	16,766.24	7,158.82	150.45	150.38	90.31	393.06	9,523.72	446.23	145.44	300.80	1.483 Level 3		
16,900.00	7,155.89	16,866.23	7,158.42	151.94	151.87	90.32	392.33	9,623.71	447.29	143.52	303.77	1.472 Level 3		
17,000.00	7,155.43	16,966.23	7,158.01	153.42	153.35	90.33	391.60	9,723.70	448.34	141.59	306.74	1.462 Level 3		
17,100.00	7,154.96	17,066.22	7,157.60	154.90	154.84	90.33	390.88	9,823.69	449.39	139.67	309.72	1.451 Level 3		
17,200.00	7,154.50	17,166.22	7,157.20	156.39	156.33	90.34	390.15	9,923.68	450.44	137.75	312.69	1.441 Level 3		
17,300.00	7,154.03	17,266.21	7,156.79	157.88	157.82	90.35	389.42	10,023.67	451.49	135.82	315.67	1.430 Level 3		
17,400.00	7,153.57	17,366.20	7,156.39	159.36	159.31	90.35	388.70	10,123.67	452.54	133.90	318.65	1.420 Level 3		
17,500.00	7,153.10	17,466.20	7,155.98	160.85	160.80	90.36	387.97	10,223.66	453.59	131.97	321.63	1.410 Level 3		
17,600.00	7,152.64	17,566.19	7,155.58	162.34	162.29	90.37	387.24	10,323.65	454.65	130.04	324.61	1.401 Level 3		
17,700.00	7,152.17	17,666.19	7,155.17	163.83	163.78	90.37	386.52	10,423.64	455.70	128.11	327.59	1.391 Level 3		
17,737.15	7,152.00	17,703.34	7,155.02	164.38	164.33	90.38	386.25	10,460.79	456.09	127.39	328.69	1.388 Level 3, SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
LEFFLER 8-21 PAD - LEFFLER 41N-23C-L - OH - PLAN #1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-20.04	0.00	20.04					
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-20.04	0.00	20.04	13.47	6.57	3.051		
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-20.04	0.00	20.04	13.37	6.67	3.004		
203.30	203.30	203.30	203.30	3.34	3.34	180.00	-20.04	0.00	20.04	13.36	6.68	3.002		
300.00	300.00	299.99	299.98	3.44	3.44	-177.51	-20.04	-0.87	20.06	13.18	6.88	2.915		
400.00	400.00	399.92	399.88	3.60	3.59	-170.13	-20.04	-3.49	20.34	13.15	7.19	2.829		
500.00	499.99	500.24	499.62	3.80	3.79	-100.90	-20.04	-7.84	21.67	14.08	7.59	2.855		
600.00	599.96	599.78	599.51	4.03	4.03	-95.17	-20.02	-13.07	23.98	15.92	8.06	2.975		
700.00	699.86	700.56	700.13	4.30	4.30	-92.36	-17.91	-18.25	24.65	16.06	8.60	2.868		
790.00	789.74	791.20	790.51	4.57	4.57	-88.44	-12.98	-22.76	22.65	13.52	9.13	2.480		
800.00	799.73	801.25	800.53	4.60	4.60	-90.90	-12.26	-23.25	22.29	13.10	9.19	2.425		
900.00	899.50	901.76	900.50	4.92	4.93	-104.27	-3.11	-28.07	18.85	9.02	9.82	1.919		
1,000.00	999.05	1,001.77	999.76	5.26	5.26	-107.71	8.12	-32.75	16.63	6.14	10.48	1.586		
1,040.80	1,039.57	1,042.57	1,040.26	5.40	5.40	-109.80	12.71	-34.66	16.44	5.67	10.76	1.527 CC		
1,077.14	1,075.61	1,078.91	1,076.33	5.53	5.53	-112.49	16.80	-36.37	16.59	5.57	11.02	1.505		
1,100.00	1,098.26	1,101.76	1,099.01	5.61	5.61	-113.33	19.37	-37.44	16.78	5.60	11.18	1.501		
1,200.00	1,197.35	1,201.75	1,198.26	5.98	5.97	-116.77	30.62	-42.12	17.68	5.77	11.91	1.485 Level 3		
1,300.00	1,296.44	1,301.75	1,297.51	6.35	6.35	-119.86	41.87	-46.80	18.63	5.97	12.66	1.472 Level 3		
1,400.00	1,395.52	1,401.74	1,396.75	6.73	6.73	-122.65	53.12	-51.49	19.63	6.20	13.43	1.462 Level 3		
1,500.00	1,494.61	1,501.73	1,496.00	7.12	7.12	-125.16	64.37	-56.17	20.67	6.46	14.21	1.454 Level 3		
1,600.00	1,593.70	1,601.72	1,595.24	7.52	7.52	-127.43	75.62	-60.85	21.75	6.74	15.01	1.449 Level 3		
1,700.00	1,692.78	1,701.71	1,694.49	7.93	7.92	-129.48	86.87	-65.53	22.86	7.04	15.82	1.445 Level 3		
1,800.00	1,791.87	1,801.70	1,793.73	8.33	8.33	-131.34	98.12	-70.22	24.00	7.35	16.65	1.442 Level 3		
1,900.00	1,890.95	1,901.69	1,892.98	8.75	8.74	-133.03	109.37	-74.90	25.15	7.68	17.48	1.439 Level 3		
2,000.00	1,990.04	2,001.68	1,992.22	9.16	9.15	-134.56	120.62	-79.58	26.33	8.02	18.31	1.438 Level 3		
2,100.00	2,089.13	2,101.67	2,091.47	9.58	9.57	-135.97	131.87	-84.27	27.53	8.37	19.16	1.437 Level 3		
2,200.00	2,188.21	2,201.66	2,190.71	10.01	9.99	-137.26	143.12	-88.95	28.74	8.73	20.01	1.437 Level 3		
2,300.00	2,287.30	2,301.65	2,289.96	10.43	10.41	-138.44	154.37	-93.63	29.97	9.10	20.86	1.436 Level 3		
2,400.00	2,386.39	2,401.64	2,389.20	10.86	10.84	-139.53	165.62	-98.32	31.20	9.48	21.72	1.437 Level 3		
2,500.00	2,485.47	2,501.63	2,488.45	11.29	11.27	-140.54	176.87	-103.00	32.45	9.87	22.58	1.437 Level 3		
2,600.00	2,584.56	2,601.62	2,587.70	11.72	11.70	-141.47	188.12	-107.68	33.70	10.26	23.45	1.437 Level 3		
2,700.00	2,683.65	2,701.61	2,686.94	12.15	12.13	-142.33	199.37	-112.36	34.97	10.65	24.32	1.438 Level 3		
2,800.00	2,782.73	2,801.61	2,786.19	12.58	12.56	-143.14	210.62	-117.05	36.24	11.05	25.19	1.439 Level 3		
2,900.00	2,881.82	2,901.60	2,885.43	13.02	12.99	-143.89	221.87	-121.73	37.52	11.46	26.06	1.440 Level 3		
3,000.00	2,980.91	3,001.59	2,984.68	13.45	13.42	-144.59	233.12	-126.41	38.80	11.87	26.94	1.441 Level 3		
3,100.00	3,079.99	3,101.58	3,083.92	13.89	13.86	-145.24	244.37	-131.10	40.09	12.28	27.81	1.441 Level 3		
3,200.00	3,179.08	3,201.57	3,183.17	14.33	14.29	-145.86	255.62	-135.78	41.39	12.69	28.69	1.442 Level 3		
3,300.00	3,278.17	3,301.56	3,282.41	14.76	14.73	-146.43	266.87	-140.46	42.69	13.11	29.58	1.443 Level 3		
3,400.00	3,377.25	3,401.55	3,381.66	15.20	15.17	-146.98	278.12	-145.14	43.99	13.53	30.46	1.444 Level 3		
3,500.00	3,476.34	3,501.54	3,480.90	15.64	15.61	-147.49	289.37	-149.83	45.30	13.95	31.34	1.445 Level 3		
3,600.00	3,575.43	3,601.53	3,580.15	16.08	16.04	-147.97	300.62	-154.51	46.61	14.38	32.23	1.446 Level 3		
3,700.00	3,674.51	3,701.52	3,679.39	16.53	16.48	-148.43	311.87	-159.19	47.92	14.80	33.11	1.447 Level 3		
3,800.00	3,773.60	3,801.51	3,778.64	16.97	16.92	-148.86	323.12	-163.88	49.24	15.23	34.00	1.448 Level 3		
3,900.00	3,872.69	3,901.50	3,877.88	17.41	17.36	-149.27	334.37	-168.56	50.55	15.66	34.89	1.449 Level 3		
4,000.00	3,971.77	4,001.49	3,977.13	17.85	17.80	-149.66	345.62	-173.24	51.88	16.10	35.78	1.450 Level 3		
4,100.00	4,070.86	4,101.48	4,076.38	18.29	18.24	-150.03	356.87	-177.93	53.20	16.53	36.67	1.451 Level 3		
4,200.00	4,169.95	4,201.47	4,175.62	18.74	18.69	-150.38	368.12	-182.61	54.53	16.96	37.56	1.452 Level 3		
4,300.00	4,269.03	4,301.47	4,274.87	19.18	19.13	-150.71	379.37	-187.29	55.85	17.40	38.45	1.452 Level 3		
4,400.00	4,368.12	4,401.46	4,374.11	19.63	19.57	-151.03	390.62	-191.97	57.18	17.84	39.35	1.453 Level 3		
4,500.00	4,467.21	4,501.45	4,473.36	20.07	20.01	-151.34	401.87	-196.66	58.51	18.27	40.24	1.454 Level 3		
4,600.00	4,566.29	4,601.44	4,572.60	20.52	20.45	-151.63	413.12	-201.34	59.85	18.71	41.13	1.455 Level 3		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - LEFFLER 41N-23C-L - OH - PLAN #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,700.00	4,665.38	4,701.43	4,671.85	20.96	20.90	-151.91	424.37	-206.02	61.18	19.15	42.03	1.456	Level 3	
4,800.00	4,764.47	4,801.42	4,771.09	21.41	21.34	-152.17	435.62	-210.71	62.52	19.59	42.92	1.456	Level 3	
4,900.00	4,863.55	4,901.41	4,870.34	21.85	21.78	-152.43	446.87	-215.39	63.85	20.04	43.82	1.457	Level 3	
5,000.00	4,962.64	5,001.40	4,969.58	22.30	22.23	-152.67	458.12	-220.07	65.19	20.48	44.71	1.458	Level 3	
5,100.00	5,061.73	5,101.39	5,068.83	22.74	22.67	-152.91	469.37	-224.75	66.53	20.92	45.61	1.459	Level 3	
5,200.00	5,160.81	5,201.38	5,168.07	23.19	23.12	-153.13	480.62	-229.44	67.87	21.36	46.51	1.459	Level 3	
5,300.00	5,259.90	5,301.37	5,267.32	23.64	23.56	-153.35	491.87	-234.12	69.21	21.81	47.40	1.460	Level 3	
5,400.00	5,358.99	5,401.36	5,366.57	24.08	24.00	-153.56	503.12	-238.80	70.55	22.25	48.30	1.461	Level 3	
5,500.00	5,458.07	5,501.35	5,465.81	24.53	24.45	-153.76	514.37	-243.49	71.90	22.70	49.20	1.461	Level 3	
5,600.00	5,557.16	5,601.34	5,565.06	24.98	24.89	-153.95	525.62	-248.17	73.24	23.15	50.10	1.462	Level 3	
5,700.00	5,656.25	5,701.34	5,664.30	25.42	25.34	-154.14	536.87	-252.85	74.59	23.59	51.00	1.463	Level 3	
5,800.00	5,755.33	5,801.33	5,763.55	25.87	25.78	-154.32	548.12	-257.54	75.93	24.04	51.89	1.463	Level 3	
5,900.00	5,854.42	5,901.32	5,862.79	26.32	26.23	-154.49	559.37	-262.22	77.28	24.49	52.79	1.464	Level 3	
6,000.00	5,953.51	6,001.31	5,962.04	26.77	26.68	-154.66	570.62	-266.90	78.63	24.93	53.69	1.464	Level 3	
6,100.00	6,052.59	6,101.30	6,061.28	27.21	27.12	-154.82	581.87	-271.58	79.97	25.38	54.59	1.465	Level 3	
6,200.00	6,151.68	6,201.29	6,160.53	27.66	27.57	-154.98	593.12	-276.27	81.32	25.83	55.49	1.466	Level 3	
6,300.00	6,250.76	6,301.28	6,259.77	28.11	28.01	-155.13	604.37	-280.95	82.67	26.28	56.39	1.466	Level 3	
6,400.00	6,349.85	6,401.27	6,359.02	28.56	28.46	-155.28	615.62	-285.63	84.02	26.73	57.29	1.467	Level 3	
6,500.00	6,448.94	6,501.53	6,458.55	29.01	28.90	-156.00	626.91	-289.47	85.32	27.13	58.19	1.466	Level 3	
6,589.36	6,537.48	6,590.19	6,546.33	29.41	29.28	-163.22	636.85	-282.86	86.61	27.61	59.01	1.468	Level 3	
6,600.00	6,548.03	6,600.52	6,556.48	29.45	29.33	-171.40	638.00	-281.30	86.93	27.83	59.10	1.471	Level 3	
6,650.00	6,597.61	6,648.63	6,603.34	29.67	29.53	148.46	643.30	-271.82	89.00	29.54	59.46	1.497	Level 3	
6,700.00	6,647.01	6,696.10	6,648.74	29.89	29.72	118.73	648.44	-259.01	91.97	32.31	59.66	1.542		
6,750.00	6,695.92	6,742.95	6,692.51	30.10	29.91	100.37	653.38	-243.06	95.69	36.05	59.64	1.604		
6,800.00	6,744.04	6,789.22	6,734.47	30.31	30.08	88.23	658.12	-224.17	99.98	40.62	59.37	1.684		
6,850.00	6,791.07	6,834.97	6,774.51	30.51	30.26	79.47	662.64	-202.53	104.69	45.88	58.82	1.780		
6,900.00	6,836.72	6,880.21	6,812.49	30.71	30.42	72.76	666.93	-178.33	109.67	51.65	58.01	1.890		
6,950.00	6,880.71	6,925.01	6,848.32	30.90	30.59	67.43	670.97	-151.77	114.77	57.79	56.97	2.014		
7,000.00	6,922.77	6,969.38	6,881.89	31.08	30.74	63.09	674.75	-123.02	119.88	64.15	55.73	2.151		
7,050.00	6,962.63	7,013.37	6,913.13	31.27	30.90	59.52	678.27	-92.26	124.90	70.57	54.34	2.299		
7,100.00	7,000.07	7,057.01	6,941.97	31.44	31.05	56.54	681.51	-59.67	129.75	76.93	52.82	2.457		
7,150.00	7,034.83	7,100.34	6,968.33	31.62	31.20	54.06	684.47	-25.43	134.36	83.13	51.23	2.623		
7,200.00	7,066.72	7,143.39	6,992.18	31.79	31.34	51.99	687.15	10.31	138.65	89.04	49.62	2.795		
7,250.00	7,095.52	7,186.20	7,013.45	31.96	31.49	50.27	689.53	47.36	142.59	94.57	48.03	2.969		
7,300.00	7,121.07	7,228.78	7,032.12	32.13	31.64	48.85	691.62	85.58	146.13	99.62	46.51	3.142		
7,350.00	7,143.21	7,271.19	7,048.14	32.30	31.78	47.70	693.40	124.79	149.23	104.11	45.12	3.307		
7,400.00	7,161.80	7,313.44	7,061.49	32.47	31.93	46.78	694.89	164.83	151.87	107.96	43.91	3.459		
7,450.00	7,176.72	7,355.56	7,072.15	32.64	32.08	46.09	696.06	205.56	154.03	111.10	42.93	3.588		
7,500.00	7,187.89	7,397.59	7,080.09	32.82	32.23	45.60	696.93	246.82	155.68	113.46	42.21	3.688		
7,550.00	7,195.23	7,439.55	7,085.30	32.99	32.38	45.30	697.49	288.44	156.81	115.00	41.80	3.751		
7,600.00	7,198.70	7,481.47	7,087.78	33.17	32.52	45.19	697.74	330.28	157.41	115.69	41.72	3.773		
7,622.60	7,199.00	7,501.80	7,088.00	33.25	32.60	45.19	697.75	349.10	157.51	115.71	41.80	3.768		
7,700.00	7,198.64	7,577.69	7,087.68	33.54	32.89	45.29	697.65	426.50	157.73	115.44	42.29	3.730		
7,800.00	7,198.17	7,677.69	7,087.26	33.98	33.33	45.42	697.53	526.50	158.01	114.96	43.05	3.670		
7,900.00	7,197.71	7,777.69	7,086.85	34.47	33.84	45.55	697.41	626.50	158.30	114.35	43.95	3.602		
8,000.00	7,197.24	7,877.69	7,086.43	35.03	34.40	45.67	697.29	726.49	158.58	113.61	44.97	3.526		
8,100.00	7,196.78	7,977.69	7,086.02	35.64	35.01	45.80	697.16	826.49	158.87	112.75	46.12	3.445		
8,200.00	7,196.31	8,077.68	7,085.60	36.30	35.68	45.92	697.04	926.49	159.16	111.78	47.38	3.359		
8,300.00	7,195.85	8,177.68	7,085.19	37.01	36.41	46.05	696.92	1,026.49	159.44	110.71	48.74	3.271		
8,400.00	7,195.38	8,277.68	7,084.77	37.77	37.17	46.17	696.79	1,126.49	159.73	109.53	50.20	3.182		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,500.00	7,194.92	8,377.68	7,084.36	38.57	37.99	46.29	696.67	1,226.48	160.02	108.27	51.75	3.092		
8,600.00	7,194.46	8,477.68	7,083.94	39.41	38.84	46.42	696.55	1,326.48	160.31	106.93	53.38	3.003		
8,700.00	7,193.99	8,577.68	7,083.53	40.30	39.73	46.54	696.42	1,426.48	160.60	105.51	55.09	2.915		
8,800.00	7,193.53	8,677.68	7,083.11	41.22	40.67	46.66	696.30	1,526.48	160.89	104.03	56.87	2.829		
8,900.00	7,193.06	8,777.68	7,082.70	42.17	41.63	46.78	696.18	1,626.48	161.18	102.48	58.71	2.745		
9,000.00	7,192.60	8,877.68	7,082.28	43.16	42.63	46.91	696.05	1,726.47	161.48	100.87	60.61	2.664		
9,100.00	7,192.13	8,977.68	7,081.87	44.17	43.66	47.03	695.93	1,826.47	161.77	99.21	62.56	2.586		
9,200.00	7,191.67	9,077.67	7,081.45	45.22	44.71	47.15	695.81	1,926.47	162.06	97.50	64.56	2.510		
9,300.00	7,191.20	9,177.67	7,081.03	46.29	45.79	47.27	695.69	2,026.47	162.36	95.75	66.61	2.437		
9,400.00	7,190.74	9,277.67	7,080.62	47.38	46.90	47.39	695.56	2,126.47	162.65	93.95	68.70	2.367		
9,500.00	7,190.27	9,377.67	7,080.20	48.50	48.03	47.51	695.44	2,226.46	162.95	92.12	70.83	2.301		
9,600.00	7,189.81	9,477.67	7,079.79	49.64	49.18	47.63	695.32	2,326.46	163.25	90.25	73.00	2.236		
9,700.00	7,189.34	9,577.67	7,079.37	50.80	50.34	47.74	695.19	2,426.46	163.55	88.35	75.19	2.175		
9,800.00	7,188.88	9,677.67	7,078.96	51.98	51.53	47.86	695.07	2,526.46	163.84	86.42	77.42	2.116		
9,900.00	7,188.41	9,777.67	7,078.54	53.17	52.74	47.98	694.95	2,626.46	164.14	84.47	79.68	2.060		
10,000.00	7,187.95	9,877.67	7,078.13	54.38	53.96	48.10	694.82	2,726.46	164.44	82.48	81.96	2.006		
10,100.00	7,187.49	9,977.67	7,077.71	55.61	55.19	48.21	694.70	2,826.45	164.74	80.48	84.27	1.955		
10,200.00	7,187.02	10,077.66	7,077.30	56.85	56.44	48.33	694.58	2,926.45	165.04	78.45	86.60	1.906		
10,300.00	7,186.56	10,177.66	7,076.88	58.10	57.70	48.45	694.45	3,026.45	165.35	76.40	88.95	1.859		
10,400.00	7,186.09	10,277.66	7,076.47	59.37	58.97	48.56	694.33	3,126.45	165.65	74.33	91.32	1.814		
10,500.00	7,185.63	10,377.66	7,076.05	60.64	60.26	48.68	694.21	3,226.45	165.95	72.24	93.71	1.771		
10,600.00	7,185.16	10,477.66	7,075.64	61.93	61.56	48.79	694.08	3,326.44	166.25	70.13	96.12	1.730		
10,700.00	7,184.70	10,577.66	7,075.22	63.23	62.86	48.91	693.96	3,426.44	166.56	68.01	98.55	1.690		
10,800.00	7,184.23	10,677.66	7,074.81	64.54	64.18	49.02	693.84	3,526.44	166.86	65.87	100.99	1.652		
10,900.00	7,183.77	10,777.66	7,074.39	65.85	65.50	49.13	693.72	3,626.44	167.17	63.72	103.45	1.616		
11,000.00	7,183.30	10,877.66	7,073.98	67.18	66.83	49.25	693.59	3,726.44	167.48	61.56	105.92	1.581		
11,100.00	7,182.84	10,977.66	7,073.56	68.51	68.17	49.36	693.47	3,826.43	167.78	59.38	108.40	1.548		
11,200.00	7,182.37	11,077.65	7,073.15	69.85	69.52	49.47	693.35	3,926.43	168.09	57.19	110.90	1.516		
11,300.00	7,181.91	11,177.65	7,072.73	71.20	70.87	49.58	693.22	4,026.43	168.40	54.99	113.41	1.485 Level 3		
11,400.00	7,181.45	11,277.65	7,072.32	72.56	72.24	49.69	693.10	4,126.43	168.71	52.78	115.93	1.455 Level 3		
11,500.00	7,180.98	11,377.65	7,071.90	73.92	73.60	49.80	692.98	4,226.43	169.02	50.55	118.47	1.427 Level 3		
11,600.00	7,180.52	11,477.65	7,071.49	75.29	74.98	49.91	692.85	4,326.42	169.33	48.32	121.01	1.399 Level 3		
11,700.00	7,180.05	11,577.65	7,071.07	76.66	76.35	50.02	692.73	4,426.42	169.64	46.07	123.56	1.373 Level 3		
11,800.00	7,179.59	11,677.65	7,070.66	78.04	77.74	50.13	692.61	4,526.42	169.95	43.82	126.13	1.347 Level 3		
11,900.00	7,179.12	11,777.65	7,070.24	79.42	79.13	50.24	692.48	4,626.42	170.26	41.56	128.70	1.323 Level 3		
12,000.00	7,178.66	11,877.65	7,069.83	80.81	80.52	50.35	692.36	4,726.42	170.57	39.29	131.28	1.299 Level 3		
12,100.00	7,178.19	11,977.65	7,069.41	82.20	81.92	50.46	692.24	4,826.41	170.89	37.01	133.87	1.276 Level 3		
12,200.00	7,177.73	12,077.64	7,068.99	83.60	83.32	50.57	692.12	4,926.41	171.20	34.73	136.47	1.254 Level 3		
12,300.00	7,177.26	12,177.64	7,068.58	85.00	84.73	50.68	691.99	5,026.41	171.52	32.43	139.08	1.233 Level 2		
12,400.00	7,176.80	12,277.64	7,068.16	86.41	86.14	50.78	691.87	5,126.41	171.83	30.13	141.70	1.213 Level 2		
12,500.00	7,176.33	12,377.64	7,067.75	87.82	87.55	50.89	691.75	5,226.41	172.15	27.82	144.32	1.193 Level 2		
12,600.00	7,175.87	12,477.64	7,067.33	89.23	88.97	51.00	691.62	5,326.40	172.46	25.51	146.95	1.174 Level 2		
12,700.00	7,175.40	12,577.64	7,066.92	90.65	90.39	51.10	691.50	5,426.40	172.78	23.19	149.59	1.155 Level 2		
12,800.00	7,174.94	12,677.64	7,066.50	92.07	91.81	51.21	691.38	5,526.40	173.10	20.86	152.24	1.137 Level 2		
12,900.00	7,174.48	12,777.64	7,066.09	93.49	93.24	51.32	691.25	5,626.40	173.42	18.53	154.89	1.120 Level 2		
13,000.00	7,174.01	12,877.64	7,065.67	94.91	94.67	51.42	691.13	5,726.40	173.73	16.19	157.55	1.103 Level 2		
13,100.00	7,173.55	12,977.64	7,065.26	96.34	96.10	51.52	691.01	5,826.39	174.05	13.84	160.21	1.086 Level 2		
13,200.00	7,173.08	13,077.63	7,064.84	97.77	97.54	51.63	690.88	5,926.39	174.37	11.49	162.88	1.071 Level 2		
13,300.00	7,172.62	13,177.63	7,064.43	99.21	98.98	51.73	690.76	6,026.39	174.69	9.13	165.56	1.055 Level 2		
13,400.00	7,172.15	13,277.63	7,064.01	100.64	100.42	51.84	690.64	6,126.39	175.01	6.77	168.24	1.040 Level 2		
13,500.00	7,171.69	13,377.63	7,063.60	102.08	101.86	51.94	690.52	6,226.39	175.34	4.41	170.93	1.026 Level 2		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.00	7,171.22	13,477.63	7,063.18	103.52	103.30	52.04	690.39	6,326.38	175.66	2.03	173.62	1.012	Level 2	
13,700.00	7,170.76	13,577.63	7,062.77	104.97	104.75	52.14	690.27	6,426.38	175.98	-0.34	176.32	0.998	Level 1	
13,800.00	7,170.29	13,677.63	7,062.35	106.41	106.20	52.25	690.15	6,526.38	176.30	-2.72	179.03	0.985	Level 1	
13,900.00	7,169.83	13,777.63	7,061.94	107.86	107.65	52.35	690.02	6,626.38	176.63	-5.11	181.74	0.972	Level 1	
14,000.00	7,169.36	13,877.63	7,061.52	109.31	109.10	52.45	689.90	6,726.38	176.95	-7.50	184.45	0.959	Level 1	
14,100.00	7,168.90	13,977.63	7,061.11	110.76	110.56	52.55	689.78	6,826.38	177.28	-9.90	187.17	0.947	Level 1	
14,200.00	7,168.44	14,077.62	7,060.69	112.21	112.01	52.65	689.65	6,926.37	177.60	-12.30	189.90	0.935	Level 1	
14,300.00	7,167.97	14,177.62	7,060.28	113.67	113.47	52.75	689.53	7,026.37	177.93	-14.70	192.63	0.924	Level 1	
14,400.00	7,167.51	14,277.62	7,059.86	115.12	114.93	52.85	689.41	7,126.37	178.25	-17.11	195.36	0.912	Level 1	
14,500.00	7,167.04	14,377.62	7,059.45	116.58	116.39	52.95	689.28	7,226.37	178.58	-19.52	198.10	0.901	Level 1	
14,600.00	7,166.58	14,477.62	7,059.03	118.04	117.85	53.05	689.16	7,326.37	178.91	-21.94	200.85	0.891	Level 1	
14,700.00	7,166.11	14,577.62	7,058.62	119.50	119.32	53.15	689.04	7,426.36	179.24	-24.36	203.59	0.880	Level 1	
14,800.00	7,165.65	14,677.62	7,058.20	120.97	120.78	53.25	688.92	7,526.36	179.57	-26.78	206.34	0.870	Level 1	
14,900.00	7,165.18	14,777.62	7,057.79	122.43	122.25	53.34	688.79	7,626.36	179.90	-29.21	209.10	0.860	Level 1	
15,000.00	7,164.72	14,877.62	7,057.37	123.90	123.72	53.44	688.67	7,726.36	180.22	-31.64	211.86	0.851	Level 1	
15,100.00	7,164.25	14,977.62	7,056.96	125.36	125.19	53.54	688.55	7,826.36	180.56	-34.07	214.63	0.841	Level 1	
15,200.00	7,163.79	15,077.61	7,056.54	126.83	126.66	53.63	688.42	7,926.35	180.89	-36.51	217.39	0.832	Level 1	
15,300.00	7,163.32	15,177.61	7,056.12	128.30	128.13	53.73	688.30	8,026.35	181.22	-38.95	220.17	0.823	Level 1	
15,400.00	7,162.86	15,277.61	7,055.71	129.77	129.60	53.83	688.18	8,126.35	181.55	-41.39	222.94	0.814	Level 1	
15,500.00	7,162.39	15,377.61	7,055.29	131.24	131.07	53.92	688.05	8,226.35	181.88	-43.84	225.72	0.806	Level 1	
15,600.00	7,161.93	15,477.61	7,054.88	132.71	132.55	54.02	687.93	8,326.35	182.21	-46.29	228.51	0.797	Level 1	
15,700.00	7,161.47	15,577.61	7,054.46	134.19	134.03	54.11	687.81	8,426.34	182.55	-48.75	231.29	0.789	Level 1	
15,800.00	7,161.00	15,677.61	7,054.05	135.66	135.50	54.21	687.68	8,526.34	182.88	-51.21	234.09	0.781	Level 1	
15,900.00	7,160.54	15,777.61	7,053.63	137.14	136.98	54.30	687.56	8,626.34	183.22	-53.67	236.88	0.773	Level 1	
16,000.00	7,160.07	15,877.61	7,053.22	138.61	138.46	54.40	687.44	8,726.34	183.55	-56.13	239.68	0.766	Level 1	
16,100.00	7,159.61	15,977.60	7,052.80	140.09	139.94	54.49	687.32	8,826.34	183.89	-58.60	242.48	0.758	Level 1	
16,200.00	7,159.14	16,077.60	7,052.39	141.57	141.42	54.58	687.19	8,926.33	184.22	-61.06	245.29	0.751	Level 1	
16,300.00	7,158.68	16,177.60	7,051.97	143.05	142.90	54.68	687.07	9,026.33	184.56	-63.54	248.09	0.744	Level 1	
16,400.00	7,158.21	16,277.60	7,051.56	144.53	144.38	54.77	686.95	9,126.33	184.89	-66.01	250.91	0.737	Level 1	
16,500.00	7,157.75	16,377.60	7,051.14	146.01	145.86	54.86	686.82	9,226.33	185.23	-68.49	253.72	0.730	Level 1	
16,600.00	7,157.28	16,477.60	7,050.73	147.49	147.35	54.95	686.70	9,326.33	185.57	-70.97	256.54	0.723	Level 1	
16,700.00	7,156.82	16,577.60	7,050.31	148.97	148.83	55.05	686.58	9,426.32	185.91	-73.45	259.36	0.717	Level 1	
16,800.00	7,156.35	16,677.60	7,049.90	150.45	150.32	55.14	686.45	9,526.32	186.25	-75.94	262.18	0.710	Level 1	
16,900.00	7,155.89	16,777.60	7,049.48	151.94	151.80	55.23	686.33	9,626.32	186.58	-78.43	265.01	0.704	Level 1	
17,000.00	7,155.43	16,877.60	7,049.07	153.42	153.29	55.32	686.21	9,726.32	186.92	-80.92	267.84	0.698	Level 1	
17,100.00	7,154.96	16,977.59	7,048.65	154.90	154.77	55.41	686.08	9,826.32	187.26	-83.41	270.67	0.692	Level 1	
17,200.00	7,154.50	17,077.59	7,048.24	156.39	156.26	55.50	685.96	9,926.31	187.60	-85.91	273.51	0.686	Level 1	
17,300.00	7,154.03	17,177.59	7,047.82	157.88	157.75	55.59	685.84	10,026.31	187.95	-88.40	276.35	0.680	Level 1	
17,400.00	7,153.57	17,277.59	7,047.41	159.36	159.24	55.68	685.71	10,126.31	188.29	-90.91	279.19	0.674	Level 1	
17,500.00	7,153.10	17,377.59	7,046.99	160.85	160.73	55.77	685.59	10,226.31	188.63	-93.41	282.04	0.669	Level 1	
17,600.00	7,152.64	17,477.59	7,046.58	162.34	162.22	55.86	685.47	10,326.31	188.97	-95.91	284.88	0.663	Level 1	
17,700.00	7,152.17	17,577.59	7,046.16	163.83	163.71	55.94	685.35	10,426.31	189.31	-98.42	287.74	0.658	Level 1	
17,737.15	7,152.00	17,614.74	7,046.01	164.38	164.26	55.98	685.30	10,463.46	189.44	-99.35	288.79	0.656	Level 1, ES, SF	



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-80.15	0.00	80.15					
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-80.15	0.00	80.15	73.58	6.57	12.202		
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-80.15	0.00	80.15	73.48	6.67	12.016		
300.00	300.00	300.00	300.00	3.44	3.44	180.00	-80.15	0.00	80.15	73.26	6.88	11.644		
400.00	400.00	400.00	400.00	3.60	3.60	180.00	-80.15	0.00	80.15	72.95	7.20	11.135 CC, ES		
500.00	499.99	500.01	499.99	3.80	3.80	-120.53	-80.15	0.00	80.59	72.99	7.60	10.606		
600.00	599.96	600.04	599.96	4.03	4.04	-122.10	-80.15	0.00	81.95	73.87	8.07	10.150		
700.00	699.86	700.14	699.86	4.30	4.31	-124.59	-80.15	0.00	84.35	75.73	8.61	9.793		
790.00	789.74	789.74	789.74	4.57	4.58	-127.14	-80.15	0.00	87.11	77.97	9.14	9.528		
800.00	799.73	800.27	799.73	4.60	4.61	-130.54	-80.15	0.00	87.44	78.24	9.21	9.499		
900.00	899.50	900.50	899.50	4.92	4.93	-154.08	-80.15	0.00	92.79	82.95	9.84	9.426		
1,000.00	999.05	1,000.95	999.05	5.26	5.26	-166.12	-80.15	0.00	101.72	91.20	10.52	9.668		
1,077.14	1,075.61	1,075.61	1,075.61	5.53	5.52	-171.72	-80.15	0.00	110.99	99.93	11.05	10.040		
1,100.00	1,098.26	1,101.74	1,098.26	5.61	5.62	-171.94	-80.15	0.00	114.04	102.81	11.23	10.154		
1,200.00	1,197.35	1,202.65	1,197.35	5.98	5.98	-172.79	-80.15	0.00	127.41	115.45	11.96	10.655		
1,300.00	1,296.44	1,303.56	1,296.44	6.35	6.36	-173.48	-80.15	0.00	140.80	128.09	12.71	11.081		
1,400.00	1,395.52	1,404.48	1,395.52	6.73	6.74	-174.05	-80.15	0.00	154.20	140.73	13.47	11.446		
1,500.00	1,494.61	1,505.39	1,494.61	7.12	7.13	-174.53	-80.15	0.00	167.62	153.37	14.25	11.761		
1,600.00	1,593.70	1,606.31	1,593.70	7.52	7.53	-174.93	-80.15	0.00	181.05	166.01	15.05	12.033		
1,700.00	1,692.78	1,707.22	1,692.78	7.93	7.93	-175.28	-80.15	0.00	194.49	178.64	15.85	12.271		
1,800.00	1,791.87	1,791.87	1,791.87	8.33	8.27	-175.59	-80.15	0.00	207.93	191.33	16.60	12.528		
1,900.00	1,890.95	1,893.13	1,893.13	8.75	8.67	-175.80	-80.01	-0.30	221.18	203.76	17.42	12.696		
2,000.00	1,990.04	1,997.87	1,997.80	9.16	9.09	-175.40	-78.60	-3.49	232.48	214.22	18.26	12.730		
2,100.00	2,089.13	2,100.11	2,099.83	9.58	9.50	-174.45	-75.89	-9.57	241.76	222.66	19.10	12.660		
2,200.00	2,188.21	2,200.38	2,199.10	10.01	9.91	-173.52	-73.06	-15.91	250.81	230.88	19.93	12.586		
2,300.00	2,287.30	2,300.87	2,298.36	10.43	10.32	-172.65	-70.24	-22.25	259.93	239.16	20.77	12.517		
2,400.00	2,386.39	2,401.36	2,397.63	10.86	10.73	-171.84	-67.42	-28.59	269.10	247.50	21.61	12.454		
2,500.00	2,485.47	2,501.85	2,496.89	11.29	11.15	-171.08	-64.59	-34.93	278.33	255.87	22.46	12.395		
2,600.00	2,584.56	2,602.34	2,596.16	11.72	11.57	-170.37	-61.77	-41.28	287.59	264.29	23.31	12.340		
2,700.00	2,683.65	2,702.83	2,695.43	12.15	11.99	-169.71	-58.95	-47.62	296.90	272.74	24.16	12.289		
2,800.00	2,782.73	2,803.33	2,794.69	12.58	12.41	-169.09	-56.12	-53.96	306.25	281.23	25.02	12.241		
2,900.00	2,881.82	2,903.82	2,893.96	13.02	12.83	-168.50	-53.30	-60.30	315.63	289.75	25.88	12.197		
3,000.00	2,980.91	3,004.31	2,993.23	13.45	13.26	-167.95	-50.48	-66.64	325.04	298.30	26.74	12.155		
3,100.00	3,079.99	3,104.80	3,092.49	13.89	13.68	-167.43	-47.65	-72.98	334.48	306.87	27.61	12.117		
3,200.00	3,179.08	3,205.29	3,191.76	14.33	14.11	-166.93	-44.83	-79.32	343.95	315.47	28.47	12.080		
3,300.00	3,278.17	3,305.78	3,291.02	14.76	14.54	-166.47	-42.01	-85.66	353.43	324.09	29.34	12.046		
3,400.00	3,377.25	3,406.27	3,390.29	15.20	14.97	-166.03	-39.18	-92.01	362.95	332.73	30.21	12.014		
3,500.00	3,476.34	3,506.77	3,489.56	15.64	15.40	-165.61	-36.36	-98.35	372.48	341.39	31.08	11.983		
3,600.00	3,575.43	3,607.26	3,588.82	16.08	15.83	-165.21	-33.54	-104.69	382.03	350.07	31.96	11.954		
3,700.00	3,674.51	3,707.75	3,688.09	16.53	16.26	-164.83	-30.71	-111.03	391.59	358.76	32.83	11.927		
3,800.00	3,773.60	3,808.24	3,787.36	16.97	16.70	-164.47	-27.89	-117.37	401.18	367.47	33.71	11.902		
3,900.00	3,872.69	3,908.73	3,886.62	17.41	17.13	-164.12	-25.07	-123.71	410.78	376.19	34.58	11.877		
4,000.00	3,971.77	4,009.22	3,985.89	17.85	17.56	-163.80	-22.24	-130.05	420.39	384.93	35.46	11.854		
4,100.00	4,070.86	4,109.71	4,085.15	18.29	18.00	-163.48	-19.42	-136.39	430.02	393.67	36.34	11.833		
4,200.00	4,169.95	4,189.80	4,184.42	18.74	18.35	-163.18	-16.60	-142.74	439.65	402.52	37.13	11.840		
4,300.00	4,269.03	4,289.30	4,283.69	19.18	18.78	-162.89	-13.77	-149.08	449.30	411.29	38.01	11.821		
4,400.00	4,368.12	4,388.81	4,382.95	19.63	19.21	-162.62	-10.95	-155.42	458.96	420.08	38.89	11.803		
4,500.00	4,467.21	4,488.32	4,482.22	20.07	19.64	-162.36	-8.13	-161.76	468.63	428.87	39.76	11.785		
4,600.00	4,566.29	4,587.83	4,581.49	20.52	20.07	-162.10	-5.30	-168.10	478.31	437.67	40.64	11.769		
4,700.00	4,665.38	4,687.34	4,680.75	20.96	20.51	-161.86	-2.48	-174.44	488.00	446.48	41.52	11.753		
4,800.00	4,764.47	4,786.85	4,780.02	21.41	20.94	-161.63	0.34	-180.78	497.70	455.30	42.40	11.738		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,863.55	4,886.36	4,879.28	21.85	21.37	-161.40	3.17	-187.12	507.41	464.12	43.28	11.723		
5,000.00	4,962.64	4,985.86	4,978.55	22.30	21.81	-161.19	5.99	-193.47	517.12	472.95	44.16	11.709		
5,100.00	5,061.73	5,085.37	5,077.82	22.74	22.24	-160.98	8.81	-199.81	526.84	481.79	45.04	11.696		
5,200.00	5,160.81	5,184.88	5,177.08	23.19	22.68	-160.78	11.64	-206.15	536.56	490.64	45.93	11.683		
5,300.00	5,259.90	5,284.39	5,276.35	23.64	23.11	-160.58	14.46	-212.49	546.30	499.49	46.81	11.671		
5,400.00	5,358.99	5,383.90	5,375.62	24.08	23.55	-160.40	17.28	-218.83	556.03	508.34	47.69	11.659		
5,500.00	5,458.07	5,483.41	5,474.88	24.53	23.98	-160.22	20.11	-225.17	565.78	517.20	48.57	11.648		
5,600.00	5,557.16	5,582.92	5,574.15	24.98	24.42	-160.04	22.93	-231.51	575.53	526.07	49.46	11.637		
5,700.00	5,656.25	5,682.42	5,673.41	25.42	24.85	-159.87	25.75	-237.85	585.28	534.94	50.34	11.626		
5,800.00	5,755.33	5,781.93	5,772.68	25.87	25.29	-159.71	28.58	-244.20	595.04	543.82	51.22	11.616		
5,900.00	5,854.42	5,881.44	5,871.95	26.32	25.72	-159.55	31.40	-250.54	604.80	552.70	52.11	11.607		
6,000.00	5,953.51	5,980.95	5,971.21	26.77	26.16	-159.40	34.22	-256.88	614.57	561.58	52.99	11.597		
6,100.00	6,052.59	6,080.46	6,070.48	27.21	26.60	-159.25	37.05	-263.22	624.35	570.47	53.88	11.588		
6,200.00	6,151.68	6,179.97	6,169.75	27.66	27.03	-159.11	39.87	-269.56	634.12	579.36	54.76	11.579		
6,300.00	6,250.76	6,279.48	6,269.01	28.11	27.47	-158.97	42.69	-275.90	643.90	588.25	55.65	11.571		
6,400.00	6,349.85	6,378.99	6,368.28	28.56	27.91	-158.84	45.52	-282.24	653.69	597.15	56.53	11.563		
6,500.00	6,448.94	6,478.49	6,467.54	29.01	28.34	-158.70	48.34	-288.58	663.47	606.05	57.42	11.555		
6,589.36	6,537.48	6,567.54	6,556.43	29.41	28.73	-158.71	50.86	-292.91	672.22	614.01	58.21	11.548		
6,600.00	6,548.03	6,578.13	6,567.02	29.45	28.78	-165.70	51.16	-292.81	673.26	614.96	58.30	11.548		
6,650.00	6,597.61	6,627.81	6,616.58	29.67	28.98	159.51	52.55	-289.98	678.18	619.45	58.73	11.548		
6,700.00	6,647.01	6,677.29	6,665.58	29.89	29.18	134.72	53.90	-283.32	683.12	623.98	59.14	11.551		
6,750.00	6,695.92	6,726.60	6,713.75	30.10	29.37	120.82	55.22	-272.93	688.05	628.50	59.54	11.555		
6,800.00	6,744.04	6,775.74	6,760.81	30.31	29.56	112.63	56.49	-258.89	692.93	633.00	59.94	11.561		
6,850.00	6,791.07	6,824.72	6,806.51	30.51	29.75	107.31	57.71	-241.32	697.75	637.43	60.32	11.568		
6,900.00	6,836.72	6,873.56	6,859.59	30.71	29.93	103.58	58.87	-220.37	702.46	641.77	60.69	11.574		
6,950.00	6,880.71	6,922.26	6,892.82	30.90	30.10	100.78	59.97	-196.16	707.03	645.98	61.05	11.581		
7,000.00	6,922.77	6,970.84	6,932.98	31.08	30.27	98.60	61.00	-168.87	711.45	650.04	61.40	11.587		
7,050.00	6,962.63	7,019.30	6,970.86	31.27	30.44	96.84	61.95	-138.67	715.67	653.92	61.74	11.591		
7,100.00	7,000.07	7,067.67	7,006.27	31.44	30.61	95.40	62.82	-105.74	719.67	657.59	62.08	11.593		
7,150.00	7,034.83	7,115.95	7,039.01	31.62	30.77	94.19	63.61	-70.30	723.43	661.03	62.41	11.592		
7,200.00	7,066.72	7,164.14	7,068.93	31.79	30.93	93.17	64.30	-32.53	726.93	664.20	62.73	11.588		
7,250.00	7,095.52	7,212.27	7,095.88	31.96	31.09	92.31	64.91	7.33	730.13	667.08	63.05	11.580		
7,300.00	7,121.07	7,260.34	7,119.71	32.13	31.25	91.58	65.42	49.06	733.03	669.66	63.37	11.567		
7,350.00	7,143.21	7,308.36	7,140.30	32.30	31.41	90.98	65.83	92.43	735.60	671.90	63.69	11.549		
7,400.00	7,161.80	7,356.34	7,157.56	32.47	31.58	90.49	66.15	137.18	737.82	673.80	64.01	11.526		
7,450.00	7,176.72	7,404.29	7,171.39	32.64	31.74	90.09	66.36	183.08	739.69	675.35	64.34	11.496		
7,500.00	7,187.89	7,452.21	7,181.73	32.82	31.91	89.80	66.47	229.86	741.18	676.51	64.67	11.461		
7,550.00	7,195.23	7,500.12	7,188.52	32.99	32.08	89.59	66.48	277.27	742.30	677.30	65.00	11.420		
7,600.00	7,198.70	7,548.01	7,191.72	33.17	32.24	89.48	66.38	325.05	743.04	677.71	65.33	11.374		
7,622.60	7,199.00	7,569.71	7,191.99	33.25	32.32	89.46	66.30	346.74	743.24	677.76	65.48	11.351		
7,700.00	7,198.64	7,647.11	7,191.76	33.54	32.61	89.47	66.00	424.14	743.80	677.74	66.06	11.260		
7,800.00	7,198.17	7,747.10	7,191.47	33.98	33.05	89.48	65.60	524.13	744.51	677.60	66.91	11.126		
7,900.00	7,197.71	7,847.10	7,191.17	34.47	33.55	89.50	65.21	624.13	745.23	677.34	67.90	10.976		
8,000.00	7,197.24	7,947.10	7,190.88	35.03	34.11	89.51	64.81	724.12	745.95	676.95	69.00	10.811		
8,100.00	7,196.78	8,047.09	7,190.58	35.64	34.72	89.52	64.42	824.12	746.67	676.45	70.21	10.634		
8,200.00	7,196.31	8,147.09	7,190.28	36.30	35.39	89.54	64.02	924.12	747.39	675.85	71.54	10.447		
8,300.00	7,195.85	8,247.09	7,189.99	37.01	36.11	89.55	63.63	1,024.11	748.11	675.14	72.97	10.252		
8,400.00	7,195.38	8,347.09	7,189.69	37.77	36.88	89.56	63.23	1,124.11	748.82	674.33	74.49	10.052		
8,500.00	7,194.92	8,447.08	7,189.39	38.57	37.70	89.58	62.83	1,224.10	749.54	673.43	76.11	9.848		
8,600.00	7,194.46	8,547.08	7,189.10	39.41	38.56	89.59	62.44	1,324.10	750.26	672.45	77.81	9.642		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,193.99	8,647.08	7,188.80	40.30	39.46	89.60	62.04	1,424.10	750.98	671.39	79.59	9.436		
8,800.00	7,193.53	8,747.08	7,188.50	41.22	40.39	89.62	61.65	1,524.09	751.70	670.25	81.45	9.229		
8,900.00	7,193.06	8,847.07	7,188.21	42.17	41.36	89.63	61.25	1,624.09	752.42	669.05	83.37	9.025		
9,000.00	7,192.60	8,947.07	7,187.91	43.16	42.37	89.64	60.86	1,724.09	753.14	667.78	85.36	8.823		
9,100.00	7,192.13	9,047.07	7,187.62	44.17	43.40	89.65	60.46	1,824.08	753.86	666.44	87.41	8.624		
9,200.00	7,191.67	9,147.06	7,187.32	45.22	44.46	89.67	60.07	1,924.08	754.57	665.06	89.52	8.429		
9,300.00	7,191.20	9,247.06	7,187.02	46.29	45.55	89.68	59.67	2,024.07	755.29	663.62	91.68	8.239		
9,400.00	7,190.74	9,347.06	7,186.73	47.38	46.66	89.69	59.28	2,124.07	756.01	662.13	93.89	8.052		
9,500.00	7,190.27	9,447.06	7,186.43	48.50	47.79	89.71	58.88	2,224.07	756.73	660.59	96.14	7.871		
9,600.00	7,189.81	9,547.05	7,186.13	49.64	48.95	89.72	58.48	2,324.06	757.45	659.01	98.44	7.695		
9,700.00	7,189.34	9,647.05	7,185.84	50.80	50.12	89.73	58.09	2,424.06	758.17	657.40	100.77	7.524		
9,800.00	7,188.88	9,747.05	7,185.54	51.98	51.31	89.75	57.69	2,524.05	758.89	655.75	103.14	7.358		
9,900.00	7,188.41	9,847.05	7,185.25	53.17	52.52	89.76	57.30	2,624.05	759.61	654.06	105.55	7.197		
10,000.00	7,187.95	9,947.04	7,184.95	54.38	53.75	89.77	56.90	2,724.05	760.33	652.34	107.99	7.041		
10,100.00	7,187.49	10,047.04	7,184.65	55.61	54.99	89.78	56.51	2,824.04	761.05	650.59	110.46	6.890		
10,200.00	7,187.02	10,147.04	7,184.36	56.85	56.24	89.80	56.11	2,924.04	761.76	648.81	112.95	6.744		
10,300.00	7,186.56	10,247.03	7,184.06	58.10	57.51	89.81	55.72	3,024.03	762.48	647.01	115.47	6.603		
10,400.00	7,186.09	10,347.03	7,183.76	59.37	58.79	89.82	55.32	3,124.03	763.20	645.18	118.02	6.467		
10,500.00	7,185.63	10,447.03	7,183.47	60.64	60.08	89.84	54.92	3,224.03	763.92	643.33	120.59	6.335		
10,600.00	7,185.16	10,547.03	7,183.17	61.93	61.38	89.85	54.53	3,324.02	764.64	641.46	123.18	6.207		
10,700.00	7,184.70	10,647.02	7,182.87	63.23	62.69	89.86	54.13	3,424.02	765.36	639.57	125.79	6.084		
10,800.00	7,184.23	10,747.02	7,182.58	64.54	64.01	89.87	53.74	3,524.01	766.08	637.66	128.42	5.965		
10,900.00	7,183.77	10,847.02	7,182.28	65.85	65.34	89.89	53.34	3,624.01	766.80	635.73	131.07	5.850		
11,000.00	7,183.30	10,947.02	7,181.99	67.18	66.67	89.90	52.95	3,724.01	767.52	633.78	133.74	5.739		
11,100.00	7,182.84	11,047.01	7,181.69	68.51	68.02	89.91	52.55	3,824.00	768.24	631.82	136.42	5.632		
11,200.00	7,182.37	11,147.01	7,181.39	69.85	69.37	89.92	52.16	3,924.00	768.96	629.85	139.11	5.528		
11,300.00	7,181.91	11,247.01	7,181.10	71.20	70.73	89.94	51.76	4,023.99	769.68	627.86	141.82	5.427		
11,400.00	7,181.45	11,347.00	7,180.80	72.56	72.09	89.95	51.37	4,123.99	770.40	625.86	144.54	5.330		
11,500.00	7,180.98	11,447.00	7,180.50	73.92	73.46	89.96	50.97	4,223.99	771.12	623.84	147.28	5.236		
11,600.00	7,180.52	11,547.00	7,180.21	75.29	74.84	89.98	50.57	4,323.98	771.84	621.81	150.02	5.145		
11,700.00	7,180.05	11,647.00	7,179.91	76.66	76.22	89.99	50.18	4,423.98	772.56	619.78	152.78	5.057		
11,800.00	7,179.59	11,746.99	7,179.62	78.04	77.61	90.00	49.78	4,523.97	773.28	617.73	155.55	4.971		
11,900.00	7,179.12	11,846.99	7,179.32	79.42	79.00	90.01	49.39	4,623.97	774.00	615.67	158.33	4.889		
12,000.00	7,178.66	11,946.99	7,179.02	80.81	80.39	90.03	48.99	4,723.97	774.72	613.60	161.12	4.808		
12,100.00	7,178.19	12,046.99	7,178.73	82.20	81.80	90.04	48.60	4,823.96	775.44	611.53	163.91	4.731		
12,200.00	7,177.73	12,146.98	7,178.43	83.60	83.20	90.05	48.20	4,923.96	776.16	609.44	166.72	4.656		
12,300.00	7,177.26	12,246.98	7,178.13	85.00	84.61	90.06	47.81	5,023.95	776.88	607.35	169.53	4.583		
12,400.00	7,176.80	12,346.98	7,177.84	86.41	86.02	90.07	47.41	5,123.95	777.60	605.25	172.35	4.512		
12,500.00	7,176.33	12,446.97	7,177.54	87.82	87.44	90.09	47.02	5,223.95	778.32	603.14	175.18	4.443		
12,600.00	7,175.87	12,546.97	7,177.24	89.23	88.86	90.10	46.62	5,323.94	779.04	601.02	178.02	4.376		
12,700.00	7,175.40	12,646.97	7,176.95	90.65	90.28	90.11	46.22	5,423.94	779.76	598.90	180.86	4.311		
12,800.00	7,174.94	12,746.97	7,176.65	92.07	91.71	90.12	45.83	5,523.94	780.48	596.77	183.71	4.249		
12,900.00	7,174.48	12,846.96	7,176.36	93.49	93.14	90.14	45.43	5,623.93	781.20	594.64	186.56	4.187		
13,000.00	7,174.01	12,946.96	7,176.06	94.91	94.57	90.15	45.04	5,723.93	781.92	592.50	189.42	4.128		
13,100.00	7,173.55	13,046.96	7,175.76	96.34	96.01	90.16	44.64	5,823.92	782.64	590.35	192.29	4.070		
13,200.00	7,173.08	13,146.96	7,175.47	97.77	97.44	90.17	44.25	5,923.92	783.36	588.20	195.16	4.014		
13,300.00	7,172.62	13,246.95	7,175.17	99.21	98.88	90.18	43.85	6,023.92	784.08	586.04	198.04	3.959		
13,400.00	7,172.15	13,346.95	7,174.87	100.64	100.33	90.20	43.46	6,123.91	784.80	583.88	200.92	3.906		
13,500.00	7,171.69	13,446.95	7,174.58	102.08	101.77	90.21	43.06	6,223.91	785.52	581.72	203.80	3.854		
13,600.00	7,171.22	13,546.94	7,174.28	103.52	103.22	90.22	42.66	6,323.90	786.24	579.55	206.69	3.804		
13,700.00	7,170.76	13,646.94	7,173.99	104.97	104.67	90.23	42.27	6,423.90	786.96	577.37	209.59	3.755		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	13,746.94	7,173.69	106.41	106.12	90.25	41.87	6,523.90	787.68	575.20	212.49	3.707		
13,900.00	7,169.83	13,846.94	7,173.39	107.86	107.57	90.26	41.48	6,623.89	788.40	573.01	215.39	3.660		
14,000.00	7,169.36	13,946.93	7,173.10	109.31	109.02	90.27	41.08	6,723.89	789.12	570.83	218.29	3.615		
14,100.00	7,168.90	14,046.93	7,172.80	110.76	110.48	90.28	40.69	6,823.88	789.84	568.64	221.20	3.571		
14,200.00	7,168.44	14,146.93	7,172.50	112.21	111.94	90.29	40.29	6,923.88	790.56	566.45	224.12	3.527		
14,300.00	7,167.97	14,246.93	7,172.21	113.67	113.40	90.30	39.90	7,023.88	791.29	564.25	227.03	3.485		
14,400.00	7,167.51	14,346.92	7,171.91	115.12	114.86	90.32	39.50	7,123.87	792.01	562.05	229.95	3.444		
14,500.00	7,167.04	14,446.92	7,171.61	116.58	116.32	90.33	39.11	7,223.87	792.73	559.85	232.88	3.404		
14,600.00	7,166.58	14,546.92	7,171.32	118.04	117.79	90.34	38.71	7,323.86	793.45	557.64	235.80	3.365		
14,700.00	7,166.11	14,646.91	7,171.02	119.50	119.25	90.35	38.31	7,423.86	794.17	555.44	238.73	3.327		
14,800.00	7,165.65	14,746.91	7,170.73	120.97	120.72	90.36	37.92	7,523.86	794.89	553.23	241.66	3.289		
14,900.00	7,165.18	14,846.91	7,170.43	122.43	122.19	90.38	37.52	7,623.85	795.61	551.01	244.60	3.253		
15,000.00	7,164.72	14,946.91	7,170.13	123.90	123.66	90.39	37.13	7,723.85	796.33	548.80	247.53	3.217		
15,100.00	7,164.25	15,046.90	7,169.84	125.36	125.13	90.40	36.73	7,823.84	797.05	546.58	250.47	3.182		
15,200.00	7,163.79	15,146.90	7,169.54	126.83	126.60	90.41	36.34	7,923.84	797.77	544.36	253.42	3.148		
15,300.00	7,163.32	15,246.90	7,169.24	128.30	128.07	90.42	35.94	8,023.84	798.49	542.14	256.36	3.115		
15,400.00	7,162.86	15,346.90	7,168.95	129.77	129.54	90.43	35.55	8,123.83	799.22	539.91	259.31	3.082		
15,500.00	7,162.39	15,446.89	7,168.65	131.24	131.02	90.45	35.15	8,223.83	799.94	537.68	262.25	3.050		
15,600.00	7,161.93	15,546.89	7,168.35	132.71	132.50	90.46	34.75	8,323.82	800.66	535.45	265.20	3.019		
15,700.00	7,161.47	15,646.89	7,168.06	134.19	133.97	90.47	34.36	8,423.82	801.38	533.22	268.16	2.988		
15,800.00	7,161.00	15,746.88	7,167.76	135.66	135.45	90.48	33.96	8,523.82	802.10	530.99	271.11	2.959		
15,900.00	7,160.54	15,846.88	7,167.47	137.14	136.93	90.49	33.57	8,623.81	802.82	528.75	274.07	2.929		
16,000.00	7,160.07	15,946.88	7,167.17	138.61	138.41	90.50	33.17	8,723.81	803.54	526.52	277.03	2.901		
16,100.00	7,159.61	16,046.88	7,166.87	140.09	139.89	90.52	32.78	8,823.80	804.26	524.28	279.99	2.873		
16,200.00	7,159.14	16,146.87	7,166.58	141.57	141.37	90.53	32.38	8,923.80	804.99	522.04	282.95	2.845		
16,300.00	7,158.68	16,246.87	7,166.28	143.05	142.85	90.54	31.99	9,023.80	805.71	519.80	285.91	2.818		
16,400.00	7,158.21	16,346.87	7,165.98	144.53	144.34	90.55	31.59	9,123.79	806.43	517.55	288.88	2.792		
16,500.00	7,157.75	16,446.87	7,165.69	146.01	145.82	90.56	31.20	9,223.79	807.15	515.31	291.84	2.766		
16,600.00	7,157.28	16,546.86	7,165.39	147.49	147.31	90.57	30.80	9,323.78	807.87	513.06	294.81	2.740		
16,700.00	7,156.82	16,646.86	7,165.10	148.97	148.79	90.58	30.40	9,423.78	808.59	510.81	297.78	2.715		
16,800.00	7,156.35	16,746.86	7,164.80	150.45	150.28	90.60	30.01	9,523.78	809.31	508.56	300.75	2.691		
16,900.00	7,155.89	16,846.85	7,164.50	151.94	151.76	90.61	29.61	9,623.77	810.04	506.31	303.72	2.667		
17,000.00	7,155.43	16,946.85	7,164.21	153.42	153.25	90.62	29.22	9,723.77	810.76	504.06	306.70	2.644		
17,100.00	7,154.96	17,046.85	7,163.91	154.90	154.74	90.63	28.82	9,823.77	811.48	501.81	309.67	2.620		
17,200.00	7,154.50	17,146.85	7,163.61	156.39	156.23	90.64	28.43	9,923.76	812.20	499.55	312.65	2.598		
17,300.00	7,154.03	17,246.84	7,163.32	157.88	157.72	90.65	28.03	10,023.76	812.92	497.30	315.62	2.576		
17,400.00	7,153.57	17,346.84	7,163.02	159.36	159.21	90.66	27.64	10,123.75	813.64	495.04	318.60	2.554		
17,500.00	7,153.10	17,446.84	7,162.72	160.85	160.70	90.68	27.24	10,223.75	814.37	492.78	321.58	2.532		
17,600.00	7,152.64	17,546.84	7,162.43	162.34	162.19	90.69	26.85	10,323.75	815.09	490.52	324.56	2.511		
17,700.00	7,152.17	17,646.83	7,162.13	163.83	163.68	90.70	26.45	10,423.74	815.81	488.26	327.54	2.491		
17,737.15	7,152.00	17,683.98	7,162.02	164.38	164.23	90.70	26.30	10,460.89	816.08	487.43	328.65	2.483 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-60.11	0.00	60.11						
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-60.11	0.00	60.11	53.55	6.57	9.152			
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-60.11	0.00	60.11	53.44	6.67	9.013			
300.00	300.00	300.00	300.00	3.44	3.44	180.00	-60.11	0.00	60.11	53.23	6.88	8.734			
400.00	400.00	400.00	400.00	3.60	3.60	180.00	-60.11	0.00	60.11	52.92	7.20	8.352 CC, ES			
500.00	499.99	499.99	499.99	3.80	3.80	-120.71	-60.11	0.00	60.56	52.96	7.60	7.969			
600.00	599.96	599.72	599.72	4.03	4.03	-121.99	-60.34	-0.84	62.12	54.06	8.07	7.702			
700.00	699.86	699.43	699.39	4.30	4.29	-122.99	-61.01	-3.35	65.03	56.44	8.59	7.570			
790.00	789.74	789.16	789.03	4.57	4.54	-123.15	-62.00	-7.05	68.39	59.28	9.11	7.506			
800.00	799.73	800.88	798.99	4.60	4.58	-126.23	-62.13	-7.54	68.80	59.63	9.18	7.497			
900.00	899.50	899.17	898.90	4.92	4.88	-146.72	-63.48	-12.60	74.82	65.02	9.80	7.635			
1,000.00	999.05	1,001.70	1,001.29	5.26	5.22	-156.40	-62.70	-17.83	82.24	71.76	10.48	7.848			
1,077.14	1,075.61	1,080.99	1,080.41	5.53	5.50	-160.67	-59.59	-21.92	87.90	76.87	11.03	7.971			
1,100.00	1,098.26	1,104.52	1,103.87	5.61	5.58	-160.58	-58.24	-23.15	89.48	78.28	11.19	7.994			
1,200.00	1,197.35	1,204.61	1,203.61	5.98	5.95	-160.25	-51.82	-28.36	95.67	83.75	11.92	8.027			
1,300.00	1,296.44	1,304.41	1,303.07	6.35	6.32	-159.96	-45.39	-33.56	101.85	89.19	12.66	8.042			
1,400.00	1,395.52	1,404.22	1,402.54	6.73	6.69	-159.70	-38.97	-38.76	108.04	94.61	13.43	8.045			
1,500.00	1,494.61	1,504.03	1,502.00	7.12	7.08	-159.47	-32.55	-43.96	114.23	100.02	14.21	8.038			
1,600.00	1,593.70	1,603.83	1,601.47	7.52	7.47	-159.26	-26.12	-49.17	120.42	105.41	15.00	8.025			
1,700.00	1,692.78	1,703.64	1,700.93	7.93	7.87	-159.07	-19.70	-54.37	126.61	110.80	15.81	8.008			
1,800.00	1,791.87	1,803.45	1,800.40	8.33	8.27	-158.90	-13.28	-59.57	132.80	116.17	16.62	7.988			
1,900.00	1,890.95	1,903.26	1,899.86	8.75	8.68	-158.75	-6.85	-64.77	138.99	121.54	17.45	7.967			
2,000.00	1,990.04	2,003.06	1,999.32	9.16	9.09	-158.60	-0.43	-69.97	145.18	126.91	18.28	7.944			
2,100.00	2,089.13	2,102.87	2,098.79	9.58	9.50	-158.47	5.99	-75.17	151.38	132.27	19.11	7.921			
2,200.00	2,188.21	2,202.68	2,198.25	10.01	9.92	-158.35	12.41	-80.37	157.57	137.62	19.95	7.897			
2,300.00	2,287.30	2,302.49	2,297.72	10.43	10.34	-158.24	18.84	-85.57	163.77	142.97	20.80	7.874			
2,400.00	2,386.39	2,402.29	2,397.18	10.86	10.76	-158.14	25.26	-90.78	169.97	148.32	21.65	7.851			
2,500.00	2,485.47	2,502.10	2,496.65	11.29	11.18	-158.05	31.68	-95.98	176.16	153.66	22.50	7.828			
2,600.00	2,584.56	2,601.91	2,596.11	11.72	11.60	-157.96	38.11	-101.18	182.36	159.00	23.36	7.806			
2,700.00	2,683.65	2,701.72	2,695.58	12.15	12.03	-157.87	44.53	-106.38	188.56	164.34	24.22	7.785			
2,800.00	2,782.73	2,801.52	2,795.04	12.58	12.45	-157.80	50.95	-111.58	194.76	169.67	25.08	7.765			
2,900.00	2,881.82	2,901.33	2,894.51	13.02	12.88	-157.72	57.38	-116.78	200.95	175.01	25.95	7.745			
3,000.00	2,980.91	3,001.14	2,993.97	13.45	13.31	-157.65	63.80	-121.98	207.15	180.34	26.82	7.725			
3,100.00	3,079.99	3,100.95	3,093.44	13.89	13.74	-157.59	70.22	-127.18	213.35	185.67	27.68	7.707			
3,200.00	3,179.08	3,200.75	3,192.90	14.33	14.17	-157.53	76.64	-132.39	219.55	191.00	28.56	7.689			
3,300.00	3,278.17	3,300.56	3,292.36	14.76	14.60	-157.47	83.07	-137.59	225.75	196.32	29.43	7.671			
3,400.00	3,377.25	3,400.37	3,391.83	15.20	15.03	-157.42	89.49	-142.79	231.95	201.65	30.30	7.655			
3,500.00	3,476.34	3,500.18	3,491.29	15.64	15.46	-157.36	95.91	-147.99	238.15	206.97	31.18	7.639			
3,600.00	3,575.43	3,600.02	3,590.76	16.08	15.90	-157.31	102.34	-153.19	244.35	212.30	32.05	7.623			
3,700.00	3,674.51	3,700.21	3,690.22	16.53	16.33	-157.27	108.76	-158.39	250.55	217.62	32.93	7.608			
3,800.00	3,773.60	3,800.40	3,789.69	16.97	16.77	-157.22	115.18	-163.59	256.75	222.94	33.81	7.593			
3,900.00	3,872.69	3,900.60	3,889.15	17.41	17.20	-157.18	121.61	-168.79	262.95	228.26	34.69	7.579			
4,000.00	3,971.77	4,000.79	3,988.62	17.85	17.64	-157.14	128.03	-174.00	269.15	233.58	35.58	7.565			
4,100.00	4,070.86	4,100.98	4,088.08	18.29	18.08	-157.10	134.45	-179.20	275.35	238.89	36.46	7.552			
4,200.00	4,169.95	4,201.17	4,187.55	18.74	18.51	-157.07	140.87	-184.40	281.55	244.21	37.34	7.539			
4,300.00	4,269.03	4,301.37	4,287.01	19.18	18.95	-157.03	147.30	-189.60	287.76	249.53	38.23	7.527			
4,400.00	4,368.12	4,401.56	4,386.48	19.63	19.39	-157.00	153.72	-194.80	293.96	254.84	39.11	7.515			
4,500.00	4,467.21	4,501.75	4,485.94	20.07	19.83	-156.96	160.14	-200.00	300.16	260.16	40.00	7.504			
4,600.00	4,566.29	4,601.94	4,585.40	20.52	20.27	-156.93	166.57	-205.20	306.36	265.47	40.89	7.493			
4,700.00	4,665.38	4,702.14	4,684.87	20.96	20.71	-156.90	172.99	-210.40	312.56	270.79	41.77	7.482			
4,800.00	4,764.47	4,802.33	4,784.33	21.41	21.15	-156.87	179.41	-215.61	318.76	276.10	42.66	7.472			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 8N-23A-L - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,902.52	4,883.80	21.85	21.59	-156.85	185.84	-220.81	324.96	281.42	43.55	7.462					
5,000.00	4,962.64	5,002.71	4,983.26	22.30	22.02	-156.82	192.26	-226.01	331.17	286.73	44.44	7.452					
5,100.00	5,061.73	5,097.09	5,082.73	22.74	22.44	-156.80	198.68	-231.21	337.37	292.07	45.30	7.447					
5,200.00	5,160.81	5,203.10	5,182.19	23.19	22.90	-156.77	205.10	-236.41	343.57	297.35	46.22	7.434					
5,300.00	5,259.90	5,303.29	5,281.66	23.64	23.35	-156.75	211.53	-241.61	349.77	302.67	47.11	7.425					
5,400.00	5,358.99	5,403.48	5,381.12	24.08	23.79	-156.72	217.95	-246.81	355.97	307.98	48.00	7.417					
5,500.00	5,458.07	5,503.68	5,480.59	24.53	24.23	-156.70	224.37	-252.01	362.18	313.29	48.89	7.409					
5,600.00	5,557.16	5,603.87	5,580.05	24.98	24.67	-156.68	230.80	-257.22	368.38	318.60	49.78	7.401					
5,700.00	5,656.25	5,704.06	5,679.51	25.42	25.11	-156.66	237.22	-262.42	374.58	323.91	50.67	7.393					
5,800.00	5,755.33	5,804.25	5,778.98	25.87	25.55	-156.64	243.64	-267.62	380.78	329.22	51.56	7.385					
5,900.00	5,854.42	5,904.45	5,878.44	26.32	25.99	-156.62	250.07	-272.82	386.98	334.53	52.45	7.378					
6,000.00	5,953.51	6,004.64	5,977.91	26.77	26.43	-156.60	256.49	-278.02	393.19	339.84	53.34	7.371					
6,100.00	6,052.59	6,104.83	6,077.37	27.21	26.87	-156.58	262.91	-283.22	399.39	345.15	54.24	7.364					
6,200.00	6,151.68	6,194.97	6,176.84	27.66	27.27	-156.57	269.33	-288.42	405.59	350.51	55.08	7.363					
6,300.00	6,250.76	6,296.09	6,277.66	28.11	27.71	-156.92	275.83	-291.01	411.70	355.72	55.98	7.355					
6,400.00	6,349.85	6,395.41	6,376.00	28.56	28.12	-159.21	282.07	-279.35	417.69	360.85	56.84	7.348					
6,500.00	6,448.94	6,487.62	6,464.66	29.01	28.48	-163.08	287.60	-254.94	425.26	367.65	57.61	7.381					
6,589.36	6,537.48	6,561.81	6,532.86	29.41	28.76	-167.30	291.79	-226.15	435.57	377.47	58.10	7.497					
6,600.00	6,548.03	6,570.13	6,540.29	29.45	28.79	-174.81	292.25	-222.43	437.11	378.98	58.13	7.519					
6,650.00	6,597.61	6,608.64	6,574.01	29.67	28.93	148.04	294.29	-203.95	444.99	386.75	58.23	7.641					
6,700.00	6,647.01	6,646.33	6,605.88	29.89	29.07	121.01	296.21	-183.92	453.78	395.55	58.22	7.794					
6,750.00	6,695.92	6,683.31	6,635.94	30.10	29.20	104.99	297.99	-162.48	463.27	405.17	58.10	7.974					
6,800.00	6,744.04	6,719.64	6,664.22	30.31	29.33	94.82	299.66	-139.73	473.26	415.40	57.86	8.179					
6,850.00	6,791.07	6,755.42	6,690.76	30.51	29.45	87.68	301.21	-115.79	483.55	426.02	57.53	8.405					
6,900.00	6,836.72	6,790.71	6,715.57	30.71	29.57	82.26	302.64	-90.76	493.97	436.86	57.11	8.650					
6,950.00	6,880.71	6,825.56	6,738.69	30.90	29.69	77.93	303.95	-64.71	504.35	447.74	56.61	8.909					
7,000.00	6,922.77	6,860.03	6,760.12	31.08	29.81	74.36	305.15	-37.75	514.55	458.49	56.06	9.179					
7,050.00	6,962.63	6,894.16	6,779.88	31.27	29.92	71.36	306.24	-9.94	524.43	468.96	55.47	9.454					
7,100.00	7,000.07	6,928.00	6,797.97	31.44	30.04	68.80	307.21	18.64	533.87	479.01	54.86	9.731					
7,150.00	7,034.83	6,961.59	6,814.41	31.62	30.16	66.62	308.07	47.91	542.79	488.53	54.25	10.005					
7,200.00	7,066.72	6,994.95	6,829.18	31.79	30.27	64.75	308.83	77.80	551.07	497.41	53.66	10.269					
7,250.00	7,095.52	7,028.11	6,842.30	31.96	30.39	63.16	309.47	108.25	558.65	505.54	53.11	10.518					
7,300.00	7,121.07	7,061.12	6,853.77	32.13	30.50	61.81	310.00	139.19	565.45	512.84	52.62	10.747					
7,350.00	7,143.21	7,093.98	6,863.59	32.30	30.62	60.70	310.43	170.55	571.43	519.24	52.19	10.949					
7,400.00	7,161.80	7,126.73	6,871.75	32.47	30.73	59.79	310.74	202.26	576.52	524.67	51.85	11.118					
7,450.00	7,176.72	7,159.39	6,878.26	32.64	30.85	59.08	310.95	234.26	580.70	529.09	51.61	11.251					
7,500.00	7,187.89	7,191.99	6,883.11	32.82	30.97	58.56	311.05	266.49	583.93	532.44	51.48	11.342					
7,550.00	7,195.23	7,224.53	6,886.31	32.99	31.08	58.22	311.04	298.87	586.18	534.72	51.47	11.389					
7,600.00	7,198.70	7,257.05	6,887.85	33.17	31.20	58.06	310.93	331.35	587.46	535.88	51.58	11.390					
7,622.60	7,199.00	7,274.81	6,888.01	33.25	31.27	58.05	310.84	345.40	587.70	536.03	51.67	11.374					
7,700.00	7,198.64	7,348.50	6,887.78	33.54	31.56	58.10	310.32	422.79	588.29	536.12	52.17	11.277					
7,800.00	7,198.17	7,448.49	6,887.48	33.98	32.01	58.16	309.64	522.79	589.05	536.12	52.94	11.127					
7,900.00	7,197.71	7,548.49	6,887.19	34.47	32.52	58.23	308.96	622.78	589.82	535.98	53.84	10.955					
8,000.00	7,197.24	7,648.48	6,886.89	35.03	33.10	58.29	308.29	722.77	590.58	535.71	54.87	10.764					
8,100.00	7,196.78	7,748.48	6,886.59	35.64	33.73	58.36	307.61	822.76	591.34	535.33	56.01	10.558					
8,200.00	7,196.31	7,848.47	6,886.30	36.30	34.42	58.42	306.93	922.76	592.11	534.84	57.27	10.339					
8,300.00	7,195.85	7,948.47	6,886.00	37.01	35.16	58.49	306.26	1,022.75	592.87	534.24	58.63	10.111					
8,400.00	7,195.38	8,048.46	6,885.71	37.77	35.95	58.55	305.58	1,122.74	593.64	533.54	60.10	9.878					
8,500.00	7,194.92	8,148.46	6,885.41	38.57	36.78	58.62	304.90	1,222.73	594.41	532.76	61.65	9.641					
8,600.00	7,194.46	8,248.45	6,885.11	39.41	37.66	58.68	304.23	1,322.72	595.18	531.88	63.29	9.404					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,700.00	7,193.99	8,348.44	6,884.82	40.30	38.58	58.74	303.55	1,422.72	595.94	530.93	65.01	9.167		
8,800.00	7,193.53	8,448.44	6,884.52	41.22	39.53	58.81	302.87	1,522.71	596.71	529.91	66.80	8.933		
8,900.00	7,193.06	8,548.43	6,884.22	42.17	40.52	58.87	302.19	1,622.70	597.48	528.82	68.66	8.702		
9,000.00	7,192.60	8,648.43	6,883.93	43.16	41.54	58.94	301.52	1,722.69	598.25	527.67	70.58	8.476		
9,100.00	7,192.13	8,748.42	6,883.63	44.17	42.59	59.00	300.84	1,822.68	599.03	526.46	72.56	8.255		
9,200.00	7,191.67	8,848.42	6,883.33	45.22	43.67	59.06	300.16	1,922.68	599.80	525.20	74.60	8.040		
9,300.00	7,191.20	8,948.41	6,883.04	46.29	44.78	59.12	299.49	2,022.67	600.57	523.89	76.68	7.832		
9,400.00	7,190.74	9,048.41	6,882.74	47.38	45.90	59.19	298.81	2,122.66	601.34	522.53	78.81	7.630		
9,500.00	7,190.27	9,148.40	6,882.44	48.50	47.05	59.25	298.13	2,222.65	602.12	521.14	80.98	7.435		
9,600.00	7,189.81	9,248.40	6,882.15	49.64	48.22	59.31	297.45	2,322.65	602.89	519.70	83.19	7.247		
9,700.00	7,189.34	9,348.39	6,881.85	50.80	49.41	59.37	296.78	2,422.64	603.67	518.23	85.44	7.066		
9,800.00	7,188.88	9,448.39	6,881.55	51.98	50.62	59.44	296.10	2,522.63	604.45	516.73	87.72	6.891		
9,900.00	7,188.41	9,548.38	6,881.26	53.17	51.85	59.50	295.42	2,622.62	605.22	515.20	90.03	6.723		
10,000.00	7,187.95	9,648.38	6,880.96	54.38	53.08	59.56	294.75	2,722.61	606.00	513.63	92.37	6.561		
10,100.00	7,187.49	9,748.37	6,880.67	55.61	54.34	59.62	294.07	2,822.61	606.78	512.04	94.74	6.405		
10,200.00	7,187.02	9,848.37	6,880.37	56.85	55.60	59.68	293.39	2,922.60	607.56	510.43	97.13	6.255		
10,300.00	7,186.56	9,948.36	6,880.07	58.10	56.88	59.74	292.71	3,022.59	608.34	508.79	99.54	6.111		
10,400.00	7,186.09	10,048.36	6,879.78	59.37	58.17	59.81	292.04	3,122.58	609.12	507.14	101.98	5.973		
10,500.00	7,185.63	10,148.35	6,879.48	60.64	59.48	59.87	291.36	3,222.57	609.90	505.46	104.44	5.840		
10,600.00	7,185.16	10,248.35	6,879.18	61.93	60.79	59.93	290.68	3,322.57	610.68	503.76	106.92	5.712		
10,700.00	7,184.70	10,348.34	6,878.89	63.23	62.11	59.99	290.01	3,422.56	611.47	502.05	109.42	5.588		
10,800.00	7,184.23	10,448.34	6,878.59	64.54	63.44	60.05	289.33	3,522.55	612.25	500.32	111.93	5.470		
10,900.00	7,183.77	10,548.33	6,878.29	65.85	64.78	60.11	288.65	3,622.54	613.03	498.58	114.46	5.356		
11,000.00	7,183.30	10,648.33	6,878.00	67.18	66.12	60.17	287.97	3,722.53	613.82	496.82	117.00	5.246		
11,100.00	7,182.84	10,748.32	6,877.70	68.51	67.48	60.23	287.30	3,822.53	614.60	495.04	119.56	5.140		
11,200.00	7,182.37	10,848.32	6,877.40	69.85	68.84	60.29	286.62	3,922.52	615.39	493.26	122.13	5.039		
11,300.00	7,181.91	10,948.31	6,877.11	71.20	70.21	60.35	285.94	4,022.51	616.18	491.46	124.72	4.941		
11,400.00	7,181.45	11,048.31	6,876.81	72.56	71.58	60.41	285.27	4,122.50	616.96	489.65	127.32	4.846		
11,500.00	7,180.98	11,148.30	6,876.51	73.92	72.96	60.47	284.59	4,222.50	617.75	487.83	129.92	4.755		
11,600.00	7,180.52	11,248.30	6,876.22	75.29	74.34	60.53	283.91	4,322.49	618.54	486.00	132.54	4.667		
11,700.00	7,180.05	11,348.29	6,875.92	76.66	75.73	60.59	283.23	4,422.48	619.33	484.16	135.17	4.582		
11,800.00	7,179.59	11,448.29	6,875.63	78.04	77.13	60.64	282.56	4,522.47	620.12	482.31	137.81	4.500		
11,900.00	7,179.12	11,548.28	6,875.33	79.42	78.53	60.70	281.88	4,622.46	620.91	480.45	140.46	4.421		
12,000.00	7,178.66	11,648.27	6,875.03	80.81	79.93	60.76	281.20	4,722.46	621.70	478.59	143.12	4.344		
12,100.00	7,178.19	11,748.27	6,874.74	82.20	81.34	60.82	280.53	4,822.45	622.50	476.71	145.78	4.270		
12,200.00	7,177.73	11,848.26	6,874.44	83.60	82.75	60.88	279.85	4,922.44	623.29	474.83	148.46	4.198		
12,300.00	7,177.26	11,948.26	6,874.14	85.00	84.17	60.94	279.17	5,022.43	624.08	472.94	151.14	4.129		
12,400.00	7,176.80	12,048.25	6,873.85	86.41	85.59	61.00	278.50	5,122.42	624.88	471.04	153.83	4.062		
12,500.00	7,176.33	12,148.25	6,873.55	87.82	87.01	61.05	277.82	5,222.42	625.67	469.14	156.53	3.997		
12,600.00	7,175.87	12,248.24	6,873.25	89.23	88.44	61.11	277.14	5,322.41	626.47	467.23	159.23	3.934		
12,700.00	7,175.40	12,348.24	6,872.96	90.65	89.87	61.17	276.46	5,422.40	627.26	465.32	161.94	3.873		
12,800.00	7,174.94	12,448.23	6,872.66	92.07	91.30	61.23	275.79	5,522.39	628.06	463.40	164.66	3.814		
12,900.00	7,174.48	12,548.23	6,872.36	93.49	92.73	61.28	275.11	5,622.38	628.86	461.47	167.38	3.757		
13,000.00	7,174.01	12,648.22	6,872.07	94.91	94.17	61.34	274.43	5,722.38	629.65	459.54	170.11	3.701		
13,100.00	7,173.55	12,748.22	6,871.77	96.34	95.61	61.40	273.76	5,822.37	630.45	457.61	172.84	3.648		
13,200.00	7,173.08	12,848.21	6,871.48	97.77	97.05	61.45	273.08	5,922.36	631.25	455.67	175.58	3.595		
13,300.00	7,172.62	12,948.21	6,871.18	99.21	98.50	61.51	272.40	6,022.35	632.05	453.72	178.33	3.544		
13,400.00	7,172.15	13,048.20	6,870.88	100.64	99.95	61.57	271.72	6,122.35	632.85	451.77	181.08	3.495		
13,500.00	7,171.69	13,148.20	6,870.59	102.08	101.40	61.62	271.05	6,222.34	633.65	449.82	183.83	3.447		
13,600.00	7,171.22	13,248.19	6,870.29	103.52	102.85	61.68	270.37	6,322.33	634.45	447.86	186.59	3.400		
13,700.00	7,170.76	13,348.19	6,869.99	104.97	104.30	61.74	269.69	6,422.32	635.26	445.90	189.36	3.355		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
LEFFLER 8-21 PAD - LEFFLER 8N-23A-L - OH - PLAN #1													Offset Well Error:	3.28 ft
Survey Program: 0-MWD+IFR1+MS														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	13,448.18	6,869.70	106.41	105.76	61.79	269.02	6,522.31	636.06	443.93	192.13	3.311		
13,900.00	7,169.83	13,548.18	6,869.40	107.86	107.21	61.85	268.34	6,622.31	636.86	441.96	194.90	3.268		
14,000.00	7,169.36	13,648.17	6,869.10	109.31	108.67	61.91	267.66	6,722.30	637.67	439.99	197.68	3.226		
14,100.00	7,168.90	13,748.17	6,868.81	110.76	110.13	61.96	266.98	6,822.29	638.47	438.01	200.46	3.185		
14,200.00	7,168.44	13,848.16	6,868.51	112.21	111.59	62.02	266.31	6,922.28	639.28	436.03	203.24	3.145		
14,300.00	7,167.97	13,948.16	6,868.21	113.67	113.06	62.07	265.63	7,022.27	640.08	434.05	206.03	3.107		
14,400.00	7,167.51	14,048.15	6,867.92	115.12	114.52	62.13	264.95	7,122.27	640.89	432.06	208.83	3.069		
14,500.00	7,167.04	14,148.15	6,867.62	116.58	115.99	62.18	264.28	7,222.26	641.70	430.07	211.62	3.032		
14,600.00	7,166.58	14,248.14	6,867.32	118.04	117.46	62.24	263.60	7,322.25	642.50	428.08	214.42	2.996		
14,700.00	7,166.11	14,348.14	6,867.03	119.50	118.93	62.29	262.92	7,422.24	643.31	426.08	217.23	2.961		
14,800.00	7,165.65	14,448.13	6,866.73	120.97	120.40	62.35	262.24	7,522.24	644.12	424.08	220.03	2.927		
14,900.00	7,165.18	14,548.13	6,866.44	122.43	121.87	62.40	261.57	7,622.23	644.93	422.08	222.85	2.894		
15,000.00	7,164.72	14,648.12	6,866.14	123.90	123.34	62.46	260.89	7,722.22	645.74	420.08	225.66	2.862		
15,100.00	7,164.25	14,748.12	6,865.84	125.36	124.82	62.51	260.21	7,822.21	646.55	418.07	228.48	2.830		
15,200.00	7,163.79	14,848.11	6,865.55	126.83	126.29	62.56	259.54	7,922.20	647.36	416.07	231.30	2.799		
15,300.00	7,163.32	14,948.10	6,865.25	128.30	127.77	62.62	258.86	8,022.20	648.17	414.05	234.12	2.769		
15,400.00	7,162.86	15,048.10	6,864.95	129.77	129.24	62.67	258.18	8,122.19	648.98	412.04	236.94	2.739		
15,500.00	7,162.39	15,148.09	6,864.66	131.24	130.72	62.73	257.50	8,222.18	649.80	410.02	239.77	2.710		
15,600.00	7,161.93	15,248.09	6,864.36	132.71	132.20	62.78	256.83	8,322.17	650.61	408.01	242.60	2.682		
15,700.00	7,161.47	15,348.08	6,864.06	134.19	133.68	62.83	256.15	8,422.16	651.42	405.99	245.44	2.654		
15,800.00	7,161.00	15,448.08	6,863.77	135.66	135.16	62.89	255.47	8,522.16	652.24	403.96	248.27	2.627		
15,900.00	7,160.54	15,548.07	6,863.47	137.14	136.64	62.94	254.80	8,622.15	653.05	401.94	251.11	2.601		
16,000.00	7,160.07	15,648.07	6,863.17	138.61	138.13	62.99	254.12	8,722.14	653.87	399.91	253.96	2.575		
16,100.00	7,159.61	15,748.06	6,862.88	140.09	139.61	63.04	253.44	8,822.13	654.69	397.89	256.80	2.549		
16,200.00	7,159.14	15,848.06	6,862.58	141.57	141.09	63.10	252.77	8,922.12	655.50	395.86	259.65	2.525		
16,300.00	7,158.68	15,948.05	6,862.29	143.05	142.58	63.15	252.09	9,022.12	656.32	393.82	262.50	2.500		
16,400.00	7,158.21	16,048.05	6,861.99	144.53	144.06	63.20	251.41	9,122.11	657.14	391.79	265.35	2.477		
16,500.00	7,157.75	16,148.04	6,861.69	146.01	145.55	63.25	250.73	9,222.10	657.96	389.75	268.20	2.453		
16,600.00	7,157.28	16,248.04	6,861.40	147.49	147.04	63.31	250.06	9,322.09	658.78	387.72	271.06	2.430		
16,700.00	7,156.82	16,348.03	6,861.10	148.97	148.53	63.36	249.38	9,422.09	659.60	385.68	273.92	2.408		
16,800.00	7,156.35	16,448.03	6,860.80	150.45	150.01	63.41	248.70	9,522.08	660.42	383.64	276.78	2.386		
16,900.00	7,155.89	16,548.02	6,860.51	151.94	151.50	63.46	248.03	9,622.07	661.24	381.59	279.64	2.365		
17,000.00	7,155.43	16,648.02	6,860.21	153.42	152.99	63.51	247.35	9,722.06	662.06	379.55	282.51	2.344		
17,100.00	7,154.96	16,748.01	6,859.91	154.90	154.48	63.57	246.67	9,822.05	662.88	377.50	285.37	2.323		
17,200.00	7,154.50	16,848.01	6,859.62	156.39	155.97	63.62	245.99	9,922.05	663.70	375.46	288.24	2.303		
17,300.00	7,154.03	16,948.00	6,859.32	157.88	157.47	63.67	245.32	10,022.04	664.52	373.41	291.12	2.283		
17,400.00	7,153.57	17,048.00	6,859.02	159.36	158.96	63.72	244.64	10,122.03	665.35	371.36	293.99	2.263		
17,500.00	7,153.10	17,147.99	6,858.73	160.85	160.45	63.77	243.96	10,222.02	666.17	369.31	296.86	2.244		
17,600.00	7,152.64	17,247.99	6,858.43	162.34	161.94	63.82	243.29	10,322.01	666.99	367.25	299.74	2.225		
17,700.00	7,152.17	17,347.98	6,858.13	163.83	163.44	63.87	242.61	10,422.01	667.82	365.20	302.62	2.207		
17,737.15	7,152.00	17,385.13	6,858.02	164.38	163.99	63.89	242.36	10,459.15	668.13	364.44	303.69	2.200 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 8N-23B-L - OH - Plan #2		Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-100.18	0.00	100.18							
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-100.18	0.00	100.18	93.62	6.57	15.253				
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-100.18	0.00	100.18	93.51	6.67	15.020				
300.00	300.00	300.00	300.00	3.44	3.44	180.00	-100.18	0.00	100.18	93.30	6.88	14.555				
400.00	400.00	400.00	400.00	3.60	3.60	180.00	-100.18	0.00	100.18	92.99	7.20	13.919	CC, ES			
500.00	499.99	500.01	499.99	3.80	3.80	-120.43	-100.18	0.00	100.62	93.02	7.60	13.242				
600.00	599.96	600.04	599.96	4.03	4.04	-121.68	-100.18	0.00	101.97	93.90	8.07	12.630				
700.00	699.86	700.14	699.86	4.30	4.31	-123.70	-100.18	0.00	104.33	95.72	8.61	12.113				
790.00	789.74	789.74	789.74	4.57	4.58	-125.80	-100.18	0.00	107.02	97.88	9.14	11.705				
800.00	799.73	800.27	799.73	4.60	4.61	-129.16	-100.18	0.00	107.34	98.14	9.21	11.661				
900.00	899.50	900.50	899.50	4.92	4.93	-152.33	-100.18	0.00	112.58	102.74	9.84	11.437				
1,000.00	999.05	1,000.95	999.05	5.26	5.26	-164.20	-100.18	0.00	121.40	110.88	10.52	11.539				
1,077.14	1,075.61	1,075.61	1,075.61	5.53	5.52	-169.78	-100.18	0.00	130.61	119.56	11.05	11.815				
1,100.00	1,098.26	1,101.74	1,098.26	5.61	5.62	-170.01	-100.18	0.00	133.65	122.42	11.23	11.900				
1,200.00	1,197.35	1,202.65	1,197.35	5.98	5.98	-170.92	-100.18	0.00	146.95	134.99	11.96	12.289				
1,300.00	1,296.44	1,303.56	1,296.44	6.35	6.36	-171.68	-100.18	0.00	160.28	147.58	12.71	12.614				
1,400.00	1,395.52	1,404.48	1,395.52	6.73	6.74	-172.33	-100.18	0.00	173.64	160.17	13.47	12.889				
1,500.00	1,494.61	1,505.39	1,494.61	7.12	7.13	-172.88	-100.18	0.00	187.01	172.76	14.25	13.121				
1,600.00	1,593.70	1,606.31	1,593.70	7.52	7.53	-173.36	-100.18	0.00	200.40	185.36	15.05	13.319				
1,700.00	1,692.78	1,707.22	1,692.78	7.93	7.93	-173.77	-100.18	0.00	213.81	197.95	15.85	13.489				
1,800.00	1,791.87	1,791.87	1,791.87	8.33	8.27	-174.14	-100.18	0.00	227.22	210.62	16.60	13.689				
1,900.00	1,890.95	1,889.52	1,889.52	8.75	8.65	-174.41	-100.36	-0.21	240.76	223.36	17.39	13.841				
2,000.00	1,990.04	1,984.84	1,984.79	9.16	9.01	-174.10	-102.26	-2.40	255.49	237.33	18.16	14.070				
2,100.00	2,089.13	2,079.57	2,079.32	9.58	9.38	-173.22	-106.20	-6.95	271.68	252.76	18.92	14.359				
2,200.00	2,188.21	2,176.80	2,176.18	10.01	9.75	-172.00	-111.77	-13.39	289.04	269.33	19.71	14.666				
2,300.00	2,287.30	2,275.08	2,274.08	10.43	10.14	-170.89	-117.48	-19.98	306.57	286.06	20.51	14.946				
2,400.00	2,386.39	2,373.37	2,371.98	10.86	10.52	-169.89	-123.18	-26.56	324.20	302.88	21.32	15.205				
2,500.00	2,485.47	2,471.66	2,469.87	11.29	10.92	-169.00	-128.89	-33.15	341.91	319.77	22.14	15.444				
2,600.00	2,584.56	2,569.94	2,567.77	11.72	11.31	-168.20	-134.59	-39.74	359.70	336.74	22.96	15.666				
2,700.00	2,683.65	2,668.23	2,665.67	12.15	11.71	-167.48	-140.30	-46.33	377.55	353.76	23.79	15.873				
2,800.00	2,782.73	2,766.52	2,763.57	12.58	12.11	-166.82	-146.00	-52.92	395.45	370.83	24.62	16.065				
2,900.00	2,881.82	2,864.80	2,861.47	13.02	12.52	-166.21	-151.71	-59.51	413.40	387.95	25.45	16.244				
3,000.00	2,980.91	2,963.09	2,959.37	13.45	12.92	-165.66	-157.41	-66.09	431.39	405.10	26.29	16.411				
3,100.00	3,079.99	3,061.38	3,057.27	13.89	13.33	-165.15	-163.12	-72.68	449.41	422.28	27.13	16.567				
3,200.00	3,179.08	3,159.66	3,155.17	14.33	13.74	-164.68	-168.82	-79.27	467.47	439.50	27.97	16.713				
3,300.00	3,278.17	3,257.95	3,253.07	14.76	14.16	-164.24	-174.52	-85.86	485.55	456.74	28.82	16.851				
3,400.00	3,377.25	3,356.24	3,350.97	15.20	14.57	-163.84	-180.23	-92.45	503.66	474.00	29.66	16.979				
3,500.00	3,476.34	3,454.52	3,448.87	15.64	14.99	-163.46	-185.93	-99.04	521.79	491.28	30.51	17.101				
3,600.00	3,575.43	3,552.81	3,546.77	16.08	15.40	-163.11	-191.64	-105.63	539.95	508.58	31.36	17.215				
3,700.00	3,674.51	3,651.10	3,644.67	16.53	15.82	-162.79	-197.34	-112.21	558.12	525.90	32.22	17.323				
3,800.00	3,773.60	3,749.38	3,742.57	16.97	16.24	-162.48	-203.05	-118.80	576.31	543.23	33.07	17.425				
3,900.00	3,872.69	3,847.67	3,840.47	17.41	16.66	-162.19	-208.75	-125.39	594.51	560.58	33.93	17.521				
4,000.00	3,971.77	3,945.96	3,938.37	17.85	17.08	-161.92	-214.46	-131.98	612.73	577.94	34.79	17.613				
4,100.00	4,070.86	4,044.24	4,036.27	18.29	17.51	-161.66	-220.16	-138.57	630.95	595.31	35.65	17.699				
4,200.00	4,169.95	4,142.53	4,134.17	18.74	17.93	-161.42	-225.87	-145.16	649.20	612.69	36.51	17.782				
4,300.00	4,269.03	4,240.81	4,232.07	19.18	18.36	-161.19	-231.57	-151.75	667.45	630.07	37.37	17.860				
4,400.00	4,368.12	4,339.10	4,329.97	19.63	18.78	-160.98	-237.28	-158.33	685.71	647.47	38.23	17.934				
4,500.00	4,467.21	4,437.39	4,427.86	20.07	19.21	-160.77	-242.98	-164.92	703.98	664.88	39.10	18.005				
4,600.00	4,566.29	4,535.67	4,525.76	20.52	19.63	-160.58	-248.68	-171.51	722.25	682.29	39.96	18.073				
4,700.00	4,665.38	4,633.96	4,623.66	20.96	20.06	-160.39	-254.39	-178.10	740.54	699.71	40.83	18.137				
4,800.00	4,764.47	4,732.25	4,721.56	21.41	20.49	-160.22	-260.09	-184.69	758.83	717.14	41.70	18.199				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER 8N-23B-L - OH - Plan #2		Offset Site Error:		0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,830.53	4,819.46	21.85	20.92	-160.05	-265.80	-191.28	777.13	734.57	42.56	18.258					
5,000.00	4,962.64	4,928.82	4,917.36	22.30	21.35	-159.89	-271.50	-197.86	795.44	752.01	43.43	18.315					
5,100.00	5,061.73	5,027.11	5,015.26	22.74	21.78	-159.74	-277.21	-204.45	813.75	769.45	44.30	18.369					
5,200.00	5,160.81	5,125.39	5,113.16	23.19	22.21	-159.59	-282.91	-211.04	832.06	786.89	45.17	18.421					
5,300.00	5,259.90	5,223.68	5,211.06	23.64	22.64	-159.45	-288.62	-217.63	850.39	804.35	46.04	18.470					
5,400.00	5,358.99	5,321.97	5,308.96	24.08	23.07	-159.32	-294.32	-224.22	868.71	821.80	46.91	18.518					
5,500.00	5,458.07	5,420.25	5,406.86	24.53	23.50	-159.19	-300.03	-230.81	887.04	839.26	47.78	18.564					
5,600.00	5,557.16	5,518.54	5,504.76	24.98	23.93	-159.07	-305.73	-237.40	905.38	856.72	48.65	18.608					
5,700.00	5,656.25	5,616.83	5,602.66	25.42	24.36	-158.95	-311.43	-243.98	923.72	874.19	49.53	18.651					
5,800.00	5,755.33	5,715.11	5,700.56	25.87	24.80	-158.84	-317.14	-250.57	942.06	891.66	50.40	18.692					
5,900.00	5,854.42	5,813.40	5,798.46	26.32	25.23	-158.73	-322.84	-257.16	960.40	909.13	51.27	18.731					
6,000.00	5,953.51	5,911.69	5,896.36	26.77	25.66	-158.62	-328.55	-263.75	978.75	926.61	52.15	18.769					
6,100.00	6,052.59	6,009.97	5,994.26	27.21	26.10	-158.52	-334.25	-270.34	997.10	944.08	53.02	18.806					
6,200.00	6,151.68	6,108.26	6,092.16	27.66	26.53	-158.42	-339.96	-276.93	1,015.46	961.56	53.90	18.841					
6,300.00	6,250.76	6,227.86	6,211.39	28.11	27.06	-158.37	-345.99	-283.90	1,033.12	978.16	54.96	18.799					
6,400.00	6,349.85	6,357.96	6,341.41	28.56	27.62	-158.54	-348.96	-287.33	1,047.96	991.91	56.06	18.694					
6,500.00	6,448.94	6,466.66	6,449.93	29.01	28.06	-159.05	-349.06	-283.23	1,060.60	1,003.64	56.97	18.618					
6,589.36	6,537.48	6,552.81	6,534.57	29.41	28.39	-160.12	-348.92	-267.52	1,071.93	1,014.24	57.70	18.579					
6,600.00	6,548.03	6,562.69	6,544.13	29.45	28.43	-167.26	-348.89	-264.99	1,073.32	1,015.54	57.78	18.576					
6,650.00	6,597.61	6,608.58	6,587.93	29.67	28.60	157.31	-348.77	-251.32	1,079.92	1,021.76	58.16	18.568					
6,700.00	6,647.01	6,653.62	6,629.84	29.89	28.76	131.89	-348.61	-234.86	1,086.65	1,028.13	58.52	18.569					
6,750.00	6,695.92	6,697.88	6,669.79	30.10	28.91	117.37	-348.44	-215.85	1,093.45	1,034.59	58.86	18.577					
6,800.00	6,744.04	6,741.42	6,707.72	30.31	29.06	108.60	-348.24	-194.47	1,100.26	1,041.08	59.18	18.592					
6,850.00	6,791.07	6,784.33	6,743.58	30.51	29.20	102.74	-348.02	-170.92	1,107.01	1,047.53	59.48	18.611					
6,900.00	6,836.72	6,826.67	6,777.33	30.71	29.33	98.48	-347.78	-145.37	1,113.65	1,053.89	59.76	18.635					
6,950.00	6,880.71	6,868.48	6,808.92	30.90	29.46	95.19	-347.52	-117.99	1,120.12	1,060.10	60.02	18.661					
7,000.00	6,922.77	6,909.83	6,838.32	31.08	29.59	92.55	-347.25	-88.94	1,126.37	1,066.10	60.27	18.689					
7,050.00	6,962.63	6,950.75	6,865.51	31.27	29.72	90.37	-346.97	-58.36	1,132.33	1,071.83	60.50	18.717					
7,100.00	7,000.07	6,991.31	6,890.46	31.44	29.84	88.54	-346.67	-26.40	1,137.97	1,077.25	60.72	18.742					
7,150.00	7,034.83	7,031.53	6,913.14	31.62	29.96	86.98	-346.36	6.81	1,143.22	1,082.30	60.93	18.764					
7,200.00	7,066.72	7,071.46	6,933.54	31.79	30.08	85.65	-346.04	41.13	1,148.05	1,086.92	61.13	18.780					
7,250.00	7,095.52	7,111.13	6,951.64	31.96	30.21	84.51	-345.71	76.42	1,152.42	1,091.09	61.33	18.789					
7,300.00	7,121.07	7,150.00	6,967.21	32.13	30.33	83.56	-345.38	112.03	1,156.29	1,094.76	61.54	18.791					
7,350.00	7,143.21	7,189.83	6,980.88	32.30	30.46	82.75	-345.03	149.43	1,159.63	1,097.88	61.75	18.779					
7,400.00	7,161.80	7,228.93	6,991.99	32.47	30.59	82.10	-344.68	186.91	1,162.42	1,100.44	61.97	18.757					
7,450.00	7,176.72	7,267.89	7,000.76	32.64	30.72	81.59	-344.32	224.86	1,164.62	1,102.41	62.20	18.722					
7,500.00	7,187.89	7,306.74	7,007.17	32.82	30.85	81.21	-343.97	263.17	1,166.22	1,103.77	62.45	18.675					
7,550.00	7,195.23	7,345.51	7,011.23	32.99	30.99	80.96	-343.61	301.72	1,167.21	1,104.50	62.71	18.614					
7,600.00	7,198.70	7,384.23	7,012.94	33.17	31.12	80.84	-343.25	340.40	1,167.58	1,104.60	62.98	18.540					
7,622.60	7,199.00	7,403.65	7,012.97	33.25	31.19	80.83	-343.07	359.81	1,167.53	1,104.42	63.11	18.499					
7,700.00	7,198.64	7,481.05	7,012.70	33.54	31.50	80.83	-342.34	437.21	1,167.05	1,103.36	63.69	18.324					
7,800.00	7,198.17	7,581.05	7,012.36	33.98	31.95	80.84	-341.41	537.20	1,166.43	1,101.88	64.55	18.071					
7,900.00	7,197.71	7,681.04	7,012.01	34.47	32.47	80.84	-340.48	637.19	1,165.81	1,100.28	65.53	17.790					
8,000.00	7,197.24	7,781.04	7,011.67	35.03	33.05	80.84	-339.55	737.19	1,165.19	1,098.55	66.64	17.486					
8,089.52	7,196.83	7,863.34	7,011.39	35.57	33.56	80.84	-338.83	819.48	1,164.71	1,097.05	67.67	17.212					
8,100.00	7,196.78	7,870.82	7,011.36	35.64	33.61	80.84	-338.82	826.96	1,164.73	1,096.95	67.78	17.185					
8,200.00	7,196.31	7,949.00	7,011.10	36.30	34.15	80.85	-339.75	905.14	1,166.15	1,097.22	68.92	16.920					
8,300.00	7,195.85	8,048.98	7,010.75	37.01	34.88	80.88	-341.61	1,005.09	1,168.27	1,097.93	70.35	16.608					
8,400.00	7,195.38	8,148.96	7,010.41	37.77	35.66	80.90	-343.46	1,105.05	1,170.40	1,098.54	71.87	16.286					
8,500.00	7,194.92	8,248.93	7,010.07	38.57	36.49	80.92	-345.31	1,205.01	1,172.53	1,099.06	73.48	15.958					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,600.00	7,194.46	8,348.91	7,009.73	39.41	37.36	80.94	-347.16	1,304.97	1,174.66	1,099.49	75.18	15.626			
8,700.00	7,193.99	8,448.88	7,009.39	40.30	38.27	80.97	-349.01	1,404.93	1,176.79	1,099.84	76.95	15.292			
8,800.00	7,193.53	8,548.86	7,009.05	41.22	39.22	80.99	-350.86	1,504.89	1,178.92	1,100.11	78.81	14.959			
8,900.00	7,193.06	8,648.84	7,008.71	42.17	40.21	81.01	-352.72	1,604.85	1,181.05	1,100.32	80.73	14.629			
9,000.00	7,192.60	8,748.81	7,008.37	43.16	41.22	81.03	-354.57	1,704.80	1,183.18	1,100.46	82.72	14.303			
9,100.00	7,192.13	8,848.79	7,008.02	44.17	42.27	81.06	-356.42	1,804.76	1,185.31	1,100.54	84.78	13.982			
9,200.00	7,191.67	8,948.77	7,007.68	45.22	43.35	81.08	-358.27	1,904.72	1,187.44	1,100.56	86.88	13.667			
9,300.00	7,191.20	9,048.74	7,007.34	46.29	44.45	81.10	-360.12	2,004.68	1,189.58	1,100.53	89.04	13.360			
9,400.00	7,190.74	9,148.72	7,007.00	47.38	45.58	81.12	-361.97	2,104.64	1,191.71	1,100.46	91.25	13.060			
9,500.00	7,190.27	9,248.69	7,006.66	48.50	46.72	81.14	-363.82	2,204.60	1,193.84	1,100.33	93.51	12.768			
9,600.00	7,189.81	9,348.67	7,006.32	49.64	47.89	81.17	-365.68	2,304.55	1,195.97	1,100.17	95.80	12.484			
9,700.00	7,189.34	9,448.65	7,005.98	50.80	49.08	81.19	-367.53	2,404.51	1,198.10	1,099.96	98.14	12.208			
9,800.00	7,188.88	9,548.62	7,005.64	51.98	50.29	81.21	-369.38	2,504.47	1,200.23	1,099.72	100.51	11.942			
9,900.00	7,188.41	9,648.60	7,005.29	53.17	51.51	81.23	-371.23	2,604.43	1,202.36	1,099.45	102.91	11.683			
10,000.00	7,187.95	9,748.57	7,004.95	54.38	52.75	81.25	-373.08	2,704.39	1,204.50	1,099.14	105.35	11.433			
10,100.00	7,187.49	9,848.55	7,004.61	55.61	54.01	81.27	-374.93	2,804.35	1,206.63	1,098.81	107.82	11.191			
10,200.00	7,187.02	9,948.53	7,004.27	56.85	55.27	81.30	-376.79	2,904.31	1,208.76	1,098.45	110.31	10.957			
10,300.00	7,186.56	10,048.50	7,003.93	58.10	56.55	81.32	-378.64	3,004.26	1,210.89	1,098.06	112.83	10.732			
10,400.00	7,186.09	10,148.48	7,003.59	59.37	57.84	81.34	-380.49	3,104.22	1,213.03	1,097.65	115.38	10.513			
10,500.00	7,185.63	10,248.46	7,003.25	60.64	59.15	81.36	-382.34	3,204.18	1,215.16	1,097.21	117.95	10.303			
10,600.00	7,185.16	10,348.43	7,002.91	61.93	60.46	81.38	-384.19	3,304.14	1,217.29	1,096.76	120.53	10.099			
10,700.00	7,184.70	10,448.41	7,002.56	63.23	61.78	81.40	-386.04	3,404.10	1,219.43	1,096.28	123.14	9.903			
10,800.00	7,184.23	10,548.38	7,002.22	64.54	63.11	81.42	-387.89	3,504.06	1,221.56	1,095.79	125.77	9.713			
10,900.00	7,183.77	10,648.36	7,001.88	65.85	64.45	81.44	-389.75	3,604.02	1,223.69	1,095.28	128.41	9.529			
11,000.00	7,183.30	10,748.34	7,001.54	67.18	65.80	81.47	-391.60	3,703.97	1,225.83	1,094.75	131.07	9.352			
11,100.00	7,182.84	10,848.31	7,001.20	68.51	67.15	81.49	-393.45	3,803.93	1,227.96	1,094.21	133.75	9.181			
11,200.00	7,182.37	10,948.29	7,000.86	69.85	68.51	81.51	-395.30	3,903.89	1,230.10	1,093.66	136.44	9.016			
11,300.00	7,181.91	11,048.27	7,000.52	71.20	69.88	81.53	-397.15	4,003.85	1,232.23	1,093.09	139.15	8.856			
11,400.00	7,181.45	11,148.24	7,000.18	72.56	71.26	81.55	-399.00	4,103.81	1,234.36	1,092.50	141.86	8.701			
11,500.00	7,180.98	11,248.22	6,999.83	73.92	72.64	81.57	-400.86	4,203.77	1,236.50	1,091.91	144.59	8.552			
11,600.00	7,180.52	11,348.20	6,999.49	75.29	74.31	81.59	-402.71	4,303.73	1,238.63	1,091.36	147.32	8.406			
11,700.00	7,180.05	11,448.18	6,999.15	76.66	76.15	81.59	-404.59	4,403.69	1,240.76	1,090.81	150.05	8.261			
11,800.00	7,179.59	11,548.16	6,998.81	78.04	77.55	81.58	-406.47	4,503.65	1,242.89	1,090.26	152.78	8.116			
11,900.00	7,179.12	11,648.14	6,998.47	79.42	78.94	81.57	-408.35	4,603.61	1,245.02	1,089.71	155.51	7.971			
12,000.00	7,178.66	11,748.12	6,998.13	80.81	80.35	81.56	-410.23	4,703.57	1,247.15	1,089.16	158.24	7.826			
12,100.00	7,178.19	11,848.10	6,997.79	82.20	81.75	81.56	-412.11	4,803.53	1,249.28	1,088.61	160.97	7.681			
12,200.00	7,177.73	11,948.08	6,997.45	83.60	83.16	81.55	-413.99	4,903.49	1,251.41	1,088.06	163.70	7.536			
12,300.00	7,177.26	12,048.06	6,997.11	85.00	84.58	81.54	-415.87	5,003.45	1,253.54	1,087.51	166.43	7.391			
12,400.00	7,176.80	12,148.04	6,996.77	86.41	86.00	81.53	-417.75	5,103.41	1,255.67	1,086.96	169.16	7.246			
12,500.00	7,176.33	12,248.02	6,996.43	87.82	87.42	81.53	-419.63	5,203.37	1,257.80	1,086.41	171.89	7.101			
12,600.00	7,175.87	12,348.00	6,996.09	89.23	88.79	81.52	-421.51	5,303.33	1,259.93	1,085.86	174.62	6.956			
12,700.00	7,175.40	12,448.00	6,995.75	90.65	90.27	81.51	-423.39	5,403.29	1,262.06	1,085.31	177.35	6.811			
12,800.00	7,174.94	12,548.00	6,995.41	92.07	91.70	81.50	-425.27	5,503.25	1,264.19	1,084.76	180.08	6.666			
12,900.00	7,174.48	12,648.00	6,995.07	93.49	93.07	81.50	-427.15	5,603.21	1,266.32	1,084.21	182.81	6.521			
13,000.00	7,174.01	12,748.00	6,994.73	94.91	94.57	81.49	-429.03	5,703.17	1,268.45	1,083.66	185.54	6.376			
13,100.00	7,173.55	12,848.00	6,994.39	96.34	96.01	81.48	-430.91	5,803.13	1,270.58	1,083.11	188.27	6.231			
13,200.00	7,173.08	12,948.00	6,994.05	97.77	97.45	81.47	-432.79	5,903.09	1,272.71	1,082.56	191.00	6.086			
13,300.00	7,172.62	13,048.00	6,993.71	99.21	98.89	81.47	-434.67	6,003.05	1,274.84	1,082.01	193.73	5.941			
13,400.00	7,172.15	13,148.00	6,993.37	100.64	100.33	81.46	-436.55	6,103.01	1,276.97	1,081.46	196.46	5.796			
13,500.00	7,171.69	13,248.00	6,993.03	102.08	101.72	81.45	-438.43	6,203.00	1,279.10	1,080.91	199.19	5.651			
13,600.00	7,171.22	13,348.00	6,992.69	103.52	103.23	81.44	-440.31	6,303.00	1,281.23	1,080.36	201.92	5.506			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	13,502.14	6,992.17	104.97	104.68	81.44	-355.95	6,452.86	1,198.83	991.57	207.26	5.784		
13,800.00	7,170.29	13,602.16	6,991.83	106.41	106.13	81.43	-353.72	6,552.81	1,196.92	986.79	210.14	5.696		
13,900.00	7,169.83	13,702.18	6,991.49	107.86	107.59	81.42	-351.49	6,652.77	1,195.02	982.01	213.01	5.610		
14,000.00	7,169.36	13,797.80	6,991.15	109.31	108.98	81.41	-349.26	6,752.73	1,193.11	977.28	215.83	5.528		
14,100.00	7,168.90	13,902.22	6,990.81	110.76	110.50	81.41	-347.03	6,852.68	1,191.21	972.43	218.78	5.445		
14,200.00	7,168.44	14,002.23	6,990.47	112.21	111.96	81.40	-344.79	6,952.64	1,189.30	967.64	221.67	5.365		
14,300.00	7,167.97	14,102.25	6,990.13	113.67	113.42	81.39	-342.56	7,052.60	1,187.40	962.84	224.56	5.288		
14,400.00	7,167.51	14,202.27	6,989.79	115.12	114.89	81.38	-340.33	7,152.55	1,185.49	958.04	227.45	5.212		
14,500.00	7,167.04	14,302.29	6,989.45	116.58	116.35	81.37	-338.10	7,252.51	1,183.59	953.24	230.35	5.138		
14,600.00	7,166.58	14,402.31	6,989.11	118.04	117.81	81.37	-335.87	7,352.46	1,181.68	948.44	233.25	5.066		
14,700.00	7,166.11	14,497.67	6,988.77	119.50	119.21	81.36	-333.63	7,452.42	1,179.78	943.70	236.08	4.997		
14,800.00	7,165.65	14,602.34	6,988.43	120.97	120.75	81.35	-331.40	7,552.38	1,177.87	938.82	239.05	4.927		
14,900.00	7,165.18	14,702.36	6,988.09	122.43	122.22	81.34	-329.17	7,652.33	1,175.97	934.01	241.96	4.860		
15,000.00	7,164.72	14,802.38	6,987.75	123.90	123.69	81.33	-326.94	7,752.29	1,174.06	929.20	244.87	4.795		
15,100.00	7,164.25	14,902.40	6,987.41	125.36	125.16	81.33	-324.71	7,852.25	1,172.16	924.38	247.78	4.731		
15,200.00	7,163.79	15,002.42	6,987.07	126.83	126.63	81.32	-322.47	7,952.20	1,170.25	919.56	250.69	4.668		
15,300.00	7,163.32	15,102.44	6,986.72	128.30	128.10	81.31	-320.24	8,052.16	1,168.35	914.74	253.61	4.607		
15,400.00	7,162.86	15,202.45	6,986.38	129.77	129.58	81.30	-318.01	8,152.11	1,166.44	909.92	256.52	4.547		
15,500.00	7,162.39	15,302.47	6,986.04	131.24	131.05	81.29	-315.78	8,252.07	1,164.54	905.09	259.44	4.489		
15,600.00	7,161.93	15,402.49	6,985.70	132.71	132.53	81.29	-313.55	8,352.03	1,162.63	900.27	262.37	4.431		
15,700.00	7,161.47	15,497.49	6,985.36	134.19	133.93	81.28	-311.31	8,451.98	1,160.73	895.51	265.21	4.377		
15,800.00	7,161.00	15,602.53	6,985.02	135.66	135.49	81.27	-309.08	8,551.94	1,158.82	890.61	268.21	4.321		
15,900.00	7,160.54	15,702.55	6,984.68	137.14	136.96	81.26	-306.85	8,651.90	1,156.92	885.78	271.14	4.267		
16,000.00	7,160.07	15,802.56	6,984.34	138.61	138.44	81.25	-304.62	8,751.85	1,155.01	880.95	274.07	4.214		
16,100.00	7,159.61	15,897.42	6,984.00	140.09	139.85	81.24	-302.39	8,851.81	1,153.11	876.19	276.92	4.164		
16,200.00	7,159.14	16,002.60	6,983.66	141.57	141.41	81.24	-300.15	8,951.76	1,151.20	871.28	279.93	4.113		
16,300.00	7,158.68	16,102.62	6,983.32	143.05	142.89	81.23	-297.92	9,051.72	1,149.30	866.44	282.86	4.063		
16,400.00	7,158.21	16,202.64	6,982.98	144.53	144.37	81.22	-295.69	9,151.68	1,147.40	861.60	285.79	4.015		
16,500.00	7,157.75	16,302.65	6,982.64	146.01	145.85	81.21	-293.46	9,251.63	1,145.49	856.76	288.73	3.967		
16,600.00	7,157.28	16,402.67	6,982.30	147.49	147.34	81.20	-291.23	9,351.59	1,143.59	851.92	291.67	3.921		
16,700.00	7,156.82	16,502.69	6,981.96	148.97	148.82	81.19	-288.99	9,451.55	1,141.68	847.08	294.60	3.875		
16,800.00	7,156.35	16,602.71	6,981.62	150.45	150.31	81.18	-286.76	9,551.50	1,139.78	842.23	297.54	3.831		
16,900.00	7,155.89	16,702.73	6,981.28	151.94	151.79	81.18	-284.53	9,651.46	1,137.87	837.39	300.48	3.787		
17,000.00	7,155.43	16,802.75	6,980.94	153.42	153.28	81.17	-282.30	9,751.41	1,135.97	832.54	303.42	3.744		
17,100.00	7,154.96	16,902.76	6,980.60	154.90	154.77	81.16	-280.07	9,851.37	1,134.06	827.70	306.37	3.702		
17,200.00	7,154.50	17,002.78	6,980.26	156.39	156.26	81.15	-277.83	9,951.33	1,132.16	822.85	309.31	3.660		
17,300.00	7,154.03	17,102.80	6,979.92	157.88	157.74	81.14	-275.60	10,051.28	1,130.25	818.00	312.26	3.620		
17,400.00	7,153.57	17,202.82	6,979.57	159.36	159.23	81.13	-273.37	10,151.24	1,128.35	813.15	315.20	3.580		
17,500.00	7,153.10	17,302.84	6,979.23	160.85	160.72	81.12	-271.14	10,251.19	1,126.45	808.30	318.15	3.541		
17,590.16	7,152.68	17,365.88	6,979.00	162.19	161.66	81.12	-269.60	10,319.90	1,124.93	804.53	320.40	3.511		
17,600.00	7,152.64	17,365.88	6,979.00	162.34	161.66	81.12	-269.60	10,319.90	1,124.98	804.47	320.51	3.510 SF		
17,700.00	7,152.17	17,365.88	6,979.00	163.83	161.66	81.12	-269.60	10,319.90	1,130.28	810.00	320.28	3.529		
17,737.15	7,152.00	17,365.88	6,979.00	164.38	161.66	81.12	-269.60	10,319.90	1,134.50	814.90	319.60	3.550		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-120.22	0.00	120.22						
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-120.22	0.00	120.22	113.66	6.57	18.304			
200.00	200.00	200.00	200.00	3.34	3.34	180.00	-120.22	0.00	120.22	113.55	6.67	18.025			
300.00	300.00	300.00	300.00	3.44	3.44	180.00	-120.22	0.00	120.22	113.34	6.88	17.467 CC, ES			
400.00	400.00	396.76	396.74	3.60	3.59	-179.53	-121.51	-1.01	121.56	114.37	7.19	16.905			
500.00	499.99	493.31	493.16	3.80	3.77	-118.47	-125.36	-4.01	126.03	118.44	7.59	16.612			
600.00	599.96	608.13	591.43	4.03	4.04	-117.44	-131.32	-8.67	133.46	125.37	8.09	16.496			
700.00	699.86	691.51	690.77	4.30	4.25	-117.09	-137.48	-13.48	141.85	133.28	8.58	16.543			
790.00	789.74	781.17	780.14	4.57	4.51	-117.14	-143.02	-17.81	149.77	140.68	9.09	16.468			
800.00	799.73	808.88	790.07	4.60	4.60	-120.28	-143.64	-18.29	150.67	141.46	9.21	16.362			
900.00	899.50	890.53	889.17	4.92	4.85	-141.45	-149.78	-23.09	161.54	151.76	9.78	16.515			
1,000.00	999.05	989.49	987.83	5.26	5.19	-151.81	-155.90	-27.87	175.87	165.42	10.45	16.834			
1,077.14	1,075.61	1,065.45	1,063.56	5.53	5.45	-156.56	-160.60	-31.54	189.27	178.29	10.98	17.236			
1,100.00	1,098.26	1,087.91	1,085.94	5.61	5.53	-156.61	-161.99	-32.63	193.54	182.40	11.14	17.369			
1,200.00	1,197.35	1,186.14	1,183.87	5.98	5.89	-156.82	-168.06	-37.37	212.24	200.39	11.85	17.906			
1,300.00	1,296.44	1,284.37	1,281.80	6.35	6.25	-157.00	-174.13	-42.12	230.94	218.36	12.58	18.351			
1,400.00	1,395.52	1,382.61	1,379.73	6.73	6.63	-157.14	-180.21	-46.86	249.64	236.31	13.33	18.722			
1,500.00	1,494.61	1,480.84	1,477.66	7.12	7.01	-157.27	-186.28	-51.61	268.35	254.25	14.10	19.031			
1,600.00	1,593.70	1,579.08	1,575.60	7.52	7.40	-157.38	-192.35	-56.35	287.05	272.17	14.88	19.293			
1,700.00	1,692.78	1,677.31	1,673.53	7.93	7.80	-157.48	-198.43	-61.10	305.75	290.09	15.67	19.514			
1,800.00	1,791.87	1,775.54	1,771.46	8.33	8.20	-157.57	-204.50	-65.84	324.46	307.99	16.47	19.702			
1,900.00	1,890.95	1,873.78	1,869.39	8.75	8.60	-157.64	-210.57	-70.59	343.17	325.89	17.28	19.864			
2,000.00	1,990.04	1,972.01	1,967.32	9.16	9.01	-157.71	-216.65	-75.33	361.87	343.78	18.09	20.004			
2,100.00	2,089.13	2,070.25	2,065.25	9.58	9.42	-157.77	-222.72	-80.08	380.58	361.67	18.91	20.124			
2,200.00	2,188.21	2,168.48	2,163.18	10.01	9.83	-157.83	-228.79	-84.82	399.29	379.55	19.74	20.230			
2,300.00	2,287.30	2,266.71	2,261.11	10.43	10.25	-157.88	-234.87	-89.57	418.00	397.43	20.57	20.322			
2,400.00	2,386.39	2,364.95	2,359.04	10.86	10.66	-157.93	-240.94	-94.31	436.70	415.30	21.40	20.403			
2,500.00	2,485.47	2,463.18	2,456.98	11.29	11.08	-157.97	-247.01	-99.06	455.41	433.17	22.24	20.474			
2,600.00	2,584.56	2,561.41	2,554.91	11.72	11.50	-158.01	-253.09	-103.80	474.12	451.03	23.09	20.538			
2,700.00	2,683.65	2,659.65	2,652.84	12.15	11.92	-158.05	-259.16	-108.55	492.83	468.90	23.93	20.594			
2,800.00	2,782.73	2,757.88	2,750.77	12.58	12.35	-158.08	-265.24	-113.29	511.54	486.76	24.78	20.644			
2,900.00	2,881.82	2,856.12	2,848.70	13.02	12.77	-158.11	-271.31	-118.04	530.25	504.62	25.63	20.689			
3,000.00	2,980.91	2,954.35	2,946.63	13.45	13.20	-158.14	-277.38	-122.78	548.96	522.47	26.48	20.729			
3,100.00	3,079.99	3,052.58	3,044.56	13.89	13.62	-158.17	-283.46	-127.53	567.67	540.33	27.34	20.766			
3,200.00	3,179.08	3,150.82	3,142.49	14.33	14.05	-158.19	-289.53	-132.28	586.38	558.18	28.19	20.799			
3,300.00	3,278.17	3,249.05	3,240.42	14.76	14.48	-158.22	-295.60	-137.02	605.09	576.03	29.05	20.828			
3,400.00	3,377.25	3,347.29	3,338.35	15.20	14.91	-158.24	-301.68	-141.77	623.80	593.88	29.91	20.855			
3,500.00	3,476.34	3,445.52	3,436.29	15.64	15.33	-158.26	-307.75	-146.51	642.51	611.73	30.77	20.880			
3,600.00	3,575.43	3,543.75	3,534.22	16.08	15.76	-158.28	-313.82	-151.26	661.22	629.58	31.63	20.902			
3,700.00	3,674.51	3,641.99	3,632.15	16.53	16.19	-158.30	-319.90	-156.00	679.93	647.43	32.50	20.923			
3,800.00	3,773.60	3,740.22	3,730.08	16.97	16.62	-158.32	-325.97	-160.75	698.64	665.27	33.36	20.941			
3,900.00	3,872.69	3,838.45	3,828.01	17.41	17.06	-158.33	-332.04	-165.49	717.35	683.12	34.23	20.958			
4,000.00	3,971.77	3,936.69	3,925.94	17.85	17.49	-158.35	-338.12	-170.24	736.06	700.96	35.09	20.974			
4,100.00	4,070.86	4,034.92	4,023.87	18.29	17.92	-158.37	-344.19	-174.98	754.77	718.81	35.96	20.989			
4,200.00	4,169.95	4,133.16	4,121.80	18.74	18.35	-158.38	-350.26	-179.73	773.48	736.65	36.83	21.002			
4,300.00	4,269.03	4,231.39	4,219.73	19.18	18.78	-158.39	-356.34	-184.47	792.19	754.49	37.70	21.015			
4,400.00	4,368.12	4,329.62	4,317.66	19.63	19.22	-158.41	-362.41	-189.22	810.90	772.33	38.57	21.026			
4,500.00	4,467.21	4,427.86	4,415.60	20.07	19.65	-158.42	-368.48	-193.96	829.61	790.17	39.44	21.036			
4,600.00	4,566.29	4,526.09	4,513.53	20.52	20.08	-158.43	-374.56	-198.71	848.32	808.01	40.31	21.046			
4,700.00	4,665.38	4,624.33	4,611.46	20.96	20.52	-158.44	-380.63	-203.45	867.03	825.85	41.18	21.055			
4,800.00	4,764.47	4,722.56	4,709.39	21.41	20.95	-158.46	-386.70	-208.20	885.74	843.69	42.05	21.064			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,863.55	4,820.79	4,807.32	21.85	21.39	-158.47	-392.78	-212.94	904.45	861.53	42.92	21.072		
5,000.00	4,962.64	4,919.03	4,905.25	22.30	21.82	-158.48	-398.85	-217.69	923.16	879.36	43.80	21.079		
5,100.00	5,061.73	5,017.26	5,003.18	22.74	22.26	-158.49	-404.92	-222.43	941.87	897.20	44.67	21.086		
5,200.00	5,160.81	5,115.49	5,101.11	23.19	22.69	-158.50	-411.00	-227.18	960.58	915.04	45.54	21.092		
5,300.00	5,259.90	5,213.73	5,199.04	23.64	23.13	-158.50	-417.07	-231.92	979.29	932.88	46.42	21.098		
5,400.00	5,358.99	5,311.96	5,296.97	24.08	23.56	-158.51	-423.15	-236.67	998.00	950.71	47.29	21.104		
5,500.00	5,458.07	5,410.20	5,394.91	24.53	24.00	-158.52	-429.22	-241.41	1,016.71	968.55	48.17	21.109		
5,600.00	5,557.16	5,508.43	5,492.84	24.98	24.43	-158.53	-435.29	-246.16	1,035.42	986.38	49.04	21.114		
5,700.00	5,656.25	5,606.66	5,590.77	25.42	24.87	-158.54	-441.37	-250.90	1,054.13	1,004.22	49.92	21.118		
5,800.00	5,755.33	5,704.90	5,688.70	25.87	25.30	-158.55	-447.44	-255.65	1,072.85	1,022.05	50.79	21.122		
5,900.00	5,854.42	5,803.13	5,786.63	26.32	25.74	-158.55	-453.51	-260.39	1,091.56	1,039.89	51.67	21.126		
6,000.00	5,953.51	5,901.37	5,884.56	26.77	26.18	-158.56	-459.59	-265.14	1,110.27	1,057.72	52.54	21.130		
6,100.00	6,052.59	6,000.40	5,982.49	27.21	26.62	-158.57	-465.66	-269.88	1,128.98	1,075.55	53.42	21.132		
6,200.00	6,151.68	6,102.17	6,080.42	27.66	27.07	-158.57	-471.73	-274.63	1,147.69	1,093.37	54.32	21.130		
6,300.00	6,250.76	6,203.93	6,178.35	28.11	27.52	-158.58	-477.81	-279.37	1,166.40	1,111.19	55.21	21.127		
6,400.00	6,349.85	6,294.30	6,276.28	28.56	27.92	-158.59	-483.88	-284.12	1,185.11	1,129.06	56.05	21.143		
6,500.00	6,448.94	6,392.53	6,374.22	29.01	28.36	-158.59	-489.95	-288.86	1,203.82	1,146.89	56.93	21.146		
6,589.36	6,537.48	6,481.22	6,462.68	29.41	28.75	-158.69	-495.43	-291.09	1,220.52	1,162.81	57.72	21.147		
6,600.00	6,548.03	6,491.81	6,473.24	29.45	28.79	-165.78	-496.07	-290.67	1,222.51	1,164.70	57.81	21.148		
6,650.00	6,597.61	6,541.39	6,522.52	29.67	28.99	159.05	-499.08	-286.33	1,231.84	1,173.61	58.23	21.155		
6,700.00	6,647.01	6,590.69	6,571.05	29.89	29.18	133.88	-502.02	-278.22	1,241.13	1,182.50	58.63	21.169		
6,750.00	6,695.92	6,639.74	6,618.57	30.10	29.36	119.60	-504.87	-266.45	1,250.33	1,191.32	59.02	21.185		
6,800.00	6,744.04	6,688.56	6,664.82	30.31	29.54	111.05	-507.62	-251.12	1,259.39	1,199.99	59.39	21.204		
6,850.00	6,791.07	6,737.17	6,709.58	30.51	29.70	105.39	-510.25	-232.38	1,268.23	1,208.47	59.75	21.224		
6,900.00	6,836.72	6,785.59	6,752.62	30.71	29.85	101.32	-512.75	-210.37	1,276.81	1,216.71	60.10	21.244		
6,950.00	6,880.71	6,833.85	6,793.74	30.90	30.00	98.21	-515.12	-185.23	1,285.07	1,224.63	60.44	21.264		
7,000.00	6,922.77	6,881.97	6,832.72	31.08	30.13	95.73	-517.33	-157.13	1,292.95	1,232.20	60.76	21.280		
7,050.00	6,962.63	6,929.95	6,869.39	31.27	30.26	93.69	-519.38	-126.26	1,300.42	1,239.35	61.07	21.293		
7,100.00	7,000.07	6,977.83	6,903.55	31.44	30.38	91.99	-521.26	-92.78	1,307.43	1,246.05	61.38	21.302		
7,150.00	7,034.83	7,025.61	6,935.04	31.62	30.49	90.55	-522.95	-56.91	1,313.92	1,252.24	61.68	21.304		
7,200.00	7,066.72	7,073.30	6,963.72	31.79	30.61	89.32	-524.46	-18.84	1,319.86	1,257.89	61.97	21.298		
7,250.00	7,095.52	7,120.92	6,989.43	31.96	30.72	88.27	-525.77	21.20	1,325.21	1,262.94	62.27	21.283		
7,300.00	7,121.07	7,168.46	7,012.05	32.13	30.85	87.39	-526.88	62.99	1,329.94	1,267.38	62.56	21.258		
7,350.00	7,143.21	7,215.94	7,031.47	32.30	30.98	86.65	-527.78	106.30	1,334.02	1,271.16	62.86	21.222		
7,400.00	7,161.80	7,263.36	7,047.60	32.47	31.12	86.04	-528.46	150.87	1,337.42	1,274.26	63.16	21.174		
7,450.00	7,176.72	7,310.72	7,060.36	32.64	31.26	85.57	-528.94	196.47	1,340.13	1,276.65	63.47	21.114		
7,500.00	7,187.89	7,358.03	7,069.70	32.82	31.41	85.21	-529.19	242.83	1,342.12	1,278.33	63.78	21.042		
7,550.00	7,195.23	7,405.28	7,075.56	32.99	31.57	84.97	-529.23	289.71	1,343.38	1,279.28	64.10	20.957		
7,600.00	7,198.70	7,452.48	7,077.95	33.17	31.73	84.85	-529.06	336.83	1,343.91	1,279.49	64.42	20.862		
7,622.60	7,199.00	7,474.44	7,077.97	33.25	31.80	84.83	-528.91	358.80	1,343.90	1,279.33	64.57	20.814		
7,700.00	7,198.64	7,551.84	7,077.75	33.54	32.11	84.84	-528.36	436.20	1,343.60	1,278.45	65.15	20.623		
7,800.00	7,198.17	7,651.84	7,077.46	33.98	32.55	84.84	-527.65	536.19	1,343.20	1,277.19	66.01	20.348		
7,900.00	7,197.71	7,751.84	7,077.17	34.47	33.06	84.85	-526.95	636.19	1,342.80	1,275.81	67.00	20.042		
8,000.00	7,197.24	7,851.84	7,076.89	35.03	33.63	84.86	-526.24	736.19	1,342.41	1,274.30	68.11	19.711		
8,100.00	7,196.78	7,951.84	7,076.60	35.64	34.26	84.86	-525.54	836.18	1,342.01	1,272.69	69.33	19.358		
8,200.00	7,196.31	8,051.84	7,076.32	36.30	34.95	84.87	-524.83	936.18	1,341.62	1,270.96	70.66	18.987		
8,300.00	7,195.85	8,151.84	7,076.03	37.01	35.68	84.88	-524.12	1,036.18	1,341.22	1,269.13	72.09	18.604		
8,400.00	7,195.38	8,251.84	7,075.74	37.77	36.47	84.88	-523.42	1,136.17	1,340.82	1,267.20	73.62	18.212		
8,500.00	7,194.92	8,351.84	7,075.46	38.57	37.29	84.89	-522.71	1,236.17	1,340.43	1,265.19	75.24	17.815		
8,600.00	7,194.46	8,451.84	7,075.17	39.41	38.17	84.89	-522.01	1,336.16	1,340.03	1,263.08	76.95	17.415		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,700.00	7,193.99	8,551.84	7,074.88	40.30	39.08	84.90	-521.30	1,436.16	1,339.64	1,260.90	78.73	17.015			
8,800.00	7,193.53	8,651.84	7,074.60	41.22	40.03	84.91	-520.59	1,536.16	1,339.24	1,258.65	80.59	16.617			
8,900.00	7,193.06	8,751.83	7,074.31	42.17	41.01	84.91	-519.89	1,636.15	1,338.85	1,256.32	82.52	16.224			
9,000.00	7,192.60	8,851.83	7,074.02	43.16	42.02	84.92	-519.18	1,736.15	1,338.45	1,253.93	84.52	15.836			
9,100.00	7,192.13	8,951.83	7,073.74	44.17	43.07	84.92	-518.48	1,836.15	1,338.05	1,251.48	86.57	15.456			
9,200.00	7,191.67	9,051.83	7,073.45	45.22	44.14	84.93	-517.77	1,936.14	1,337.66	1,248.98	88.68	15.084			
9,300.00	7,191.20	9,151.83	7,073.16	46.29	45.23	84.94	-517.07	2,036.14	1,337.26	1,246.42	90.84	14.721			
9,400.00	7,190.74	9,251.83	7,072.88	47.38	46.35	84.94	-516.36	2,136.13	1,336.87	1,243.81	93.05	14.367			
9,500.00	7,190.27	9,351.83	7,072.59	48.50	47.50	84.95	-515.65	2,236.13	1,336.47	1,241.16	95.31	14.023			
9,600.00	7,189.81	9,451.83	7,072.30	49.64	48.66	84.96	-514.95	2,336.13	1,336.07	1,238.47	97.61	13.689			
9,700.00	7,189.34	9,551.83	7,072.02	50.80	49.84	84.96	-514.24	2,436.12	1,335.68	1,235.74	99.94	13.365			
9,800.00	7,188.88	9,651.83	7,071.73	51.98	51.04	84.97	-513.54	2,536.12	1,335.28	1,232.97	102.31	13.051			
9,900.00	7,188.41	9,751.83	7,071.45	53.17	52.26	84.97	-512.83	2,636.12	1,334.89	1,230.17	104.72	12.747			
10,000.00	7,187.95	9,851.82	7,071.16	54.38	53.49	84.98	-512.12	2,736.11	1,334.49	1,227.33	107.16	12.453			
10,100.00	7,187.49	9,951.82	7,070.87	55.61	54.74	84.99	-511.42	2,836.11	1,334.10	1,224.47	109.63	12.170			
10,200.00	7,187.02	10,051.82	7,070.59	56.85	56.00	84.99	-510.71	2,936.10	1,333.70	1,221.58	112.12	11.895			
10,300.00	7,186.56	10,151.82	7,070.30	58.10	57.27	85.00	-510.01	3,036.10	1,333.31	1,218.66	114.64	11.630			
10,400.00	7,186.09	10,251.82	7,070.01	59.37	58.55	85.00	-509.30	3,136.10	1,332.91	1,215.72	117.19	11.374			
10,500.00	7,185.63	10,351.82	7,069.73	60.64	59.85	85.01	-508.59	3,236.09	1,332.51	1,212.76	119.75	11.127			
10,600.00	7,185.16	10,451.82	7,069.44	61.93	61.15	85.02	-507.89	3,336.09	1,332.12	1,209.78	122.34	10.888			
10,700.00	7,184.70	10,551.82	7,069.15	63.23	62.47	85.02	-507.18	3,436.08	1,331.72	1,206.77	124.95	10.658			
10,800.00	7,184.23	10,651.82	7,068.87	64.54	63.79	85.03	-506.48	3,536.08	1,331.33	1,203.75	127.58	10.435			
10,900.00	7,183.77	10,751.82	7,068.58	65.85	65.13	85.04	-505.77	3,636.08	1,330.93	1,200.71	130.22	10.220			
11,000.00	7,183.30	10,851.82	7,068.29	67.18	66.47	85.04	-505.07	3,736.07	1,330.54	1,197.65	132.88	10.013			
11,100.00	7,182.84	10,951.81	7,068.01	68.51	67.82	85.05	-504.36	3,836.07	1,330.14	1,194.58	135.56	9.812			
11,200.00	7,182.37	11,051.81	7,067.72	69.85	69.17	85.05	-503.65	3,936.07	1,329.75	1,191.49	138.25	9.618			
11,300.00	7,181.91	11,151.81	7,067.43	71.20	70.53	85.06	-502.95	4,036.06	1,329.35	1,188.39	140.96	9.431			
11,400.00	7,181.45	11,251.81	7,067.15	72.56	71.90	85.07	-502.24	4,136.06	1,328.95	1,185.28	143.68	9.250			
11,500.00	7,180.98	11,351.81	7,066.86	73.92	73.27	85.07	-501.54	4,236.05	1,328.56	1,182.15	146.41	9.075			
11,600.00	7,180.52	11,451.81	7,066.58	75.29	74.65	85.08	-500.83	4,336.05	1,328.16	1,179.02	149.15	8.905			
11,700.00	7,180.05	11,551.81	7,066.29	76.66	76.04	85.09	-500.12	4,436.05	1,327.77	1,175.87	151.90	8.741			
11,800.00	7,179.59	11,651.81	7,066.00	78.04	77.43	85.09	-499.42	4,536.04	1,327.37	1,172.71	154.66	8.582			
11,900.00	7,179.12	11,751.81	7,065.72	79.42	78.82	85.10	-498.71	4,636.04	1,326.98	1,169.54	157.44	8.429			
12,000.00	7,178.66	11,851.81	7,065.43	80.81	80.22	85.10	-498.01	4,736.04	1,326.58	1,166.36	160.22	8.280			
12,100.00	7,178.19	11,951.81	7,065.14	82.20	81.63	85.11	-497.30	4,836.03	1,326.19	1,163.18	163.01	8.136			
12,200.00	7,177.73	12,051.81	7,064.86	83.60	83.03	85.12	-496.59	4,936.03	1,325.79	1,159.98	165.81	7.996			
12,300.00	7,177.26	12,151.80	7,064.57	85.00	84.45	85.12	-495.89	5,036.02	1,325.40	1,156.78	168.62	7.860			
12,400.00	7,176.80	12,251.80	7,064.28	86.41	85.86	85.13	-495.18	5,136.02	1,325.00	1,153.57	171.43	7.729			
12,500.00	7,176.33	12,351.80	7,064.00	87.82	87.28	85.14	-494.48	5,236.02	1,324.61	1,150.35	174.26	7.602			
12,600.00	7,175.87	12,451.80	7,063.71	89.23	88.70	85.14	-493.77	5,336.01	1,324.21	1,147.12	177.09	7.478			
12,700.00	7,175.40	12,551.80	7,063.42	90.65	90.13	85.15	-493.06	5,436.01	1,323.81	1,143.89	179.92	7.358			
12,800.00	7,174.94	12,651.80	7,063.14	92.07	91.55	85.15	-492.36	5,536.01	1,323.42	1,140.66	182.76	7.241			
12,900.00	7,174.48	12,751.80	7,062.85	93.49	92.98	85.16	-491.65	5,636.00	1,323.02	1,137.41	185.61	7.128			
13,000.00	7,174.01	12,851.80	7,062.56	94.91	94.42	85.17	-490.95	5,736.00	1,322.63	1,134.16	188.47	7.018			
13,100.00	7,173.55	12,951.80	7,062.28	96.34	95.85	85.17	-490.24	5,835.99	1,322.23	1,130.91	191.33	6.911			
13,200.00	7,173.08	13,051.80	7,061.99	97.77	97.29	85.18	-489.54	5,935.99	1,321.84	1,127.65	194.19	6.807			
13,300.00	7,172.62	13,151.80	7,061.71	99.21	98.73	85.19	-488.83	6,035.99	1,321.44	1,124.38	197.06	6.706			
13,400.00	7,172.15	13,251.79	7,061.42	100.64	100.18	85.19	-488.12	6,135.98	1,321.05	1,121.11	199.93	6.607			
13,500.00	7,171.69	13,351.79	7,061.13	102.08	101.62	85.20	-487.42	6,235.98	1,320.65	1,117.84	202.81	6.512			
13,600.00	7,171.22	13,451.79	7,060.85	103.52	103.07	85.21	-486.71	6,335.97	1,320.26	1,114.56	205.70	6.418			
13,700.00	7,170.76	13,551.79	7,060.56	104.97	104.52	85.21	-486.01	6,435.97	1,319.86	1,111.28	208.58	6.328			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD+IFR1+MS													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,800.00	7,170.29	13,651.79	7,060.27	106.41	105.97	85.22	-485.30	6,535.97	1,319.47	1,107.99	211.48	6.239		
13,900.00	7,169.83	13,751.79	7,059.99	107.86	107.43	85.22	-484.59	6,635.96	1,319.07	1,104.70	214.37	6.153		
14,000.00	7,169.36	13,851.79	7,059.70	109.31	108.88	85.23	-483.89	6,735.96	1,318.68	1,101.41	217.27	6.069		
14,100.00	7,168.90	13,951.79	7,059.41	110.76	110.34	85.24	-483.18	6,835.96	1,318.28	1,098.11	220.17	5.987		
14,200.00	7,168.44	14,051.79	7,059.13	112.21	111.80	85.24	-482.48	6,935.95	1,317.89	1,094.81	223.08	5.908		
14,300.00	7,167.97	14,151.79	7,058.84	113.67	113.26	85.25	-481.77	7,035.95	1,317.49	1,091.50	225.99	5.830		
14,400.00	7,167.51	14,251.79	7,058.55	115.12	114.72	85.26	-481.06	7,135.94	1,317.10	1,088.20	228.90	5.754		
14,500.00	7,167.04	14,351.78	7,058.27	116.58	116.18	85.26	-480.36	7,235.94	1,316.70	1,084.89	231.82	5.680		
14,600.00	7,166.58	14,451.78	7,057.98	118.04	117.65	85.27	-479.65	7,335.94	1,316.31	1,081.57	234.74	5.608		
14,700.00	7,166.11	14,551.78	7,057.70	119.50	119.11	85.28	-478.95	7,435.93	1,315.91	1,078.25	237.66	5.537		
14,800.00	7,165.65	14,651.78	7,057.41	120.97	120.58	85.28	-478.24	7,535.93	1,315.52	1,074.94	240.58	5.468		
14,900.00	7,165.18	14,751.78	7,057.12	122.43	122.05	85.29	-477.54	7,635.93	1,315.12	1,071.61	243.51	5.401		
15,000.00	7,164.72	14,851.78	7,056.84	123.90	123.52	85.29	-476.83	7,735.92	1,314.73	1,068.29	246.44	5.335		
15,100.00	7,164.25	14,951.78	7,056.55	125.36	124.99	85.30	-476.12	7,835.92	1,314.33	1,064.96	249.37	5.271		
15,200.00	7,163.79	15,051.78	7,056.26	126.83	126.46	85.31	-475.42	7,935.91	1,313.94	1,061.63	252.31	5.208		
15,300.00	7,163.32	15,151.78	7,055.98	128.30	127.93	85.31	-474.71	8,035.91	1,313.54	1,058.30	255.24	5.146		
15,400.00	7,162.86	15,251.78	7,055.69	129.77	129.41	85.32	-474.01	8,135.91	1,313.15	1,054.97	258.18	5.086		
15,500.00	7,162.39	15,351.78	7,055.40	131.24	130.88	85.33	-473.30	8,235.90	1,312.75	1,051.63	261.12	5.027		
15,600.00	7,161.93	15,451.78	7,055.12	132.71	132.36	85.33	-472.59	8,335.90	1,312.36	1,048.29	264.06	4.970		
15,700.00	7,161.47	15,551.77	7,054.83	134.19	133.84	85.34	-471.89	8,435.90	1,311.96	1,044.95	267.01	4.914		
15,800.00	7,161.00	15,651.77	7,054.54	135.66	135.32	85.35	-471.18	8,535.89	1,311.57	1,041.61	269.96	4.858		
15,900.00	7,160.54	15,751.77	7,054.26	137.14	136.79	85.35	-470.48	8,635.89	1,311.17	1,038.27	272.91	4.804		
16,000.00	7,160.07	15,851.77	7,053.97	138.61	138.27	85.36	-469.77	8,735.88	1,310.78	1,034.92	275.86	4.752		
16,100.00	7,159.61	15,951.77	7,053.68	140.09	139.75	85.36	-469.06	8,835.88	1,310.39	1,031.58	278.81	4.700		
16,200.00	7,159.14	16,051.77	7,053.40	141.57	141.24	85.37	-468.36	8,935.88	1,309.99	1,028.23	281.76	4.649		
16,300.00	7,158.68	16,151.77	7,053.11	143.05	142.72	85.38	-467.65	9,035.87	1,309.60	1,024.88	284.72	4.600		
16,400.00	7,158.21	16,251.77	7,052.83	144.53	144.20	85.38	-466.95	9,135.87	1,309.20	1,021.52	287.68	4.551		
16,500.00	7,157.75	16,351.77	7,052.54	146.01	145.68	85.39	-466.24	9,235.87	1,308.81	1,018.17	290.64	4.503		
16,600.00	7,157.28	16,451.77	7,052.25	147.49	147.17	85.40	-465.53	9,335.86	1,308.41	1,014.82	293.60	4.456		
16,700.00	7,156.82	16,551.77	7,051.97	148.97	148.65	85.40	-464.83	9,435.86	1,308.02	1,011.46	296.56	4.411		
16,800.00	7,156.35	16,651.76	7,051.68	150.45	150.14	85.41	-464.12	9,535.85	1,307.62	1,008.10	299.52	4.366		
16,900.00	7,155.89	16,751.76	7,051.39	151.94	151.63	85.42	-463.42	9,635.85	1,307.23	1,004.74	302.49	4.322		
17,000.00	7,155.43	16,851.76	7,051.11	153.42	153.11	85.42	-462.71	9,735.85	1,306.83	1,001.38	305.45	4.278		
17,100.00	7,154.96	16,951.76	7,050.82	154.90	154.60	85.43	-462.01	9,835.84	1,306.44	998.02	308.42	4.236		
17,200.00	7,154.50	17,051.76	7,050.53	156.39	156.09	85.44	-461.30	9,935.84	1,306.04	994.65	311.39	4.194		
17,300.00	7,154.03	17,151.76	7,050.25	157.88	157.58	85.44	-460.59	10,035.83	1,305.65	991.29	314.36	4.153		
17,400.00	7,153.57	17,251.76	7,049.96	159.36	159.07	85.45	-459.89	10,135.83	1,305.26	987.92	317.33	4.113		
17,500.00	7,153.10	17,351.76	7,049.67	160.85	160.56	85.45	-459.18	10,235.83	1,304.86	984.56	320.30	4.074		
17,600.00	7,152.64	17,451.76	7,049.39	162.34	162.05	85.46	-458.48	10,335.82	1,304.47	981.19	323.28	4.035		
17,700.00	7,152.17	17,551.76	7,049.10	163.83	163.54	85.47	-457.77	10,435.82	1,304.07	977.82	326.25	3.997		
17,737.15	7,152.00	17,588.91	7,048.99	164.38	164.09	85.47	-457.51	10,472.97	1,303.93	976.57	327.36	3.983 SF		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	3.17	1,090.72	60.37	1,092.57					
100.00	100.00	80.40	80.40	3.28	3.28	3.17	1,090.72	60.37	1,092.39	1,085.82	6.57	166.298		
200.00	200.00	180.40	180.40	3.34	3.33	3.17	1,090.72	60.37	1,092.39	1,085.73	6.66	163.911		
300.00	300.00	280.40	280.40	3.44	3.43	3.17	1,090.72	60.37	1,092.39	1,085.52	6.87	158.921		
400.00	400.00	380.40	380.40	3.60	3.59	3.17	1,090.72	60.37	1,092.39	1,085.21	7.18	152.040		
500.00	499.99	480.39	480.39	3.80	3.78	63.21	1,090.72	60.37	1,092.00	1,084.42	7.58	144.008		
600.00	599.96	580.36	580.36	4.03	4.02	63.35	1,090.72	60.37	1,090.82	1,082.77	8.06	135.418		
700.00	699.86	680.26	680.26	4.30	4.29	63.57	1,090.72	60.37	1,088.87	1,080.28	8.59	126.732		
790.00	789.74	770.14	770.14	4.57	4.55	63.79	1,090.72	60.37	1,086.78	1,077.66	9.12	119.158		
800.00	799.73	780.13	780.13	4.60	4.58	60.68	1,090.72	60.37	1,086.53	1,077.35	9.18	118.337		
900.00	899.50	879.90	879.90	4.92	4.90	39.86	1,090.72	60.37	1,082.15	1,072.33	9.82	110.239		
1,000.00	999.05	979.45	979.45	5.26	5.23	29.96	1,090.72	60.37	1,074.32	1,063.83	10.49	102.426		
1,077.14	1,075.61	1,056.01	1,056.01	5.53	5.50	25.61	1,090.72	60.37	1,065.94	1,054.91	11.03	96.659		
1,100.00	1,098.26	1,078.66	1,078.66	5.61	5.58	25.68	1,090.72	60.37	1,063.16	1,051.97	11.19	94.999		
1,200.00	1,197.35	1,177.75	1,177.75	5.98	5.94	26.00	1,090.72	60.37	1,051.00	1,039.09	11.91	88.238		
1,300.00	1,296.44	1,276.84	1,276.84	6.35	6.30	26.32	1,090.72	60.37	1,038.87	1,026.22	12.65	82.113		
1,400.00	1,395.52	1,375.92	1,375.92	6.73	6.68	26.66	1,090.72	60.37	1,026.78	1,013.37	13.41	76.567		
1,500.00	1,494.61	1,475.01	1,475.01	7.12	7.06	27.00	1,090.72	60.37	1,014.73	1,000.54	14.18	71.543		
1,600.00	1,593.70	1,574.10	1,574.10	7.52	7.45	27.35	1,090.72	60.37	1,002.71	987.74	14.97	66.984		
1,700.00	1,692.78	1,673.18	1,673.18	7.93	7.84	27.71	1,090.72	60.37	990.73	974.96	15.77	62.840		
1,800.00	1,791.87	1,772.27	1,772.27	8.33	8.24	28.07	1,090.72	60.37	978.78	962.21	16.57	59.065		
1,900.00	1,890.95	1,871.35	1,871.35	8.75	8.64	28.45	1,090.72	60.37	966.88	949.50	17.38	55.617		
2,000.00	1,990.04	1,970.44	1,970.44	9.16	9.04	28.83	1,090.72	60.37	955.02	936.82	18.20	52.460		
2,100.00	2,089.13	2,069.53	2,069.53	9.58	9.45	29.23	1,090.72	60.37	943.20	924.17	19.03	49.562		
2,200.00	2,188.21	2,168.61	2,168.61	10.01	9.86	29.63	1,090.72	60.37	931.43	911.57	19.86	46.895		
2,300.00	2,287.30	2,267.70	2,267.70	10.43	10.27	30.04	1,090.72	60.37	919.71	899.01	20.70	44.435		
2,400.00	2,386.39	2,366.79	2,366.79	10.86	10.68	30.47	1,090.72	60.37	908.03	886.50	21.54	42.161		
2,500.00	2,485.47	2,465.87	2,465.87	11.29	11.10	30.91	1,090.72	60.37	896.41	874.03	22.38	40.053		
2,600.00	2,584.56	2,564.96	2,564.96	11.72	11.51	31.35	1,090.72	60.37	884.84	861.61	23.23	38.095		
2,700.00	2,683.65	2,664.05	2,664.05	12.15	11.93	31.81	1,090.72	60.37	873.32	849.24	24.08	36.273		
2,800.00	2,782.73	2,763.13	2,763.13	12.58	12.35	32.28	1,090.72	60.37	861.86	836.93	24.93	34.574		
2,900.00	2,881.82	2,862.22	2,862.22	13.02	12.77	32.77	1,090.72	60.37	850.46	824.68	25.78	32.986		
3,000.00	2,980.91	2,961.31	2,961.31	13.45	13.19	33.26	1,090.72	60.37	839.12	812.48	26.64	31.501		
3,100.00	3,079.99	3,060.39	3,060.39	13.89	13.61	33.77	1,090.72	60.37	827.85	800.35	27.50	30.108		
3,200.00	3,179.08	3,159.48	3,159.48	14.33	14.03	34.30	1,090.72	60.37	816.64	788.29	28.36	28.800		
3,300.00	3,278.17	3,258.57	3,258.57	14.76	14.46	34.84	1,090.72	60.37	805.50	776.29	29.22	27.570		
3,400.00	3,377.25	3,357.65	3,357.65	15.20	14.88	35.39	1,090.72	60.37	794.44	764.36	30.08	26.411		
3,500.00	3,476.34	3,456.74	3,456.74	15.64	15.30	35.96	1,090.72	60.37	783.45	752.51	30.94	25.319		
3,600.00	3,575.43	3,555.83	3,555.83	16.08	15.73	36.55	1,090.72	60.37	772.54	740.73	31.81	24.287		
3,700.00	3,674.51	3,654.91	3,654.91	16.53	16.15	37.15	1,090.72	60.37	761.72	729.04	32.67	23.312		
3,800.00	3,773.60	3,754.00	3,754.00	16.97	16.58	37.77	1,090.72	60.37	750.97	717.43	33.54	22.390		
3,900.00	3,872.69	3,853.09	3,853.09	17.41	17.01	38.40	1,090.72	60.37	740.32	705.91	34.41	21.515		
4,000.00	3,971.77	3,952.17	3,952.17	17.85	17.43	39.06	1,090.72	60.37	729.77	694.49	35.28	20.686		
4,100.00	4,070.86	4,051.26	4,051.26	18.29	17.86	39.73	1,090.72	60.37	719.31	683.16	36.15	19.900		
4,200.00	4,169.95	4,150.35	4,150.35	18.74	18.29	40.43	1,090.72	60.37	708.95	671.93	37.02	19.152		
4,300.00	4,269.03	4,249.43	4,249.43	19.18	18.72	41.14	1,090.72	60.37	698.70	660.81	37.89	18.441		
4,400.00	4,368.12	4,348.52	4,348.52	19.63	19.14	41.88	1,090.72	60.37	688.56	649.80	38.76	17.765		
4,500.00	4,467.21	4,447.61	4,447.61	20.07	19.57	42.64	1,090.72	60.37	678.54	638.91	39.63	17.122		
4,600.00	4,566.29	4,546.69	4,546.69	20.52	20.00	43.41	1,090.72	60.37	668.64	628.14	40.50	16.509		
4,700.00	4,665.38	4,645.78	4,645.78	20.96	20.43	44.22	1,090.72	60.37	658.86	617.49	41.37	15.924		
4,800.00	4,764.47	4,744.87	4,744.87	21.41	20.86	45.04	1,090.72	60.37	649.22	606.98	42.25	15.367		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.00	4,863.55	4,843.95	4,843.95	21.85	21.29	45.89	1,090.72	60.37	639.72	596.60	43.12	14.836		
5,000.00	4,962.64	4,943.04	4,943.04	22.30	21.72	46.77	1,090.72	60.37	630.37	586.37	43.99	14.329		
5,100.00	5,061.73	5,042.13	5,042.13	22.74	22.15	47.67	1,090.72	60.37	621.16	576.30	44.87	13.844		
5,200.00	5,160.81	5,131.28	5,131.27	23.19	22.53	48.50	1,090.96	60.45	612.45	566.73	45.72	13.396		
5,300.00	5,259.90	5,206.80	5,206.75	23.64	22.86	49.19	1,093.53	61.38	607.12	560.63	46.49	13.059		
5,381.98	5,341.13	5,268.94	5,268.72	24.00	23.13	49.73	1,097.75	62.89	605.76	558.69	47.07	12.869 CC		
5,400.00	5,358.99	5,282.61	5,282.34	24.08	23.19	49.84	1,098.93	63.32	605.82	558.63	47.19	12.837 ES		
5,500.00	5,458.07	5,358.47	5,357.68	24.53	23.51	50.44	1,107.16	66.27	608.56	560.74	47.82	12.726		
5,600.00	5,557.16	5,434.13	5,432.43	24.98	23.84	50.99	1,118.16	70.23	615.29	566.92	48.38	12.719 SF		
5,700.00	5,656.25	5,509.36	5,506.23	25.42	24.16	51.47	1,131.85	75.15	625.96	577.11	48.85	12.813		
5,800.00	5,755.33	5,583.93	5,578.77	25.87	24.48	51.88	1,148.11	80.99	640.50	591.24	49.26	13.003		
5,900.00	5,854.42	5,657.63	5,649.74	26.32	24.81	52.21	1,166.79	87.71	658.82	609.23	49.59	13.286		
6,000.00	5,953.51	5,730.26	5,718.89	26.77	25.13	52.47	1,187.70	95.22	680.83	630.99	49.84	13.659		
6,100.00	6,052.59	5,800.00	5,784.43	27.21	25.45	52.66	1,210.10	103.27	706.43	656.44	49.99	14.131		
6,200.00	6,151.68	5,871.60	5,850.78	27.66	25.79	52.80	1,235.42	112.37	735.50	685.34	50.16	14.663		
6,300.00	6,250.76	5,940.00	5,913.18	28.11	26.13	52.87	1,261.78	121.85	767.93	717.70	50.22	15.290		
6,400.00	6,349.85	6,000.00	5,967.06	28.56	26.43	52.90	1,286.62	130.78	803.63	753.61	50.02	16.066		
6,500.00	6,448.94	6,071.70	6,030.31	29.01	26.82	52.89	1,318.37	142.19	842.37	792.18	50.19	16.785		
6,589.36	6,537.48	6,139.06	6,088.74	29.41	27.20	52.84	1,349.93	153.53	879.29	828.84	50.46	17.427		
6,600.00	6,548.03	6,148.33	6,096.76	29.45	27.25	46.33	1,354.30	155.11	883.70	833.17	50.53	17.489		
6,650.00	6,597.61	6,208.12	6,134.39	29.67	27.60	13.61	1,374.93	162.52	903.27	852.35	50.92	17.738		
6,700.00	6,647.01	6,238.27	6,174.44	29.89	27.78	-9.54	1,396.95	170.43	920.89	869.65	51.25	17.970		
6,750.00	6,695.92	6,284.87	6,214.68	30.10	28.06	-22.19	1,419.07	178.39	936.45	884.81	51.64	18.135		
6,800.00	6,744.04	6,331.40	6,254.85	30.31	28.36	-29.48	1,441.17	186.33	949.94	897.91	52.03	18.258		
6,850.00	6,791.07	6,377.58	6,294.72	30.51	28.65	-34.23	1,463.09	194.21	961.39	908.98	52.42	18.341		
6,900.00	6,836.72	6,423.12	6,334.04	30.71	28.95	-37.70	1,484.71	201.98	970.89	918.09	52.80	18.387		
6,950.00	6,880.71	6,467.73	6,372.56	30.90	29.25	-40.50	1,505.90	209.59	978.54	925.35	53.19	18.397		
7,000.00	6,922.77	6,511.15	6,410.05	31.08	29.54	-42.94	1,526.51	217.00	984.48	930.90	53.57	18.376		
7,050.00	6,962.63	6,553.11	6,446.27	31.27	29.83	-45.18	1,546.43	224.16	988.87	934.91	53.96	18.326		
7,100.00	7,000.07	6,593.34	6,481.01	31.44	30.11	-47.30	1,565.54	231.03	991.92	937.57	54.35	18.251		
7,150.00	7,034.83	6,631.61	6,514.05	31.62	30.39	-49.34	1,583.70	237.56	993.84	939.10	54.75	18.154		
7,200.00	7,066.72	6,667.66	6,545.18	31.79	30.65	-51.31	1,600.82	243.71	994.87	939.72	55.15	18.038		
7,250.00	7,095.52	6,702.42	6,575.19	31.96	30.90	-53.25	1,617.32	249.64	995.25	939.65	55.61	17.898		
7,300.00	7,121.07	6,753.76	6,619.84	32.13	31.27	-56.07	1,641.83	255.94	994.90	938.27	56.63	17.569		
7,350.00	7,143.21	6,789.73	6,651.35	32.30	31.53	-58.28	1,659.08	257.67	994.20	936.90	57.30	17.350		
7,400.00	7,161.80	6,815.60	6,674.05	32.47	31.71	-59.96	1,671.48	257.46	993.82	936.03	57.80	17.195		
7,405.80	7,163.72	6,817.94	6,676.11	32.49	31.73	-60.11	1,672.60	257.37	993.82	935.97	57.84	17.182		
7,450.00	7,176.72	6,831.34	6,687.85	32.64	31.82	-61.00	1,679.00	256.61	994.15	936.03	58.12	17.105		
7,500.00	7,187.89	6,839.19	6,694.72	32.82	31.87	-61.47	1,682.75	255.98	995.44	937.10	58.34	17.062		
7,550.00	7,195.23	6,841.70	6,696.92	32.99	31.89	-61.50	1,683.94	255.75	997.79	939.26	58.53	17.048		
7,600.00	7,198.70	6,840.45	6,695.82	33.17	31.88	-61.18	1,683.34	255.87	1,001.22	942.50	58.72	17.050		
7,622.60	7,199.00	6,838.94	6,694.51	33.25	31.87	-60.94	1,682.63	256.00	1,003.11	944.29	58.82	17.054		
7,700.00	7,198.64	6,833.70	6,689.92	33.54	31.83	-60.64	1,680.13	256.44	1,012.87	953.64	59.24	17.099		
7,800.00	7,198.17	6,828.66	6,685.50	33.98	31.80	-60.35	1,677.72	256.80	1,033.92	973.99	59.92	17.254		
7,900.00	7,197.71	6,825.00	6,682.30	34.47	31.77	-60.14	1,675.98	257.02	1,063.95	1,003.25	60.70	17.527		
8,000.00	7,197.24	6,825.00	6,682.30	35.03	31.77	-60.14	1,675.98	257.02	1,102.26	1,040.68	61.58	17.899		
8,100.00	7,196.78	6,825.00	6,682.30	35.64	31.77	-60.14	1,675.98	257.02	1,148.03	1,085.61	62.42	18.392		
8,200.00	7,196.31	6,817.68	6,675.87	36.30	31.72	-59.73	1,672.47	257.38	1,200.35	1,137.32	63.02	19.046		
8,300.00	7,195.85	6,816.08	6,674.47	37.01	31.71	-59.63	1,671.71	257.44	1,258.47	1,194.78	63.69	19.759		
8,400.00	7,195.38	6,814.73	6,673.29	37.77	31.70	-59.56	1,671.06	257.49	1,321.60	1,257.33	64.28	20.560		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-019HN - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,500.00	7,194.92	6,813.57	6,672.27	38.57	31.69	-59.49	1,670.51	257.53	1,389.07	1,324.28	64.80	21.438					
8,600.00	7,194.46	6,812.57	6,671.39	39.41	31.69	-59.43	1,670.03	257.56	1,460.28	1,395.03	65.24	22.382					
8,700.00	7,193.99	6,811.69	6,670.62	40.30	31.68	-59.38	1,669.61	257.59	1,534.69	1,469.07	65.63	23.385					
8,800.00	7,193.53	6,810.92	6,669.94	41.22	31.68	-59.34	1,669.24	257.61	1,611.88	1,545.92	65.96	24.438					
8,900.00	7,193.06	6,810.23	6,669.34	42.17	31.67	-59.30	1,668.91	257.62	1,691.45	1,625.21	66.24	25.534					
9,000.00	7,192.60	6,809.62	6,668.80	43.16	31.67	-59.26	1,668.61	257.64	1,773.10	1,706.61	66.49	26.668					
9,100.00	7,192.13	6,800.00	6,660.36	44.17	31.60	-58.71	1,664.01	257.75	1,856.64	1,790.08	66.56	27.893					
9,200.00	7,191.67	6,800.00	6,660.36	45.22	31.60	-58.71	1,664.01	257.75	1,941.63	1,874.88	66.76	29.085					
9,300.00	7,191.20	6,800.00	6,660.36	46.29	31.60	-58.71	1,664.01	257.75	2,028.00	1,961.07	66.93	30.301					
9,400.00	7,190.74	6,800.00	6,660.36	47.38	31.60	-58.71	1,664.01	257.75	2,115.56	2,048.49	67.08	31.540					
9,500.00	7,190.27	6,800.00	6,660.36	48.50	31.60	-58.71	1,664.01	257.75	2,204.19	2,136.98	67.21	32.797					
9,600.00	7,189.81	6,800.00	6,660.36	49.64	31.60	-58.71	1,664.01	257.75	2,293.75	2,226.42	67.32	34.071					
9,700.00	7,189.34	6,800.00	6,660.36	50.80	31.60	-58.71	1,664.01	257.75	2,384.14	2,316.71	67.43	35.359					
9,800.00	7,188.88	6,800.00	6,660.36	51.98	31.60	-58.71	1,664.01	257.75	2,475.27	2,407.75	67.52	36.660					
9,900.00	7,188.41	6,800.00	6,660.36	53.17	31.60	-58.71	1,664.01	257.75	2,567.06	2,499.45	67.60	37.972					
10,000.00	7,187.95	6,800.00	6,660.36	54.38	31.60	-58.71	1,664.01	257.75	2,659.44	2,591.76	67.68	39.294					
10,100.00	7,187.49	6,800.00	6,660.36	55.61	31.60	-58.71	1,664.01	257.75	2,752.35	2,684.60	67.75	40.624					
10,200.00	7,187.02	6,800.00	6,660.36	56.85	31.60	-58.71	1,664.01	257.75	2,845.75	2,777.93	67.82	41.962					
10,300.00	7,186.56	6,800.00	6,660.36	58.10	31.60	-58.71	1,664.01	257.75	2,939.58	2,871.70	67.88	43.306					
10,400.00	7,186.09	6,800.00	6,660.36	59.37	31.60	-58.71	1,664.01	257.75	3,033.80	2,965.86	67.94	44.656					
10,500.00	7,185.63	6,800.00	6,660.36	60.64	31.60	-58.71	1,664.01	257.75	3,128.38	3,060.39	67.99	46.010					
10,600.00	7,185.16	6,800.00	6,660.36	61.93	31.60	-58.71	1,664.01	257.75	3,223.29	3,155.25	68.05	47.369					
10,700.00	7,184.70	6,800.00	6,660.36	63.23	31.60	-58.71	1,664.01	257.75	3,318.50	3,250.40	68.10	48.732					
10,800.00	7,184.23	6,800.00	6,660.36	64.54	31.60	-58.71	1,664.01	257.75	3,413.98	3,345.84	68.15	50.098					
10,900.00	7,183.77	6,800.00	6,660.36	65.85	31.60	-58.71	1,664.01	257.75	3,509.72	3,441.52	68.19	51.466					
11,000.00	7,183.30	6,800.00	6,660.36	67.18	31.60	-58.71	1,664.01	257.75	3,605.68	3,537.44	68.24	52.837					
11,100.00	7,182.84	6,800.00	6,660.36	68.51	31.60	-58.71	1,664.01	257.75	3,701.86	3,633.57	68.29	54.209					
11,200.00	7,182.37	6,800.00	6,660.36	69.85	31.60	-58.71	1,664.01	257.75	3,798.24	3,729.90	68.34	55.583					
11,300.00	7,181.91	6,800.00	6,660.36	71.20	31.60	-58.71	1,664.01	257.75	3,894.80	3,826.42	68.38	56.957					
11,400.00	7,181.45	6,800.00	6,660.36	72.56	31.60	-58.71	1,664.01	257.75	3,991.53	3,923.10	68.43	58.333					
11,500.00	7,180.98	6,800.00	6,660.36	73.92	31.60	-58.71	1,664.01	257.75	4,088.41	4,019.94	68.47	59.709					
11,600.00	7,180.52	6,800.00	6,660.36	75.29	31.60	-58.71	1,664.01	257.75	4,185.44	4,116.93	68.52	61.085					
11,700.00	7,180.05	6,800.00	6,660.36	76.66	31.60	-58.71	1,664.01	257.75	4,282.61	4,214.05	68.56	62.462					
11,800.00	7,179.59	6,800.00	6,660.36	78.04	31.60	-58.71	1,664.01	257.75	4,379.91	4,311.30	68.61	63.838					
11,900.00	7,179.12	6,800.00	6,660.36	79.42	31.60	-58.71	1,664.01	257.75	4,477.33	4,408.67	68.66	65.213					
12,000.00	7,178.66	6,800.00	6,660.36	80.81	31.60	-58.71	1,664.01	257.75	4,574.85	4,506.15	68.70	66.588					
12,100.00	7,178.19	6,800.00	6,660.36	82.20	31.60	-58.71	1,664.01	257.75	4,672.48	4,603.73	68.75	67.962					
12,200.00	7,177.73	6,800.00	6,660.36	83.60	31.60	-58.71	1,664.01	257.75	4,770.21	4,701.41	68.80	69.335					
12,300.00	7,177.26	6,800.00	6,660.36	85.00	31.60	-58.71	1,664.01	257.75	4,868.04	4,799.19	68.85	70.707					
12,400.00	7,176.80	6,800.00	6,660.36	86.41	31.60	-58.71	1,664.01	257.75	4,965.94	4,897.05	68.90	72.078					
12,500.00	7,176.33	6,800.00	6,660.36	87.82	31.60	-58.71	1,664.01	257.75	5,063.94	4,994.99	68.95	73.447					
12,600.00	7,175.87	6,800.00	6,660.36	89.23	31.60	-58.71	1,664.01	257.75	5,162.00	5,093.01	69.00	74.815					
12,700.00	7,175.40	6,800.00	6,660.36	90.65	31.60	-58.71	1,664.01	257.75	5,260.14	5,191.09	69.05	76.181					
12,800.00	7,174.94	6,800.00	6,660.36	92.07	31.60	-58.71	1,664.01	257.75	5,358.35	5,289.25	69.10	77.545					
12,900.00	7,174.48	6,800.00	6,660.36	93.49	31.60	-58.71	1,664.01	257.75	5,456.63	5,387.47	69.15	78.907					
13,000.00	7,174.01	6,800.00	6,660.36	94.91	31.60	-58.71	1,664.01	257.75	5,554.96	5,485.76	69.21	80.267					
13,100.00	7,173.55	6,800.00	6,660.36	96.34	31.60	-58.71	1,664.01	257.75	5,653.36	5,584.10	69.26	81.625					
13,200.00	7,173.08	6,800.00	6,660.36	97.77	31.60	-58.71	1,664.01	257.75	5,751.81	5,682.49	69.32	82.980					
13,300.00	7,172.62	6,800.00	6,660.36	99.21	31.60	-58.71	1,664.01	257.75	5,850.31	5,780.94	69.37	84.334					
13,400.00	7,172.15	6,800.00	6,660.36	100.64	31.60	-58.71	1,664.01	257.75	5,948.86	5,879.43	69.43	85.684					
13,500.00	7,171.69	6,800.00	6,660.36	102.08	31.60	-58.71	1,664.01	257.75	6,047.46	5,977.97	69.48	87.033					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-019HN - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
13,600.00	7,171.22	6,800.00	6,660.36	103.52	31.60	-58.71	1,664.01	257.75	6,146.10	6,076.56	69.54	88.378					
13,700.00	7,170.76	6,800.00	6,660.36	104.97	31.60	-58.71	1,664.01	257.75	6,244.79	6,175.19	69.60	89.721					
13,800.00	7,170.29	6,800.00	6,660.36	106.41	31.60	-58.71	1,664.01	257.75	6,343.52	6,273.86	69.66	91.061					
13,900.00	7,169.83	6,800.00	6,660.36	107.86	31.60	-58.71	1,664.01	257.75	6,442.29	6,372.57	69.72	92.399					
14,000.00	7,169.36	6,800.00	6,660.36	109.31	31.60	-58.71	1,664.01	257.75	6,541.10	6,471.31	69.78	93.733					
14,100.00	7,168.90	6,800.00	6,660.36	110.76	31.60	-58.71	1,664.01	257.75	6,639.94	6,570.09	69.85	95.065					
14,200.00	7,168.44	6,800.00	6,660.36	112.21	31.60	-58.71	1,664.01	257.75	6,738.81	6,668.90	69.91	96.393					
14,300.00	7,167.97	6,800.00	6,660.36	113.67	31.60	-58.71	1,664.01	257.75	6,837.72	6,767.75	69.97	97.719					
14,400.00	7,167.51	6,800.00	6,660.36	115.12	31.60	-58.71	1,664.01	257.75	6,936.66	6,866.62	70.04	99.041					
14,500.00	7,167.04	6,800.00	6,660.36	116.58	31.60	-58.71	1,664.01	257.75	7,035.63	6,965.53	70.10	100.360					
14,600.00	7,166.58	6,800.00	6,660.36	118.04	31.60	-58.71	1,664.01	257.75	7,134.63	7,064.46	70.17	101.675					
14,700.00	7,166.11	6,800.00	6,660.36	119.50	31.60	-58.71	1,664.01	257.75	7,233.66	7,163.42	70.24	102.988					
14,800.00	7,165.65	6,800.00	6,660.36	120.97	31.60	-58.71	1,664.01	257.75	7,332.71	7,262.40	70.31	104.297					
14,900.00	7,165.18	6,800.00	6,660.36	122.43	31.60	-58.71	1,664.01	257.75	7,431.79	7,361.41	70.38	105.603					
15,000.00	7,164.72	6,800.00	6,660.36	123.90	31.60	-58.71	1,664.01	257.75	7,530.89	7,460.44	70.44	106.905					
15,100.00	7,164.25	6,800.00	6,660.36	125.36	31.60	-58.71	1,664.01	257.75	7,630.01	7,559.50	70.52	108.203					
15,200.00	7,163.79	6,800.00	6,660.36	126.83	31.60	-58.71	1,664.01	257.75	7,729.16	7,658.57	70.59	109.499					
15,300.00	7,163.32	6,800.00	6,660.36	128.30	31.60	-58.71	1,664.01	257.75	7,828.33	7,757.67	70.66	110.790					
15,400.00	7,162.86	6,800.00	6,660.36	129.77	31.60	-58.71	1,664.01	257.75	7,927.52	7,856.79	70.73	112.078					
15,500.00	7,162.39	6,800.00	6,660.36	131.24	31.60	-58.71	1,664.01	257.75	8,026.73	7,955.93	70.81	113.362					
15,600.00	7,161.93	6,800.00	6,660.36	132.71	31.60	-58.71	1,664.01	257.75	8,125.96	8,055.08	70.88	114.643					
15,700.00	7,161.47	6,800.00	6,660.36	134.19	31.60	-58.71	1,664.01	257.75	8,225.21	8,154.26	70.96	115.920					
15,800.00	7,161.00	6,800.00	6,660.36	135.66	31.60	-58.71	1,664.01	257.75	8,324.48	8,253.45	71.03	117.193					
15,900.00	7,160.54	6,800.00	6,660.36	137.14	31.60	-58.71	1,664.01	257.75	8,423.76	8,352.65	71.11	118.462					
16,000.00	7,160.07	6,800.00	6,660.36	138.61	31.60	-58.71	1,664.01	257.75	8,523.06	8,451.88	71.19	119.728					
16,100.00	7,159.61	6,800.00	6,660.36	140.09	31.60	-58.71	1,664.01	257.75	8,622.38	8,551.11	71.27	120.989					
16,200.00	7,159.14	6,800.00	6,660.36	141.57	31.60	-58.71	1,664.01	257.75	8,721.71	8,650.37	71.34	122.247					
16,300.00	7,158.68	6,800.00	6,660.36	143.05	31.60	-58.71	1,664.01	257.75	8,821.06	8,749.64	71.43	123.501					
16,400.00	7,158.21	6,800.00	6,660.36	144.53	31.60	-58.71	1,664.01	257.75	8,920.42	8,848.92	71.51	124.751					
16,500.00	7,157.75	6,800.00	6,660.36	146.01	31.60	-58.71	1,664.01	257.75	9,019.80	8,948.21	71.59	125.997					
16,600.00	7,157.28	6,800.00	6,660.36	147.49	31.60	-58.71	1,664.01	257.75	9,119.19	9,047.52	71.67	127.239					
16,700.00	7,156.82	6,800.00	6,660.36	148.97	31.60	-58.71	1,664.01	257.75	9,218.59	9,146.84	71.75	128.477					
16,800.00	7,156.35	6,800.00	6,660.36	150.45	31.60	-58.71	1,664.01	257.75	9,318.01	9,246.17	71.84	129.710					
16,900.00	7,155.89	6,800.00	6,660.36	151.94	31.60	-58.71	1,664.01	257.75	9,417.44	9,345.51	71.92	130.940					
17,000.00	7,155.43	6,800.00	6,660.36	153.42	31.60	-58.71	1,664.01	257.75	9,516.88	9,444.87	72.01	132.166					
17,100.00	7,154.96	6,800.00	6,660.36	154.90	31.60	-58.71	1,664.01	257.75	9,616.33	9,544.24	72.09	133.388					
17,200.00	7,154.50	6,800.00	6,660.36	156.39	31.60	-58.71	1,664.01	257.75	9,715.79	9,643.61	72.18	134.605					
17,300.00	7,154.03	6,800.00	6,660.36	157.88	31.60	-58.71	1,664.01	257.75	9,815.27	9,743.00	72.27	135.819					
17,400.00	7,153.57	6,800.00	6,660.36	159.36	31.60	-58.71	1,664.01	257.75	9,914.75	9,842.39	72.36	137.028					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	3.26	1,061.22	60.37	1,063.13					
100.00	100.00	80.00	80.00	3.28	3.28	3.26	1,061.22	60.37	1,062.94	1,056.37	6.57	161.816		
200.00	200.00	180.00	180.00	3.34	3.33	3.26	1,061.22	60.37	1,062.94	1,056.27	6.66	159.498		
300.00	300.00	280.00	280.00	3.44	3.43	3.26	1,061.22	60.37	1,062.94	1,056.06	6.87	154.647		
400.00	400.00	380.00	380.00	3.60	3.59	3.26	1,061.22	60.37	1,062.94	1,055.75	7.18	147.956		
500.00	499.99	479.99	479.99	3.80	3.78	63.30	1,061.22	60.37	1,062.55	1,054.96	7.58	140.140		
600.00	599.96	579.96	579.96	4.03	4.02	63.44	1,061.22	60.37	1,061.37	1,053.32	8.05	131.779		
700.00	699.86	679.86	679.86	4.30	4.29	63.67	1,061.22	60.37	1,059.43	1,050.84	8.59	123.321		
790.00	789.74	769.74	769.74	4.57	4.55	63.89	1,061.22	60.37	1,057.34	1,048.22	9.12	115.946		
800.00	799.73	779.73	779.73	4.60	4.58	60.79	1,061.22	60.37	1,057.10	1,047.92	9.18	115.147		
900.00	899.50	879.50	879.50	4.92	4.90	39.98	1,061.22	60.37	1,052.72	1,042.91	9.82	107.255		
1,000.00	999.05	979.05	979.05	5.26	5.23	30.08	1,061.22	60.37	1,044.91	1,034.42	10.49	99.635		
1,077.14	1,075.61	1,055.61	1,055.61	5.53	5.50	25.74	1,061.22	60.37	1,036.54	1,025.51	11.03	94.005		
1,100.00	1,098.26	1,078.26	1,078.26	5.61	5.58	25.81	1,061.22	60.37	1,033.75	1,022.57	11.19	92.384		
1,200.00	1,197.35	1,177.35	1,177.35	5.98	5.94	26.14	1,061.22	60.37	1,021.61	1,009.70	11.91	85.782		
1,300.00	1,296.44	1,276.44	1,276.44	6.35	6.30	26.48	1,061.22	60.37	1,009.50	996.85	12.65	79.801		
1,400.00	1,395.52	1,375.52	1,375.52	6.73	6.68	26.82	1,061.22	60.37	997.43	984.02	13.41	74.387		
1,500.00	1,494.61	1,474.61	1,474.61	7.12	7.06	27.18	1,061.22	60.37	985.39	971.21	14.18	69.482		
1,600.00	1,593.70	1,573.70	1,573.70	7.52	7.45	27.54	1,061.22	60.37	973.39	958.42	14.97	65.033		
1,700.00	1,692.78	1,672.78	1,672.78	7.93	7.84	27.91	1,061.22	60.37	961.43	945.66	15.76	60.989		
1,800.00	1,791.87	1,771.87	1,771.87	8.33	8.24	28.29	1,061.22	60.37	949.51	932.94	16.57	57.304		
1,900.00	1,890.95	1,870.95	1,870.95	8.75	8.64	28.68	1,061.22	60.37	937.63	920.25	17.38	53.940		
2,000.00	1,990.04	1,970.04	1,970.04	9.16	9.04	29.08	1,061.22	60.37	925.80	907.60	18.20	50.860		
2,100.00	2,089.13	2,069.13	2,069.13	9.58	9.45	29.49	1,061.22	60.37	914.01	894.98	19.03	48.032		
2,200.00	2,188.21	2,168.21	2,168.21	10.01	9.86	29.91	1,061.22	60.37	902.27	882.41	19.86	45.431		
2,300.00	2,287.30	2,267.30	2,267.30	10.43	10.27	30.34	1,061.22	60.37	890.58	869.88	20.70	43.032		
2,400.00	2,386.39	2,366.39	2,366.39	10.86	10.68	30.78	1,061.22	60.37	878.94	857.41	21.54	40.813		
2,500.00	2,485.47	2,465.47	2,465.47	11.29	11.09	31.24	1,061.22	60.37	867.36	844.98	22.38	38.758		
2,600.00	2,584.56	2,564.56	2,564.56	11.72	11.51	31.71	1,061.22	60.37	855.83	832.60	23.23	36.849		
2,700.00	2,683.65	2,663.65	2,663.65	12.15	11.93	32.19	1,061.22	60.37	844.35	820.28	24.07	35.072		
2,800.00	2,782.73	2,762.73	2,762.73	12.58	12.35	32.68	1,061.22	60.37	832.94	808.02	24.93	33.416		
2,900.00	2,881.82	2,861.82	2,861.82	13.02	12.77	33.19	1,061.22	60.37	821.59	795.81	25.78	31.869		
3,000.00	2,980.91	2,960.91	2,960.91	13.45	13.19	33.71	1,061.22	60.37	810.31	783.67	26.64	30.421		
3,100.00	3,079.99	3,059.99	3,059.99	13.89	13.61	34.24	1,061.22	60.37	799.09	771.60	27.49	29.064		
3,200.00	3,179.08	3,159.08	3,159.08	14.33	14.03	34.79	1,061.22	60.37	787.95	759.60	28.35	27.790		
3,300.00	3,278.17	3,258.17	3,258.17	14.76	14.45	35.36	1,061.22	60.37	776.88	747.67	29.22	26.592		
3,400.00	3,377.25	3,357.25	3,357.25	15.20	14.88	35.94	1,061.22	60.37	765.89	735.81	30.08	25.464		
3,500.00	3,476.34	3,456.34	3,456.34	15.64	15.30	36.54	1,061.22	60.37	754.98	724.03	30.94	24.400		
3,600.00	3,575.43	3,555.43	3,555.43	16.08	15.73	37.15	1,061.22	60.37	744.15	712.34	31.81	23.396		
3,700.00	3,674.51	3,654.51	3,654.51	16.53	16.15	37.79	1,061.22	60.37	733.41	700.74	32.67	22.448		
3,800.00	3,773.60	3,753.60	3,753.60	16.97	16.58	38.44	1,061.22	60.37	722.76	689.22	33.54	21.550		
3,900.00	3,872.69	3,852.69	3,852.69	17.41	17.00	39.11	1,061.22	60.37	712.21	677.81	34.41	20.700		
4,000.00	3,971.77	3,951.77	3,951.77	17.85	17.43	39.80	1,061.22	60.37	701.76	666.49	35.28	19.894		
4,100.00	4,070.86	4,050.86	4,050.86	18.29	17.86	40.52	1,061.22	60.37	691.42	655.27	36.14	19.129		
4,200.00	4,169.95	4,149.95	4,149.95	18.74	18.29	41.25	1,061.22	60.37	681.18	644.17	37.01	18.403		
4,300.00	4,269.03	4,249.03	4,249.03	19.18	18.71	42.01	1,061.22	60.37	671.06	633.18	37.88	17.713		
4,400.00	4,368.12	4,348.12	4,348.12	19.63	19.14	42.79	1,061.22	60.37	661.06	622.30	38.76	17.057		
4,500.00	4,467.21	4,447.21	4,447.21	20.07	19.57	43.59	1,061.22	60.37	651.19	611.56	39.63	16.433		
4,600.00	4,566.29	4,546.29	4,546.29	20.52	20.00	44.41	1,061.22	60.37	641.44	600.94	40.50	15.838		
4,700.00	4,665.38	4,645.38	4,645.38	20.96	20.43	45.27	1,061.22	60.37	631.84	590.47	41.37	15.272		
4,800.00	4,764.47	4,744.47	4,744.47	21.41	20.86	46.14	1,061.22	60.37	622.37	580.13	42.24	14.733		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.00	4,863.55	4,843.55	4,843.55	21.85	21.29	47.05	1,061.22	60.37	613.06	569.95	43.12	14.219		
5,000.00	4,962.64	4,942.64	4,942.64	22.30	21.72	47.98	1,061.22	60.37	603.91	559.92	43.99	13.728		
5,100.00	5,061.73	5,041.73	5,041.73	22.74	22.15	48.94	1,061.22	60.37	594.92	550.06	44.86	13.261		
5,200.00	5,160.81	5,140.81	5,140.81	23.19	22.58	49.93	1,061.22	60.37	586.11	540.37	45.74	12.815		
5,300.00	5,259.90	5,239.90	5,239.90	23.64	23.01	50.95	1,061.22	60.37	577.47	530.86	46.61	12.389		
5,400.00	5,358.99	5,338.99	5,338.99	24.08	23.44	52.00	1,061.22	60.37	569.02	521.54	47.48	11.984		
5,500.00	5,458.07	5,438.07	5,438.07	24.53	23.87	53.08	1,061.22	60.37	560.77	512.41	48.36	11.596		
5,600.00	5,557.16	5,537.16	5,537.16	24.98	24.30	54.19	1,061.22	60.37	552.73	503.50	49.23	11.227		
5,700.00	5,656.25	5,636.25	5,636.25	25.42	24.72	55.32	1,061.24	60.39	544.93	494.83	50.10	10.876		
5,800.00	5,755.33	5,735.33	5,735.33	25.87	25.11	56.40	1,061.60	60.79	537.93	486.98	50.95	10.558		
5,900.00	5,854.42	5,834.42	5,834.42	26.32	25.45	57.41	1,063.63	63.05	534.36	482.65	51.71	10.334		
5,934.19	5,888.29	5,830.01	5,829.88	26.47	25.56	57.77	1,064.81	64.36	534.11	482.16	51.95	10.281 CC, ES		
6,000.00	5,953.51	5,881.17	5,880.85	26.77	25.78	58.49	1,067.76	67.66	535.03	482.65	52.38	10.214		
6,100.00	6,052.59	5,958.62	5,957.73	27.21	26.11	59.61	1,073.97	74.58	540.01	487.04	52.96	10.196		
6,200.00	6,151.68	6,035.49	6,033.61	27.66	26.44	60.75	1,082.19	83.74	549.28	495.83	53.44	10.278		
6,300.00	6,250.76	6,111.55	6,108.14	28.11	26.77	61.88	1,092.32	95.03	562.82	508.99	53.83	10.456		
6,400.00	6,349.85	6,186.57	6,181.00	28.56	27.10	62.98	1,104.25	108.32	580.56	526.44	54.12	10.728		
6,500.00	6,448.94	6,260.36	6,251.92	29.01	27.43	64.03	1,117.83	123.46	602.41	548.10	54.32	11.091		
6,589.36	6,537.48	6,325.09	6,313.45	29.41	27.73	64.91	1,131.25	138.41	625.32	570.90	54.42	11.491		
6,600.00	6,548.03	6,332.73	6,320.67	29.45	27.76	65.34	1,132.93	140.28	628.19	573.77	54.43	11.542		
6,650.00	6,597.61	6,368.90	6,354.69	29.67	27.93	25.35	1,141.12	149.41	640.65	586.20	54.45	11.766		
6,700.00	6,647.01	6,405.36	6,388.75	29.89	28.10	2.02	1,149.81	159.10	651.31	596.86	54.46	11.960		
6,750.00	6,695.92	6,441.99	6,422.71	30.10	28.28	-10.74	1,158.98	169.32	660.11	605.67	54.44	12.125		
6,800.00	6,744.04	6,478.66	6,456.43	30.31	28.46	-18.09	1,168.59	180.03	667.02	612.60	54.42	12.257		
6,850.00	6,791.07	6,515.22	6,489.78	30.51	28.64	-22.87	1,178.60	191.19	672.04	617.66	54.38	12.358		
6,900.00	6,836.72	6,551.57	6,522.64	30.71	28.83	-26.35	1,188.98	202.75	675.21	620.87	54.33	12.427		
6,950.00	6,880.71	6,587.57	6,554.89	30.90	29.02	-29.18	1,199.66	214.66	676.57	622.29	54.28	12.464		
7,000.00	6,922.77	6,625.98	6,634.61	31.08	29.49	-33.27	1,227.18	241.01	675.00	618.77	56.23	12.004		
7,050.00	6,962.63	7,173.07	7,061.27	31.27	31.30	-70.79	1,371.03	101.76	655.47	594.85	60.62	10.812		
7,100.00	7,000.07	7,169.30	7,058.92	31.44	31.29	-73.61	1,370.28	104.61	633.21	571.68	61.53	10.291		
7,150.00	7,034.83	7,150.00	7,042.00	31.62	31.26	-73.67	1,364.83	123.66	613.78	551.42	62.36	9.843		
7,200.00	7,066.72	7,140.29	7,040.12	31.79	31.24	-75.54	1,364.22	125.86	597.50	534.69	62.81	9.513		
7,250.00	7,095.52	7,124.02	7,029.02	31.96	31.21	-75.63	1,360.62	137.19	584.48	521.42	63.06	9.269		
7,300.00	7,121.07	7,107.41	7,017.28	32.13	31.17	-75.26	1,356.80	148.30	574.88	511.82	63.06	9.116		
7,350.00	7,143.21	7,090.62	7,005.03	32.30	31.14	-74.48	1,352.80	159.06	568.76	505.92	62.84	9.050 SF		
7,400.00	7,161.80	7,073.73	6,992.32	32.47	31.10	-73.31	1,348.63	169.38	566.10	503.64	62.46	9.063		
7,414.24	7,166.43	7,068.90	6,988.63	32.52	31.08	-72.92	1,347.41	172.23	565.97	503.64	62.33	9.080		
7,450.00	7,176.72	7,056.78	6,979.21	32.64	31.05	-71.81	1,344.31	179.20	566.81	504.83	61.98	9.145		
7,500.00	7,187.89	7,039.80	6,965.73	32.82	31.01	-69.99	1,339.85	188.51	570.69	509.22	61.46	9.285		
7,550.00	7,195.23	7,022.81	6,951.91	32.99	30.96	-67.90	1,335.27	197.27	577.49	516.51	60.98	9.470		
7,600.00	7,198.70	7,005.82	6,937.78	33.17	30.91	-65.57	1,330.58	205.46	586.93	526.34	60.59	9.687		
7,622.60	7,199.00	6,998.13	6,931.30	33.25	30.89	-64.45	1,328.42	208.98	591.97	531.51	60.45	9.793		
7,700.00	7,198.64	6,975.00	6,911.46	33.54	30.82	-62.39	1,321.79	218.84	613.95	553.78	60.17	10.204		
7,800.00	7,198.17	6,950.00	6,889.50	33.98	30.73	-60.14	1,314.42	228.24	653.46	593.40	60.07	10.879		
7,900.00	7,197.71	6,932.28	6,873.65	34.47	30.67	-58.54	1,309.09	234.10	703.98	643.69	60.29	11.677		
8,000.00	7,197.24	6,917.49	6,860.26	35.03	30.62	-57.20	1,304.58	238.47	763.62	703.01	60.61	12.599		
8,100.00	7,196.78	6,900.00	6,844.27	35.64	30.55	-55.62	1,299.17	243.03	830.63	769.82	60.81	13.659		
8,200.00	7,196.31	6,900.00	6,844.27	36.30	30.55	-55.62	1,299.17	243.03	903.40	841.96	61.44	14.705		
8,300.00	7,195.85	6,887.04	6,832.31	37.01	30.50	-54.46	1,295.12	245.98	980.74	919.10	61.63	15.912		
8,400.00	7,195.38	6,875.00	6,821.14	37.77	30.45	-53.38	1,291.33	248.38	1,061.77	999.96	61.81	17.178		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,500.00	7,194.92	6,875.00	6,821.14	38.57	30.45	-53.38	1,291.33	248.38	1,145.62	1,083.45	62.17	18.427			
8,600.00	7,194.46	6,875.00	6,821.14	39.41	30.45	-53.38	1,291.33	248.38	1,231.89	1,169.43	62.46	19.722			
8,700.00	7,193.99	6,863.55	6,810.47	40.30	30.40	-52.36	1,287.71	250.36	1,319.91	1,257.39	62.52	21.112			
8,800.00	7,193.53	6,859.36	6,806.55	41.22	30.38	-51.99	1,286.37	251.01	1,409.54	1,346.87	62.67	22.493			
8,900.00	7,193.06	6,850.00	6,797.77	42.17	30.34	-51.17	1,283.38	252.33	1,500.48	1,437.76	62.72	23.925			
9,000.00	7,192.60	6,850.00	6,797.77	43.16	30.34	-51.17	1,283.38	252.33	1,592.39	1,529.52	62.87	25.327			
9,100.00	7,192.13	6,850.00	6,797.77	44.17	30.34	-51.17	1,283.38	252.33	1,685.23	1,622.23	63.01	26.747			
9,200.00	7,191.67	6,850.00	6,797.77	45.22	30.34	-51.17	1,283.38	252.33	1,778.85	1,715.73	63.12	28.181			
9,300.00	7,191.20	6,850.00	6,797.77	46.29	30.34	-51.17	1,283.38	252.33	1,873.12	1,809.90	63.22	29.628			
9,400.00	7,190.74	6,850.00	6,797.77	47.38	30.34	-51.17	1,283.38	252.33	1,967.97	1,904.65	63.31	31.085			
9,500.00	7,190.27	6,839.63	6,788.03	48.50	30.30	-50.27	1,280.06	253.56	2,063.15	1,999.86	63.29	32.599			
9,600.00	7,189.81	6,837.71	6,786.22	49.64	30.29	-50.10	1,279.44	253.76	2,158.84	2,095.50	63.35	34.080			
9,700.00	7,189.34	6,835.92	6,784.54	50.80	30.28	-49.94	1,278.87	253.94	2,254.90	2,191.50	63.40	35.566			
9,800.00	7,188.88	6,825.00	6,774.24	51.98	30.24	-49.00	1,275.35	254.88	2,351.40	2,288.02	63.37	37.105			
9,900.00	7,188.41	6,825.00	6,774.24	53.17	30.24	-49.00	1,275.35	254.88	2,448.03	2,384.59	63.44	38.591			
10,000.00	7,187.95	6,825.00	6,774.24	54.38	30.24	-49.00	1,275.35	254.88	2,544.91	2,481.42	63.50	40.080			
10,100.00	7,187.49	6,825.00	6,774.24	55.61	30.24	-49.00	1,275.35	254.88	2,642.04	2,578.48	63.55	41.572			
10,200.00	7,187.02	6,825.00	6,774.24	56.85	30.24	-49.00	1,275.35	254.88	2,739.37	2,675.76	63.61	43.066			
10,300.00	7,186.56	6,825.00	6,774.24	58.10	30.24	-49.00	1,275.35	254.88	2,836.88	2,773.22	63.66	44.562			
10,400.00	7,186.09	6,825.00	6,774.24	59.37	30.24	-49.00	1,275.35	254.88	2,934.56	2,870.85	63.71	46.059			
10,500.00	7,185.63	6,825.00	6,774.24	60.64	30.24	-49.00	1,275.35	254.88	3,032.40	2,968.63	63.76	47.557			
10,600.00	7,185.16	6,825.00	6,774.24	61.93	30.24	-49.00	1,275.35	254.88	3,130.37	3,066.55	63.81	49.055			
10,700.00	7,184.70	6,825.00	6,774.24	63.23	30.24	-49.00	1,275.35	254.88	3,228.46	3,164.60	63.86	50.553			
10,800.00	7,184.23	6,825.00	6,774.24	64.54	30.24	-49.00	1,275.35	254.88	3,326.67	3,262.76	63.91	52.051			
10,900.00	7,183.77	6,825.00	6,774.24	65.85	30.24	-49.00	1,275.35	254.88	3,424.98	3,361.02	63.96	53.549			
11,000.00	7,183.30	6,825.00	6,774.24	67.18	30.24	-49.00	1,275.35	254.88	3,523.39	3,459.38	64.01	55.046			
11,100.00	7,182.84	6,825.00	6,774.24	68.51	30.24	-49.00	1,275.35	254.88	3,621.88	3,557.82	64.06	56.542			
11,200.00	7,182.37	6,825.00	6,774.24	69.85	30.24	-49.00	1,275.35	254.88	3,720.45	3,656.35	64.11	58.036			
11,300.00	7,181.91	6,825.00	6,774.24	71.20	30.24	-49.00	1,275.35	254.88	3,819.10	3,754.95	64.15	59.530			
11,400.00	7,181.45	6,825.00	6,774.24	72.56	30.24	-49.00	1,275.35	254.88	3,917.82	3,853.62	64.20	61.022			
11,500.00	7,180.98	6,825.00	6,774.24	73.92	30.24	-49.00	1,275.35	254.88	4,016.60	3,952.35	64.25	62.512			
11,600.00	7,180.52	6,825.00	6,774.24	75.29	30.24	-49.00	1,275.35	254.88	4,115.44	4,051.14	64.30	64.000			
11,700.00	7,180.05	6,825.00	6,774.24	76.66	30.24	-49.00	1,275.35	254.88	4,214.33	4,149.98	64.35	65.486			
11,800.00	7,179.59	6,825.00	6,774.24	78.04	30.24	-49.00	1,275.35	254.88	4,313.28	4,248.87	64.41	66.970			
11,900.00	7,179.12	6,825.00	6,774.24	79.42	30.24	-49.00	1,275.35	254.88	4,412.27	4,347.81	64.46	68.452			
12,000.00	7,178.66	6,825.00	6,774.24	80.81	30.24	-49.00	1,275.35	254.88	4,511.31	4,446.80	64.51	69.931			
12,100.00	7,178.19	6,825.00	6,774.24	82.20	30.24	-49.00	1,275.35	254.88	4,610.39	4,545.82	64.56	71.408			
12,200.00	7,177.73	6,825.00	6,774.24	83.60	30.24	-49.00	1,275.35	254.88	4,709.51	4,644.89	64.62	72.882			
12,300.00	7,177.26	6,813.54	6,763.42	85.00	30.18	-48.03	1,271.65	255.57	4,808.50	4,743.89	64.60	74.330			
12,400.00	7,176.80	6,813.12	6,763.02	86.41	30.18	-47.99	1,271.52	255.59	4,907.67	4,843.02	64.66	75.902			
12,500.00	7,176.33	6,812.71	6,762.63	87.82	30.18	-47.96	1,271.38	255.61	5,006.88	4,942.17	64.71	77.372			
12,600.00	7,175.87	6,812.32	6,762.26	89.23	30.18	-47.92	1,271.26	255.63	5,106.12	5,041.36	64.77	78.838			
12,700.00	7,175.40	6,811.94	6,761.90	90.65	30.18	-47.89	1,271.13	255.65	5,205.39	5,140.57	64.82	80.301			
12,800.00	7,174.94	6,811.57	6,761.55	92.07	30.17	-47.86	1,271.01	255.66	5,304.69	5,239.81	64.88	81.761			
12,900.00	7,174.48	6,800.00	6,750.61	93.49	30.12	-46.89	1,267.27	256.01	5,404.16	5,339.29	64.87	83.304			
13,000.00	7,174.01	6,800.00	6,750.61	94.91	30.12	-46.89	1,267.27	256.01	5,503.50	5,438.56	64.93	84.755			
13,100.00	7,173.55	6,800.00	6,750.61	96.34	30.12	-46.89	1,267.27	256.01	5,602.86	5,537.86	65.00	86.203			
13,200.00	7,173.08	6,800.00	6,750.61	97.77	30.12	-46.89	1,267.27	256.01	5,702.24	5,637.18	65.06	87.648			
13,300.00	7,172.62	6,800.00	6,750.61	99.21	30.12	-46.89	1,267.27	256.01	5,801.64	5,736.52	65.12	89.089			
13,400.00	7,172.15	6,800.00	6,750.61	100.64	30.12	-46.89	1,267.27	256.01	5,901.07	5,835.88	65.19	90.526			
13,500.00	7,171.69	6,800.00	6,750.61	102.08	30.12	-46.89	1,267.27	256.01	6,000.51	5,935.26	65.25	91.960			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-022HC - OH - PLAN #1		Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
13,600.00	7,171.22	6,800.00	6,750.61	103.52	30.12	-46.89	1,267.27	256.01	6,099.97	6,034.65	65.32	93.390				
13,700.00	7,170.76	6,800.00	6,750.61	104.97	30.12	-46.89	1,267.27	256.01	6,199.45	6,134.06	65.38	94.816				
13,800.00	7,170.29	6,800.00	6,750.61	106.41	30.12	-46.89	1,267.27	256.01	6,298.94	6,233.49	65.45	96.238				
13,900.00	7,169.83	6,800.00	6,750.61	107.86	30.12	-46.89	1,267.27	256.01	6,398.45	6,332.93	65.52	97.657				
14,000.00	7,169.36	6,800.00	6,750.61	109.31	30.12	-46.89	1,267.27	256.01	6,497.98	6,432.39	65.59	99.071				
14,100.00	7,168.90	6,800.00	6,750.61	110.76	30.12	-46.89	1,267.27	256.01	6,597.52	6,531.86	65.66	100.481				
14,200.00	7,168.44	6,800.00	6,750.61	112.21	30.12	-46.89	1,267.27	256.01	6,697.07	6,631.34	65.73	101.888				
14,300.00	7,167.97	6,800.00	6,750.61	113.67	30.12	-46.89	1,267.27	256.01	6,796.64	6,730.84	65.80	103.290				
14,400.00	7,167.51	6,800.00	6,750.61	115.12	30.12	-46.89	1,267.27	256.01	6,896.22	6,830.34	65.87	104.688				
14,500.00	7,167.04	6,800.00	6,750.61	116.58	30.12	-46.89	1,267.27	256.01	6,995.81	6,929.86	65.95	106.082				
14,600.00	7,166.58	6,800.00	6,750.61	118.04	30.12	-46.89	1,267.27	256.01	7,095.41	7,029.39	66.02	107.471				
14,700.00	7,166.11	6,800.00	6,750.61	119.50	30.12	-46.89	1,267.27	256.01	7,195.02	7,128.93	66.10	108.856				
14,800.00	7,165.65	6,800.00	6,750.61	120.97	30.12	-46.89	1,267.27	256.01	7,294.65	7,228.48	66.17	110.237				
14,900.00	7,165.18	6,800.00	6,750.61	122.43	30.12	-46.89	1,267.27	256.01	7,394.28	7,328.03	66.25	111.614				
15,000.00	7,164.72	6,800.00	6,750.61	123.90	30.12	-46.89	1,267.27	256.01	7,493.93	7,427.60	66.33	112.986				
15,100.00	7,164.25	6,800.00	6,750.61	125.36	30.12	-46.89	1,267.27	256.01	7,593.58	7,527.18	66.40	114.354				
15,200.00	7,163.79	6,800.00	6,750.61	126.83	30.12	-46.89	1,267.27	256.01	7,693.24	7,626.76	66.48	115.717				
15,300.00	7,163.32	6,800.00	6,750.61	128.30	30.12	-46.89	1,267.27	256.01	7,792.91	7,726.35	66.56	117.075				
15,400.00	7,162.86	6,800.00	6,750.61	129.77	30.12	-46.89	1,267.27	256.01	7,892.59	7,825.95	66.64	118.430				
15,500.00	7,162.39	6,800.00	6,750.61	131.24	30.12	-46.89	1,267.27	256.01	7,992.28	7,925.55	66.73	119.779				
15,600.00	7,161.93	6,800.00	6,750.61	132.71	30.12	-46.89	1,267.27	256.01	8,091.98	8,025.17	66.81	121.124				
15,700.00	7,161.47	6,800.00	6,750.61	134.19	30.12	-46.89	1,267.27	256.01	8,191.68	8,124.79	66.89	122.465				
15,800.00	7,161.00	6,800.00	6,750.61	135.66	30.12	-46.89	1,267.27	256.01	8,291.39	8,224.41	66.97	123.800				
15,900.00	7,160.54	6,800.00	6,750.61	137.14	30.12	-46.89	1,267.27	256.01	8,391.10	8,324.05	67.06	125.131				
16,000.00	7,160.07	6,800.00	6,750.61	138.61	30.12	-46.89	1,267.27	256.01	8,490.83	8,423.68	67.14	126.458				
16,100.00	7,159.61	6,800.00	6,750.61	140.09	30.12	-46.89	1,267.27	256.01	8,590.56	8,523.33	67.23	127.779				
16,200.00	7,159.14	6,800.00	6,750.61	141.57	30.12	-46.89	1,267.27	256.01	8,690.29	8,622.98	67.32	129.096				
16,300.00	7,158.68	6,800.00	6,750.61	143.05	30.12	-46.89	1,267.27	256.01	8,790.04	8,722.63	67.40	130.409				
16,400.00	7,158.21	6,800.00	6,750.61	144.53	30.12	-46.89	1,267.27	256.01	8,889.78	8,822.29	67.49	131.716				
16,500.00	7,157.75	6,800.00	6,750.61	146.01	30.12	-46.89	1,267.27	256.01	8,989.54	8,921.96	67.58	133.019				
16,600.00	7,157.28	6,800.00	6,750.61	147.49	30.12	-46.89	1,267.27	256.01	9,089.30	9,021.62	67.67	134.316				
16,700.00	7,156.82	6,800.00	6,750.61	148.97	30.12	-46.89	1,267.27	256.01	9,189.06	9,121.30	67.76	135.609				
16,800.00	7,156.35	6,800.00	6,750.61	150.45	30.12	-46.89	1,267.27	256.01	9,288.83	9,220.98	67.85	136.897				
16,900.00	7,155.89	6,800.00	6,750.61	151.94	30.12	-46.89	1,267.27	256.01	9,388.60	9,320.66	67.94	138.181				
17,000.00	7,155.43	6,800.00	6,750.61	153.42	30.12	-46.89	1,267.27	256.01	9,488.38	9,420.34	68.04	139.459				
17,100.00	7,154.96	6,800.00	6,750.61	154.90	30.12	-46.89	1,267.27	256.01	9,588.16	9,520.03	68.13	140.733				
17,200.00	7,154.50	6,800.00	6,750.61	156.39	30.12	-46.89	1,267.27	256.01	9,687.95	9,619.73	68.22	142.001				
17,300.00	7,154.03	6,800.00	6,750.61	157.88	30.12	-46.89	1,267.27	256.01	9,787.74	9,719.43	68.32	143.265				
17,400.00	7,153.57	6,800.00	6,750.61	159.36	30.12	-46.89	1,267.27	256.01	9,887.54	9,819.13	68.41	144.524				
17,500.00	7,153.10	6,800.00	6,750.61	160.85	30.12	-46.89	1,267.27	256.01	9,987.34	9,918.83	68.51	145.778				



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	3.17	1,090.73	60.37	1,092.57					
100.00	100.00	80.40	80.40	3.28	3.28	3.17	1,090.73	60.37	1,092.40	1,085.83	6.57	166.299		
200.00	200.00	180.40	180.40	3.34	3.33	3.17	1,090.73	60.37	1,092.40	1,085.73	6.66	163.911		
300.00	300.00	280.40	280.40	3.44	3.43	3.17	1,090.73	60.37	1,092.40	1,085.52	6.87	158.921		
400.00	400.00	380.40	380.40	3.60	3.59	3.17	1,090.73	60.37	1,092.40	1,085.21	7.18	152.041		
500.00	499.99	480.39	480.39	3.80	3.78	63.21	1,090.73	60.37	1,092.00	1,084.42	7.58	144.009		
600.00	599.96	580.36	580.36	4.03	4.02	63.35	1,090.73	60.37	1,090.82	1,082.77	8.06	135.418		
700.00	699.86	680.26	680.26	4.30	4.29	63.57	1,090.73	60.37	1,088.87	1,080.28	8.59	126.732		
790.00	789.74	770.14	770.14	4.57	4.55	63.79	1,090.73	60.37	1,086.78	1,077.66	9.12	119.158		
800.00	799.73	780.13	780.13	4.60	4.58	60.68	1,090.73	60.37	1,086.53	1,077.35	9.18	118.338		
900.00	899.50	879.90	879.90	4.92	4.90	39.86	1,090.73	60.37	1,082.15	1,072.33	9.82	110.239		
1,000.00	999.05	979.45	979.45	5.26	5.23	29.96	1,090.73	60.37	1,074.32	1,063.84	10.49	102.427		
1,077.14	1,075.61	1,056.01	1,056.01	5.53	5.50	25.61	1,090.73	60.37	1,065.94	1,054.92	11.03	96.659		
1,100.00	1,098.26	1,078.66	1,078.66	5.61	5.58	25.68	1,090.73	60.37	1,063.16	1,051.97	11.19	94.999		
1,200.00	1,197.35	1,177.75	1,177.75	5.98	5.94	26.00	1,090.73	60.37	1,051.00	1,039.09	11.91	88.239		
1,300.00	1,296.44	1,276.84	1,276.84	6.35	6.30	26.32	1,090.73	60.37	1,038.88	1,026.23	12.65	82.113		
1,400.00	1,395.52	1,375.92	1,375.92	6.73	6.68	26.66	1,090.73	60.37	1,026.79	1,013.38	13.41	76.567		
1,500.00	1,494.61	1,475.01	1,475.01	7.12	7.06	27.00	1,090.73	60.37	1,014.73	1,000.55	14.18	71.543		
1,600.00	1,593.70	1,574.10	1,574.10	7.52	7.45	27.35	1,090.73	60.37	1,002.71	987.74	14.97	66.984		
1,700.00	1,692.78	1,673.18	1,673.18	7.93	7.84	27.71	1,090.73	60.37	990.73	974.96	15.77	62.841		
1,800.00	1,791.87	1,772.27	1,772.27	8.33	8.24	28.07	1,090.73	60.37	978.79	962.22	16.57	59.065		
1,900.00	1,890.95	1,871.35	1,871.35	8.75	8.64	28.45	1,090.73	60.37	966.88	949.50	17.38	55.617		
2,000.00	1,990.04	1,970.44	1,970.44	9.16	9.04	28.83	1,090.73	60.37	955.02	936.82	18.20	52.460		
2,100.00	2,089.13	2,069.53	2,069.53	9.58	9.45	29.23	1,090.73	60.37	943.21	924.18	19.03	49.562		
2,200.00	2,188.21	2,168.61	2,168.61	10.01	9.86	29.63	1,090.73	60.37	931.44	911.57	19.86	46.895		
2,300.00	2,287.30	2,267.70	2,267.70	10.43	10.27	30.04	1,090.73	60.37	919.71	899.01	20.70	44.435		
2,400.00	2,386.39	2,366.79	2,366.79	10.86	10.68	30.47	1,090.73	60.37	908.04	886.50	21.54	42.161		
2,500.00	2,485.47	2,465.87	2,465.87	11.29	11.10	30.91	1,090.73	60.37	896.41	874.03	22.38	40.053		
2,600.00	2,584.56	2,564.96	2,564.96	11.72	11.51	31.35	1,090.73	60.37	884.84	861.61	23.23	38.095		
2,700.00	2,683.65	2,664.05	2,664.05	12.15	11.93	31.81	1,090.73	60.37	873.32	849.25	24.08	36.273		
2,800.00	2,782.73	2,763.13	2,763.13	12.58	12.35	32.28	1,090.73	60.37	861.86	836.94	24.93	34.574		
2,900.00	2,881.82	2,862.22	2,862.22	13.02	12.77	32.77	1,090.73	60.37	850.46	824.68	25.78	32.986		
3,000.00	2,980.91	2,961.31	2,961.31	13.45	13.19	33.26	1,090.73	60.37	839.13	812.49	26.64	31.501		
3,100.00	3,079.99	3,060.39	3,060.39	13.89	13.61	33.77	1,090.73	60.37	827.85	800.36	27.50	30.108		
3,200.00	3,179.08	3,159.48	3,159.48	14.33	14.03	34.30	1,090.73	60.37	816.65	788.29	28.36	28.800		
3,300.00	3,278.17	3,258.57	3,258.57	14.76	14.46	34.84	1,090.73	60.37	805.51	776.29	29.22	27.570		
3,400.00	3,377.25	3,357.65	3,357.65	15.20	14.88	35.39	1,090.73	60.37	794.44	764.36	30.08	26.411		
3,500.00	3,476.34	3,456.74	3,456.74	15.64	15.30	35.96	1,090.73	60.37	783.46	752.51	30.94	25.319		
3,600.00	3,575.43	3,555.83	3,555.83	16.08	15.73	36.55	1,090.73	60.37	772.55	740.74	31.81	24.288		
3,700.00	3,674.51	3,654.91	3,654.91	16.53	16.15	37.15	1,090.73	60.37	761.72	729.05	32.67	23.312		
3,800.00	3,773.60	3,754.00	3,754.00	16.97	16.58	37.77	1,090.73	60.37	750.98	717.44	33.54	22.390		
3,900.00	3,872.69	3,853.09	3,853.09	17.41	17.01	38.40	1,090.73	60.37	740.33	705.92	34.41	21.515		
4,000.00	3,971.77	3,952.17	3,952.17	17.85	17.43	39.06	1,090.73	60.37	729.77	694.49	35.28	20.686		
4,100.00	4,070.86	4,051.26	4,051.26	18.29	17.86	39.73	1,090.73	60.37	719.31	683.16	36.15	19.900		
4,200.00	4,169.95	4,150.35	4,150.35	18.74	18.29	40.43	1,090.73	60.37	708.95	671.94	37.02	19.152		
4,300.00	4,269.03	4,249.43	4,249.43	19.18	18.72	41.14	1,090.73	60.37	698.70	660.82	37.89	18.442		
4,400.00	4,368.12	4,348.52	4,348.52	19.63	19.14	41.88	1,090.73	60.37	688.56	649.81	38.76	17.765		
4,500.00	4,467.21	4,447.61	4,447.61	20.07	19.57	42.63	1,090.73	60.37	678.54	638.91	39.63	17.122		
4,600.00	4,566.29	4,546.69	4,546.69	20.52	20.00	43.41	1,090.73	60.37	668.64	628.14	40.50	16.509		
4,700.00	4,665.38	4,645.78	4,645.78	20.96	20.43	44.22	1,090.73	60.37	658.87	617.49	41.37	15.924		
4,800.00	4,764.47	4,744.87	4,744.87	21.41	20.86	45.04	1,090.73	60.37	649.23	606.98	42.25	15.367		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - LEFFLER FE 20-022HN - OH - PLAN #1												Offset Site Error:	0.00 ft
Survey Program: 0-MWD												Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
4,900.00	4,863.55	4,843.95	4,843.95	21.85	21.29	45.89	1,090.73	60.37	639.73	596.61	43.12	14.836	
5,000.00	4,962.64	4,943.04	4,943.04	22.30	21.72	46.77	1,090.73	60.37	630.37	586.38	43.99	14.329	
5,100.00	5,061.73	5,042.13	5,042.13	22.74	22.15	47.67	1,090.73	60.37	621.17	576.30	44.87	13.844	
5,200.00	5,160.81	5,141.21	5,141.21	23.19	22.58	48.60	1,090.73	60.37	612.12	566.38	45.74	13.382	
5,300.00	5,259.90	5,240.30	5,240.30	23.64	23.01	49.56	1,090.73	60.37	603.24	556.63	46.62	12.941	
5,400.00	5,358.99	5,339.39	5,339.39	24.08	23.44	50.54	1,090.73	60.37	594.53	547.05	47.49	12.519	
5,500.00	5,458.07	5,431.71	5,431.71	24.53	23.84	51.48	1,090.87	60.48	586.23	537.88	48.35	12.125	
5,600.00	5,557.16	5,512.61	5,512.58	24.98	24.19	52.35	1,092.59	61.78	580.53	531.38	49.15	11.811	
5,695.00	5,651.29	5,585.08	5,584.90	25.40	24.50	53.16	1,096.18	64.50	578.65	528.82	49.83	11.611	CC
5,700.00	5,656.25	5,588.90	5,588.71	25.42	24.52	53.21	1,096.43	64.69	578.66	528.79	49.87	11.604	ES
5,800.00	5,755.33	5,665.12	5,664.52	25.87	24.85	54.08	1,102.68	69.43	580.96	530.46	50.50	11.504	SF
5,900.00	5,854.42	5,741.03	5,739.65	26.32	25.17	54.96	1,111.30	75.97	587.44	536.40	51.04	11.509	
6,000.00	5,953.51	5,816.39	5,813.75	26.77	25.50	55.83	1,122.20	84.23	598.07	546.57	51.50	11.613	
6,100.00	6,052.59	5,890.98	5,886.51	27.21	25.82	56.66	1,135.28	94.15	612.80	560.93	51.87	11.814	
6,200.00	6,151.68	5,964.59	5,957.63	27.66	26.14	57.45	1,150.40	105.61	631.54	579.39	52.15	12.109	
6,300.00	6,250.76	6,037.02	6,026.85	28.11	26.47	58.19	1,167.39	118.49	654.19	601.84	52.36	12.495	
6,400.00	6,349.85	6,108.10	6,093.94	28.56	26.79	58.87	1,186.09	132.67	680.63	628.15	52.49	12.968	
6,500.00	6,448.94	6,177.67	6,158.72	29.01	27.12	59.48	1,206.30	148.00	710.73	658.19	52.54	13.527	
6,589.36	6,537.48	6,238.46	6,214.53	29.41	27.42	59.98	1,225.49	162.55	740.60	688.06	52.54	14.097	
6,600.00	6,548.03	6,245.63	6,221.06	29.45	27.46	53.44	1,227.85	164.33	744.29	691.75	52.53	14.168	
6,650.00	6,597.61	6,279.50	6,251.76	29.67	27.63	20.62	1,239.25	172.98	760.67	708.17	52.50	14.488	
6,700.00	6,647.01	6,313.59	6,282.39	29.89	27.80	-2.52	1,251.15	182.00	775.44	722.99	52.45	14.784	
6,750.00	6,695.92	6,347.73	6,312.82	30.10	27.99	-15.09	1,263.51	191.37	788.55	736.16	52.39	15.052	
6,800.00	6,744.04	6,381.81	6,342.89	30.31	28.17	-22.23	1,276.28	201.05	799.96	747.65	52.31	15.293	
6,850.00	6,791.07	6,417.98	6,374.51	30.51	28.37	-26.81	1,290.27	211.66	809.65	757.35	52.30	15.480	
6,900.00	6,836.72	6,454.07	6,416.81	30.71	28.57	-31.39	1,304.30	222.27	819.34	766.94	52.28	15.667	
6,950.00	6,880.71	6,490.16	6,453.50	30.90	28.76	-36.00	1,318.37	232.88	828.93	776.43	52.26	15.854	
7,000.00	6,922.77	6,526.25	6,490.22	31.08	28.95	-40.61	1,332.40	243.49	838.52	785.92	52.24	16.041	
7,050.00	6,962.63	6,562.34	6,526.33	31.27	29.14	-45.22	1,346.43	254.10	848.11	795.41	52.22	16.228	
7,100.00	7,000.07	6,598.43	6,562.42	31.44	29.33	-49.83	1,360.46	264.71	857.70	804.90	52.20	16.415	
7,150.00	7,034.83	6,634.52	6,598.51	31.62	29.52	-54.44	1,374.49	275.32	867.29	814.39	52.18	16.602	
7,200.00	7,066.72	6,670.61	6,634.60	31.79	29.71	-59.05	1,388.52	285.93	876.88	823.88	52.16	16.789	
7,250.00	7,095.52	6,706.70	6,670.69	31.96	29.90	-63.66	1,402.55	296.54	886.47	833.37	52.14	16.976	
7,300.00	7,121.07	6,742.79	6,706.78	32.13	30.09	-68.27	1,416.58	307.15	896.06	842.86	52.12	17.163	
7,300.07	7,121.11	6,742.83	6,706.82	32.13	30.02	-69.63	1,519.17	114.47	761.04	699.76	61.28	12.419	
7,350.00	7,143.21	6,764.87	6,730.86	32.30	30.97	-68.24	1,512.68	131.06	761.98	701.34	60.64	12.566	
7,400.00	7,161.80	6,786.92	6,752.91	32.47	30.91	-66.74	1,506.23	145.93	764.74	704.76	59.98	12.750	
7,450.00	7,176.72	6,944.65	6,825.58	32.64	30.86	-65.12	1,499.76	159.40	769.16	709.82	59.34	12.962	
7,500.00	7,187.89	6,924.67	6,811.23	32.82	30.81	-63.40	1,493.26	171.69	775.08	716.31	58.76	13.190	
7,550.00	7,195.23	6,905.22	6,796.80	32.99	30.75	-61.58	1,486.71	182.96	782.32	724.05	58.28	13.424	
7,600.00	7,198.70	6,886.21	6,782.28	33.17	30.69	-59.69	1,480.09	193.29	790.71	732.80	57.91	13.655	
7,622.60	7,199.00	6,877.73	6,775.68	33.25	30.66	-58.81	1,477.07	197.67	794.83	737.04	57.78	13.756	
7,700.00	7,198.64	6,850.00	6,753.58	33.54	30.57	-57.05	1,466.96	211.01	812.17	754.69	57.48	14.130	
7,800.00	7,198.17	6,825.00	6,733.05	33.98	30.48	-55.42	1,457.53	221.71	843.18	785.62	57.56	14.649	
7,900.00	7,197.71	6,800.00	6,712.01	34.47	30.39	-53.77	1,447.85	231.11	883.39	825.67	57.73	15.303	
8,000.00	7,197.24	6,787.35	6,701.19	35.03	30.34	-52.93	1,442.85	235.36	931.87	873.53	58.35	15.971	
8,100.00	7,196.78	6,775.00	6,690.53	35.64	30.29	-52.11	1,437.93	239.18	987.64	928.69	58.95	16.754	
8,200.00	7,196.31	6,762.12	6,679.31	36.30	30.23	-51.24	1,432.74	242.81	1,049.63	990.15	59.48	17.647	
8,300.00	7,195.85	6,750.00	6,668.68	37.01	30.18	-50.43	1,427.81	245.90	1,116.90	1,056.94	59.96	18.627	
8,400.00	7,195.38	6,750.00	6,668.68	37.77	30.18	-50.43	1,427.81	245.90	1,188.63	1,127.96	60.67	19.593	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,500.00	7,194.92	6,737.05	6,657.24	38.57	30.12	-49.57	1,422.50	248.84	1,263.98	1,203.01	60.98	20.729			
8,600.00	7,194.46	6,725.00	6,646.53	39.41	30.07	-48.76	1,417.53	251.24	1,342.54	1,281.29	61.25	21.918			
8,700.00	7,193.99	6,725.00	6,646.53	40.30	30.07	-48.76	1,417.53	251.24	1,423.62	1,361.91	61.71	23.069			
8,800.00	7,193.53	6,725.00	6,646.53	41.22	30.07	-48.76	1,417.53	251.24	1,506.97	1,444.88	62.10	24.268			
8,900.00	7,193.06	6,725.00	6,646.53	42.17	30.07	-48.76	1,417.53	251.24	1,592.25	1,529.82	62.43	25.506			
9,000.00	7,192.60	6,712.29	6,635.18	43.16	30.01	-47.91	1,412.25	253.43	1,678.94	1,616.43	62.51	26.859			
9,100.00	7,192.13	6,700.00	6,624.15	44.17	29.95	-47.10	1,407.12	255.19	1,767.19	1,704.61	62.58	28.239			
9,200.00	7,191.67	6,700.00	6,624.15	45.22	29.95	-47.10	1,407.12	255.19	1,856.46	1,793.65	62.81	29.559			
9,300.00	7,191.20	6,700.00	6,624.15	46.29	29.95	-47.10	1,407.12	255.19	1,946.77	1,883.77	63.00	30.899			
9,400.00	7,190.74	6,700.00	6,624.15	47.38	29.95	-47.10	1,407.12	255.19	2,037.99	1,974.81	63.18	32.258			
9,500.00	7,190.27	6,700.00	6,624.15	48.50	29.95	-47.10	1,407.12	255.19	2,129.99	2,066.66	63.33	33.633			
9,600.00	7,189.81	6,700.00	6,624.15	49.64	29.95	-47.10	1,407.12	255.19	2,222.69	2,159.22	63.47	35.021			
9,700.00	7,189.34	6,700.00	6,624.15	50.80	29.95	-47.10	1,407.12	255.19	2,315.99	2,252.40	63.59	36.421			
9,800.00	7,188.88	6,700.00	6,624.15	51.98	29.95	-47.10	1,407.12	255.19	2,409.84	2,346.13	63.70	37.831			
9,900.00	7,188.41	6,689.66	6,614.85	53.17	29.90	-46.41	1,402.78	256.42	2,504.02	2,440.32	63.69	39.314			
10,000.00	7,187.95	6,688.00	6,613.35	54.38	29.89	-46.31	1,402.08	256.59	2,598.71	2,534.94	63.77	40.750			
10,100.00	7,187.49	6,686.45	6,611.96	55.61	29.88	-46.20	1,401.43	256.75	2,693.79	2,629.94	63.85	42.192			
10,200.00	7,187.02	6,675.00	6,601.62	56.85	29.83	-45.45	1,396.60	257.74	2,789.33	2,725.51	63.82	43.708			
10,300.00	7,186.56	6,675.00	6,601.62	58.10	29.83	-45.45	1,396.60	257.74	2,885.01	2,821.11	63.90	45.149			
10,400.00	7,186.09	6,675.00	6,601.62	59.37	29.83	-45.45	1,396.60	257.74	2,980.98	2,917.00	63.98	46.595			
10,500.00	7,185.63	6,675.00	6,601.62	60.64	29.83	-45.45	1,396.60	257.74	3,077.21	3,013.16	64.05	48.045			
10,600.00	7,185.16	6,675.00	6,601.62	61.93	29.83	-45.45	1,396.60	257.74	3,173.67	3,109.55	64.12	49.497			
10,700.00	7,184.70	6,675.00	6,601.62	63.23	29.83	-45.45	1,396.60	257.74	3,270.34	3,206.15	64.19	50.951			
10,800.00	7,184.23	6,675.00	6,601.62	64.54	29.83	-45.45	1,396.60	257.74	3,367.20	3,302.95	64.25	52.408			
10,900.00	7,183.77	6,675.00	6,601.62	65.85	29.83	-45.45	1,396.60	257.74	3,464.25	3,399.93	64.31	53.865			
11,000.00	7,183.30	6,675.00	6,601.62	67.18	29.83	-45.45	1,396.60	257.74	3,561.46	3,497.08	64.37	55.324			
11,100.00	7,182.84	6,675.00	6,601.62	68.51	29.83	-45.45	1,396.60	257.74	3,658.81	3,594.38	64.43	56.783			
11,200.00	7,182.37	6,675.00	6,601.62	69.85	29.83	-45.45	1,396.60	257.74	3,756.31	3,691.82	64.49	58.243			
11,300.00	7,181.91	6,675.00	6,601.62	71.20	29.83	-45.45	1,396.60	257.74	3,853.94	3,789.38	64.55	59.703			
11,400.00	7,181.45	6,675.00	6,601.62	72.56	29.83	-45.45	1,396.60	257.74	3,951.68	3,887.07	64.61	61.162			
11,500.00	7,180.98	6,675.00	6,601.62	73.92	29.83	-45.45	1,396.60	257.74	4,049.54	3,984.87	64.67	62.621			
11,600.00	7,180.52	6,675.00	6,601.62	75.29	29.83	-45.45	1,396.60	257.74	4,147.49	4,082.77	64.72	64.080			
11,700.00	7,180.05	6,675.00	6,601.62	76.66	29.83	-45.45	1,396.60	257.74	4,245.54	4,180.76	64.78	65.537			
11,800.00	7,179.59	6,675.00	6,601.62	78.04	29.83	-45.45	1,396.60	257.74	4,343.69	4,278.85	64.84	66.993			
11,900.00	7,179.12	6,675.00	6,601.62	79.42	29.83	-45.45	1,396.60	257.74	4,441.91	4,377.01	64.89	68.448			
12,000.00	7,178.66	6,675.00	6,601.62	80.81	29.83	-45.45	1,396.60	257.74	4,540.21	4,475.26	64.95	69.902			
12,100.00	7,178.19	6,675.00	6,601.62	82.20	29.83	-45.45	1,396.60	257.74	4,638.58	4,573.58	65.01	71.353			
12,200.00	7,177.73	6,675.00	6,601.62	83.60	29.83	-45.45	1,396.60	257.74	4,737.03	4,671.96	65.07	72.803			
12,300.00	7,177.26	6,675.00	6,601.62	85.00	29.83	-45.45	1,396.60	257.74	4,835.53	4,770.41	65.12	74.251			
12,400.00	7,176.80	6,675.00	6,601.62	86.41	29.83	-45.45	1,396.60	257.74	4,934.10	4,868.92	65.18	75.697			
12,500.00	7,176.33	6,675.00	6,601.62	87.82	29.83	-45.45	1,396.60	257.74	5,032.72	4,967.48	65.24	77.141			
12,600.00	7,175.87	6,675.00	6,601.62	89.23	29.83	-45.45	1,396.60	257.74	5,131.40	5,066.10	65.30	78.582			
12,700.00	7,175.40	6,675.00	6,601.62	90.65	29.83	-45.45	1,396.60	257.74	5,230.12	5,164.76	65.36	80.021			
12,800.00	7,174.94	6,675.00	6,601.62	92.07	29.83	-45.45	1,396.60	257.74	5,328.90	5,263.48	65.42	81.457			
12,900.00	7,174.48	6,675.00	6,601.62	93.49	29.83	-45.45	1,396.60	257.74	5,427.72	5,362.24	65.48	82.891			
13,000.00	7,174.01	6,675.00	6,601.62	94.91	29.83	-45.45	1,396.60	257.74	5,526.58	5,461.04	65.54	84.322			
13,100.00	7,173.55	6,675.00	6,601.62	96.34	29.83	-45.45	1,396.60	257.74	5,625.48	5,559.87	65.60	85.750			
13,200.00	7,173.08	6,663.55	6,591.26	97.77	29.77	-44.71	1,391.76	258.43	5,724.26	5,658.67	65.59	87.279			
13,300.00	7,172.62	6,663.19	6,590.94	99.21	29.76	-44.68	1,391.61	258.45	5,823.22	5,757.58	65.65	88.705			
13,400.00	7,172.15	6,662.84	6,590.62	100.64	29.76	-44.66	1,391.46	258.47	5,922.23	5,856.52	65.71	90.128			
13,500.00	7,171.69	6,662.50	6,590.32	102.08	29.76	-44.64	1,391.32	258.48	6,021.26	5,955.49	65.77	91.548			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-022HN - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
13,600.00	7,171.22	6,662.18	6,590.02	103.52	29.76	-44.62	1,391.18	258.50	6,120.32	6,054.49	65.84	92.964					
13,700.00	7,170.76	6,661.86	6,589.74	104.97	29.76	-44.60	1,391.05	258.51	6,219.42	6,153.52	65.90	94.378					
13,800.00	7,170.29	6,661.56	6,589.46	106.41	29.76	-44.58	1,390.92	258.52	6,318.54	6,252.57	65.96	95.787					
13,900.00	7,169.83	6,650.00	6,579.00	107.86	29.70	-43.83	1,386.02	258.87	6,417.84	6,351.89	65.95	97.309					
14,000.00	7,169.36	6,650.00	6,579.00	109.31	29.70	-43.83	1,386.02	258.87	6,517.01	6,450.99	66.02	98.709					
14,100.00	7,168.90	6,650.00	6,579.00	110.76	29.70	-43.83	1,386.02	258.87	6,616.20	6,550.11	66.09	100.106					
14,200.00	7,168.44	6,650.00	6,579.00	112.21	29.70	-43.83	1,386.02	258.87	6,715.42	6,649.25	66.16	101.500					
14,300.00	7,167.97	6,650.00	6,579.00	113.67	29.70	-43.83	1,386.02	258.87	6,814.66	6,748.42	66.23	102.889					
14,400.00	7,167.51	6,650.00	6,579.00	115.12	29.70	-43.83	1,386.02	258.87	6,913.92	6,847.61	66.30	104.275					
14,500.00	7,167.04	6,650.00	6,579.00	116.58	29.70	-43.83	1,386.02	258.87	7,013.20	6,946.82	66.38	105.657					
14,600.00	7,166.58	6,650.00	6,579.00	118.04	29.70	-43.83	1,386.02	258.87	7,112.50	7,046.05	66.45	107.035					
14,700.00	7,166.11	6,650.00	6,579.00	119.50	29.70	-43.83	1,386.02	258.87	7,211.82	7,145.30	66.52	108.409					
14,800.00	7,165.65	6,650.00	6,579.00	120.97	29.70	-43.83	1,386.02	258.87	7,311.16	7,244.56	66.60	109.779					
14,900.00	7,165.18	6,650.00	6,579.00	122.43	29.70	-43.83	1,386.02	258.87	7,410.52	7,343.85	66.67	111.145					
15,000.00	7,164.72	6,650.00	6,579.00	123.90	29.70	-43.83	1,386.02	258.87	7,509.90	7,443.14	66.75	112.507					
15,100.00	7,164.25	6,650.00	6,579.00	125.36	29.70	-43.83	1,386.02	258.87	7,609.29	7,542.46	66.83	113.864					
15,200.00	7,163.79	6,650.00	6,579.00	126.83	29.70	-43.83	1,386.02	258.87	7,708.69	7,641.79	66.91	115.218					
15,300.00	7,163.32	6,650.00	6,579.00	128.30	29.70	-43.83	1,386.02	258.87	7,808.12	7,741.13	66.98	116.567					
15,400.00	7,162.86	6,650.00	6,579.00	129.77	29.70	-43.83	1,386.02	258.87	7,907.55	7,840.49	67.06	117.912					
15,500.00	7,162.39	6,650.00	6,579.00	131.24	29.70	-43.83	1,386.02	258.87	8,007.00	7,939.86	67.14	119.253					
15,600.00	7,161.93	6,650.00	6,579.00	132.71	29.70	-43.83	1,386.02	258.87	8,106.47	8,039.24	67.22	120.590					
15,700.00	7,161.47	6,650.00	6,579.00	134.19	29.70	-43.83	1,386.02	258.87	8,205.94	8,138.64	67.31	121.922					
15,800.00	7,161.00	6,650.00	6,579.00	135.66	29.70	-43.83	1,386.02	258.87	8,305.43	8,238.05	67.39	123.250					
15,900.00	7,160.54	6,650.00	6,579.00	137.14	29.70	-43.83	1,386.02	258.87	8,404.94	8,337.47	67.47	124.573					
16,000.00	7,160.07	6,650.00	6,579.00	138.61	29.70	-43.83	1,386.02	258.87	8,504.45	8,436.90	67.55	125.892					
16,100.00	7,159.61	6,650.00	6,579.00	140.09	29.70	-43.83	1,386.02	258.87	8,603.97	8,536.34	67.64	127.206					
16,200.00	7,159.14	6,650.00	6,579.00	141.57	29.70	-43.83	1,386.02	258.87	8,703.51	8,635.79	67.72	128.516					
16,300.00	7,158.68	6,650.00	6,579.00	143.05	29.70	-43.83	1,386.02	258.87	8,803.06	8,735.25	67.81	129.822					
16,400.00	7,158.21	6,650.00	6,579.00	144.53	29.70	-43.83	1,386.02	258.87	8,902.61	8,834.72	67.90	131.123					
16,500.00	7,157.75	6,650.00	6,579.00	146.01	29.70	-43.83	1,386.02	258.87	9,002.18	8,934.20	67.98	132.419					
16,600.00	7,157.28	6,650.00	6,579.00	147.49	29.70	-43.83	1,386.02	258.87	9,101.76	9,033.68	68.07	133.711					
16,700.00	7,156.82	6,650.00	6,579.00	148.97	29.70	-43.83	1,386.02	258.87	9,201.34	9,133.18	68.16	134.998					
16,800.00	7,156.35	6,650.00	6,579.00	150.45	29.70	-43.83	1,386.02	258.87	9,300.93	9,232.69	68.25	136.280					
16,900.00	7,155.89	6,650.00	6,579.00	151.94	29.70	-43.83	1,386.02	258.87	9,400.54	9,332.20	68.34	137.558					
17,000.00	7,155.43	6,650.00	6,579.00	153.42	29.70	-43.83	1,386.02	258.87	9,500.15	9,431.72	68.43	138.831					
17,100.00	7,154.96	6,650.00	6,579.00	154.90	29.70	-43.83	1,386.02	258.87	9,599.77	9,531.25	68.52	140.100					
17,200.00	7,154.50	6,650.00	6,579.00	156.39	29.70	-43.83	1,386.02	258.87	9,699.39	9,630.78	68.61	141.364					
17,300.00	7,154.03	6,650.00	6,579.00	157.88	29.70	-43.83	1,386.02	258.87	9,799.03	9,730.32	68.71	142.623					
17,400.00	7,153.57	6,650.00	6,579.00	159.36	29.70	-43.83	1,386.02	258.87	9,898.67	9,829.87	68.80	143.877					
17,500.00	7,153.10	6,650.00	6,579.00	160.85	29.70	-43.83	1,386.02	258.87	9,998.32	9,929.43	68.89	145.127					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		LEFFLER 8-21 PAD - LEFFLER FE 20-059HN - PLAN #1 - PLAN #1											Offset Site Error:		0.00 ft
Survey Program: 0-MWD													Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.00	0.00	0.00	0.00	3.28	3.28	3.30	1,045.92	60.37	1,047.86						
100.00	100.00	79.80	79.80	3.28	3.28	3.30	1,045.92	60.37	1,047.66	1,041.09	6.57	159.491			
200.00	200.00	179.80	179.80	3.34	3.33	3.30	1,045.92	60.37	1,047.66	1,041.00	6.66	157.210			
300.00	300.00	279.80	279.80	3.44	3.43	3.30	1,045.92	60.37	1,047.66	1,040.79	6.87	152.431			
400.00	400.00	379.80	379.80	3.60	3.59	3.30	1,045.92	60.37	1,047.66	1,040.48	7.18	145.836			
500.00	499.99	479.79	479.79	3.80	3.78	63.35	1,045.92	60.37	1,047.27	1,039.69	7.58	138.134			
600.00	599.96	579.76	579.76	4.03	4.02	63.49	1,045.92	60.37	1,046.10	1,038.04	8.05	129.890			
700.00	699.86	679.66	679.66	4.30	4.29	63.72	1,045.92	60.37	1,044.16	1,035.57	8.59	121.552			
790.00	789.74	769.54	769.54	4.57	4.55	63.95	1,045.92	60.37	1,042.08	1,032.96	9.12	114.279			
800.00	799.73	779.53	779.53	4.60	4.58	60.84	1,045.92	60.37	1,041.83	1,032.65	9.18	113.492			
900.00	899.50	879.30	879.30	4.92	4.90	40.04	1,045.92	60.37	1,037.46	1,027.65	9.81	105.708			
1,000.00	999.05	978.85	978.85	5.26	5.23	30.15	1,045.92	60.37	1,029.65	1,019.17	10.49	98.187			
1,077.14	1,075.61	1,055.41	1,055.41	5.53	5.50	25.81	1,045.92	60.37	1,021.29	1,010.26	11.03	92.628			
1,100.00	1,098.26	1,078.06	1,078.06	5.61	5.58	25.89	1,045.92	60.37	1,018.51	1,007.32	11.19	91.027			
1,200.00	1,197.35	1,177.15	1,177.15	5.98	5.93	26.22	1,045.92	60.37	1,006.37	994.46	11.91	84.507			
1,300.00	1,296.44	1,276.24	1,276.24	6.35	6.30	26.56	1,045.92	60.37	994.27	981.62	12.65	78.602			
1,400.00	1,395.52	1,375.32	1,375.32	6.73	6.68	26.91	1,045.92	60.37	982.20	968.80	13.41	73.256			
1,500.00	1,494.61	1,474.41	1,474.41	7.12	7.06	27.27	1,045.92	60.37	970.18	956.00	14.18	68.413			
1,600.00	1,593.70	1,573.50	1,573.50	7.52	7.45	27.64	1,045.92	60.37	958.19	943.22	14.97	64.021			
1,700.00	1,692.78	1,672.58	1,672.58	7.93	7.84	28.02	1,045.92	60.37	946.24	930.48	15.76	60.028			
1,800.00	1,791.87	1,771.67	1,771.67	8.33	8.24	28.41	1,045.92	60.37	934.33	917.76	16.57	56.391			
1,900.00	1,890.95	1,870.75	1,870.75	8.75	8.64	28.81	1,045.92	60.37	922.47	905.09	17.38	53.070			
2,000.00	1,990.04	1,969.84	1,969.84	9.16	9.04	29.21	1,045.92	60.37	910.65	892.45	18.20	50.030			
2,100.00	2,089.13	2,068.93	2,068.93	9.58	9.45	29.63	1,045.92	60.37	898.88	879.85	19.03	47.239			
2,200.00	2,188.21	2,168.01	2,168.01	10.01	9.86	30.06	1,045.92	60.37	887.15	867.30	19.86	44.672			
2,300.00	2,287.30	2,267.10	2,267.10	10.43	10.27	30.50	1,045.92	60.37	875.48	854.79	20.70	42.304			
2,400.00	2,386.39	2,366.19	2,366.19	10.86	10.68	30.96	1,045.92	60.37	863.86	842.33	21.53	40.115			
2,500.00	2,485.47	2,465.27	2,465.27	11.29	11.09	31.42	1,045.92	60.37	852.30	829.92	22.38	38.086			
2,600.00	2,584.56	2,564.36	2,564.36	11.72	11.51	31.90	1,045.92	60.37	840.79	817.57	23.22	36.203			
2,700.00	2,683.65	2,663.45	2,663.45	12.15	11.93	32.39	1,045.92	60.37	829.34	805.27	24.07	34.450			
2,800.00	2,782.73	2,762.53	2,762.53	12.58	12.35	32.89	1,045.92	60.37	817.96	793.03	24.93	32.816			
2,900.00	2,881.82	2,861.62	2,861.62	13.02	12.77	33.41	1,045.92	60.37	806.64	780.86	25.78	31.290			
3,000.00	2,980.91	2,960.71	2,960.71	13.45	13.19	33.95	1,045.92	60.37	795.38	768.75	26.64	29.862			
3,100.00	3,079.99	3,059.79	3,059.79	13.89	13.61	34.50	1,045.92	60.37	784.20	756.71	27.49	28.523			
3,200.00	3,179.08	3,158.88	3,158.88	14.33	14.03	35.06	1,045.92	60.37	773.09	744.74	28.35	27.267			
3,300.00	3,278.17	3,257.97	3,257.97	14.76	14.45	35.64	1,045.92	60.37	762.06	732.85	29.21	26.085			
3,400.00	3,377.25	3,357.05	3,357.05	15.20	14.88	36.24	1,045.92	60.37	751.11	721.03	30.08	24.973			
3,500.00	3,476.34	3,456.14	3,456.14	15.64	15.30	36.85	1,045.92	60.37	740.24	709.30	30.94	23.925			
3,600.00	3,575.43	3,555.23	3,555.23	16.08	15.73	37.49	1,045.92	60.37	729.46	697.65	31.81	22.935			
3,700.00	3,674.51	3,654.31	3,654.31	16.53	16.15	38.14	1,045.92	60.37	718.77	686.10	32.67	22.000			
3,800.00	3,773.60	3,753.40	3,753.40	16.97	16.58	38.81	1,045.92	60.37	708.17	674.63	33.54	21.116			
3,900.00	3,872.69	3,852.49	3,852.49	17.41	17.00	39.50	1,045.92	60.37	697.68	663.27	34.41	20.278			
4,000.00	3,971.77	3,951.57	3,951.57	17.85	17.43	40.21	1,045.92	60.37	687.29	652.01	35.27	19.484			
4,100.00	4,070.86	4,050.66	4,050.66	18.29	17.86	40.95	1,045.92	60.37	677.00	640.86	36.14	18.731			
4,200.00	4,169.95	4,149.75	4,149.75	18.74	18.29	41.70	1,045.92	60.37	666.84	629.82	37.01	18.016			
4,300.00	4,269.03	4,248.83	4,248.83	19.18	18.71	42.48	1,045.92	60.37	656.79	618.91	37.88	17.337			
4,400.00	4,368.12	4,347.92	4,347.92	19.63	19.14	43.29	1,045.92	60.37	646.87	608.11	38.75	16.692			
4,500.00	4,467.21	4,447.01	4,447.01	20.07	19.57	44.11	1,045.92	60.37	637.07	597.45	39.63	16.077			
4,600.00	4,566.29	4,546.09	4,546.09	20.52	20.00	44.97	1,045.92	60.37	627.42	586.92	40.50	15.493			
4,700.00	4,665.38	4,645.18	4,645.18	20.96	20.43	45.85	1,045.92	60.37	617.91	576.54	41.37	14.936			
4,800.00	4,764.47	4,744.27	4,744.27	21.41	20.86	46.75	1,045.92	60.37	608.55	566.30	42.24	14.406			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.00	4,863.55	4,843.35	4,843.35	21.85	21.29	47.69	1,045.92	60.37	599.34	556.23	43.11	13.901		
5,000.00	4,962.64	4,942.44	4,942.44	22.30	21.72	48.65	1,045.92	60.37	590.30	546.31	43.99	13.420		
5,100.00	5,061.73	5,041.53	5,041.53	22.74	22.15	49.64	1,045.92	60.37	581.43	536.57	44.86	12.961		
5,200.00	5,160.81	5,140.61	5,140.61	23.19	22.58	50.67	1,045.92	60.37	572.75	527.01	45.73	12.524		
5,300.00	5,259.90	5,239.70	5,239.70	23.64	23.01	51.72	1,045.92	60.37	564.25	517.64	46.61	12.106		
5,400.00	5,358.99	5,338.79	5,338.79	24.08	23.44	52.80	1,045.92	60.37	555.95	508.47	47.48	11.709		
5,500.00	5,458.07	5,437.87	5,437.87	24.53	23.87	53.92	1,045.92	60.37	547.85	499.50	48.35	11.330		
5,600.00	5,557.16	5,536.96	5,536.96	24.98	24.30	55.07	1,045.92	60.37	539.97	490.74	49.23	10.969		
5,700.00	5,656.25	5,631.51	5,631.51	25.42	24.71	56.21	1,045.99	60.51	532.47	482.38	50.09	10.630		
5,800.00	5,755.33	5,716.69	5,716.66	25.87	25.07	57.36	1,046.81	62.34	527.11	476.20	50.91	10.354		
5,894.62	5,849.09	5,792.07	5,791.91	26.29	25.39	58.53	1,048.67	66.46	525.30	473.70	51.60	10.180		
5,900.00	5,854.42	5,796.35	5,796.17	26.32	25.41	58.60	1,048.81	66.77	525.31	473.67	51.64	10.172		
6,000.00	5,953.51	5,875.52	5,874.92	26.77	25.75	60.00	1,052.14	74.16	527.60	475.31	52.29	10.090		
6,100.00	6,052.59	5,953.94	5,952.52	27.21	26.08	61.52	1,056.77	84.41	534.09	481.24	52.84	10.107		
6,200.00	6,151.68	6,031.36	6,028.62	27.66	26.42	63.11	1,062.61	97.36	544.87	491.57	53.30	10.223		
6,300.00	6,250.76	6,107.54	6,102.88	28.11	26.75	64.74	1,069.59	112.85	559.99	506.35	53.65	10.439		
6,400.00	6,349.85	6,182.30	6,175.03	28.56	27.08	66.37	1,077.63	130.65	579.44	525.55	53.89	10.753		
6,500.00	6,448.94	6,255.43	6,244.82	29.01	27.42	67.96	1,086.60	150.55	603.17	549.14	54.03	11.164		
6,589.36	6,537.48	6,319.28	6,305.04	29.41	27.72	69.33	1,095.33	169.90	627.92	573.84	54.07	11.612		
6,600.00	6,548.03	6,326.81	6,312.09	29.45	27.76	62.82	1,096.41	172.30	631.02	576.94	54.07	11.670		
6,650.00	6,597.61	6,362.52	6,345.40	29.67	27.93	30.11	1,101.71	184.04	644.44	590.38	54.06	11.920		
6,700.00	6,647.01	7,448.28	7,053.58	29.89	34.82	-53.76	1,216.96	-293.03	642.49	596.22	46.27	13.885		
6,750.00	6,695.92	7,439.96	7,053.58	30.10	34.70	-70.59	1,217.11	-284.71	606.30	557.68	48.62	12.471		
6,800.00	6,744.04	7,427.80	7,053.58	30.31	34.52	-80.62	1,217.32	-272.55	572.65	521.64	51.02	11.225		
6,850.00	6,791.07	7,417.91	7,053.43	30.51	34.33	-87.49	1,217.47	-262.66	541.93	488.50	53.43	10.143		
6,900.00	6,836.72	7,389.05	7,053.53	30.71	33.98	-90.15	1,217.99	-233.81	514.69	459.00	55.69	9.241		
6,950.00	6,880.71	7,358.73	7,052.79	30.90	33.61	-91.32	1,218.40	-203.49	490.81	432.97	57.84	8.486		
7,000.00	6,922.77	7,327.20	7,051.12	31.08	33.23	-91.41	1,218.66	-172.01	470.50	410.74	59.76	7.874		
7,050.00	6,962.63	7,292.47	7,048.18	31.27	32.82	-90.41	1,218.76	-137.41	453.94	392.59	61.35	7.399		
7,100.00	7,000.07	7,250.75	7,041.69	31.44	32.38	-87.96	1,218.35	-96.21	440.82	378.23	62.60	7.042		
7,150.00	7,034.83	7,215.06	7,033.12	31.62	32.04	-85.54	1,217.45	-61.59	431.36	367.95	63.41	6.803		
7,200.00	7,066.72	7,183.44	7,023.24	31.79	31.77	-83.03	1,216.24	-31.59	425.89	362.18	63.71	6.685		
7,241.49	7,090.84	7,159.41	7,014.33	31.93	31.58	-80.82	1,215.07	-9.30	424.47	360.91	63.56	6.678 CC, ES, SF		
7,250.00	7,095.52	7,154.67	7,012.44	31.96	31.54	-80.35	1,214.81	-4.97	424.53	361.04	63.49	6.687		
7,300.00	7,121.07	7,127.94	7,000.89	32.13	31.34	-77.49	1,213.21	19.08	427.22	364.38	62.84	6.799		
7,350.00	7,143.21	7,102.74	6,988.70	32.30	31.18	-74.42	1,211.45	41.06	433.74	371.86	61.88	7.009		
7,400.00	7,161.80	7,078.69	6,975.94	32.47	31.03	-71.18	1,209.57	61.36	443.73	382.95	60.78	7.301		
7,450.00	7,176.72	7,055.56	6,962.66	32.64	30.90	-67.80	1,207.56	80.19	456.74	397.07	59.67	7.655		
7,500.00	7,187.89	7,033.15	6,948.88	32.82	30.79	-64.32	1,205.45	97.74	472.29	413.62	58.67	8.050		
7,550.00	7,195.23	7,011.33	6,934.64	32.99	30.69	-60.80	1,203.23	114.12	489.91	432.05	57.86	8.467		
7,600.00	7,198.70	6,989.99	6,919.97	33.17	30.60	-57.29	1,200.92	129.43	509.13	451.84	57.29	8.887		
7,622.60	7,199.00	6,980.49	6,913.20	33.25	30.56	-55.72	1,199.84	136.01	518.24	461.12	57.11	9.074		
7,700.00	7,198.64	6,950.00	6,890.57	33.54	30.44	-53.26	1,196.22	156.11	552.86	496.12	56.74	9.744		
7,800.00	7,198.17	6,917.84	6,865.29	33.98	30.33	-50.64	1,192.11	175.54	606.06	549.34	56.72	10.685		
7,900.00	7,197.71	6,890.85	6,843.04	34.47	30.24	-48.44	1,188.46	190.37	667.47	610.48	56.99	11.712		
8,000.00	7,197.24	6,868.30	6,823.79	35.03	30.17	-46.61	1,185.27	201.68	735.61	678.18	57.43	12.809		
8,100.00	7,196.78	6,850.00	6,807.78	35.64	30.11	-45.15	1,182.60	210.12	809.14	751.20	57.95	13.963		
8,200.00	7,196.31	6,833.06	6,792.66	36.30	30.05	-43.81	1,180.07	217.33	886.98	828.57	58.41	15.185		
8,300.00	7,195.85	6,825.00	6,785.37	37.01	30.02	-43.18	1,178.84	220.55	968.31	909.29	59.02	16.408		
8,400.00	7,195.38	6,800.00	6,762.43	37.77	29.94	-41.27	1,174.96	229.67	1,052.36	993.24	59.12	17.801		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		LEFFLER 8-21 PAD - LEFFLER FE 20-059HN - PLAN #1 - PLAN #1											Offset Site Error:		0.00 ft
Survey Program: 0-MWD													Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,500.00	7,194.92	6,800.00	6,762.43	38.57	29.94	-41.27	1,174.96	229.67	1,138.56	1,078.85	59.71	19.069			
8,600.00	7,194.46	6,787.12	6,750.42	39.41	29.89	-40.30	1,172.92	233.85	1,226.61	1,166.66	59.95	20.460			
8,700.00	7,193.99	6,775.00	6,739.01	40.30	29.85	-39.41	1,170.98	237.46	1,316.20	1,256.04	60.17	21.876			
8,800.00	7,193.53	6,775.00	6,739.01	41.22	29.85	-39.41	1,170.98	237.46	1,407.01	1,346.49	60.52	23.248			
8,900.00	7,193.06	6,764.87	6,729.41	42.17	29.81	-38.68	1,169.34	240.23	1,498.84	1,438.16	60.68	24.700			
9,000.00	7,192.60	6,750.00	6,715.20	43.16	29.75	-37.63	1,166.90	243.89	1,591.68	1,530.93	60.76	26.198			
9,100.00	7,192.13	6,750.00	6,715.20	44.17	29.75	-37.63	1,166.90	243.89	1,685.06	1,624.07	60.99	27.627			
9,200.00	7,191.67	6,750.00	6,715.20	45.22	29.75	-37.63	1,166.90	243.89	1,779.16	1,717.96	61.20	29.072			
9,300.00	7,191.20	6,750.00	6,715.20	46.29	29.75	-37.63	1,166.90	243.89	1,873.87	1,812.49	61.37	30.532			
9,400.00	7,190.74	6,739.95	6,705.54	47.38	29.72	-36.93	1,165.24	246.08	1,968.97	1,907.53	61.43	32.050			
9,500.00	7,190.27	6,736.16	6,701.88	48.50	29.70	-36.67	1,164.61	246.85	2,064.53	2,002.99	61.54	33.546			
9,600.00	7,189.81	6,725.00	6,691.07	49.64	29.66	-35.91	1,162.75	248.93	2,160.54	2,098.96	61.58	35.086			
9,700.00	7,189.34	6,725.00	6,691.07	50.80	29.66	-35.91	1,162.75	248.93	2,256.74	2,195.04	61.70	36.576			
9,800.00	7,188.88	6,725.00	6,691.07	51.98	29.66	-35.91	1,162.75	248.93	2,353.26	2,291.45	61.81	38.071			
9,900.00	7,188.41	6,725.00	6,691.07	53.17	29.66	-35.91	1,162.75	248.93	2,450.06	2,388.14	61.91	39.571			
10,000.00	7,187.95	6,725.00	6,691.07	54.38	29.66	-35.91	1,162.75	248.93	2,547.10	2,485.09	62.01	41.076			
10,100.00	7,187.49	6,725.00	6,691.07	55.61	29.66	-35.91	1,162.75	248.93	2,644.37	2,582.27	62.10	42.584			
10,200.00	7,187.02	6,725.00	6,691.07	56.85	29.66	-35.91	1,162.75	248.93	2,741.83	2,679.65	62.18	44.094			
10,300.00	7,186.56	6,714.07	6,680.45	58.10	29.61	-35.19	1,160.91	250.70	2,839.31	2,777.12	62.19	45.656			
10,400.00	7,186.09	6,712.04	6,678.47	59.37	29.61	-35.06	1,160.56	251.00	2,937.05	2,874.80	62.25	47.179			
10,500.00	7,185.63	6,700.00	6,666.71	60.64	29.56	-34.28	1,158.52	252.59	3,035.05	2,972.80	62.25	48.753			
10,600.00	7,185.16	6,700.00	6,666.71	61.93	29.56	-34.28	1,158.52	252.59	3,133.01	3,070.68	62.33	50.267			
10,700.00	7,184.70	6,700.00	6,666.71	63.23	29.56	-34.28	1,158.52	252.59	3,231.09	3,168.69	62.40	51.782			
10,800.00	7,184.23	6,700.00	6,666.71	64.54	29.56	-34.28	1,158.52	252.59	3,329.29	3,266.82	62.47	53.297			
10,900.00	7,183.77	6,700.00	6,666.71	65.85	29.56	-34.28	1,158.52	252.59	3,427.59	3,365.05	62.53	54.812			
11,000.00	7,183.30	6,700.00	6,666.71	67.18	29.56	-34.28	1,158.52	252.59	3,525.98	3,463.38	62.60	56.326			
11,100.00	7,182.84	6,700.00	6,666.71	68.51	29.56	-34.28	1,158.52	252.59	3,624.47	3,561.80	62.66	57.840			
11,200.00	7,182.37	6,700.00	6,666.71	69.85	29.56	-34.28	1,158.52	252.59	3,723.03	3,660.30	62.73	59.353			
11,300.00	7,181.91	6,700.00	6,666.71	71.20	29.56	-34.28	1,158.52	252.59	3,821.67	3,758.88	62.79	60.865			
11,400.00	7,181.45	6,700.00	6,666.71	72.56	29.56	-34.28	1,158.52	252.59	3,920.38	3,857.52	62.85	62.375			
11,500.00	7,180.98	6,700.00	6,666.71	73.92	29.56	-34.28	1,158.52	252.59	4,019.15	3,956.23	62.91	63.883			
11,600.00	7,180.52	6,700.00	6,666.71	75.29	29.56	-34.28	1,158.52	252.59	4,117.98	4,055.00	62.98	65.390			
11,700.00	7,180.05	6,700.00	6,666.71	76.66	29.56	-34.28	1,158.52	252.59	4,216.87	4,153.83	63.04	66.895			
11,800.00	7,179.59	6,700.00	6,666.71	78.04	29.56	-34.28	1,158.52	252.59	4,315.80	4,252.70	63.10	68.398			
11,900.00	7,179.12	6,700.00	6,666.71	79.42	29.56	-34.28	1,158.52	252.59	4,414.79	4,351.63	63.16	69.899			
12,000.00	7,178.66	6,700.00	6,666.71	80.81	29.56	-34.28	1,158.52	252.59	4,513.82	4,450.60	63.22	71.397			
12,100.00	7,178.19	6,700.00	6,666.71	82.20	29.56	-34.28	1,158.52	252.59	4,612.89	4,549.61	63.28	72.893			
12,200.00	7,177.73	6,700.00	6,666.71	83.60	29.56	-34.28	1,158.52	252.59	4,712.00	4,648.66	63.34	74.387			
12,300.00	7,177.26	6,688.15	6,655.10	85.00	29.51	-33.53	1,156.50	253.83	4,810.98	4,747.62	63.35	75.938			
12,400.00	7,176.80	6,687.36	6,654.32	86.41	29.51	-33.48	1,156.36	253.90	4,910.13	4,846.72	63.41	77.431			
12,500.00	7,176.33	6,686.60	6,653.58	87.82	29.50	-33.43	1,156.23	253.97	5,009.33	4,945.85	63.47	78.920			
12,600.00	7,175.87	6,675.00	6,642.18	89.23	29.46	-32.72	1,154.24	254.83	5,108.69	5,045.20	63.49	80.468			
12,700.00	7,175.40	6,675.00	6,642.18	90.65	29.46	-32.72	1,154.24	254.83	5,207.92	5,144.37	63.55	81.947			
12,800.00	7,174.94	6,675.00	6,642.18	92.07	29.46	-32.72	1,154.24	254.83	5,307.18	5,243.57	63.62	83.423			
12,900.00	7,174.48	6,675.00	6,642.18	93.49	29.46	-32.72	1,154.24	254.83	5,406.47	5,342.79	63.68	84.896			
13,000.00	7,174.01	6,675.00	6,642.18	94.91	29.46	-32.72	1,154.24	254.83	5,505.78	5,442.03	63.75	86.365			
13,100.00	7,173.55	6,675.00	6,642.18	96.34	29.46	-32.72	1,154.24	254.83	5,605.12	5,541.30	63.82	87.831			
13,200.00	7,173.08	6,675.00	6,642.18	97.77	29.46	-32.72	1,154.24	254.83	5,704.48	5,640.60	63.89	89.293			
13,300.00	7,172.62	6,675.00	6,642.18	99.21	29.46	-32.72	1,154.24	254.83	5,803.86	5,739.91	63.95	90.752			
13,400.00	7,172.15	6,675.00	6,642.18	100.64	29.46	-32.72	1,154.24	254.83	5,903.27	5,839.25	64.02	92.206			
13,500.00	7,171.69	6,675.00	6,642.18	102.08	29.46	-32.72	1,154.24	254.83	6,002.69	5,938.60	64.09	93.658			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,600.00	7,171.22	6,675.00	6,642.18	103.52	29.46	-32.72	1,154.24	254.83	6,102.13	6,037.97	64.16	95.105		
13,700.00	7,170.76	6,675.00	6,642.18	104.97	29.46	-32.72	1,154.24	254.83	6,201.59	6,137.36	64.23	96.548		
13,800.00	7,170.29	6,675.00	6,642.18	106.41	29.46	-32.72	1,154.24	254.83	6,301.07	6,236.77	64.30	97.988		
13,900.00	7,169.83	6,675.00	6,642.18	107.86	29.46	-32.72	1,154.24	254.83	6,400.56	6,336.19	64.38	99.423		
14,000.00	7,169.36	6,675.00	6,642.18	109.31	29.46	-32.72	1,154.24	254.83	6,500.07	6,435.62	64.45	100.855		
14,100.00	7,168.90	6,675.00	6,642.18	110.76	29.46	-32.72	1,154.24	254.83	6,599.60	6,535.07	64.52	102.282		
14,200.00	7,168.44	6,675.00	6,642.18	112.21	29.46	-32.72	1,154.24	254.83	6,699.14	6,634.54	64.60	103.705		
14,300.00	7,167.97	6,675.00	6,642.18	113.67	29.46	-32.72	1,154.24	254.83	6,798.69	6,734.01	64.67	105.124		
14,400.00	7,167.51	6,675.00	6,642.18	115.12	29.46	-32.72	1,154.24	254.83	6,898.25	6,833.50	64.75	106.538		
14,500.00	7,167.04	6,675.00	6,642.18	116.58	29.46	-32.72	1,154.24	254.83	6,997.83	6,933.00	64.83	107.949		
14,600.00	7,166.58	6,675.00	6,642.18	118.04	29.46	-32.72	1,154.24	254.83	7,097.42	7,032.52	64.90	109.355		
14,700.00	7,166.11	6,675.00	6,642.18	119.50	29.46	-32.72	1,154.24	254.83	7,197.02	7,132.04	64.98	110.756		
14,800.00	7,165.65	6,675.00	6,642.18	120.97	29.46	-32.72	1,154.24	254.83	7,296.63	7,231.57	65.06	112.153		
14,900.00	7,165.18	6,675.00	6,642.18	122.43	29.46	-32.72	1,154.24	254.83	7,396.25	7,331.11	65.14	113.546		
15,000.00	7,164.72	6,675.00	6,642.18	123.90	29.46	-32.72	1,154.24	254.83	7,495.88	7,430.66	65.22	114.934		
15,100.00	7,164.25	6,675.00	6,642.18	125.36	29.46	-32.72	1,154.24	254.83	7,595.53	7,530.23	65.30	116.317		
15,200.00	7,163.79	6,675.00	6,642.18	126.83	29.46	-32.72	1,154.24	254.83	7,695.18	7,629.79	65.38	117.696		
15,300.00	7,163.32	6,675.00	6,642.18	128.30	29.46	-32.72	1,154.24	254.83	7,794.84	7,729.37	65.46	119.070		
15,400.00	7,162.86	6,675.00	6,642.18	129.77	29.46	-32.72	1,154.24	254.83	7,894.50	7,828.96	65.55	120.440		
15,500.00	7,162.39	6,675.00	6,642.18	131.24	29.46	-32.72	1,154.24	254.83	7,994.18	7,928.55	65.63	121.805		
15,600.00	7,161.93	6,675.00	6,642.18	132.71	29.46	-32.72	1,154.24	254.83	8,093.87	8,028.15	65.72	123.165		
15,700.00	7,161.47	6,675.00	6,642.18	134.19	29.46	-32.72	1,154.24	254.83	8,193.56	8,127.76	65.80	124.520		
15,800.00	7,161.00	6,675.00	6,642.18	135.66	29.46	-32.72	1,154.24	254.83	8,293.26	8,227.37	65.89	125.871		
15,900.00	7,160.54	6,675.00	6,642.18	137.14	29.46	-32.72	1,154.24	254.83	8,392.96	8,326.99	65.97	127.217		
16,000.00	7,160.07	6,675.00	6,642.18	138.61	29.46	-32.72	1,154.24	254.83	8,492.68	8,426.62	66.06	128.558		
16,100.00	7,159.61	6,675.00	6,642.18	140.09	29.46	-32.72	1,154.24	254.83	8,592.40	8,526.25	66.15	129.894		
16,200.00	7,159.14	6,675.00	6,642.18	141.57	29.46	-32.72	1,154.24	254.83	8,692.13	8,625.89	66.24	131.225		
16,300.00	7,158.68	6,675.00	6,642.18	143.05	29.46	-32.72	1,154.24	254.83	8,791.86	8,725.53	66.33	132.551		
16,400.00	7,158.21	6,675.00	6,642.18	144.53	29.46	-32.72	1,154.24	254.83	8,891.60	8,825.18	66.42	133.873		
16,500.00	7,157.75	6,675.00	6,642.18	146.01	29.46	-32.72	1,154.24	254.83	8,991.34	8,924.83	66.51	135.189		
16,600.00	7,157.28	6,675.00	6,642.18	147.49	29.46	-32.72	1,154.24	254.83	9,091.09	9,024.49	66.60	136.501		
16,700.00	7,156.82	6,675.00	6,642.18	148.97	29.46	-32.72	1,154.24	254.83	9,190.85	9,124.16	66.69	137.808		
16,800.00	7,156.35	6,675.00	6,642.18	150.45	29.46	-32.72	1,154.24	254.83	9,290.61	9,223.82	66.79	139.109		
16,900.00	7,155.89	6,675.00	6,642.18	151.94	29.46	-32.72	1,154.24	254.83	9,390.38	9,323.50	66.88	140.406		
17,000.00	7,155.43	6,675.00	6,642.18	153.42	29.46	-32.72	1,154.24	254.83	9,490.15	9,423.17	66.97	141.697		
17,100.00	7,154.96	6,675.00	6,642.18	154.90	29.46	-32.72	1,154.24	254.83	9,589.92	9,522.85	67.07	142.984		
17,200.00	7,154.50	6,675.00	6,642.18	156.39	29.46	-32.72	1,154.24	254.83	9,689.70	9,622.54	67.17	144.265		
17,300.00	7,154.03	6,675.00	6,642.18	157.88	29.46	-32.72	1,154.24	254.83	9,789.49	9,722.23	67.26	145.542		
17,400.00	7,153.57	6,675.00	6,642.18	159.36	29.46	-32.72	1,154.24	254.83	9,889.28	9,821.92	67.36	146.813		
17,500.00	7,153.10	6,675.00	6,642.18	160.85	29.46	-32.72	1,154.24	254.83	9,989.07	9,921.61	67.46	148.080		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
0.00	0.00	0.00	0.00	3.28	3.28	3.35	1,030.98	60.37	1,032.95						
100.00	100.00	79.60	79.60	3.28	3.28	3.35	1,030.98	60.37	1,032.75	1,026.18	6.57	157.221			
200.00	200.00	179.60	179.60	3.34	3.33	3.35	1,030.98	60.37	1,032.75	1,026.09	6.66	154.976			
300.00	300.00	279.60	279.60	3.44	3.43	3.35	1,030.98	60.37	1,032.75	1,025.88	6.87	150.267			
400.00	400.00	379.60	379.60	3.60	3.58	3.35	1,030.98	60.37	1,032.75	1,025.57	7.18	143.768			
500.00	499.99	479.59	479.59	3.80	3.78	63.40	1,030.98	60.37	1,032.36	1,024.78	7.58	136.175			
600.00	599.96	579.56	579.56	4.03	4.02	63.54	1,030.98	60.37	1,031.19	1,023.14	8.05	128.047			
700.00	699.86	679.46	679.46	4.30	4.29	63.77	1,030.98	60.37	1,029.25	1,020.66	8.59	119.824			
790.00	789.74	769.34	769.34	4.57	4.55	64.01	1,030.98	60.37	1,027.18	1,018.06	9.12	112.653			
800.00	799.73	779.33	779.33	4.60	4.58	60.90	1,030.98	60.37	1,026.93	1,017.75	9.18	111.876			
900.00	899.50	879.10	879.10	4.92	4.90	40.10	1,030.98	60.37	1,022.57	1,012.75	9.81	104.197			
1,000.00	999.05	978.65	978.65	5.26	5.23	30.22	1,030.98	60.37	1,014.76	1,004.28	10.49	96.774			
1,077.14	1,075.61	1,055.21	1,055.21	5.53	5.50	25.88	1,030.98	60.37	1,006.40	995.38	11.02	91.284			
1,100.00	1,098.26	1,077.86	1,077.86	5.61	5.58	25.96	1,030.98	60.37	1,003.63	992.44	11.19	89.703			
1,200.00	1,197.35	1,176.95	1,176.95	5.98	5.93	26.30	1,030.98	60.37	991.50	979.59	11.91	83.264			
1,300.00	1,296.44	1,276.04	1,276.04	6.35	6.30	26.65	1,030.98	60.37	979.40	966.75	12.65	77.431			
1,400.00	1,395.52	1,375.12	1,375.12	6.73	6.68	27.00	1,030.98	60.37	967.35	953.94	13.41	72.152			
1,500.00	1,494.61	1,474.21	1,474.21	7.12	7.06	27.37	1,030.98	60.37	955.33	941.15	14.18	67.370			
1,600.00	1,593.70	1,573.30	1,573.30	7.52	7.45	27.75	1,030.98	60.37	943.35	928.38	14.97	63.033			
1,700.00	1,692.78	1,672.38	1,672.38	7.93	7.84	28.13	1,030.98	60.37	931.41	915.65	15.76	59.091			
1,800.00	1,791.87	1,771.47	1,771.47	8.33	8.23	28.53	1,030.98	60.37	919.52	902.95	16.57	55.500			
1,900.00	1,890.95	1,870.55	1,870.55	8.75	8.64	28.93	1,030.98	60.37	907.67	890.29	17.38	52.221			
2,000.00	1,990.04	1,969.64	1,969.64	9.16	9.04	29.35	1,030.98	60.37	895.87	877.66	18.20	49.220			
2,100.00	2,089.13	2,068.73	2,068.73	9.58	9.45	29.78	1,030.98	60.37	884.11	865.08	19.03	46.465			
2,200.00	2,188.21	2,167.81	2,167.81	10.01	9.85	30.22	1,030.98	60.37	872.40	852.55	19.86	43.931			
2,300.00	2,287.30	2,266.90	2,266.90	10.43	10.27	30.67	1,030.98	60.37	860.75	840.06	20.69	41.594			
2,400.00	2,386.39	2,365.99	2,365.99	10.86	10.68	31.13	1,030.98	60.37	849.15	827.62	21.53	39.433			
2,500.00	2,485.47	2,465.07	2,465.07	11.29	11.09	31.61	1,030.98	60.37	837.61	815.23	22.38	37.431			
2,600.00	2,584.56	2,564.16	2,564.16	11.72	11.51	32.09	1,030.98	60.37	826.13	802.90	23.22	35.573			
2,700.00	2,683.65	2,663.25	2,663.25	12.15	11.93	32.60	1,030.98	60.37	814.70	790.63	24.07	33.843			
2,800.00	2,782.73	2,762.33	2,762.33	12.58	12.34	33.11	1,030.98	60.37	803.34	778.42	24.92	32.231			
2,900.00	2,881.82	2,861.42	2,861.42	13.02	12.76	33.65	1,030.98	60.37	792.05	766.27	25.78	30.725			
3,000.00	2,980.91	2,960.51	2,960.51	13.45	13.18	34.19	1,030.98	60.37	780.83	754.20	26.63	29.316			
3,100.00	3,079.99	3,059.59	3,059.59	13.89	13.61	34.75	1,030.98	60.37	769.68	742.19	27.49	27.996			
3,200.00	3,179.08	3,158.68	3,158.68	14.33	14.03	35.33	1,030.98	60.37	758.61	730.25	28.35	26.757			
3,300.00	3,278.17	3,257.77	3,257.77	14.76	14.45	35.93	1,030.98	60.37	747.61	718.40	29.21	25.592			
3,400.00	3,377.25	3,356.85	3,356.85	15.20	14.88	36.54	1,030.98	60.37	736.70	706.62	30.08	24.495			
3,500.00	3,476.34	3,455.94	3,455.94	15.64	15.30	37.17	1,030.98	60.37	725.87	694.94	30.94	23.461			
3,600.00	3,575.43	3,555.03	3,555.03	16.08	15.72	37.82	1,030.98	60.37	715.14	683.34	31.80	22.486			
3,700.00	3,674.51	3,654.11	3,654.11	16.53	16.15	38.49	1,030.98	60.37	704.50	671.83	32.67	21.564			
3,800.00	3,773.60	3,753.20	3,753.20	16.97	16.58	39.19	1,030.98	60.37	693.96	660.42	33.54	20.693			
3,900.00	3,872.69	3,852.29	3,852.29	17.41	17.00	39.90	1,030.98	60.37	683.52	649.12	34.40	19.867			
4,000.00	3,971.77	3,951.37	3,951.37	17.85	17.43	40.63	1,030.98	60.37	673.19	637.92	35.27	19.085			
4,100.00	4,070.86	4,050.46	4,050.46	18.29	17.86	41.39	1,030.98	60.37	662.97	626.83	36.14	18.344			
4,200.00	4,169.95	4,149.55	4,149.55	18.74	18.28	42.17	1,030.98	60.37	652.88	615.86	37.01	17.640			
4,300.00	4,269.03	4,248.63	4,248.63	19.18	18.71	42.97	1,030.98	60.37	642.90	605.02	37.88	16.971			
4,400.00	4,368.12	4,347.72	4,347.72	19.63	19.14	43.80	1,030.98	60.37	633.06	594.31	38.75	16.336			
4,500.00	4,467.21	4,446.81	4,446.81	20.07	19.57	44.65	1,030.98	60.37	623.35	583.73	39.62	15.732			
4,600.00	4,566.29	4,545.89	4,545.89	20.52	20.00	45.53	1,030.98	60.37	613.79	573.29	40.50	15.157			
4,700.00	4,665.38	4,644.98	4,644.98	20.96	20.43	46.44	1,030.98	60.37	604.37	563.01	41.37	14.610			
4,800.00	4,764.47	4,744.07	4,744.07	21.41	20.86	47.38	1,030.98	60.37	595.12	552.88	42.24	14.089			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.00	4,863.55	4,843.15	4,843.15	21.85	21.29	48.34	1,030.98	60.37	586.02	542.91	43.11	13.593		
5,000.00	4,962.64	4,942.24	4,942.24	22.30	21.71	49.34	1,030.98	60.37	577.10	533.11	43.99	13.120		
5,100.00	5,061.73	5,041.33	5,041.33	22.74	22.14	50.36	1,030.98	60.37	568.36	523.50	44.86	12.670		
5,200.00	5,160.81	5,140.41	5,140.41	23.19	22.57	51.42	1,030.98	60.37	559.80	514.07	45.73	12.241		
5,300.00	5,259.90	5,239.50	5,239.50	23.64	23.00	52.51	1,030.98	60.37	551.45	504.84	46.60	11.833		
5,400.00	5,358.99	5,338.59	5,338.59	24.08	23.44	53.63	1,030.98	60.37	543.30	495.82	47.48	11.443		
5,500.00	5,458.07	5,437.67	5,437.67	24.53	23.87	54.78	1,030.98	60.37	535.36	487.01	48.35	11.072		
5,600.00	5,557.16	5,536.76	5,536.76	24.98	24.30	55.97	1,030.98	60.37	527.65	478.43	49.22	10.719		
5,700.00	5,656.25	5,635.85	5,635.85	25.42	24.73	57.20	1,030.98	60.37	520.18	470.08	50.10	10.383		
5,800.00	5,755.33	5,733.90	5,733.90	25.87	25.15	58.45	1,030.96	60.45	512.98	462.02	50.96	10.066		
5,900.00	5,854.42	5,827.89	5,827.87	26.32	25.54	59.81	1,030.61	61.74	506.58	454.77	51.81	9.778		
6,000.00	5,953.51	5,916.68	5,916.53	26.77	25.91	61.49	1,029.36	66.33	502.17	449.55	52.62	9.544		
6,100.00	6,052.59	6,004.19	6,003.60	27.21	26.27	63.57	1,027.07	74.73	500.40	447.01	53.39	9.373		
6,109.33	6,061.84	6,012.27	6,011.62	27.25	26.30	63.78	1,026.81	75.70	500.39	446.93	53.46	9.361		
6,200.00	6,151.68	6,090.08	6,088.58	27.66	26.63	65.99	1,023.81	86.72	501.74	447.64	54.10	9.274		
6,300.00	6,250.76	6,174.06	6,171.05	28.11	26.98	68.69	1,019.65	101.99	506.67	451.93	54.74	9.257		
6,400.00	6,349.85	6,255.89	6,250.66	28.56	27.34	71.58	1,014.69	120.21	515.65	460.38	55.26	9.331		
6,500.00	6,448.94	6,335.35	6,327.13	29.01	27.69	74.57	1,009.02	141.05	529.08	473.42	55.66	9.505		
6,589.36	6,537.48	6,404.30	6,392.70	29.41	28.00	77.26	1,003.42	161.60	545.10	489.19	55.90	9.751		
6,600.00	6,548.03	6,412.55	6,400.50	29.45	28.04	70.83	1,002.71	164.21	547.19	491.26	55.92	9.784		
6,650.00	6,597.61	6,451.62	6,437.27	29.67	28.23	38.53	999.25	176.95	555.72	499.70	56.02	9.919		
6,700.00	6,647.01	6,491.15	6,474.22	29.89	28.41	15.96	995.56	190.49	562.02	505.92	56.10	10.019		
6,750.00	6,695.92	7,539.06	7,165.09	30.10	34.83	-103.02	911.24	-279.25	517.67	496.28	21.40	24.192		
6,800.00	6,744.04	7,526.90	7,165.09	30.31	34.65	-116.59	911.45	-267.10	470.34	447.87	22.46	20.937		
6,850.00	6,791.07	7,510.97	7,165.09	30.51	34.42	-124.66	911.73	-251.17	424.34	400.61	23.73	17.881		
6,900.00	6,836.72	7,487.03	7,165.01	30.71	34.10	-128.81	912.15	-227.23	379.99	354.71	25.28	15.031		
6,950.00	6,880.71	7,455.21	7,164.08	30.90	33.71	-130.08	912.80	-195.43	337.19	309.88	27.31	12.346		
7,000.00	6,922.77	7,422.47	7,162.06	31.08	33.33	-129.92	913.59	-162.77	296.12	266.17	29.95	9.886		
7,050.00	6,962.63	7,383.86	7,158.14	31.27	32.91	-127.40	914.69	-124.38	257.07	223.48	33.59	7.654		
7,100.00	7,000.07	7,340.76	7,150.18	31.44	32.49	-121.90	916.30	-82.08	219.61	180.77	38.83	5.655		
7,150.00	7,034.83	7,304.36	7,140.28	31.62	32.17	-115.72	917.99	-47.10	184.89	139.74	45.15	4.095		
7,200.00	7,066.72	7,272.37	7,129.23	31.79	31.91	-108.64	919.73	-17.13	155.18	102.82	52.36	2.964		
7,250.00	7,095.52	7,243.41	7,117.39	31.96	31.70	-100.51	921.49	9.23	133.90	74.50	59.40	2.254		
7,300.00	7,121.07	7,216.64	7,104.94	32.13	31.53	-91.37	923.27	32.86	125.18	61.69	63.49	1.972		
7,304.54	7,123.23	7,214.30	7,103.78	32.14	31.51	-90.50	923.44	34.89	125.12	61.50	63.62	1.967 CC, ES, SF		
7,350.00	7,143.21	7,191.50	7,091.96	32.30	31.38	-81.52	925.07	54.31	131.15	68.46	62.68	2.092		
7,400.00	7,161.80	7,167.60	7,078.52	32.47	31.24	-71.51	926.90	73.98	149.59	90.45	59.14	2.529		
7,450.00	7,176.72	7,144.68	7,064.64	32.64	31.13	-61.98	928.74	92.14	176.16	120.29	55.86	3.153		
7,500.00	7,187.89	7,122.53	7,050.36	32.82	31.02	-53.41	930.60	108.96	207.29	153.41	53.88	3.847		
7,550.00	7,195.23	7,100.00	7,034.99	32.99	30.92	-45.85	932.58	125.31	240.78	187.86	52.92	4.550		
7,600.00	7,198.70	7,080.01	7,020.67	33.17	30.84	-39.79	934.40	139.13	275.34	222.37	52.97	5.198		
7,622.60	7,199.00	7,070.67	7,013.77	33.25	30.81	-37.33	935.27	145.36	291.10	237.99	53.11	5.481		
7,700.00	7,198.64	7,041.25	6,991.19	33.54	30.70	-34.46	938.08	164.01	347.37	293.50	53.87	6.449		
7,800.00	7,198.17	7,009.54	6,965.53	33.98	30.58	-31.74	941.22	182.36	425.54	370.56	54.98	7.740		
7,900.00	7,197.71	6,983.46	6,943.49	34.47	30.49	-29.77	943.89	196.03	508.24	452.24	56.00	9.075		
8,000.00	7,197.24	6,961.79	6,924.59	35.03	30.42	-28.30	946.15	206.37	594.24	537.37	56.88	10.448		
8,100.00	7,196.78	6,950.00	6,914.09	35.64	30.38	-27.55	947.40	211.61	682.80	624.99	57.81	11.811		
8,200.00	7,196.31	6,925.00	6,891.40	36.30	30.29	-26.10	950.08	221.75	773.10	715.00	58.10	13.305		
8,300.00	7,195.85	6,914.83	6,882.01	37.01	30.26	-25.55	951.18	225.51	864.93	806.25	58.68	14.740		
8,400.00	7,195.38	6,900.00	6,868.18	37.77	30.20	-24.80	952.79	230.58	957.95	898.93	59.01	16.232		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,500.00	7,194.92	6,900.00	6,868.18	38.57	30.20	-24.80	952.79	230.58	1,051.94	992.41	59.53	17.670			
8,600.00	7,194.46	6,884.44	6,853.48	39.41	30.15	-24.06	954.50	235.41	1,146.58	1,086.88	59.70	19.205			
8,700.00	7,193.99	6,875.00	6,844.49	40.30	30.12	-23.63	955.54	238.08	1,241.92	1,182.00	59.92	20.726			
8,800.00	7,193.53	6,875.00	6,844.49	41.22	30.12	-23.63	955.54	238.08	1,337.82	1,277.60	60.21	22.218			
8,900.00	7,193.06	6,863.36	6,833.32	42.17	30.07	-23.13	956.82	241.10	1,434.08	1,373.75	60.33	23.771			
9,000.00	7,192.60	6,850.00	6,820.41	43.16	30.03	-22.58	958.30	244.21	1,530.84	1,470.44	60.41	25.342			
9,100.00	7,192.13	6,850.00	6,820.41	44.17	30.03	-22.58	958.30	244.21	1,627.77	1,567.17	60.60	26.860			
9,200.00	7,191.67	6,850.00	6,820.41	45.22	30.03	-22.58	958.30	244.21	1,725.05	1,664.28	60.77	28.387			
9,300.00	7,191.20	6,850.00	6,820.41	46.29	30.03	-22.58	958.30	244.21	1,822.62	1,761.70	60.91	29.921			
9,400.00	7,190.74	6,839.79	6,810.49	47.38	29.99	-22.18	959.43	246.31	1,920.29	1,859.33	60.97	31.498			
9,500.00	7,190.27	6,836.20	6,806.99	48.50	29.98	-22.04	959.83	247.00	2,018.21	1,957.15	61.06	33.053			
9,600.00	7,189.81	6,825.00	6,796.03	49.64	29.93	-21.63	961.07	248.95	2,116.38	2,055.28	61.10	34.640			
9,700.00	7,189.34	6,825.00	6,796.03	50.80	29.93	-21.63	961.07	248.95	2,214.55	2,153.35	61.20	36.186			
9,800.00	7,188.88	6,825.00	6,796.03	51.98	29.93	-21.63	961.07	248.95	2,312.88	2,251.58	61.29	37.734			
9,900.00	7,188.41	6,825.00	6,796.03	53.17	29.93	-21.63	961.07	248.95	2,411.34	2,349.96	61.38	39.284			
10,000.00	7,187.95	6,825.00	6,796.03	54.38	29.93	-21.63	961.07	248.95	2,509.93	2,448.46	61.46	40.835			
10,100.00	7,187.49	6,825.00	6,796.03	55.61	29.93	-21.63	961.07	248.95	2,608.62	2,547.08	61.54	42.387			
10,200.00	7,187.02	6,825.00	6,796.03	56.85	29.93	-21.63	961.07	248.95	2,707.41	2,645.80	61.62	43.940			
10,300.00	7,186.56	6,825.00	6,796.03	58.10	29.93	-21.63	961.07	248.95	2,806.29	2,744.60	61.69	45.492			
10,400.00	7,186.09	6,813.42	6,784.65	59.37	29.89	-21.22	962.35	250.68	2,905.07	2,843.37	61.70	47.082			
10,500.00	7,185.63	6,811.62	6,782.87	60.64	29.88	-21.16	962.55	250.92	3,004.03	2,942.27	61.76	48.639			
10,600.00	7,185.16	6,800.00	6,771.41	61.93	29.84	-20.78	963.84	252.30	3,103.18	3,041.41	61.78	50.231			
10,700.00	7,184.70	6,800.00	6,771.41	63.23	29.84	-20.78	963.84	252.30	3,202.22	3,140.38	61.84	51.779			
10,800.00	7,184.23	6,800.00	6,771.41	64.54	29.84	-20.78	963.84	252.30	3,301.32	3,239.41	61.91	53.326			
10,900.00	7,183.77	6,800.00	6,771.41	65.85	29.84	-20.78	963.84	252.30	3,400.47	3,338.50	61.97	54.871			
11,000.00	7,183.30	6,800.00	6,771.41	67.18	29.84	-20.78	963.84	252.30	3,499.67	3,437.63	62.03	56.415			
11,100.00	7,182.84	6,800.00	6,771.41	68.51	29.84	-20.78	963.84	252.30	3,598.91	3,536.81	62.10	57.957			
11,200.00	7,182.37	6,800.00	6,771.41	69.85	29.84	-20.78	963.84	252.30	3,698.19	3,636.04	62.16	59.497			
11,300.00	7,181.91	6,800.00	6,771.41	71.20	29.84	-20.78	963.84	252.30	3,797.52	3,735.30	62.22	61.035			
11,400.00	7,181.45	6,800.00	6,771.41	72.56	29.84	-20.78	963.84	252.30	3,896.87	3,834.59	62.28	62.570			
11,500.00	7,180.98	6,800.00	6,771.41	73.92	29.84	-20.78	963.84	252.30	3,996.26	3,933.92	62.34	64.104			
11,600.00	7,180.52	6,800.00	6,771.41	75.29	29.84	-20.78	963.84	252.30	4,095.68	4,033.28	62.40	65.634			
11,700.00	7,180.05	6,800.00	6,771.41	76.66	29.84	-20.78	963.84	252.30	4,195.12	4,132.66	62.46	67.162			
11,800.00	7,179.59	6,800.00	6,771.41	78.04	29.84	-20.78	963.84	252.30	4,294.59	4,232.07	62.52	68.688			
11,900.00	7,179.12	6,800.00	6,771.41	79.42	29.84	-20.78	963.84	252.30	4,394.09	4,331.50	62.58	70.210			
12,000.00	7,178.66	6,800.00	6,771.41	80.81	29.84	-20.78	963.84	252.30	4,493.61	4,430.96	62.65	71.729			
12,100.00	7,178.19	6,800.00	6,771.41	82.20	29.84	-20.78	963.84	252.30	4,593.14	4,530.44	62.71	73.246			
12,200.00	7,177.73	6,800.00	6,771.41	83.60	29.84	-20.78	963.84	252.30	4,692.70	4,629.93	62.77	74.759			
12,300.00	7,177.26	6,800.00	6,771.41	85.00	29.84	-20.78	963.84	252.30	4,792.28	4,729.44	62.83	76.269			
12,400.00	7,176.80	6,800.00	6,771.41	86.41	29.84	-20.78	963.84	252.30	4,891.87	4,828.97	62.90	77.775			
12,500.00	7,176.33	6,800.00	6,771.41	87.82	29.84	-20.78	963.84	252.30	4,991.48	4,928.52	62.96	79.278			
12,600.00	7,175.87	6,800.00	6,771.41	89.23	29.84	-20.78	963.84	252.30	5,091.11	5,028.08	63.03	80.777			
12,700.00	7,175.40	6,788.03	6,759.57	90.65	29.80	-20.40	965.17	253.40	5,190.57	5,127.52	63.06	82.318			
12,800.00	7,174.94	6,787.39	6,758.93	92.07	29.79	-20.38	965.24	253.45	5,290.21	5,227.09	63.12	83.812			
12,900.00	7,174.48	6,786.76	6,758.31	93.49	29.79	-20.36	965.31	253.50	5,389.85	5,326.67	63.18	85.303			
13,000.00	7,174.01	6,775.00	6,746.64	94.91	29.75	-20.00	966.61	254.24	5,489.66	5,426.45	63.22	86.838			
13,100.00	7,173.55	6,775.00	6,746.64	96.34	29.75	-20.00	966.61	254.24	5,589.32	5,526.03	63.29	88.319			
13,200.00	7,173.08	6,775.00	6,746.64	97.77	29.75	-20.00	966.61	254.24	5,688.98	5,625.63	63.35	89.796			
13,300.00	7,172.62	6,775.00	6,746.64	99.21	29.75	-20.00	966.61	254.24	5,788.66	5,725.24	63.42	91.269			
13,400.00	7,172.15	6,775.00	6,746.64	100.64	29.75	-20.00	966.61	254.24	5,888.35	5,824.86	63.49	92.738			
13,500.00	7,171.69	6,775.00	6,746.64	102.08	29.75	-20.00	966.61	254.24	5,988.05	5,924.49	63.57	94.203			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,600.00	7,171.22	6,775.00	6,746.64	103.52	29.75	-20.00	966.61	254.24	6,087.76	6,024.12	63.64	95.663		
13,700.00	7,170.76	6,775.00	6,746.64	104.97	29.75	-20.00	966.61	254.24	6,187.48	6,123.77	63.71	97.120		
13,800.00	7,170.29	6,775.00	6,746.64	106.41	29.75	-20.00	966.61	254.24	6,287.21	6,223.42	63.78	98.572		
13,900.00	7,169.83	6,775.00	6,746.64	107.86	29.75	-20.00	966.61	254.24	6,386.94	6,323.09	63.86	100.020		
14,000.00	7,169.36	6,775.00	6,746.64	109.31	29.75	-20.00	966.61	254.24	6,486.69	6,422.75	63.93	101.463		
14,100.00	7,168.90	6,775.00	6,746.64	110.76	29.75	-20.00	966.61	254.24	6,586.44	6,522.43	64.01	102.902		
14,200.00	7,168.44	6,775.00	6,746.64	112.21	29.75	-20.00	966.61	254.24	6,686.20	6,622.11	64.08	104.337		
14,300.00	7,167.97	6,775.00	6,746.64	113.67	29.75	-20.00	966.61	254.24	6,785.96	6,721.80	64.16	105.767		
14,400.00	7,167.51	6,775.00	6,746.64	115.12	29.75	-20.00	966.61	254.24	6,885.74	6,821.50	64.24	107.192		
14,500.00	7,167.04	6,775.00	6,746.64	116.58	29.75	-20.00	966.61	254.24	6,985.52	6,921.20	64.32	108.613		
14,600.00	7,166.58	6,775.00	6,746.64	118.04	29.75	-20.00	966.61	254.24	7,085.30	7,020.91	64.39	110.029		
14,700.00	7,166.11	6,775.00	6,746.64	119.50	29.75	-20.00	966.61	254.24	7,185.09	7,120.62	64.47	111.440		
14,800.00	7,165.65	6,775.00	6,746.64	120.97	29.75	-20.00	966.61	254.24	7,284.89	7,220.34	64.56	112.847		
14,900.00	7,165.18	6,775.00	6,746.64	122.43	29.75	-20.00	966.61	254.24	7,384.69	7,320.06	64.64	114.249		
15,000.00	7,164.72	6,775.00	6,746.64	123.90	29.75	-20.00	966.61	254.24	7,484.50	7,419.78	64.72	115.646		
15,100.00	7,164.25	6,775.00	6,746.64	125.36	29.75	-20.00	966.61	254.24	7,584.32	7,519.51	64.80	117.039		
15,200.00	7,163.79	6,775.00	6,746.64	126.83	29.75	-20.00	966.61	254.24	7,684.13	7,619.25	64.89	118.426		
15,300.00	7,163.32	6,775.00	6,746.64	128.30	29.75	-20.00	966.61	254.24	7,783.96	7,718.99	64.97	119.809		
15,400.00	7,162.86	6,775.00	6,746.64	129.77	29.75	-20.00	966.61	254.24	7,883.78	7,818.73	65.05	121.187		
15,500.00	7,162.39	6,775.00	6,746.64	131.24	29.75	-20.00	966.61	254.24	7,983.62	7,918.48	65.14	122.560		
15,600.00	7,161.93	6,775.00	6,746.64	132.71	29.75	-20.00	966.61	254.24	8,083.45	8,018.22	65.23	123.928		
15,700.00	7,161.47	6,775.00	6,746.64	134.19	29.75	-20.00	966.61	254.24	8,183.29	8,117.98	65.31	125.291		
15,800.00	7,161.00	6,775.00	6,746.64	135.66	29.75	-20.00	966.61	254.24	8,283.14	8,217.73	65.40	126.648		
15,900.00	7,160.54	6,775.00	6,746.64	137.14	29.75	-20.00	966.61	254.24	8,382.98	8,317.49	65.49	128.001		
16,000.00	7,160.07	6,775.00	6,746.64	138.61	29.75	-20.00	966.61	254.24	8,482.83	8,417.25	65.58	129.349		
16,100.00	7,159.61	6,775.00	6,746.64	140.09	29.75	-20.00	966.61	254.24	8,582.69	8,517.02	65.67	130.692		
16,200.00	7,159.14	6,775.00	6,746.64	141.57	29.75	-20.00	966.61	254.24	8,682.55	8,616.78	65.76	132.030		
16,300.00	7,158.68	6,775.00	6,746.64	143.05	29.75	-20.00	966.61	254.24	8,782.41	8,716.55	65.85	133.362		
16,400.00	7,158.21	6,775.00	6,746.64	144.53	29.75	-20.00	966.61	254.24	8,882.27	8,816.33	65.95	134.690		
16,500.00	7,157.75	6,775.00	6,746.64	146.01	29.75	-20.00	966.61	254.24	8,982.14	8,916.10	66.04	136.012		
16,600.00	7,157.28	6,775.00	6,746.64	147.49	29.75	-20.00	966.61	254.24	9,082.01	9,015.88	66.13	137.329		
16,700.00	7,156.82	6,775.00	6,746.64	148.97	29.75	-20.00	966.61	254.24	9,181.88	9,115.65	66.23	138.641		
16,800.00	7,156.35	6,775.00	6,746.64	150.45	29.75	-20.00	966.61	254.24	9,281.76	9,215.43	66.32	139.948		
16,900.00	7,155.89	6,775.00	6,746.64	151.94	29.75	-20.00	966.61	254.24	9,381.64	9,315.22	66.42	141.250		
17,000.00	7,155.43	6,775.00	6,746.64	153.42	29.75	-20.00	966.61	254.24	9,481.52	9,415.00	66.52	142.546		
17,100.00	7,154.96	6,775.00	6,746.64	154.90	29.75	-20.00	966.61	254.24	9,581.40	9,514.79	66.61	143.837		
17,200.00	7,154.50	6,775.00	6,746.64	156.39	29.75	-20.00	966.61	254.24	9,681.29	9,614.58	66.71	145.123		
17,300.00	7,154.03	6,775.00	6,746.64	157.88	29.75	-20.00	966.61	254.24	9,781.17	9,714.36	66.81	146.404		
17,400.00	7,153.57	6,775.00	6,746.64	159.36	29.75	-20.00	966.61	254.24	9,881.06	9,814.16	66.91	147.680		
17,500.00	7,153.10	6,775.00	6,746.64	160.85	29.75	-20.00	966.61	254.24	9,980.96	9,913.95	67.01	148.950		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	3.40	1,015.68	60.37	1,017.68					
100.00	100.00	79.40	79.40	3.28	3.28	3.40	1,015.68	60.37	1,017.48	1,010.91	6.57	154.897		
200.00	200.00	179.40	179.40	3.34	3.33	3.40	1,015.68	60.37	1,017.48	1,010.81	6.66	152.687		
300.00	300.00	279.40	279.40	3.44	3.43	3.40	1,015.68	60.37	1,017.48	1,010.60	6.87	148.050		
400.00	400.00	379.40	379.40	3.60	3.58	3.40	1,015.68	60.37	1,017.48	1,010.29	7.18	141.649		
500.00	499.99	479.39	479.39	3.80	3.78	63.45	1,015.68	60.37	1,017.09	1,009.51	7.58	134.168		
600.00	599.96	579.36	579.36	4.03	4.02	63.59	1,015.68	60.37	1,015.92	1,007.87	8.05	126.159		
700.00	699.86	679.26	679.26	4.30	4.29	63.83	1,015.68	60.37	1,013.98	1,005.40	8.59	118.055		
790.00	789.74	769.14	769.14	4.57	4.55	64.07	1,015.68	60.37	1,011.91	1,002.80	9.12	110.986		
800.00	799.73	779.13	779.13	4.60	4.58	60.96	1,015.68	60.37	1,011.67	1,002.49	9.18	110.221		
900.00	899.50	878.90	878.90	4.92	4.90	40.16	1,015.68	60.37	1,007.31	997.50	9.81	102.649		
1,000.00	999.05	978.45	978.45	5.26	5.23	30.29	1,015.68	60.37	999.51	989.03	10.49	95.325		
1,077.14	1,075.61	1,055.01	1,055.01	5.53	5.50	25.96	1,015.68	60.37	991.16	980.13	11.02	89.907		
1,100.00	1,098.26	1,077.66	1,077.66	5.61	5.58	26.03	1,015.68	60.37	988.38	977.19	11.19	88.346		
1,200.00	1,197.35	1,176.75	1,176.75	5.98	5.93	26.38	1,015.68	60.37	976.26	964.35	11.91	81.989		
1,300.00	1,296.44	1,275.84	1,275.84	6.35	6.30	26.74	1,015.68	60.37	964.18	951.53	12.65	76.232		
1,400.00	1,395.52	1,374.92	1,374.92	6.73	6.67	27.10	1,015.68	60.37	952.13	938.72	13.41	71.021		
1,500.00	1,494.61	1,474.01	1,474.01	7.12	7.06	27.47	1,015.68	60.37	940.12	925.94	14.18	66.301		
1,600.00	1,593.70	1,573.10	1,573.10	7.52	7.44	27.86	1,015.68	60.37	928.16	913.19	14.97	62.021		
1,700.00	1,692.78	1,672.18	1,672.18	7.93	7.84	28.25	1,015.68	60.37	916.23	900.47	15.76	58.130		
1,800.00	1,791.87	1,771.27	1,771.27	8.33	8.23	28.65	1,015.68	60.37	904.35	887.78	16.57	54.587		
1,900.00	1,890.95	1,870.35	1,870.35	8.75	8.63	29.07	1,015.68	60.37	892.51	875.13	17.38	51.352		
2,000.00	1,990.04	1,969.44	1,969.44	9.16	9.04	29.49	1,015.68	60.37	880.73	862.53	18.20	48.390		
2,100.00	2,089.13	2,068.53	2,068.53	9.58	9.44	29.93	1,015.68	60.37	868.99	849.96	19.03	45.673		
2,200.00	2,188.21	2,167.61	2,167.61	10.01	9.85	30.38	1,015.68	60.37	857.30	837.44	19.86	43.172		
2,300.00	2,287.30	2,266.70	2,266.70	10.43	10.26	30.84	1,015.68	60.37	845.67	824.97	20.69	40.867		
2,400.00	2,386.39	2,365.79	2,365.79	10.86	10.68	31.31	1,015.68	60.37	834.09	812.56	21.53	38.735		
2,500.00	2,485.47	2,464.87	2,464.87	11.29	11.09	31.80	1,015.68	60.37	822.57	800.19	22.38	36.761		
2,600.00	2,584.56	2,563.96	2,563.96	11.72	11.51	32.30	1,015.68	60.37	811.11	787.89	23.22	34.928		
2,700.00	2,683.65	2,663.05	2,663.05	12.15	11.93	32.82	1,015.68	60.37	799.72	775.64	24.07	33.222		
2,800.00	2,782.73	2,762.13	2,762.13	12.58	12.34	33.35	1,015.68	60.37	788.39	763.46	24.92	31.632		
2,900.00	2,881.82	2,861.22	2,861.22	13.02	12.76	33.89	1,015.68	60.37	777.12	751.35	25.78	30.147		
3,000.00	2,980.91	2,960.31	2,960.31	13.45	13.18	34.45	1,015.68	60.37	765.93	739.30	26.63	28.758		
3,100.00	3,079.99	3,059.39	3,059.39	13.89	13.61	35.03	1,015.68	60.37	754.82	727.33	27.49	27.457		
3,200.00	3,179.08	3,158.48	3,158.48	14.33	14.03	35.62	1,015.68	60.37	743.78	715.43	28.35	26.235		
3,300.00	3,278.17	3,257.57	3,257.57	14.76	14.45	36.24	1,015.68	60.37	732.83	703.62	29.21	25.087		
3,400.00	3,377.25	3,356.65	3,356.65	15.20	14.87	36.87	1,015.68	60.37	721.96	691.89	30.07	24.006		
3,500.00	3,476.34	3,455.74	3,455.74	15.64	15.30	37.52	1,015.68	60.37	711.18	680.25	30.94	22.987		
3,600.00	3,575.43	3,554.83	3,554.83	16.08	15.72	38.19	1,015.68	60.37	700.50	668.70	31.80	22.026		
3,700.00	3,674.51	3,653.91	3,653.91	16.53	16.15	38.88	1,015.68	60.37	689.91	657.24	32.67	21.119		
3,800.00	3,773.60	3,753.00	3,753.00	16.97	16.58	39.59	1,015.68	60.37	679.43	645.89	33.54	20.260		
3,900.00	3,872.69	3,852.09	3,852.09	17.41	17.00	40.32	1,015.68	60.37	669.05	634.65	34.40	19.448		
4,000.00	3,971.77	3,951.17	3,951.17	17.85	17.43	41.08	1,015.68	60.37	658.79	623.52	35.27	18.678		
4,100.00	4,070.86	4,050.26	4,050.26	18.29	17.86	41.85	1,015.68	60.37	648.64	612.50	36.14	17.948		
4,200.00	4,169.95	4,149.35	4,149.35	18.74	18.28	42.66	1,015.68	60.37	638.62	601.61	37.01	17.255		
4,300.00	4,269.03	4,248.43	4,248.43	19.18	18.71	43.49	1,015.68	60.37	628.73	590.85	37.88	16.598		
4,400.00	4,368.12	4,347.52	4,347.52	19.63	19.14	44.34	1,015.68	60.37	618.97	580.22	38.75	15.973		
4,500.00	4,467.21	4,446.61	4,446.61	20.07	19.57	45.23	1,015.68	60.37	609.35	569.73	39.62	15.379		
4,600.00	4,566.29	4,545.69	4,545.69	20.52	20.00	46.14	1,015.68	60.37	599.89	559.40	40.49	14.814		
4,700.00	4,665.38	4,644.78	4,644.78	20.96	20.43	47.07	1,015.68	60.37	590.58	549.21	41.37	14.277		
4,800.00	4,764.47	4,743.87	4,743.87	21.41	20.85	48.04	1,015.68	60.37	581.43	539.20	42.24	13.766		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		LEFFLER 8-21 PAD - LEFFLER FE 20-062HN - OH - PLAN #1											Offset Site Error:		0.00 ft
Survey Program:		0-MWD											Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
4,900.00	4,863.55	4,842.95	4,842.95	21.85	21.28	49.04	1,015.68	60.37	572.46	529.35	43.11	13.279			
5,000.00	4,962.64	4,942.04	4,942.04	22.30	21.71	50.07	1,015.68	60.37	563.66	519.68	43.98	12.816			
5,100.00	5,061.73	5,041.13	5,041.13	22.74	22.14	51.13	1,015.68	60.37	555.06	510.20	44.86	12.374			
5,200.00	5,160.81	5,140.21	5,140.21	23.19	22.57	52.23	1,015.68	60.37	546.65	500.92	45.73	11.954			
5,300.00	5,259.90	5,239.30	5,239.30	23.64	23.00	53.35	1,015.68	60.37	538.45	491.84	46.60	11.554			
5,400.00	5,358.99	5,338.39	5,338.39	24.08	23.43	54.52	1,015.68	60.37	530.46	482.98	47.47	11.174			
5,500.00	5,458.07	5,437.47	5,437.47	24.53	23.87	55.71	1,015.68	60.37	522.70	474.35	48.35	10.811			
5,600.00	5,557.16	5,536.01	5,536.01	24.98	24.29	56.94	1,015.66	60.43	515.19	465.98	49.21	10.468			
5,700.00	5,656.25	5,631.48	5,631.47	25.42	24.69	58.27	1,015.31	61.42	508.25	458.19	50.06	10.153			
5,800.00	5,755.33	5,722.31	5,722.17	25.87	25.06	59.96	1,013.78	65.76	502.92	452.03	50.88	9.884			
5,900.00	5,854.42	5,811.74	5,811.17	26.32	25.42	62.09	1,010.86	74.00	499.83	448.16	51.68	9.673			
5,961.60	5,915.45	5,865.99	5,864.92	26.59	25.65	63.60	1,008.41	80.91	499.27	447.12	52.14	9.575			
6,000.00	5,953.51	5,899.44	5,897.95	26.77	25.79	64.61	1,006.65	85.88	499.50	447.07	52.43	9.528			
6,100.00	6,052.59	5,985.08	5,982.05	27.21	26.15	67.45	1,001.26	101.10	502.48	449.37	53.11	9.461			
6,200.00	6,151.68	6,068.42	6,063.11	27.66	26.51	70.53	994.81	119.31	509.32	455.62	53.70	9.484			
6,300.00	6,250.76	6,149.23	6,140.84	28.11	26.87	73.73	987.44	140.13	520.53	466.36	54.17	9.609			
6,400.00	6,349.85	6,227.36	6,215.03	28.56	27.22	76.98	979.27	163.19	536.52	482.02	54.50	9.845			
6,500.00	6,448.94	6,303.01	6,285.87	29.01	27.58	80.21	970.40	188.23	557.54	502.87	54.67	10.198			
6,589.36	6,537.48	7,366.45	6,977.08	29.41	34.23	35.02	861.56	-291.25	480.67	461.51	19.15	25.094			
6,600.00	6,548.03	7,366.85	6,977.08	29.45	34.24	22.48	861.55	-291.65	470.18	450.83	19.36	24.290			
6,650.00	6,597.61	7,366.34	6,977.08	29.67	34.23	-35.65	861.56	-291.15	421.00	400.58	20.43	20.609			
6,700.00	6,647.01	7,361.91	6,977.08	29.89	34.17	-75.49	861.64	-286.72	372.24	350.48	21.76	17.109			
6,750.00	6,695.92	7,353.59	6,977.08	30.10	34.05	-97.36	861.78	-278.40	324.29	300.83	23.46	13.823			
6,800.00	6,744.04	7,341.43	6,977.08	30.31	33.87	-109.01	861.99	-266.24	277.59	251.88	25.71	10.795			
6,850.00	6,791.07	7,325.50	6,977.08	30.51	33.65	-114.72	862.27	-250.32	232.69	203.89	28.79	8.081			
6,900.00	6,836.72	7,307.37	6,977.04	30.71	33.37	-116.82	862.59	-232.19	190.26	157.14	33.12	5.745			
6,950.00	6,880.71	7,279.97	6,976.80	30.90	33.04	-113.18	863.10	-204.79	151.28	111.90	39.38	3.842			
7,000.00	6,922.77	7,252.29	6,975.53	31.08	32.69	-106.29	863.76	-177.15	117.28	68.88	48.39	2.423			
7,050.00	6,962.63	7,224.39	6,973.20	31.27	32.38	-95.78	864.58	-149.36	92.50	33.49	59.01	1.568			
7,096.72	6,997.69	7,198.20	6,970.05	31.43	32.09	-82.98	865.49	-123.38	83.82	20.26	63.55	1.319	Level 3, CC, ES, SF		
7,100.00	7,000.07	7,196.39	6,969.79	31.44	32.07	-82.03	865.55	-121.59	83.86	20.41	63.45	1.322	Level 3		
7,150.00	7,034.83	7,169.68	6,965.17	31.62	31.80	-67.44	866.68	-95.31	94.65	38.53	56.12	1.687			
7,200.00	7,066.72	7,144.28	6,959.33	31.79	31.56	-54.25	867.96	-70.62	119.12	72.89	46.23	2.577			
7,250.00	7,095.52	7,119.93	6,952.41	31.96	31.34	-43.59	869.37	-47.32	150.20	110.41	39.78	3.775			
7,300.00	7,121.07	7,096.43	6,944.54	32.13	31.15	-35.45	870.90	-25.24	184.07	147.40	36.67	5.020			
7,350.00	7,143.21	7,075.00	6,936.35	32.30	30.98	-29.52	872.44	-5.50	218.98	183.07	35.91	6.097			
7,400.00	7,161.80	7,050.00	6,925.61	32.47	30.80	-24.62	874.40	16.99	254.06	218.30	35.76	7.105			
7,450.00	7,176.72	7,029.77	6,916.00	32.64	30.67	-21.20	876.10	34.71	288.83	251.86	36.96	7.814			
7,500.00	7,187.89	7,008.52	6,905.06	32.82	30.54	-18.44	878.01	52.82	323.02	284.68	38.34	8.426			
7,550.00	7,195.23	6,987.64	6,893.47	32.99	30.43	-16.24	880.00	70.07	356.44	316.52	39.91	8.930			
7,600.00	7,198.70	6,967.09	6,881.29	33.17	30.32	-14.45	882.06	86.49	388.94	347.35	41.59	9.351			
7,622.60	7,199.00	6,957.90	6,875.60	33.25	30.28	-13.74	883.02	93.65	403.30	360.94	42.36	9.520			
7,700.00	7,198.64	6,925.00	6,854.05	33.54	30.13	-13.45	886.59	118.23	454.17	409.60	44.57	10.191			
7,800.00	7,198.17	6,900.00	6,836.49	33.98	30.03	-13.23	889.45	135.79	525.13	477.26	47.87	10.969			
7,900.00	7,197.71	6,866.15	6,811.19	34.47	29.91	-12.95	893.53	157.90	600.79	551.10	49.69	12.091			
8,000.00	7,197.24	6,841.44	6,791.70	35.03	29.82	-12.75	896.63	172.77	680.32	628.88	51.44	13.225			
8,100.00	7,196.78	6,825.00	6,778.29	35.64	29.76	-12.62	898.75	182.03	762.96	709.91	53.05	14.381			
8,200.00	7,196.31	6,800.00	6,757.26	36.30	29.68	-12.44	902.04	195.14	847.99	794.02	53.97	15.713			
8,300.00	7,195.85	6,785.21	6,744.48	37.01	29.63	-12.33	904.03	202.31	935.06	880.09	54.97	17.011			
8,400.00	7,195.38	6,775.00	6,735.53	37.77	29.60	-12.26	905.42	207.01	1,023.82	967.96	55.86	18.329			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-062HN - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,500.00	7,194.92	6,750.00	6,713.16	38.57	29.52	-12.09	908.87	217.62	1,114.00	1,057.77	56.24	19.809					
8,600.00	7,194.46	6,750.00	6,713.16	39.41	29.52	-12.09	908.87	217.62	1,205.16	1,148.13	57.03	21.133					
8,700.00	7,193.99	6,736.91	6,701.21	40.30	29.47	-12.01	910.70	222.66	1,297.35	1,239.91	57.44	22.585					
8,800.00	7,193.53	6,725.00	6,690.23	41.22	29.43	-11.93	912.38	226.93	1,390.39	1,332.59	57.80	24.053					
8,900.00	7,193.06	6,725.00	6,690.23	42.17	29.43	-11.93	912.38	226.93	1,484.15	1,425.88	58.27	25.470					
9,000.00	7,192.60	6,712.27	6,678.35	43.16	29.39	-11.85	914.19	231.17	1,578.44	1,519.94	58.50	26.980					
9,100.00	7,192.13	6,700.00	6,666.81	44.17	29.35	-11.78	915.94	234.91	1,673.34	1,614.63	58.71	28.502					
9,200.00	7,191.67	6,700.00	6,666.81	45.22	29.35	-11.78	915.94	234.91	1,768.60	1,709.59	59.02	29.968					
9,300.00	7,191.20	6,700.00	6,666.81	46.29	29.35	-11.78	915.94	234.91	1,864.36	1,805.08	59.28	31.450					
9,400.00	7,190.74	6,688.49	6,655.88	47.38	29.31	-11.71	917.59	238.13	1,960.36	1,900.95	59.41	32.997					
9,500.00	7,190.27	6,675.00	6,642.97	48.50	29.26	-11.64	919.53	241.54	2,056.83	1,997.32	59.51	34.562					
9,600.00	7,189.81	6,675.00	6,642.97	49.64	29.26	-11.64	919.53	241.54	2,153.39	2,093.68	59.71	36.067					
9,700.00	7,189.34	6,675.00	6,642.97	50.80	29.26	-11.64	919.53	241.54	2,250.25	2,190.37	59.88	37.579					
9,800.00	7,188.88	6,675.00	6,642.97	51.98	29.26	-11.64	919.53	241.54	2,347.38	2,287.34	60.04	39.098					
9,900.00	7,188.41	6,675.00	6,642.97	53.17	29.26	-11.64	919.53	241.54	2,444.73	2,384.55	60.18	40.622					
10,000.00	7,187.95	6,664.35	6,632.71	54.38	29.22	-11.58	921.07	243.94	2,542.14	2,481.89	60.25	42.193					
10,100.00	7,187.49	6,661.21	6,629.68	55.61	29.21	-11.56	921.52	244.60	2,639.79	2,579.43	60.36	43.736					
10,200.00	7,187.02	6,650.00	6,618.80	56.85	29.17	-11.50	923.15	246.79	2,737.67	2,677.25	60.41	45.315					
10,300.00	7,186.56	6,650.00	6,618.80	58.10	29.17	-11.50	923.15	246.79	2,835.54	2,775.01	60.53	46.848					
10,400.00	7,186.09	6,650.00	6,618.80	59.37	29.17	-11.50	923.15	246.79	2,933.56	2,872.93	60.63	48.383					
10,500.00	7,185.63	6,650.00	6,618.80	60.64	29.17	-11.50	923.15	246.79	3,031.70	2,970.97	60.73	49.919					
10,600.00	7,185.16	6,650.00	6,618.80	61.93	29.17	-11.50	923.15	246.79	3,129.97	3,069.14	60.83	51.456					
10,700.00	7,184.70	6,650.00	6,618.80	63.23	29.17	-11.50	923.15	246.79	3,228.34	3,167.42	60.92	52.994					
10,800.00	7,184.23	6,650.00	6,618.80	64.54	29.17	-11.50	923.15	246.79	3,326.81	3,265.80	61.01	54.532					
10,900.00	7,183.77	6,650.00	6,618.80	65.85	29.17	-11.50	923.15	246.79	3,425.36	3,364.27	61.09	56.070					
11,000.00	7,183.30	6,650.00	6,618.80	67.18	29.17	-11.50	923.15	246.79	3,524.00	3,462.83	61.17	57.608					
11,100.00	7,182.84	6,638.20	6,607.30	68.51	29.13	-11.44	924.86	248.78	3,622.53	3,561.33	61.21	59.186					
11,200.00	7,182.37	6,636.49	6,605.63	69.85	29.12	-11.43	925.11	249.04	3,721.26	3,659.98	61.28	60.727					
11,300.00	7,181.91	6,625.00	6,594.37	71.20	29.08	-11.38	926.78	250.64	3,820.17	3,758.86	61.31	62.306					
11,400.00	7,181.45	6,625.00	6,594.37	72.56	29.08	-11.38	926.78	250.64	3,918.98	3,857.59	61.39	63.837					
11,500.00	7,180.98	6,625.00	6,594.37	73.92	29.08	-11.38	926.78	250.64	4,017.84	3,956.38	61.47	65.367					
11,600.00	7,180.52	6,625.00	6,594.37	75.29	29.08	-11.38	926.78	250.64	4,116.76	4,055.22	61.54	66.895					
11,700.00	7,180.05	6,625.00	6,594.37	76.66	29.08	-11.38	926.78	250.64	4,215.73	4,154.12	61.61	68.421					
11,800.00	7,179.59	6,625.00	6,594.37	78.04	29.08	-11.38	926.78	250.64	4,314.75	4,253.06	61.69	69.945					
11,900.00	7,179.12	6,625.00	6,594.37	79.42	29.08	-11.38	926.78	250.64	4,413.81	4,352.05	61.76	71.467					
12,000.00	7,178.66	6,625.00	6,594.37	80.81	29.08	-11.38	926.78	250.64	4,512.92	4,451.08	61.83	72.986					
12,100.00	7,178.19	6,625.00	6,594.37	82.20	29.08	-11.38	926.78	250.64	4,612.06	4,550.15	61.90	74.503					
12,200.00	7,177.73	6,625.00	6,594.37	83.60	29.08	-11.38	926.78	250.64	4,711.24	4,649.26	61.98	76.017					
12,300.00	7,177.26	6,625.00	6,594.37	85.00	29.08	-11.38	926.78	250.64	4,810.45	4,748.40	62.05	77.529					
12,400.00	7,176.80	6,625.00	6,594.37	86.41	29.08	-11.38	926.78	250.64	4,909.69	4,847.58	62.12	79.037					
12,500.00	7,176.33	6,625.00	6,594.37	87.82	29.08	-11.38	926.78	250.64	5,008.97	4,946.78	62.19	80.543					
12,600.00	7,175.87	6,625.00	6,594.37	89.23	29.08	-11.38	926.78	250.64	5,108.27	5,046.01	62.26	82.045					
12,700.00	7,175.40	6,625.00	6,594.37	90.65	29.08	-11.38	926.78	250.64	5,207.60	5,145.27	62.33	83.544					
12,800.00	7,174.94	6,625.00	6,594.37	92.07	29.08	-11.38	926.78	250.64	5,306.96	5,244.55	62.41	85.040					
12,900.00	7,174.48	6,625.00	6,594.37	93.49	29.08	-11.38	926.78	250.64	5,406.34	5,343.86	62.48	86.532					
13,000.00	7,174.01	6,625.00	6,594.37	94.91	29.08	-11.38	926.78	250.64	5,505.74	5,443.19	62.55	88.021					
13,100.00	7,173.55	6,625.00	6,594.37	96.34	29.08	-11.38	926.78	250.64	5,605.16	5,542.54	62.62	89.506					
13,200.00	7,173.08	6,625.00	6,594.37	97.77	29.08	-11.38	926.78	250.64	5,704.60	5,641.91	62.70	90.987					
13,300.00	7,172.62	6,613.22	6,582.79	99.21	29.03	-11.32	928.49	251.97	5,803.89	5,741.16	62.74	92.508					
13,400.00	7,172.15	6,612.49	6,582.08	100.64	29.03	-11.31	928.60	252.04	5,903.35	5,840.54	62.81	93.985					
13,500.00	7,171.69	6,611.79	6,581.38	102.08	29.03	-11.31	928.70	252.11	6,002.83	5,939.94	62.88	95.457					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,600.00	7,171.22	6,600.00	6,569.76	103.52	28.98	-11.26	930.41	253.09	6,102.47	6,039.54	62.93	96.972		
13,700.00	7,170.76	6,600.00	6,569.76	104.97	28.98	-11.26	930.41	253.09	6,201.96	6,138.95	63.01	98.434		
13,800.00	7,170.29	6,600.00	6,569.76	106.41	28.98	-11.26	930.41	253.09	6,301.46	6,238.38	63.08	99.891		
13,900.00	7,169.83	6,600.00	6,569.76	107.86	28.98	-11.26	930.41	253.09	6,400.99	6,337.82	63.16	101.345		
14,000.00	7,169.36	6,600.00	6,569.76	109.31	28.98	-11.26	930.41	253.09	6,500.52	6,437.28	63.24	102.794		
14,100.00	7,168.90	6,600.00	6,569.76	110.76	28.98	-11.26	930.41	253.09	6,600.07	6,536.75	63.32	104.239		
14,200.00	7,168.44	6,600.00	6,569.76	112.21	28.98	-11.26	930.41	253.09	6,699.63	6,636.24	63.40	105.680		
14,300.00	7,167.97	6,600.00	6,569.76	113.67	28.98	-11.26	930.41	253.09	6,799.21	6,735.73	63.48	107.116		
14,400.00	7,167.51	6,600.00	6,569.76	115.12	28.98	-11.26	930.41	253.09	6,898.80	6,835.24	63.56	108.548		
14,500.00	7,167.04	6,600.00	6,569.76	116.58	28.98	-11.26	930.41	253.09	6,998.40	6,934.76	63.64	109.975		
14,600.00	7,166.58	6,600.00	6,569.76	118.04	28.98	-11.26	930.41	253.09	7,098.01	7,034.29	63.72	111.398		
14,700.00	7,166.11	6,600.00	6,569.76	119.50	28.98	-11.26	930.41	253.09	7,197.63	7,133.83	63.80	112.816		
14,800.00	7,165.65	6,600.00	6,569.76	120.97	28.98	-11.26	930.41	253.09	7,297.26	7,233.38	63.88	114.229		
14,900.00	7,165.18	6,600.00	6,569.76	122.43	28.98	-11.26	930.41	253.09	7,396.90	7,332.94	63.97	115.638		
15,000.00	7,164.72	6,600.00	6,569.76	123.90	28.98	-11.26	930.41	253.09	7,496.56	7,432.51	64.05	117.042		
15,100.00	7,164.25	6,600.00	6,569.76	125.36	28.98	-11.26	930.41	253.09	7,596.22	7,532.08	64.13	118.442		
15,200.00	7,163.79	6,600.00	6,569.76	126.83	28.98	-11.26	930.41	253.09	7,695.89	7,631.67	64.22	119.837		
15,300.00	7,163.32	6,600.00	6,569.76	128.30	28.98	-11.26	930.41	253.09	7,795.56	7,731.26	64.31	121.226		
15,400.00	7,162.86	6,600.00	6,569.76	129.77	28.98	-11.26	930.41	253.09	7,895.25	7,830.86	64.39	122.611		
15,500.00	7,162.39	6,600.00	6,569.76	131.24	28.98	-11.26	930.41	253.09	7,994.94	7,930.46	64.48	123.991		
15,600.00	7,161.93	6,600.00	6,569.76	132.71	28.98	-11.26	930.41	253.09	8,094.65	8,030.08	64.57	125.367		
15,700.00	7,161.47	6,600.00	6,569.76	134.19	28.98	-11.26	930.41	253.09	8,194.35	8,129.70	64.66	126.737		
15,800.00	7,161.00	6,600.00	6,569.76	135.66	28.98	-11.26	930.41	253.09	8,294.07	8,229.32	64.75	128.102		
15,900.00	7,160.54	6,600.00	6,569.76	137.14	28.98	-11.26	930.41	253.09	8,393.79	8,328.96	64.84	129.463		
16,000.00	7,160.07	6,600.00	6,569.76	138.61	28.98	-11.26	930.41	253.09	8,493.52	8,428.60	64.93	130.818		
16,100.00	7,159.61	6,600.00	6,569.76	140.09	28.98	-11.26	930.41	253.09	8,593.26	8,528.24	65.02	132.168		
16,200.00	7,159.14	6,600.00	6,569.76	141.57	28.98	-11.26	930.41	253.09	8,693.00	8,627.89	65.11	133.513		
16,300.00	7,158.68	6,600.00	6,569.76	143.05	28.98	-11.26	930.41	253.09	8,792.75	8,727.54	65.20	134.853		
16,400.00	7,158.21	6,600.00	6,569.76	144.53	28.98	-11.26	930.41	253.09	8,892.50	8,827.20	65.30	136.188		
16,500.00	7,157.75	6,600.00	6,569.76	146.01	28.98	-11.26	930.41	253.09	8,992.26	8,926.87	65.39	137.518		
16,600.00	7,157.28	6,600.00	6,569.76	147.49	28.98	-11.26	930.41	253.09	9,092.02	9,026.54	65.48	138.843		
16,700.00	7,156.82	6,600.00	6,569.76	148.97	28.98	-11.26	930.41	253.09	9,191.79	9,126.21	65.58	140.163		
16,800.00	7,156.35	6,600.00	6,569.76	150.45	28.98	-11.26	930.41	253.09	9,291.57	9,225.89	65.68	141.477		
16,900.00	7,155.89	6,600.00	6,569.76	151.94	28.98	-11.26	930.41	253.09	9,391.34	9,325.57	65.77	142.786		
17,000.00	7,155.43	6,600.00	6,569.76	153.42	28.98	-11.26	930.41	253.09	9,491.13	9,425.26	65.87	144.090		
17,100.00	7,154.96	6,600.00	6,569.76	154.90	28.98	-11.26	930.41	253.09	9,590.92	9,524.95	65.97	145.389		
17,200.00	7,154.50	6,600.00	6,569.76	156.39	28.98	-11.26	930.41	253.09	9,690.71	9,624.64	66.07	146.683		
17,300.00	7,154.03	6,600.00	6,569.76	157.88	28.98	-11.26	930.41	253.09	9,790.50	9,724.34	66.16	147.971		
17,400.00	7,153.57	6,600.00	6,569.76	159.36	28.98	-11.26	930.41	253.09	9,890.30	9,824.04	66.26	149.254		
17,500.00	7,153.10	6,600.00	6,569.76	160.85	28.98	-11.26	930.41	253.09	9,990.11	9,923.74	66.37	150.532		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.48 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
0.00	0.00	0.00	0.00	3.28	3.48	3.45	1,000.38	60.37	1,002.42						
100.00	100.00	79.20	79.20	3.28	3.48	3.45	1,000.38	60.37	1,002.20	995.43	6.77	148.070			
200.00	200.00	179.20	179.20	3.34	3.53	3.45	1,000.38	60.37	1,002.20	995.34	6.86	146.075			
300.00	300.00	279.20	279.20	3.44	3.62	3.45	1,000.38	60.37	1,002.20	995.14	7.06	141.876			
400.00	400.00	379.20	379.20	3.60	3.77	3.45	1,000.38	60.37	1,002.20	994.84	7.37	136.046			
500.00	499.99	479.19	479.19	3.80	3.96	63.50	1,000.38	60.37	1,001.81	994.06	7.75	129.184			
600.00	599.96	579.16	579.16	4.03	4.18	63.65	1,000.38	60.37	1,000.65	992.43	8.22	121.778			
700.00	699.86	679.06	679.06	4.30	4.44	63.89	1,000.38	60.37	998.72	989.97	8.74	114.225			
790.00	789.74	768.94	768.94	4.57	4.70	64.13	1,000.38	60.37	996.65	987.39	9.26	107.594			
800.00	799.73	778.93	778.93	4.60	4.73	61.02	1,000.38	60.37	996.41	987.08	9.32	106.874			
900.00	899.50	878.70	878.70	4.92	5.03	40.23	1,000.38	60.37	992.05	982.10	9.95	99.718			
1,000.00	999.05	978.25	978.25	5.26	5.36	30.36	1,000.38	60.37	984.26	973.65	10.61	92.748			
1,077.14	1,075.61	1,054.81	1,054.81	5.53	5.62	26.03	1,000.38	60.37	975.91	964.77	11.15	87.563			
1,100.00	1,098.26	1,077.46	1,077.46	5.61	5.70	26.11	1,000.38	60.37	973.14	961.83	11.31	86.066			
1,200.00	1,197.35	1,176.55	1,176.55	5.98	6.05	26.47	1,000.38	60.37	961.03	949.01	12.02	79.957			
1,300.00	1,296.44	1,275.64	1,275.64	6.35	6.41	26.83	1,000.38	60.37	948.95	936.20	12.75	74.407			
1,400.00	1,395.52	1,374.72	1,374.72	6.73	6.77	27.20	1,000.38	60.37	936.92	923.41	13.51	69.370			
1,500.00	1,494.61	1,473.81	1,473.81	7.12	7.15	27.58	1,000.38	60.37	924.92	910.65	14.27	64.798			
1,600.00	1,593.70	1,572.90	1,572.90	7.52	7.53	27.97	1,000.38	60.37	912.96	897.91	15.05	60.643			
1,700.00	1,692.78	1,671.98	1,671.98	7.93	7.92	28.37	1,000.38	60.37	901.05	885.21	15.85	56.861			
1,800.00	1,791.87	1,771.07	1,771.07	8.33	8.31	28.79	1,000.38	60.37	889.19	872.54	16.65	53.411			
1,900.00	1,890.95	1,870.15	1,870.15	8.75	8.71	29.21	1,000.38	60.37	877.37	859.91	17.46	50.257			
2,000.00	1,990.04	1,969.24	1,969.24	9.16	9.11	29.64	1,000.38	60.37	865.59	847.32	18.27	47.367			
2,100.00	2,089.13	2,068.33	2,068.33	9.58	9.52	30.09	1,000.38	60.37	853.87	834.78	19.10	44.713			
2,200.00	2,188.21	2,167.41	2,167.41	10.01	9.92	30.55	1,000.38	60.37	842.21	822.28	19.93	42.268			
2,300.00	2,287.30	2,266.50	2,266.50	10.43	10.33	31.02	1,000.38	60.37	830.59	809.83	20.76	40.013			
2,400.00	2,386.39	2,365.59	2,365.59	10.86	10.74	31.50	1,000.38	60.37	819.04	797.44	21.60	37.927			
2,500.00	2,485.47	2,464.67	2,464.67	11.29	11.15	32.00	1,000.38	60.37	807.54	785.11	22.44	35.993			
2,600.00	2,584.56	2,563.76	2,563.76	11.72	11.57	32.52	1,000.38	60.37	796.11	772.83	23.28	34.197			
2,700.00	2,683.65	2,662.85	2,662.85	12.15	11.98	33.04	1,000.38	60.37	784.74	760.61	24.13	32.525			
2,800.00	2,782.73	2,761.93	2,761.93	12.58	12.40	33.59	1,000.38	60.37	773.44	748.46	24.98	30.966			
2,900.00	2,881.82	2,861.02	2,861.02	13.02	12.82	34.15	1,000.38	60.37	762.21	736.38	25.83	29.509			
3,000.00	2,980.91	2,960.11	2,960.11	13.45	13.23	34.72	1,000.38	60.37	751.06	724.37	26.68	28.147			
3,100.00	3,079.99	3,059.19	3,059.19	13.89	13.65	35.32	1,000.38	60.37	739.98	712.44	27.54	26.869			
3,200.00	3,179.08	3,158.28	3,158.28	14.33	14.08	35.93	1,000.38	60.37	728.98	700.59	28.40	25.670			
3,300.00	3,278.17	3,257.37	3,257.37	14.76	14.50	36.56	1,000.38	60.37	718.07	688.81	29.26	24.543			
3,400.00	3,377.25	3,356.45	3,356.45	15.20	14.92	37.20	1,000.38	60.37	707.25	677.13	30.12	23.482			
3,500.00	3,476.34	3,455.54	3,455.54	15.64	15.34	37.87	1,000.38	60.37	696.52	665.54	30.98	22.482			
3,600.00	3,575.43	3,554.63	3,554.63	16.08	15.77	38.56	1,000.38	60.37	685.89	654.04	31.84	21.539			
3,700.00	3,674.51	3,653.71	3,653.71	16.53	16.19	39.27	1,000.38	60.37	675.36	642.65	32.71	20.647			
3,800.00	3,773.60	3,752.80	3,752.80	16.97	16.62	40.00	1,000.38	60.37	664.93	631.36	33.57	19.805			
3,900.00	3,872.69	3,851.89	3,851.89	17.41	17.04	40.76	1,000.38	60.37	654.62	620.18	34.44	19.007			
4,000.00	3,971.77	3,950.97	3,950.97	17.85	17.47	41.54	1,000.38	60.37	644.43	609.12	35.31	18.251			
4,100.00	4,070.86	4,050.06	4,050.06	18.29	17.89	42.34	1,000.38	60.37	634.36	598.18	36.18	17.535			
4,200.00	4,169.95	4,149.15	4,149.15	18.74	18.32	43.17	1,000.38	60.37	624.41	587.37	37.05	16.855			
4,300.00	4,269.03	4,248.23	4,248.23	19.18	18.75	44.03	1,000.38	60.37	614.61	576.69	37.91	16.210			
4,400.00	4,368.12	4,347.32	4,347.32	19.63	19.17	44.91	1,000.38	60.37	604.94	566.16	38.78	15.598			
4,500.00	4,467.21	4,446.41	4,446.41	20.07	19.60	45.83	1,000.38	60.37	595.42	555.77	39.65	15.015			
4,600.00	4,566.29	4,545.49	4,545.49	20.52	20.03	46.77	1,000.38	60.37	586.06	545.53	40.53	14.462			
4,700.00	4,665.38	4,644.58	4,644.58	20.96	20.46	47.74	1,000.38	60.37	576.86	535.47	41.40	13.935			
4,800.00	4,764.47	4,743.67	4,743.67	21.41	20.89	48.74	1,000.38	60.37	567.83	525.57	42.27	13.434			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.48 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.00	4,863.55	4,842.75	4,842.75	21.85	21.32	49.77	1,000.38	60.37	558.99	515.85	43.14	12.958		
5,000.00	4,962.64	4,941.84	4,941.84	22.30	21.74	50.84	1,000.38	60.37	550.33	506.32	44.01	12.504		
5,100.00	5,061.73	5,040.93	5,040.93	22.74	22.17	51.94	1,000.38	60.37	541.86	496.98	44.88	12.073		
5,200.00	5,160.81	5,140.01	5,140.01	23.19	22.60	53.07	1,000.38	60.37	533.61	487.85	45.76	11.662		
5,300.00	5,259.90	5,239.10	5,239.10	23.64	23.03	54.24	1,000.38	60.37	525.57	478.94	46.63	11.272		
5,400.00	5,358.99	5,338.19	5,338.19	24.08	23.46	55.45	1,000.38	60.37	517.76	470.26	47.50	10.900		
5,500.00	5,458.07	5,437.27	5,437.27	24.53	23.89	56.68	1,000.38	60.37	510.18	461.81	48.37	10.547		
5,600.00	5,557.16	5,537.21	5,537.21	24.98	24.32	57.99	1,000.27	60.46	502.82	453.58	49.24	10.212		
5,700.00	5,656.25	5,639.38	5,639.38	25.42	24.74	59.58	998.65	61.85	495.36	445.28	50.08	9.890		
5,800.00	5,755.33	5,741.90	5,741.90	25.87	25.14	61.79	993.34	66.41	487.53	436.62	50.92	9.575		
5,900.00	5,854.42	5,842.00	5,842.00	26.32	25.54	64.63	984.13	74.30	479.84	428.09	51.75	9.272		
6,000.00	5,953.51	5,939.22	5,939.22	26.77	25.94	68.05	971.42	85.21	473.11	420.52	52.59	8.996		
6,100.00	6,052.59	6,033.20	6,033.20	27.21	26.32	71.98	955.64	98.75	468.32	414.90	53.42	8.766		
6,197.59	6,149.29	6,121.55	6,121.55	27.65	26.70	76.21	937.69	114.14	466.54	412.34	54.20	8.608		
6,200.00	6,151.68	6,123.69	6,123.69	27.66	26.70	76.31	937.22	114.54	466.54	412.32	54.22	8.605		
6,300.00	6,250.76	6,210.48	6,210.48	28.11	27.08	80.91	916.63	132.20	468.88	413.95	54.93	8.536		
6,400.00	6,349.85	6,293.46	6,293.46	28.56	27.46	85.63	894.31	151.35	476.33	420.83	55.50	8.583		
6,500.00	6,448.94	6,372.58	6,372.58	29.01	27.84	90.33	870.66	171.63	489.71	433.84	55.86	8.766		
6,589.36	6,537.48	6,440.03	6,440.03	29.41	28.19	94.40	848.71	190.46	507.09	451.10	55.99	9.057		
6,600.00	6,548.03	6,447.89	6,447.89	29.45	28.23	94.40	846.05	192.74	509.43	453.44	55.99	9.099		
6,650.00	6,597.61	7,501.60	7,050.99	29.67	34.31	164.11	558.01	-285.60	504.57	478.58	25.99	19.411		
6,700.00	6,647.01	7,506.04	7,050.99	29.89	34.38	146.95	558.09	-281.16	460.84	432.19	28.65	16.085		
6,750.00	6,695.92	7,485.63	7,050.99	30.10	34.10	138.55	558.25	-272.83	418.84	387.24	31.60	13.255		
6,800.00	6,744.04	7,473.46	7,050.99	30.31	33.94	133.93	558.48	-260.66	379.22	344.05	35.17	10.783		
6,850.00	6,791.07	7,457.52	7,050.99	30.51	33.73	130.48	558.79	-244.73	342.66	303.39	39.27	8.726		
6,900.00	6,836.72	7,437.92	7,050.99	30.71	33.47	127.08	559.16	-225.13	309.95	266.10	43.85	7.069		
6,950.00	6,880.71	7,414.76	7,050.99	30.90	33.17	123.22	559.60	-201.98	281.91	233.20	48.71	5.787		
7,000.00	6,922.77	7,376.23	7,050.40	31.08	32.71	116.33	560.59	-163.47	259.05	205.49	53.56	4.837		
7,050.00	6,962.63	7,328.18	7,045.66	31.27	32.19	106.99	563.61	-115.78	240.16	182.03	58.13	4.131		
7,100.00	7,000.07	7,287.54	7,037.96	31.44	31.80	98.48	567.79	-76.10	226.19	164.66	61.54	3.676		
7,150.00	7,034.83	7,251.98	7,028.51	31.62	31.49	90.44	572.65	-42.17	218.33	155.36	62.97	3.467		
7,183.10	7,056.27	7,230.50	7,021.59	31.73	31.33	85.28	576.11	-22.13	216.82	154.18	62.64	3.461 CC, ES, SF		
7,200.00	7,066.72	7,220.04	7,017.91	31.79	31.26	82.69	577.93	-12.53	217.21	155.12	62.09	3.498		
7,250.00	7,095.52	7,190.82	7,006.50	31.96	31.12	75.19	583.51	13.80	222.79	163.57	59.23	3.762		
7,300.00	7,121.07	7,163.67	6,994.50	32.13	31.06	67.98	589.30	37.44	234.34	179.11	55.23	4.243		
7,350.00	7,143.21	7,138.18	6,982.03	32.30	31.01	61.17	595.25	58.86	250.77	199.67	51.09	4.908		
7,400.00	7,161.80	7,114.02	6,969.19	32.47	30.97	54.83	601.34	78.39	270.88	223.33	47.55	5.696		
7,450.00	7,176.72	7,090.98	6,956.04	32.64	30.93	49.05	607.53	96.27	293.62	248.61	45.01	6.524		
7,500.00	7,187.89	7,068.87	6,942.63	32.82	30.89	43.86	613.81	112.68	318.12	274.58	43.54	7.307		
7,550.00	7,195.23	7,047.57	6,929.01	32.99	30.84	39.26	620.16	127.77	343.72	300.67	43.05	7.985		
7,600.00	7,198.70	7,025.00	6,913.86	33.17	30.80	34.99	627.18	142.95	369.90	326.81	43.10	8.583		
7,622.60	7,199.00	7,017.85	6,908.92	33.25	30.78	33.58	629.47	147.58	381.81	338.16	43.65	8.748		
7,700.00	7,198.64	6,989.28	6,888.48	33.54	30.71	30.33	638.89	165.18	426.06	380.80	45.26	9.413		
7,800.00	7,198.17	6,958.55	6,865.38	33.98	30.62	26.95	649.50	182.43	491.86	444.13	47.73	10.306		
7,900.00	7,197.71	6,933.34	6,845.62	34.47	30.55	24.30	658.53	195.24	565.08	515.05	50.03	11.295		
8,000.00	7,197.24	6,912.40	6,828.73	35.03	30.48	22.19	666.22	204.92	643.78	591.81	51.97	12.388		
8,100.00	7,196.78	6,900.00	6,818.53	35.64	30.44	20.98	670.86	210.23	726.59	672.84	53.75	13.518		
8,200.00	7,196.31	6,875.00	6,797.57	36.30	30.36	18.66	680.37	219.97	812.42	757.80	54.62	14.875		
8,300.00	7,195.85	6,867.05	6,790.80	37.01	30.33	17.95	683.43	222.79	900.55	844.76	55.79	16.141		
8,400.00	7,195.38	6,850.00	6,776.13	37.77	30.27	16.47	690.07	228.39	990.60	934.15	56.45	17.547		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.48 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,500.00	7,194.92	6,850.00	6,776.13	38.57	30.27	16.47	690.07	228.39	1,082.01	1,024.66	57.35	18.868			
8,600.00	7,194.46	6,837.72	6,765.44	39.41	30.22	15.45	694.89	232.04	1,174.58	1,116.77	57.81	20.318			
8,700.00	7,193.99	6,825.00	6,754.27	40.30	30.17	14.43	699.93	235.47	1,268.16	1,209.99	58.17	21.799			
8,800.00	7,193.53	6,825.00	6,754.27	41.22	30.17	14.43	699.93	235.47	1,362.44	1,303.77	58.67	23.223			
8,900.00	7,193.06	6,825.00	6,754.27	42.17	30.17	14.43	699.93	235.47	1,457.48	1,398.40	59.07	24.672			
9,000.00	7,192.60	6,811.91	6,742.68	43.16	30.12	13.42	705.14	238.63	1,552.89	1,493.64	59.25	26.210			
9,100.00	7,192.13	6,800.00	6,732.08	44.17	30.07	12.53	709.91	241.17	1,648.92	1,589.51	59.41	27.755			
9,200.00	7,191.67	6,800.00	6,732.08	45.22	30.07	12.53	709.91	241.17	1,745.22	1,685.54	59.68	29.244			
9,300.00	7,191.20	6,800.00	6,732.08	46.29	30.07	12.53	709.91	241.17	1,841.91	1,782.00	59.91	30.746			
9,400.00	7,190.74	6,800.00	6,732.08	47.38	30.07	12.53	709.91	241.17	1,938.93	1,878.82	60.11	32.257			
9,500.00	7,190.27	6,800.00	6,732.08	48.50	30.07	12.53	709.91	241.17	2,036.24	1,975.96	60.29	33.776			
9,600.00	7,189.81	6,787.90	6,721.24	49.64	30.02	11.66	714.78	243.43	2,133.61	2,073.26	60.35	35.356			
9,700.00	7,189.34	6,775.00	6,709.61	50.80	29.96	10.76	719.99	245.48	2,231.41	2,171.02	60.39	36.948			
9,800.00	7,188.88	6,775.00	6,709.61	51.98	29.96	10.76	719.99	245.48	2,329.19	2,268.66	60.53	38.478			
9,900.00	7,188.41	6,775.00	6,709.61	53.17	29.96	10.76	719.99	245.48	2,427.15	2,366.49	60.66	40.012			
10,000.00	7,187.95	6,775.00	6,709.61	54.38	29.96	10.76	719.99	245.48	2,525.28	2,464.50	60.78	41.549			
10,100.00	7,187.49	6,775.00	6,709.61	55.61	29.96	10.76	719.99	245.48	2,623.54	2,562.65	60.89	43.088			
10,200.00	7,187.02	6,775.00	6,709.61	56.85	29.96	10.76	719.99	245.48	2,721.93	2,660.94	60.99	44.629			
10,300.00	7,186.56	6,775.00	6,709.61	58.10	29.96	10.76	719.99	245.48	2,820.44	2,759.35	61.09	46.171			
10,400.00	7,186.09	6,775.00	6,709.61	59.37	29.96	10.76	719.99	245.48	2,919.04	2,857.86	61.18	47.714			
10,500.00	7,185.63	6,775.00	6,709.61	60.64	29.96	10.76	719.99	245.48	3,017.74	2,956.47	61.26	49.258			
10,600.00	7,185.16	6,775.00	6,709.61	61.93	29.96	10.76	719.99	245.48	3,116.52	3,055.17	61.35	50.801			
10,700.00	7,184.70	6,764.10	6,699.75	63.23	29.91	10.04	724.40	246.93	3,215.22	3,153.85	61.37	52.391			
10,800.00	7,184.23	6,762.62	6,698.41	64.54	29.91	9.94	725.00	247.10	3,314.10	3,252.66	61.44	53.940			
10,900.00	7,183.77	6,761.22	6,697.14	65.85	29.90	9.85	725.57	247.26	3,413.04	3,351.53	61.51	55.487			
11,000.00	7,183.30	6,750.00	6,686.95	67.18	29.85	9.13	730.12	248.40	3,512.17	3,450.64	61.53	57.081			
11,100.00	7,182.84	6,750.00	6,686.95	68.51	29.85	9.13	730.12	248.40	3,611.18	3,549.58	61.60	58.619			
11,200.00	7,182.37	6,750.00	6,686.95	69.85	29.85	9.13	730.12	248.40	3,710.25	3,648.57	61.68	60.155			
11,300.00	7,181.91	6,750.00	6,686.95	71.20	29.85	9.13	730.12	248.40	3,809.37	3,747.62	61.75	61.690			
11,400.00	7,181.45	6,750.00	6,686.95	72.56	29.85	9.13	730.12	248.40	3,908.54	3,846.71	61.82	63.222			
11,500.00	7,180.98	6,750.00	6,686.95	73.92	29.85	9.13	730.12	248.40	4,007.74	3,945.85	61.89	64.753			
11,600.00	7,180.52	6,750.00	6,686.95	75.29	29.85	9.13	730.12	248.40	4,106.98	4,045.02	61.96	66.282			
11,700.00	7,180.05	6,750.00	6,686.95	76.66	29.85	9.13	730.12	248.40	4,206.26	4,144.23	62.03	67.808			
11,800.00	7,179.59	6,750.00	6,686.95	78.04	29.85	9.13	730.12	248.40	4,305.58	4,243.48	62.10	69.331			
11,900.00	7,179.12	6,750.00	6,686.95	79.42	29.85	9.13	730.12	248.40	4,404.92	4,342.75	62.17	70.852			
12,000.00	7,178.66	6,750.00	6,686.95	80.81	29.85	9.13	730.12	248.40	4,504.29	4,442.05	62.24	72.371			
12,100.00	7,178.19	6,750.00	6,686.95	82.20	29.85	9.13	730.12	248.40	4,603.69	4,541.39	62.31	73.886			
12,200.00	7,177.73	6,750.00	6,686.95	83.60	29.85	9.13	730.12	248.40	4,703.12	4,640.74	62.38	75.398			
12,300.00	7,177.26	6,750.00	6,686.95	85.00	29.85	9.13	730.12	248.40	4,802.57	4,740.12	62.45	76.907			
12,400.00	7,176.80	6,750.00	6,686.95	86.41	29.85	9.13	730.12	248.40	4,902.04	4,839.53	62.52	78.413			
12,500.00	7,176.33	6,750.00	6,686.95	87.82	29.85	9.13	730.12	248.40	5,001.53	4,938.95	62.58	79.916			
12,600.00	7,175.87	6,750.00	6,686.95	89.23	29.85	9.13	730.12	248.40	5,101.05	5,038.39	62.65	81.415			
12,700.00	7,175.40	6,750.00	6,686.95	90.65	29.85	9.13	730.12	248.40	5,200.58	5,137.85	62.72	82.911			
12,800.00	7,174.94	6,750.00	6,686.95	92.07	29.85	9.13	730.12	248.40	5,300.13	5,237.33	62.80	84.403			
12,900.00	7,174.48	6,750.00	6,686.95	93.49	29.85	9.13	730.12	248.40	5,399.69	5,336.83	62.87	85.891			
13,000.00	7,174.01	6,750.00	6,686.95	94.91	29.85	9.13	730.12	248.40	5,499.27	5,436.34	62.94	87.376			
13,100.00	7,173.55	6,750.00	6,686.95	96.34	29.85	9.13	730.12	248.40	5,598.87	5,535.86	63.01	88.857			
13,200.00	7,173.08	6,750.00	6,686.95	97.77	29.85	9.13	730.12	248.40	5,698.48	5,635.40	63.08	90.334			
13,300.00	7,172.62	6,750.00	6,686.95	99.21	29.85	9.13	730.12	248.40	5,798.10	5,734.95	63.16	91.807			
13,400.00	7,172.15	6,750.00	6,686.95	100.64	29.85	9.13	730.12	248.40	5,897.74	5,834.51	63.23	93.276			
13,500.00	7,171.69	6,750.00	6,686.95	102.08	29.85	9.13	730.12	248.40	5,997.39	5,934.09	63.30	94.741			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.48 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,600.00	7,171.22	6,750.00	6,686.95	103.52	29.85	9.13	730.12	248.40	6,097.05	6,033.67	63.38	96.201		
13,700.00	7,170.76	6,750.00	6,686.95	104.97	29.85	9.13	730.12	248.40	6,196.72	6,133.27	63.45	97.658		
13,800.00	7,170.29	6,750.00	6,686.95	106.41	29.85	9.13	730.12	248.40	6,296.40	6,232.87	63.53	99.110		
13,900.00	7,169.83	6,738.15	6,676.16	107.86	29.79	8.40	734.94	249.28	6,395.92	6,332.36	63.56	100.626		
14,000.00	7,169.36	6,737.73	6,675.77	109.31	29.79	8.38	735.11	249.31	6,495.61	6,431.98	63.64	102.072		
14,100.00	7,168.90	6,737.31	6,675.40	110.76	29.79	8.35	735.28	249.34	6,595.31	6,531.60	63.71	103.514		
14,200.00	7,168.44	6,736.91	6,675.03	112.21	29.79	8.33	735.45	249.36	6,695.02	6,631.23	63.79	104.952		
14,300.00	7,167.97	6,725.00	6,664.16	113.67	29.73	7.63	740.29	249.90	6,794.89	6,731.07	63.83	106.458		
14,400.00	7,167.51	6,725.00	6,664.16	115.12	29.73	7.63	740.29	249.90	6,894.60	6,830.70	63.91	107.885		
14,500.00	7,167.04	6,725.00	6,664.16	116.58	29.73	7.63	740.29	249.90	6,994.32	6,930.34	63.99	109.306		
14,600.00	7,166.58	6,725.00	6,664.16	118.04	29.73	7.63	740.29	249.90	7,094.05	7,029.98	64.07	110.724		
14,700.00	7,166.11	6,725.00	6,664.16	119.50	29.73	7.63	740.29	249.90	7,193.79	7,129.64	64.15	112.136		
14,800.00	7,165.65	6,725.00	6,664.16	120.97	29.73	7.63	740.29	249.90	7,293.53	7,229.30	64.24	113.544		
14,900.00	7,165.18	6,725.00	6,664.16	122.43	29.73	7.63	740.29	249.90	7,393.28	7,328.96	64.32	114.947		
15,000.00	7,164.72	6,725.00	6,664.16	123.90	29.73	7.63	740.29	249.90	7,493.04	7,428.63	64.40	116.345		
15,100.00	7,164.25	6,725.00	6,664.16	125.36	29.73	7.63	740.29	249.90	7,592.80	7,528.31	64.49	117.739		
15,200.00	7,163.79	6,725.00	6,664.16	126.83	29.73	7.63	740.29	249.90	7,692.57	7,628.00	64.57	119.128		
15,300.00	7,163.32	6,725.00	6,664.16	128.30	29.73	7.63	740.29	249.90	7,792.34	7,727.68	64.66	120.511		
15,400.00	7,162.86	6,725.00	6,664.16	129.77	29.73	7.63	740.29	249.90	7,892.13	7,827.38	64.75	121.890		
15,500.00	7,162.39	6,725.00	6,664.16	131.24	29.73	7.63	740.29	249.90	7,991.91	7,927.08	64.84	123.264		
15,600.00	7,161.93	6,725.00	6,664.16	132.71	29.73	7.63	740.29	249.90	8,091.70	8,026.78	64.92	124.633		
15,700.00	7,161.47	6,725.00	6,664.16	134.19	29.73	7.63	740.29	249.90	8,191.50	8,126.49	65.01	125.997		
15,800.00	7,161.00	6,725.00	6,664.16	135.66	29.73	7.63	740.29	249.90	8,291.30	8,226.20	65.10	127.355		
15,900.00	7,160.54	6,725.00	6,664.16	137.14	29.73	7.63	740.29	249.90	8,391.11	8,325.91	65.19	128.709		
16,000.00	7,160.07	6,725.00	6,664.16	138.61	29.73	7.63	740.29	249.90	8,490.92	8,425.63	65.29	130.058		
16,100.00	7,159.61	6,725.00	6,664.16	140.09	29.73	7.63	740.29	249.90	8,590.73	8,525.36	65.38	131.402		
16,200.00	7,159.14	6,725.00	6,664.16	141.57	29.73	7.63	740.29	249.90	8,690.55	8,625.08	65.47	132.740		
16,300.00	7,158.68	6,725.00	6,664.16	143.05	29.73	7.63	740.29	249.90	8,790.38	8,724.81	65.56	134.073		
16,400.00	7,158.21	6,725.00	6,664.16	144.53	29.73	7.63	740.29	249.90	8,890.20	8,824.55	65.66	135.402		
16,500.00	7,157.75	6,725.00	6,664.16	146.01	29.73	7.63	740.29	249.90	8,990.03	8,924.28	65.75	136.725		
16,600.00	7,157.28	6,725.00	6,664.16	147.49	29.73	7.63	740.29	249.90	9,089.87	9,024.02	65.85	138.043		
16,700.00	7,156.82	6,725.00	6,664.16	148.97	29.73	7.63	740.29	249.90	9,189.71	9,123.76	65.94	139.355		
16,800.00	7,156.35	6,725.00	6,664.16	150.45	29.73	7.63	740.29	249.90	9,289.55	9,223.51	66.04	140.663		
16,900.00	7,155.89	6,725.00	6,664.16	151.94	29.73	7.63	740.29	249.90	9,389.40	9,323.26	66.14	141.965		
17,000.00	7,155.43	6,725.00	6,664.16	153.42	29.73	7.63	740.29	249.90	9,489.24	9,423.01	66.24	143.262		
17,100.00	7,154.96	6,725.00	6,664.16	154.90	29.73	7.63	740.29	249.90	9,589.10	9,522.76	66.34	144.554		
17,200.00	7,154.50	6,725.00	6,664.16	156.39	29.73	7.63	740.29	249.90	9,688.95	9,622.52	66.44	145.840		
17,300.00	7,154.03	6,725.00	6,664.16	157.88	29.73	7.63	740.29	249.90	9,788.81	9,722.27	66.54	147.122		
17,400.00	7,153.57	6,725.00	6,664.16	159.36	29.73	7.63	740.29	249.90	9,888.67	9,822.03	66.64	148.398		
17,500.00	7,153.10	6,725.00	6,664.16	160.85	29.73	7.63	740.29	249.90	9,988.53	9,921.80	66.74	149.669		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	3.51	985.45	60.37	987.52					
100.00	100.00	78.90	78.90	3.28	3.28	3.51	985.45	60.37	987.29	980.73	6.57	150.303		
200.00	200.00	178.90	178.90	3.34	3.33	3.51	985.45	60.37	987.29	980.63	6.66	148.166		
300.00	300.00	278.90	278.90	3.44	3.43	3.51	985.45	60.37	987.29	980.42	6.87	143.672		
400.00	400.00	378.90	378.90	3.60	3.58	3.51	985.45	60.37	987.29	980.11	7.18	137.464		
500.00	499.99	478.89	478.89	3.80	3.78	63.55	985.45	60.37	986.91	979.33	7.58	130.205		
600.00	599.96	578.86	578.86	4.03	4.02	63.70	985.45	60.37	985.74	977.69	8.05	122.431		
700.00	699.86	678.76	678.76	4.30	4.29	63.95	985.45	60.37	983.82	975.23	8.59	114.561		
790.00	789.74	768.64	768.64	4.57	4.55	64.19	985.45	60.37	981.75	972.64	9.12	107.696		
800.00	799.73	778.63	778.63	4.60	4.58	61.09	985.45	60.37	981.51	972.33	9.18	106.953		
900.00	899.50	878.40	878.40	4.92	4.90	40.30	985.45	60.37	977.16	967.35	9.81	99.594		
1,000.00	999.05	977.95	977.95	5.26	5.23	30.43	985.45	60.37	969.38	958.89	10.48	92.467		
1,077.14	1,075.61	1,054.51	1,054.51	5.53	5.49	26.11	985.45	60.37	961.03	950.01	11.02	87.189		
1,100.00	1,098.26	1,077.16	1,077.16	5.61	5.57	26.19	985.45	60.37	958.26	947.08	11.19	85.668		
1,200.00	1,197.35	1,176.25	1,176.25	5.98	5.93	26.55	985.45	60.37	946.16	934.25	11.91	79.474		
1,300.00	1,296.44	1,275.34	1,275.34	6.35	6.30	26.92	985.45	60.37	934.09	921.45	12.65	73.865		
1,400.00	1,395.52	1,374.42	1,374.42	6.73	6.67	27.30	985.45	60.37	922.07	908.66	13.40	68.788		
1,500.00	1,494.61	1,473.51	1,473.51	7.12	7.05	27.69	985.45	60.37	910.08	895.90	14.18	64.192		
1,600.00	1,593.70	1,572.60	1,572.60	7.52	7.44	28.09	985.45	60.37	898.14	883.17	14.96	60.023		
1,700.00	1,692.78	1,671.68	1,671.68	7.93	7.84	28.50	985.45	60.37	886.24	870.48	15.76	56.235		
1,800.00	1,791.87	1,770.77	1,770.77	8.33	8.23	28.92	985.45	60.37	874.39	857.82	16.57	52.785		
1,900.00	1,890.95	1,869.85	1,869.85	8.75	8.63	29.35	985.45	60.37	862.58	845.20	17.38	49.636		
2,000.00	1,990.04	1,968.94	1,968.94	9.16	9.04	29.79	985.45	60.37	850.83	832.63	18.20	46.753		
2,100.00	2,089.13	2,068.03	2,068.03	9.58	9.44	30.25	985.45	60.37	839.12	820.10	19.02	44.108		
2,200.00	2,188.21	2,167.11	2,167.11	10.01	9.85	30.72	985.45	60.37	827.48	807.62	19.86	41.675		
2,300.00	2,287.30	2,266.20	2,266.20	10.43	10.26	31.20	985.45	60.37	815.88	795.19	20.69	39.432		
2,400.00	2,386.39	2,365.29	2,365.29	10.86	10.68	31.70	985.45	60.37	804.35	782.82	21.53	37.358		
2,500.00	2,485.47	2,464.37	2,464.37	11.29	11.09	32.21	985.45	60.37	792.88	770.51	22.37	35.438		
2,600.00	2,584.56	2,563.46	2,563.46	11.72	11.51	32.73	985.45	60.37	781.47	758.25	23.22	33.655		
2,700.00	2,683.65	2,662.55	2,662.55	12.15	11.92	33.28	985.45	60.37	770.13	746.06	24.07	31.996		
2,800.00	2,782.73	2,761.63	2,761.63	12.58	12.34	33.83	985.45	60.37	758.86	733.94	24.92	30.451		
2,900.00	2,881.82	2,860.72	2,860.72	13.02	12.76	34.41	985.45	60.37	747.67	721.89	25.78	29.007		
3,000.00	2,980.91	2,959.81	2,959.81	13.45	13.18	35.00	985.45	60.37	736.55	709.92	26.63	27.657		
3,100.00	3,079.99	3,058.89	3,058.89	13.89	13.60	35.61	985.45	60.37	725.51	698.02	27.49	26.393		
3,200.00	3,179.08	3,157.98	3,157.98	14.33	14.03	36.23	985.45	60.37	714.55	686.21	28.35	25.206		
3,300.00	3,278.17	3,257.07	3,257.07	14.76	14.45	36.88	985.45	60.37	703.69	674.48	29.21	24.091		
3,400.00	3,377.25	3,356.15	3,356.15	15.20	14.87	37.55	985.45	60.37	692.91	662.84	30.07	23.042		
3,500.00	3,476.34	3,455.24	3,455.24	15.64	15.30	38.24	985.45	60.37	682.23	651.30	30.94	22.054		
3,600.00	3,575.43	3,554.33	3,554.33	16.08	15.72	38.94	985.45	60.37	671.65	639.85	31.80	21.121		
3,700.00	3,674.51	3,653.41	3,653.41	16.53	16.15	39.68	985.45	60.37	661.18	628.52	32.67	20.241		
3,800.00	3,773.60	3,752.50	3,752.50	16.97	16.57	40.43	985.45	60.37	650.82	617.29	33.53	19.409		
3,900.00	3,872.69	3,851.59	3,851.59	17.41	17.00	41.21	985.45	60.37	640.58	606.18	34.40	18.622		
4,000.00	3,971.77	3,950.67	3,950.67	17.85	17.43	42.01	985.45	60.37	630.45	595.18	35.27	17.876		
4,100.00	4,070.86	4,049.76	4,049.76	18.29	17.85	42.84	985.45	60.37	620.46	584.32	36.14	17.170		
4,200.00	4,169.95	4,148.85	4,148.85	18.74	18.28	43.70	985.45	60.37	610.60	573.59	37.01	16.500		
4,300.00	4,269.03	4,247.93	4,247.93	19.18	18.71	44.59	985.45	60.37	600.88	563.00	37.88	15.864		
4,400.00	4,368.12	4,347.02	4,347.02	19.63	19.14	45.50	985.45	60.37	591.30	552.56	38.75	15.261		
4,500.00	4,467.21	4,446.11	4,446.11	20.07	19.57	46.44	985.45	60.37	581.89	542.27	39.62	14.688		
4,600.00	4,566.29	4,545.19	4,545.19	20.52	19.99	47.41	985.45	60.37	572.63	532.14	40.49	14.143		
4,700.00	4,665.38	4,644.28	4,644.28	20.96	20.42	48.42	985.45	60.37	563.55	522.19	41.36	13.625		
4,800.00	4,764.47	4,743.37	4,743.37	21.41	20.85	49.46	985.45	60.37	554.64	512.41	42.23	13.133		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.00	4,863.55	4,842.45	4,842.45	21.85	21.28	50.53	985.45	60.37	545.93	502.82	43.10	12.665		
5,000.00	4,962.64	4,941.54	4,941.54	22.30	21.71	51.63	985.45	60.37	537.41	493.43	43.98	12.220		
5,100.00	5,061.73	5,040.63	5,040.63	22.74	22.14	52.77	985.45	60.37	529.09	484.25	44.85	11.797		
5,200.00	5,160.81	5,139.71	5,139.71	23.19	22.57	53.94	985.45	60.37	521.00	475.28	45.72	11.395		
5,300.00	5,259.90	5,238.80	5,238.80	23.64	23.00	55.15	985.45	60.37	513.13	466.53	46.59	11.013		
5,400.00	5,358.99	5,342.17	5,342.17	24.08	23.44	56.48	985.14	60.49	505.33	457.87	47.46	10.647		
5,500.00	5,458.07	5,453.93	5,453.84	24.53	23.89	58.35	981.19	62.03	495.99	447.70	48.29	10.271		
5,600.00	5,557.16	5,565.91	5,565.31	24.98	24.33	60.94	971.38	65.87	484.33	435.26	49.07	9.869		
5,700.00	5,656.25	5,674.52	5,672.65	25.42	24.76	64.26	956.08	71.86	470.98	421.12	49.85	9.447		
5,800.00	5,755.33	5,779.25	5,775.11	25.87	25.18	68.29	935.96	79.74	456.93	406.26	50.66	9.019		
5,900.00	5,854.42	5,879.70	5,872.13	26.32	25.59	73.01	911.78	89.21	443.41	391.88	51.53	8.605		
6,000.00	5,953.51	5,975.61	5,963.37	26.77	26.00	78.32	884.29	99.97	431.89	379.44	52.46	8.234		
6,100.00	6,052.59	6,066.83	6,048.68	27.21	26.40	84.11	854.21	111.74	424.02	370.61	53.40	7.940		
6,190.50	6,142.26	6,145.30	6,120.75	27.62	26.77	89.59	825.34	123.05	421.44	367.23	54.20	7.775 CC		
6,200.00	6,151.68	6,153.31	6,128.04	27.66	26.81	90.17	822.23	124.26	421.47	367.19	54.28	7.765 ES		
6,300.00	6,250.76	6,235.09	6,201.58	28.11	27.22	96.30	788.94	137.30	425.77	370.80	54.96	7.746 SF		
6,400.00	6,349.85	6,312.64	6,269.86	28.56	27.63	102.32	754.71	150.70	438.04	382.70	55.34	7.916		
6,500.00	6,448.94	6,388.87	6,335.97	29.01	28.06	108.18	719.37	164.53	458.47	403.03	55.44	8.270		
6,589.36	6,537.48	6,458.43	6,395.86	29.41	28.48	113.28	686.42	177.44	482.99	427.55	55.43	8.713		
6,600.00	6,548.03	6,466.80	6,403.06	29.45	28.53	106.99	682.45	178.99	486.16	430.73	55.43	8.771		
6,650.00	6,597.61	6,506.56	6,437.29	29.67	28.77	75.46	663.61	186.36	499.71	444.31	55.40	9.020		
6,700.00	6,647.01	6,546.90	6,472.02	29.89	29.03	53.82	644.50	193.85	510.95	455.61	55.35	9.232		
6,750.00	6,695.92	6,587.56	6,507.02	30.10	29.29	43.00	625.23	201.39	519.87	464.61	55.26	9.407		
6,800.00	6,744.04	6,628.29	6,542.08	30.31	29.57	37.87	605.93	208.95	526.49	471.33	55.16	9.546		
6,850.00	6,791.07	6,668.84	6,576.99	30.51	29.84	35.63	586.71	216.47	530.86	475.85	55.01	9.650		
6,900.00	6,836.72	6,708.97	6,611.53	30.71	30.12	34.99	567.70	223.91	533.08	478.25	54.83	9.722		
6,950.00	6,880.71	6,748.41	6,645.48	30.90	30.40	35.36	549.01	231.23	533.29	478.67	54.63	9.763		
7,000.00	6,922.77	6,786.94	6,678.65	31.08	30.67	36.41	530.75	238.38	531.67	477.29	54.38	9.777		
7,050.00	6,962.63	6,882.54	6,761.63	31.27	31.35	42.60	484.97	250.10	527.09	470.29	56.80	9.279		
7,100.00	7,000.07	7,038.79	6,896.32	31.44	32.33	57.17	410.00	229.98	515.64	455.21	60.43	8.533		
7,150.00	7,034.83	7,094.98	6,941.96	31.62	32.61	63.69	384.38	209.65	501.90	441.03	60.87	8.245		
7,200.00	7,066.72	7,113.52	6,956.46	31.79	32.70	66.18	376.21	201.51	489.86	429.27	60.59	8.085		
7,250.00	7,095.52	7,117.51	6,959.55	31.96	32.72	66.90	374.46	199.66	480.48	420.59	59.89	8.023		
7,300.00	7,121.07	7,114.58	6,957.29	32.13	32.71	66.64	375.74	201.02	474.12	415.25	58.87	8.053		
7,350.00	7,143.21	7,107.90	6,952.09	32.30	32.67	65.77	378.67	204.05	470.89	413.26	57.63	8.170		
7,376.92	7,153.66	7,103.32	6,948.51	32.39	32.66	65.11	380.68	206.08	470.45	413.53	56.92	8.265		
7,400.00	7,161.80	7,098.99	6,945.12	32.47	32.63	64.46	382.60	207.95	470.77	414.47	56.30	8.362		
7,450.00	7,176.72	7,088.70	6,936.98	32.64	32.58	62.82	387.18	212.25	473.63	418.62	55.01	8.610		
7,500.00	7,187.89	7,077.52	6,928.02	32.82	32.53	60.96	392.21	216.68	479.27	425.38	53.89	8.894		
7,550.00	7,195.23	7,065.73	6,918.48	32.99	32.47	58.91	397.57	221.07	487.42	434.37	53.05	9.188		
7,600.00	7,198.70	7,053.53	6,908.51	33.17	32.41	56.75	403.17	225.29	497.78	445.22	52.56	9.471		
7,622.60	7,199.00	7,047.92	6,903.88	33.25	32.38	55.75	405.76	227.13	503.11	450.65	52.45	9.592		
7,700.00	7,198.64	7,030.80	6,889.64	33.54	32.28	53.85	413.74	232.32	526.93	474.33	52.60	10.018		
7,800.00	7,198.17	7,013.70	6,875.26	33.98	32.19	51.95	421.78	236.87	571.05	517.49	53.56	10.662		
7,900.00	7,197.71	7,000.00	6,863.63	34.47	32.11	50.43	428.28	240.04	627.52	572.67	54.85	11.441		
8,000.00	7,197.24	6,990.07	6,855.14	35.03	32.05	49.32	433.02	242.09	693.50	637.30	56.19	12.341		
8,100.00	7,196.78	6,981.58	6,847.85	35.64	32.00	48.38	437.08	243.66	766.63	709.27	57.35	13.367		
8,200.00	7,196.31	6,975.00	6,842.19	36.30	31.96	47.66	440.24	244.77	845.11	786.77	58.33	14.487		
8,300.00	7,195.85	6,975.00	6,842.19	37.01	31.96	47.66	440.24	244.77	927.69	868.40	59.29	15.646		
8,400.00	7,195.38	6,963.63	6,832.36	37.77	31.89	46.41	445.71	246.46	1,013.21	953.47	59.74	16.960		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-139HC - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,500.00	7,194.92	6,959.29	6,828.61	38.57	31.86	45.93	447.80	247.03	1,101.17	1,040.92	60.26	18.275					
8,600.00	7,194.46	6,950.00	6,820.54	39.41	31.81	44.92	452.29	248.10	1,191.04	1,130.47	60.56	19.666					
8,700.00	7,193.99	6,950.00	6,820.54	40.30	31.81	44.92	452.29	248.10	1,282.29	1,221.31	60.98	21.027					
8,800.00	7,193.53	6,950.00	6,820.54	41.22	31.81	44.92	452.29	248.10	1,374.76	1,313.43	61.33	22.417					
8,900.00	7,193.06	6,950.00	6,820.54	42.17	31.81	44.92	452.29	248.10	1,468.22	1,406.61	61.61	23.831					
9,000.00	7,192.60	6,950.00	6,820.54	43.16	31.81	44.92	452.29	248.10	1,562.49	1,500.64	61.85	25.264					
9,100.00	7,192.13	6,950.00	6,820.54	44.17	31.81	44.92	452.29	248.10	1,657.43	1,595.38	62.05	26.712					
9,200.00	7,191.67	6,940.25	6,812.06	45.22	31.74	43.87	457.00	249.01	1,752.80	1,690.70	62.09	28.228					
9,300.00	7,191.20	6,938.50	6,810.54	46.29	31.73	43.69	457.85	249.16	1,848.73	1,786.50	62.23	29.708					
9,400.00	7,190.74	6,936.90	6,809.14	47.38	31.72	43.51	458.62	249.28	1,945.06	1,882.71	62.35	31.195					
9,500.00	7,190.27	6,935.43	6,807.86	48.50	31.71	43.36	459.33	249.39	2,041.74	1,979.28	62.46	32.688					
9,600.00	7,189.81	6,925.00	6,798.76	49.64	31.64	42.25	464.39	250.02	2,138.83	2,076.37	62.46	34.243					
9,700.00	7,189.34	6,925.00	6,798.76	50.80	31.64	42.25	464.39	250.02	2,236.04	2,173.47	62.57	35.738					
9,800.00	7,188.88	6,925.00	6,798.76	51.98	31.64	42.25	464.39	250.02	2,333.49	2,270.82	62.67	37.237					
9,900.00	7,188.41	6,925.00	6,798.76	53.17	31.64	42.25	464.39	250.02	2,431.14	2,368.38	62.76	38.738					
10,000.00	7,187.95	6,925.00	6,798.76	54.38	31.64	42.25	464.39	250.02	2,528.98	2,466.14	62.84	40.243					
10,100.00	7,187.49	6,925.00	6,798.76	55.61	31.64	42.25	464.39	250.02	2,626.98	2,564.06	62.92	41.749					
10,200.00	7,187.02	6,925.00	6,798.76	56.85	31.64	42.25	464.39	250.02	2,725.13	2,662.13	63.00	43.256					
10,300.00	7,186.56	6,925.00	6,798.76	58.10	31.64	42.25	464.39	250.02	2,823.40	2,760.33	63.07	44.764					
10,400.00	7,186.09	6,925.00	6,798.76	59.37	31.64	42.25	464.39	250.02	2,921.79	2,858.65	63.14	46.273					
10,500.00	7,185.63	6,925.00	6,798.76	60.64	31.64	42.25	464.39	250.02	3,020.29	2,957.08	63.21	47.781					
10,600.00	7,185.16	6,925.00	6,798.76	61.93	31.64	42.25	464.39	250.02	3,118.89	3,055.61	63.28	49.290					
10,700.00	7,184.70	6,925.00	6,798.76	63.23	31.64	42.25	464.39	250.02	3,217.57	3,154.23	63.34	50.798					
10,800.00	7,184.23	6,925.00	6,798.76	64.54	31.64	42.25	464.39	250.02	3,316.33	3,252.93	63.40	52.305					
10,900.00	7,183.77	6,925.00	6,798.76	65.85	31.64	42.25	464.39	250.02	3,415.16	3,351.70	63.47	53.811					
11,000.00	7,183.30	6,925.00	6,798.76	67.18	31.64	42.25	464.39	250.02	3,514.06	3,450.53	63.53	55.316					
11,100.00	7,182.84	6,925.00	6,798.76	68.51	31.64	42.25	464.39	250.02	3,613.02	3,549.43	63.59	56.819					
11,200.00	7,182.37	6,925.00	6,798.76	69.85	31.64	42.25	464.39	250.02	3,712.03	3,648.38	63.65	58.321					
11,300.00	7,181.91	6,925.00	6,798.76	71.20	31.64	42.25	464.39	250.02	3,811.10	3,747.39	63.71	59.821					
11,400.00	7,181.45	6,925.00	6,798.76	72.56	31.64	42.25	464.39	250.02	3,910.21	3,846.44	63.77	61.319					
11,500.00	7,180.98	6,925.00	6,798.76	73.92	31.64	42.25	464.39	250.02	4,009.37	3,945.54	63.83	62.815					
11,600.00	7,180.52	6,925.00	6,798.76	75.29	31.64	42.25	464.39	250.02	4,108.57	4,044.68	63.89	64.308					
11,700.00	7,180.05	6,925.00	6,798.76	76.66	31.64	42.25	464.39	250.02	4,207.81	4,143.86	63.95	65.799					
11,800.00	7,179.59	6,925.00	6,798.76	78.04	31.64	42.25	464.39	250.02	4,307.08	4,243.07	64.01	67.288					
11,900.00	7,179.12	6,925.00	6,798.76	79.42	31.64	42.25	464.39	250.02	4,406.38	4,342.31	64.07	68.774					
12,000.00	7,178.66	6,925.00	6,798.76	80.81	31.64	42.25	464.39	250.02	4,505.72	4,441.59	64.13	70.257					
12,100.00	7,178.19	6,925.00	6,798.76	82.20	31.64	42.25	464.39	250.02	4,605.08	4,540.89	64.19	71.737					
12,200.00	7,177.73	6,925.00	6,798.76	83.60	31.64	42.25	464.39	250.02	4,704.47	4,640.22	64.26	73.214					
12,300.00	7,177.26	6,925.00	6,798.76	85.00	31.64	42.25	464.39	250.02	4,803.89	4,739.57	64.32	74.688					
12,400.00	7,176.80	6,925.00	6,798.76	86.41	31.64	42.25	464.39	250.02	4,903.33	4,838.95	64.38	76.159					
12,500.00	7,176.33	6,925.00	6,798.76	87.82	31.64	42.25	464.39	250.02	5,002.79	4,938.35	64.45	77.627					
12,600.00	7,175.87	6,925.00	6,798.76	89.23	31.64	42.25	464.39	250.02	5,102.28	5,037.76	64.51	79.091					
12,700.00	7,175.40	6,925.00	6,798.76	90.65	31.64	42.25	464.39	250.02	5,201.78	5,137.20	64.58	80.552					
12,800.00	7,174.94	6,925.00	6,798.76	92.07	31.64	42.25	464.39	250.02	5,301.30	5,236.66	64.64	82.009					
12,900.00	7,174.48	6,925.00	6,798.76	93.49	31.64	42.25	464.39	250.02	5,400.84	5,336.13	64.71	83.463					
13,000.00	7,174.01	6,925.00	6,798.76	94.91	31.64	42.25	464.39	250.02	5,500.40	5,435.62	64.78	84.913					
13,100.00	7,173.55	6,925.00	6,798.76	96.34	31.64	42.25	464.39	250.02	5,599.97	5,535.12	64.84	86.360					
13,200.00	7,173.08	6,925.00	6,798.76	97.77	31.64	42.25	464.39	250.02	5,699.56	5,634.64	64.91	87.803					
13,300.00	7,172.62	6,925.00	6,798.76	99.21	31.64	42.25	464.39	250.02	5,799.16	5,734.18	64.98	89.241					
13,400.00	7,172.15	6,925.00	6,798.76	100.64	31.64	42.25	464.39	250.02	5,898.77	5,833.72	65.05	90.676					
13,500.00	7,171.69	6,925.00	6,798.76	102.08	31.64	42.25	464.39	250.02	5,998.40	5,933.28	65.12	92.107					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
13,600.00	7,171.22	6,925.00	6,798.76	103.52	31.64	42.25	464.39	250.02	6,098.04	6,032.84	65.20	93.534		
13,700.00	7,170.76	6,925.00	6,798.76	104.97	31.64	42.25	464.39	250.02	6,197.69	6,132.42	65.27	94.957		
13,800.00	7,170.29	6,925.00	6,798.76	106.41	31.64	42.25	464.39	250.02	6,297.35	6,232.01	65.34	96.376		
13,900.00	7,169.83	6,913.36	6,788.58	107.86	31.57	41.03	470.03	250.43	6,396.86	6,331.53	65.34	97.908		
14,000.00	7,169.36	6,913.18	6,788.43	109.31	31.56	41.01	470.12	250.43	6,496.54	6,431.13	65.41	99.321		
14,100.00	7,168.90	6,913.01	6,788.28	110.76	31.56	40.99	470.20	250.43	6,596.23	6,530.75	65.48	100.730		
14,200.00	7,168.44	6,912.85	6,788.14	112.21	31.56	40.97	470.28	250.44	6,695.93	6,630.37	65.56	102.135		
14,300.00	7,167.97	6,912.69	6,787.99	113.67	31.56	40.96	470.36	250.44	6,795.63	6,730.00	65.64	103.536		
14,400.00	7,167.51	6,912.53	6,787.86	115.12	31.56	40.94	470.44	250.44	6,895.35	6,829.63	65.71	104.932		
14,500.00	7,167.04	6,912.38	6,787.72	116.58	31.56	40.92	470.51	250.45	6,995.07	6,929.28	65.79	106.323		
14,600.00	7,166.58	6,912.23	6,787.59	118.04	31.56	40.91	470.58	250.45	7,094.80	7,028.93	65.87	107.710		
14,700.00	7,166.11	6,912.08	6,787.47	119.50	31.56	40.89	470.65	250.45	7,194.54	7,128.59	65.95	109.093		
14,800.00	7,165.65	6,911.94	6,787.34	120.97	31.56	40.88	470.72	250.46	7,294.28	7,228.25	66.03	110.470		
14,900.00	7,165.18	6,911.80	6,787.22	122.43	31.55	40.86	470.79	250.46	7,394.03	7,327.92	66.11	111.844		
15,000.00	7,164.72	6,911.67	6,787.11	123.90	31.55	40.85	470.85	250.46	7,493.79	7,427.60	66.19	113.212		
15,100.00	7,164.25	6,900.00	6,776.90	125.36	31.47	39.65	476.51	250.52	7,593.72	7,527.52	66.20	114.712		
15,200.00	7,163.79	6,900.00	6,776.90	126.83	31.47	39.65	476.51	250.52	7,693.48	7,627.20	66.28	116.071		
15,300.00	7,163.32	6,900.00	6,776.90	128.30	31.47	39.65	476.51	250.52	7,793.26	7,726.89	66.37	117.426		
15,400.00	7,162.86	6,900.00	6,776.90	129.77	31.47	39.65	476.51	250.52	7,893.04	7,826.58	66.45	118.775		
15,500.00	7,162.39	6,900.00	6,776.90	131.24	31.47	39.65	476.51	250.52	7,992.82	7,926.28	66.54	120.120		
15,600.00	7,161.93	6,900.00	6,776.90	132.71	31.47	39.65	476.51	250.52	8,092.61	8,025.98	66.63	121.460		
15,700.00	7,161.47	6,900.00	6,776.90	134.19	31.47	39.65	476.51	250.52	8,192.40	8,125.69	66.72	122.795		
15,800.00	7,161.00	6,900.00	6,776.90	135.66	31.47	39.65	476.51	250.52	8,292.20	8,225.40	66.81	124.125		
15,900.00	7,160.54	6,900.00	6,776.90	137.14	31.47	39.65	476.51	250.52	8,392.01	8,325.11	66.89	125.451		
16,000.00	7,160.07	6,900.00	6,776.90	138.61	31.47	39.65	476.51	250.52	8,491.82	8,424.83	66.99	126.771		
16,100.00	7,159.61	6,900.00	6,776.90	140.09	31.47	39.65	476.51	250.52	8,591.63	8,524.56	67.08	128.087		
16,200.00	7,159.14	6,900.00	6,776.90	141.57	31.47	39.65	476.51	250.52	8,691.45	8,624.28	67.17	129.398		
16,300.00	7,158.68	6,900.00	6,776.90	143.05	31.47	39.65	476.51	250.52	8,791.27	8,724.01	67.26	130.704		
16,400.00	7,158.21	6,900.00	6,776.90	144.53	31.47	39.65	476.51	250.52	8,891.10	8,823.74	67.35	132.005		
16,500.00	7,157.75	6,900.00	6,776.90	146.01	31.47	39.65	476.51	250.52	8,990.93	8,923.48	67.45	133.300		
16,600.00	7,157.28	6,900.00	6,776.90	147.49	31.47	39.65	476.51	250.52	9,090.76	9,023.22	67.54	134.591		
16,700.00	7,156.82	6,900.00	6,776.90	148.97	31.47	39.65	476.51	250.52	9,190.60	9,122.96	67.64	135.877		
16,800.00	7,156.35	6,900.00	6,776.90	150.45	31.47	39.65	476.51	250.52	9,290.44	9,222.70	67.74	137.158		
16,900.00	7,155.89	6,900.00	6,776.90	151.94	31.47	39.65	476.51	250.52	9,390.28	9,322.45	67.83	138.434		
17,000.00	7,155.43	6,900.00	6,776.90	153.42	31.47	39.65	476.51	250.52	9,490.13	9,422.20	67.93	139.705		
17,100.00	7,154.96	6,900.00	6,776.90	154.90	31.47	39.65	476.51	250.52	9,589.98	9,521.95	68.03	140.971		
17,200.00	7,154.50	6,900.00	6,776.90	156.39	31.47	39.65	476.51	250.52	9,689.83	9,621.71	68.13	142.231		
17,300.00	7,154.03	6,900.00	6,776.90	157.88	31.47	39.65	476.51	250.52	9,789.69	9,721.46	68.23	143.487		
17,400.00	7,153.57	6,900.00	6,776.90	159.36	31.47	39.65	476.51	250.52	9,889.55	9,821.22	68.33	144.738		
17,500.00	7,153.10	6,900.00	6,776.90	160.85	31.47	39.65	476.51	250.52	9,989.41	9,920.98	68.43	145.983		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
LEFFLER 8-21 PAD - LEFFLER FE 20-142HN - OH - OH														
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	3.61	955.94	60.37	958.08					
100.00	100.00	78.50	78.50	3.28	3.28	3.61	955.94	60.37	957.84	951.27	6.57	145.820		
200.00	200.00	178.50	178.50	3.34	3.33	3.61	955.94	60.37	957.84	951.18	6.66	143.753		
300.00	300.00	278.50	278.50	3.44	3.43	3.61	955.94	60.37	957.84	950.97	6.87	139.396		
400.00	400.00	378.50	378.50	3.60	3.58	3.61	955.94	60.37	957.84	950.66	7.18	133.376		
500.00	499.99	478.49	478.49	3.80	3.78	63.66	955.94	60.37	957.45	949.88	7.58	126.335		
600.00	599.96	578.46	578.46	4.03	4.02	63.81	955.94	60.37	956.30	948.25	8.05	118.789		
700.00	699.86	678.36	678.36	4.30	4.28	64.07	955.94	60.37	954.38	945.79	8.59	111.148		
790.00	789.74	768.24	768.24	4.57	4.55	64.32	955.94	60.37	952.33	943.21	9.11	104.482		
800.00	799.73	778.23	778.23	4.60	4.58	61.22	955.94	60.37	952.08	942.91	9.18	103.760		
900.00	899.50	878.00	878.00	4.92	4.89	40.44	955.94	60.37	947.74	937.93	9.81	96.609		
1,000.00	999.05	977.55	977.55	5.26	5.23	30.58	955.94	60.37	939.97	929.49	10.48	89.674		
1,077.14	1,075.61	1,054.11	1,054.11	5.53	5.49	26.27	955.94	60.37	931.64	920.62	11.02	84.533		
1,100.00	1,098.26	1,076.76	1,076.76	5.61	5.57	26.36	955.94	60.37	928.87	917.69	11.18	83.051		
1,200.00	1,197.35	1,175.85	1,175.85	5.98	5.93	26.73	955.94	60.37	916.79	904.89	11.90	77.016		
1,300.00	1,296.44	1,274.94	1,274.94	6.35	6.30	27.11	955.94	60.37	904.74	892.10	12.64	71.552		
1,400.00	1,395.52	1,374.02	1,374.02	6.73	6.67	27.51	955.94	60.37	892.74	879.33	13.40	66.608		
1,500.00	1,494.61	1,473.11	1,473.11	7.12	7.05	27.91	955.94	60.37	880.78	866.60	14.18	62.132		
1,600.00	1,593.70	1,572.20	1,572.20	7.52	7.44	28.33	955.94	60.37	868.86	853.90	14.96	58.072		
1,700.00	1,692.78	1,671.28	1,671.28	7.93	7.83	28.75	955.94	60.37	856.99	841.23	15.76	54.384		
1,800.00	1,791.87	1,770.37	1,770.37	8.33	8.23	29.19	955.94	60.37	845.16	828.60	16.56	51.026		
1,900.00	1,890.95	1,869.45	1,869.45	8.75	8.63	29.64	955.94	60.37	833.39	816.01	17.38	47.960		
2,000.00	1,990.04	1,968.54	1,968.54	9.16	9.03	30.11	955.94	60.37	821.67	803.47	18.20	45.155		
2,100.00	2,089.13	2,067.63	2,067.63	9.58	9.44	30.58	955.94	60.37	810.01	790.98	19.02	42.581		
2,200.00	2,188.21	2,166.71	2,166.71	10.01	9.85	31.08	955.94	60.37	798.40	778.55	19.85	40.214		
2,300.00	2,287.30	2,265.80	2,265.80	10.43	10.26	31.58	955.94	60.37	786.85	766.16	20.69	38.032		
2,400.00	2,386.39	2,364.89	2,364.89	10.86	10.67	32.10	955.94	60.37	775.37	753.84	21.53	36.015		
2,500.00	2,485.47	2,463.97	2,463.97	11.29	11.09	32.64	955.94	60.37	763.95	741.57	22.37	34.147		
2,600.00	2,584.56	2,563.06	2,563.06	11.72	11.50	33.19	955.94	60.37	752.60	729.38	23.22	32.414		
2,700.00	2,683.65	2,662.15	2,662.15	12.15	11.92	33.76	955.94	60.37	741.32	717.25	24.07	30.801		
2,800.00	2,782.73	2,761.23	2,761.23	12.58	12.34	34.34	955.94	60.37	730.11	705.19	24.92	29.299		
2,900.00	2,881.82	2,860.32	2,860.32	13.02	12.76	34.95	955.94	60.37	718.98	693.21	25.77	27.897		
3,000.00	2,980.91	2,959.41	2,959.41	13.45	13.18	35.57	955.94	60.37	707.94	681.31	26.63	26.585		
3,100.00	3,079.99	3,058.49	3,058.49	13.89	13.60	36.22	955.94	60.37	696.98	669.49	27.49	25.357		
3,200.00	3,179.08	3,157.58	3,157.58	14.33	14.02	36.88	955.94	60.37	686.11	657.77	28.35	24.205		
3,300.00	3,278.17	3,256.67	3,256.67	14.76	14.45	37.56	955.94	60.37	675.34	646.13	29.21	23.122		
3,400.00	3,377.25	3,355.75	3,355.75	15.20	14.87	38.27	955.94	60.37	664.66	634.59	30.07	22.104		
3,500.00	3,476.34	3,454.84	3,454.84	15.64	15.30	39.00	955.94	60.37	654.09	623.16	30.93	21.145		
3,600.00	3,575.43	3,553.93	3,553.93	16.08	15.72	39.75	955.94	60.37	643.63	611.83	31.80	20.241		
3,700.00	3,674.51	3,653.01	3,653.01	16.53	16.15	40.53	955.94	60.37	633.28	600.62	32.66	19.388		
3,800.00	3,773.60	3,752.10	3,752.10	16.97	16.57	41.33	955.94	60.37	623.05	589.52	33.53	18.582		
3,900.00	3,872.69	3,851.19	3,851.19	17.41	17.00	42.16	955.94	60.37	612.95	578.55	34.40	17.820		
4,000.00	3,971.77	3,950.27	3,950.27	17.85	17.42	43.02	955.94	60.37	602.98	567.71	35.26	17.099		
4,100.00	4,070.86	4,049.36	4,049.36	18.29	17.85	43.90	955.94	60.37	593.15	557.01	36.13	16.415		
4,200.00	4,169.95	4,148.45	4,148.45	18.74	18.28	44.82	955.94	60.37	583.46	546.46	37.00	15.768		
4,300.00	4,269.03	4,247.53	4,247.53	19.18	18.71	45.76	955.94	60.37	573.93	536.06	37.87	15.154		
4,400.00	4,368.12	4,346.62	4,346.62	19.63	19.14	46.74	955.94	60.37	564.56	525.82	38.74	14.572		
4,500.00	4,467.21	4,445.71	4,445.71	20.07	19.56	47.74	955.94	60.37	555.36	515.75	39.61	14.019		
4,600.00	4,566.29	4,544.79	4,544.79	20.52	19.99	48.78	955.94	60.37	546.34	505.85	40.48	13.495		
4,700.00	4,665.38	4,643.88	4,643.88	20.96	20.41	49.86	955.94	60.37	537.50	496.15	41.35	13.000		
4,800.00	4,764.47	4,753.84	4,753.84	21.41	20.85	51.15	955.20	60.54	528.42	486.23	42.19	12.524		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.00	4,863.55	4,876.02	4,875.77	21.85	21.33	53.15	948.05	62.22	515.75	472.79	42.96	12.004		
5,000.00	4,962.64	4,994.70	4,993.53	22.30	21.80	55.84	933.85	65.56	499.30	455.63	43.67	11.433		
5,100.00	5,061.73	5,109.16	5,106.04	22.74	22.25	59.26	913.43	70.35	479.84	435.48	44.36	10.818		
5,200.00	5,160.81	5,218.86	5,212.50	23.19	22.69	63.47	887.75	76.39	458.38	413.32	45.07	10.171		
5,300.00	5,259.90	5,323.41	5,312.39	23.64	23.14	68.50	857.77	83.43	436.24	390.36	45.87	9.509		
5,400.00	5,358.99	5,422.57	5,405.45	24.08	23.58	74.33	824.45	91.26	415.01	368.20	46.82	8.864		
5,500.00	5,458.07	5,516.26	5,491.64	24.53	24.02	80.87	788.70	99.65	396.69	348.78	47.91	8.280		
5,600.00	5,557.16	5,604.52	5,571.08	24.98	24.47	87.94	751.29	108.44	383.52	334.43	49.08	7.814		
5,700.00	5,656.25	5,687.44	5,644.03	25.42	24.92	95.29	712.92	117.46	377.83	327.67	50.16	7.532		
5,712.68	5,668.81	5,697.59	5,652.84	25.48	24.98	96.23	708.02	118.61	377.75	327.47	50.28	7.513 CC, ES		
5,800.00	5,755.33	5,766.47	5,712.41	25.87	25.39	102.61	674.34	126.52	381.52	330.59	50.93	7.490 SF		
5,900.00	5,854.42	5,845.01	5,780.13	26.32	25.87	109.74	635.64	135.61	394.92	343.57	51.35	7.691		
6,000.00	5,953.51	5,923.65	5,847.93	26.77	26.38	116.47	596.84	144.73	417.14	365.63	51.51	8.098		
6,100.00	6,052.59	6,002.30	5,915.73	27.21	26.91	122.68	558.04	153.84	446.85	395.32	51.53	8.671		
6,200.00	6,151.68	6,080.95	5,983.53	27.66	27.47	128.28	519.23	162.96	482.67	431.14	51.53	9.367		
6,300.00	6,250.76	6,159.59	6,051.33	28.11	28.04	133.27	480.43	172.07	523.35	471.78	51.57	10.148		
6,400.00	6,349.85	6,238.24	6,119.13	28.56	28.63	137.69	441.63	181.19	567.85	516.17	51.68	10.988		
6,500.00	6,448.94	6,316.88	6,186.93	29.01	29.24	141.57	402.83	190.30	615.34	563.47	51.87	11.862		
6,589.36	6,537.48	6,387.16	6,247.51	29.41	29.80	144.65	368.16	198.45	659.78	607.67	52.11	12.660		
6,600.00	6,548.03	6,395.54	6,254.74	29.45	29.87	137.83	364.03	199.42	665.12	612.97	52.14	12.755		
6,650.00	6,597.61	6,435.22	6,288.94	29.67	30.19	103.98	344.45	204.02	688.78	636.50	52.28	13.175		
6,700.00	6,647.01	6,475.19	6,323.40	29.89	30.52	80.32	324.73	208.65	710.14	657.76	52.39	13.556		
6,750.00	6,695.92	6,515.22	6,357.90	30.10	30.85	67.70	304.98	213.29	729.25	676.78	52.47	13.898		
6,800.00	6,744.04	6,555.05	6,392.24	30.31	31.19	60.93	285.33	217.90	746.18	693.64	52.54	14.203		
6,850.00	6,791.07	6,605.56	6,426.20	30.51	31.61	57.15	265.90	222.47	761.02	708.38	52.64	14.456		
6,900.00	6,836.72	6,633.15	6,459.57	30.71	31.85	55.05	246.80	226.96	773.89	721.28	52.61	14.711		
6,950.00	6,880.71	6,670.93	6,492.14	30.90	32.18	53.98	228.16	231.34	784.92	732.31	52.61	14.919		
7,000.00	6,922.77	6,707.57	6,523.72	31.08	32.49	53.58	210.09	235.58	794.28	741.67	52.61	15.098		
7,050.00	6,962.63	6,742.82	6,554.11	31.27	32.81	53.65	192.70	239.67	802.13	749.53	52.60	15.249		
7,100.00	7,000.07	6,776.47	6,583.12	31.44	33.10	54.05	176.09	243.57	808.68	756.08	52.60	15.374		
7,150.00	7,034.83	6,817.66	6,618.65	31.62	33.47	55.20	155.76	248.08	814.07	761.09	52.98	15.365		
7,200.00	7,066.72	6,871.77	6,665.53	31.79	33.94	57.53	128.86	250.37	817.87	763.92	53.95	15.161		
7,250.00	7,095.52	6,913.23	6,701.44	31.96	34.29	59.46	108.21	248.79	820.72	766.20	54.52	15.052		
7,300.00	7,121.07	6,943.84	6,727.77	32.13	34.53	60.91	93.02	245.31	823.27	768.44	54.83	15.015		
7,350.00	7,143.21	6,960.23	6,741.77	32.30	34.66	61.51	84.93	242.58	826.11	771.34	54.77	15.083		
7,400.00	7,161.80	6,968.00	6,748.37	32.47	34.72	61.55	81.12	241.08	829.51	774.95	54.56	15.205		
7,450.00	7,176.72	6,970.26	6,750.28	32.64	34.74	61.23	80.01	240.61	833.57	779.27	54.30	15.351		
7,500.00	7,187.89	6,968.84	6,749.08	32.82	34.73	60.65	80.71	240.91	838.29	784.21	54.08	15.501		
7,550.00	7,195.23	6,964.86	6,745.70	32.99	34.70	59.91	82.66	241.70	843.61	789.67	53.94	15.640		
7,600.00	7,198.70	6,959.06	6,740.77	33.17	34.65	59.06	85.51	242.79	849.45	795.55	53.91	15.757		
7,622.60	7,199.00	6,955.97	6,738.14	33.25	34.63	58.65	87.03	243.35	852.24	798.31	53.94	15.801		
7,700.00	7,198.64	6,946.28	6,729.86	33.54	34.55	58.01	91.81	244.94	865.26	811.03	54.24	15.953		
7,800.00	7,198.17	6,936.75	6,721.69	33.98	34.48	57.37	96.53	246.30	891.63	836.64	54.99	16.214		
7,900.00	7,197.71	6,925.00	6,711.59	34.47	34.38	56.58	102.36	247.70	927.98	872.16	55.82	16.625		
8,000.00	7,197.24	6,925.00	6,711.59	35.03	34.38	56.58	102.36	247.70	973.17	916.02	57.14	17.030		
8,100.00	7,196.78	6,925.00	6,711.59	35.64	34.38	56.58	102.36	247.70	1,026.14	967.74	58.40	17.571		
8,200.00	7,196.31	6,915.30	6,703.22	36.30	34.30	55.93	107.18	248.62	1,085.64	1,026.40	59.24	18.326		
8,300.00	7,195.85	6,912.11	6,700.46	37.01	34.28	55.72	108.77	248.88	1,150.78	1,090.60	60.18	19.122		
8,400.00	7,195.38	6,909.39	6,698.11	37.77	34.26	55.53	110.12	249.08	1,220.63	1,159.62	61.01	20.007		
8,500.00	7,194.92	6,900.00	6,689.99	38.57	34.18	54.90	114.80	249.64	1,294.49	1,232.93	61.56	21.028		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,600.00	7,194.46	6,900.00	6,689.99	39.41	34.18	54.90	114.80	249.64	1,371.56	1,309.32	62.24	22.036			
8,700.00	7,193.99	6,900.00	6,689.99	40.30	34.18	54.90	114.80	249.64	1,451.44	1,388.61	62.83	23.102			
8,800.00	7,193.53	6,900.00	6,689.99	41.22	34.18	54.90	114.80	249.64	1,533.68	1,470.35	63.33	24.219			
8,900.00	7,193.06	6,900.00	6,689.99	42.17	34.18	54.90	114.80	249.64	1,617.92	1,554.16	63.76	25.377			
9,000.00	7,192.60	6,900.00	6,689.99	43.16	34.18	54.90	114.80	249.64	1,703.86	1,639.74	64.13	26.571			
9,100.00	7,192.13	6,900.00	6,689.99	44.17	34.18	54.90	114.80	249.64	1,791.27	1,726.82	64.45	27.795			
9,200.00	7,191.67	6,900.00	6,689.99	45.22	34.18	54.90	114.80	249.64	1,879.93	1,815.20	64.73	29.045			
9,300.00	7,191.20	6,900.00	6,689.99	46.29	34.18	54.90	114.80	249.64	1,969.67	1,904.70	64.97	30.316			
9,400.00	7,190.74	6,900.00	6,689.99	47.38	34.18	54.90	114.80	249.64	2,060.36	1,995.18	65.19	31.607			
9,500.00	7,190.27	6,900.00	6,689.99	48.50	34.18	54.90	114.80	249.64	2,151.88	2,086.50	65.38	32.914			
9,600.00	7,189.81	6,900.00	6,689.99	49.64	34.18	54.90	114.80	249.64	2,244.12	2,178.57	65.55	34.234			
9,700.00	7,189.34	6,900.00	6,689.99	50.80	34.18	54.90	114.80	249.64	2,337.00	2,271.29	65.71	35.567			
9,800.00	7,188.88	6,900.00	6,689.99	51.98	34.18	54.90	114.80	249.64	2,430.45	2,364.60	65.85	36.910			
9,900.00	7,188.41	6,900.00	6,689.99	53.17	34.18	54.90	114.80	249.64	2,524.39	2,458.42	65.98	38.262			
10,000.00	7,187.95	6,900.00	6,689.99	54.38	34.18	54.90	114.80	249.64	2,618.79	2,552.69	66.09	39.622			
10,100.00	7,187.49	6,900.00	6,689.99	55.61	34.18	54.90	114.80	249.64	2,713.58	2,647.38	66.20	40.988			
10,200.00	7,187.02	6,900.00	6,689.99	56.85	34.18	54.90	114.80	249.64	2,808.74	2,742.43	66.31	42.360			
10,300.00	7,186.56	6,900.00	6,689.99	58.10	34.18	54.90	114.80	249.64	2,904.22	2,837.82	66.40	43.737			
10,400.00	7,186.09	6,900.00	6,689.99	59.37	34.18	54.90	114.80	249.64	3,000.00	2,933.51	66.49	45.118			
10,500.00	7,185.63	6,900.00	6,689.99	60.64	34.18	54.90	114.80	249.64	3,096.04	3,029.47	66.58	46.503			
10,600.00	7,185.16	6,900.00	6,689.99	61.93	34.18	54.90	114.80	249.64	3,192.33	3,125.67	66.66	47.890			
10,700.00	7,184.70	6,900.00	6,689.99	63.23	34.18	54.90	114.80	249.64	3,288.84	3,222.10	66.74	49.280			
10,800.00	7,184.23	6,900.00	6,689.99	64.54	34.18	54.90	114.80	249.64	3,385.55	3,318.74	66.81	50.672			
10,900.00	7,183.77	6,900.00	6,689.99	65.85	34.18	54.90	114.80	249.64	3,482.45	3,415.56	66.89	52.065			
11,000.00	7,183.30	6,900.00	6,689.99	67.18	34.18	54.90	114.80	249.64	3,579.52	3,512.56	66.96	53.459			
11,100.00	7,182.84	6,900.00	6,689.99	68.51	34.18	54.90	114.80	249.64	3,676.74	3,609.71	67.03	54.854			
11,200.00	7,182.37	6,900.00	6,689.99	69.85	34.18	54.90	114.80	249.64	3,774.11	3,707.02	67.10	56.250			
11,300.00	7,181.91	6,900.00	6,689.99	71.20	34.18	54.90	114.80	249.64	3,871.62	3,804.45	67.16	57.645			
11,400.00	7,181.45	6,900.00	6,689.99	72.56	34.18	54.90	114.80	249.64	3,969.24	3,902.02	67.23	59.041			
11,500.00	7,180.98	6,900.00	6,689.99	73.92	34.18	54.90	114.80	249.64	4,066.99	3,999.69	67.29	60.436			
11,600.00	7,180.52	6,900.00	6,689.99	75.29	34.18	54.90	114.80	249.64	4,164.84	4,097.48	67.36	61.830			
11,700.00	7,180.05	6,900.00	6,689.99	76.66	34.18	54.90	114.80	249.64	4,262.79	4,195.37	67.42	63.224			
11,800.00	7,179.59	6,900.00	6,689.99	78.04	34.18	54.90	114.80	249.64	4,360.83	4,293.34	67.49	64.616			
11,900.00	7,179.12	6,900.00	6,689.99	79.42	34.18	54.90	114.80	249.64	4,458.96	4,391.41	67.55	66.008			
12,000.00	7,178.66	6,900.00	6,689.99	80.81	34.18	54.90	114.80	249.64	4,557.17	4,489.56	67.62	67.397			
12,100.00	7,178.19	6,900.00	6,689.99	82.20	34.18	54.90	114.80	249.64	4,655.46	4,587.78	67.68	68.786			
12,200.00	7,177.73	6,900.00	6,689.99	83.60	34.18	54.90	114.80	249.64	4,753.82	4,686.08	67.74	70.173			
12,300.00	7,177.26	6,900.00	6,689.99	85.00	34.18	54.90	114.80	249.64	4,852.25	4,784.44	67.81	71.558			
12,400.00	7,176.80	6,900.00	6,689.99	86.41	34.18	54.90	114.80	249.64	4,950.74	4,882.86	67.87	72.940			
12,500.00	7,176.33	6,900.00	6,689.99	87.82	34.18	54.90	114.80	249.64	5,049.29	4,981.35	67.94	74.321			
12,600.00	7,175.87	6,900.00	6,689.99	89.23	34.18	54.90	114.80	249.64	5,147.89	5,079.89	68.00	75.700			
12,700.00	7,175.40	6,900.00	6,689.99	90.65	34.18	54.90	114.80	249.64	5,246.55	5,178.48	68.07	77.076			
12,800.00	7,174.94	6,900.00	6,689.99	92.07	34.18	54.90	114.80	249.64	5,345.26	5,277.12	68.14	78.450			
12,900.00	7,174.48	6,877.97	6,670.90	93.49	33.99	53.43	125.77	250.32	5,443.57	5,375.59	67.98	80.078			
13,000.00	7,174.01	6,877.78	6,670.74	94.91	33.99	53.41	125.87	250.32	5,542.36	5,474.32	68.04	81.452			
13,100.00	7,173.55	6,877.61	6,670.59	96.34	33.99	53.40	125.95	250.32	5,641.20	5,573.09	68.11	82.824			
13,200.00	7,173.08	6,877.43	6,670.44	97.77	33.98	53.39	126.04	250.33	5,740.07	5,671.89	68.18	84.192			
13,300.00	7,172.62	6,877.27	6,670.30	99.21	33.98	53.38	126.12	250.33	5,838.99	5,770.74	68.25	85.558			
13,400.00	7,172.15	6,877.11	6,670.16	100.64	33.98	53.37	126.20	250.33	5,937.94	5,869.62	68.31	86.920			
13,500.00	7,171.69	6,876.95	6,670.02	102.08	33.98	53.36	126.28	250.33	6,036.92	5,968.54	68.38	88.280			
13,600.00	7,171.22	6,876.80	6,669.89	103.52	33.98	53.35	126.36	250.33	6,135.94	6,067.48	68.45	89.636			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-142HN - OH - OH		Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
13,700.00	7,170.76	6,876.65	6,669.76	104.97	33.98	53.34	126.43	250.33	6,234.99	6,166.46	68.52	90.989				
13,800.00	7,170.29	6,876.51	6,669.64	106.41	33.98	53.33	126.50	250.34	6,334.06	6,265.47	68.60	92.339				
13,900.00	7,169.83	6,876.37	6,669.52	107.86	33.98	53.32	126.57	250.34	6,433.17	6,364.50	68.67	93.686				
14,000.00	7,169.36	6,876.24	6,669.40	109.31	33.97	53.31	126.64	250.34	6,532.31	6,463.57	68.74	95.029				
14,100.00	7,168.90	6,876.11	6,669.29	110.76	33.97	53.30	126.70	250.34	6,631.47	6,562.65	68.81	96.368				
14,200.00	7,168.44	6,875.98	6,669.18	112.21	33.97	53.29	126.76	250.34	6,730.65	6,661.76	68.89	97.704				
14,300.00	7,167.97	6,875.86	6,669.07	113.67	33.97	53.28	126.83	250.34	6,829.86	6,760.90	68.96	99.037				
14,400.00	7,167.51	6,875.74	6,668.97	115.12	33.97	53.28	126.89	250.34	6,929.09	6,860.05	69.04	100.366				
14,500.00	7,167.04	6,875.62	6,668.87	116.58	33.97	53.27	126.94	250.34	7,028.34	6,959.23	69.11	101.691				
14,600.00	7,166.58	6,875.50	6,668.77	118.04	33.97	53.26	127.00	250.35	7,127.62	7,058.43	69.19	103.012				
14,700.00	7,166.11	6,875.39	6,668.67	119.50	33.97	53.25	127.06	250.35	7,226.91	7,157.64	69.27	104.330				
14,800.00	7,165.65	6,875.28	6,668.58	120.97	33.97	53.25	127.11	250.35	7,326.23	7,256.88	69.35	105.643				
14,900.00	7,165.18	6,875.18	6,668.49	122.43	33.97	53.24	127.16	250.35	7,425.56	7,356.13	69.43	106.953				
15,000.00	7,164.72	6,875.08	6,668.40	123.90	33.96	53.23	127.21	250.35	7,524.91	7,455.40	69.51	108.259				
15,100.00	7,164.25	6,874.97	6,668.31	125.36	33.96	53.23	127.26	250.35	7,624.27	7,554.68	69.59	109.561				
15,200.00	7,163.79	6,874.88	6,668.22	126.83	33.96	53.22	127.31	250.35	7,723.66	7,653.99	69.67	110.859				
15,300.00	7,163.32	6,874.78	6,668.14	128.30	33.96	53.21	127.36	250.35	7,823.05	7,753.30	69.75	112.154				
15,400.00	7,162.86	6,874.69	6,668.06	129.77	33.96	53.21	127.41	250.35	7,922.47	7,852.63	69.84	113.444				
15,500.00	7,162.39	6,874.60	6,667.98	131.24	33.96	53.20	127.45	250.35	8,021.90	7,951.98	69.92	114.729				
15,600.00	7,161.93	6,874.51	6,667.90	132.71	33.96	53.19	127.50	250.35	8,121.34	8,051.33	70.00	116.011				
15,700.00	7,161.47	6,874.42	6,667.83	134.19	33.96	53.19	127.54	250.35	8,220.79	8,150.70	70.09	117.289				
15,800.00	7,161.00	6,874.33	6,667.75	135.66	33.96	53.18	127.58	250.35	8,320.26	8,250.09	70.18	118.562				
15,900.00	7,160.54	6,874.25	6,667.68	137.14	33.96	53.18	127.63	250.36	8,419.74	8,349.48	70.26	119.832				
16,000.00	7,160.07	6,874.17	6,667.61	138.61	33.96	53.17	127.67	250.36	8,519.24	8,448.89	70.35	121.097				
16,100.00	7,159.61	6,874.09	6,667.54	140.09	33.96	53.17	127.71	250.36	8,618.74	8,548.30	70.44	122.357				
16,200.00	7,159.14	6,874.01	6,667.47	141.57	33.96	53.16	127.75	250.36	8,718.26	8,647.73	70.53	123.614				
16,300.00	7,158.68	6,873.93	6,667.41	143.05	33.95	53.16	127.78	250.36	8,817.79	8,747.17	70.62	124.866				
16,400.00	7,158.21	6,873.86	6,667.34	144.53	33.95	53.15	127.82	250.36	8,917.32	8,846.62	70.71	126.114				
16,500.00	7,157.75	6,873.79	6,667.28	146.01	33.95	53.15	127.86	250.36	9,016.87	8,946.07	70.80	127.357				
16,600.00	7,157.28	6,873.71	6,667.22	147.49	33.95	53.14	127.89	250.36	9,116.43	9,045.54	70.89	128.597				
16,700.00	7,156.82	6,873.64	6,667.15	148.97	33.95	53.14	127.93	250.36	9,216.00	9,145.01	70.98	129.831				
16,800.00	7,156.35	6,873.57	6,667.09	150.45	33.95	53.13	127.96	250.36	9,315.58	9,244.50	71.08	131.062				
16,900.00	7,155.89	6,873.51	6,667.04	151.94	33.95	53.13	128.00	250.36	9,415.16	9,343.99	71.17	132.288				
17,000.00	7,155.43	6,873.44	6,666.98	153.42	33.95	53.12	128.03	250.36	9,514.76	9,443.49	71.27	133.509				
17,100.00	7,154.96	6,873.38	6,666.92	154.90	33.95	53.12	128.06	250.36	9,614.36	9,543.00	71.36	134.726				
17,200.00	7,154.50	6,873.31	6,666.87	156.39	33.95	53.11	128.09	250.36	9,713.97	9,642.51	71.46	135.939				
17,300.00	7,154.03	6,850.00	6,646.65	157.88	33.75	51.56	139.70	250.03	9,814.06	9,742.72	71.34	137.569				
17,400.00	7,153.57	6,850.00	6,646.65	159.36	33.75	51.56	139.70	250.03	9,913.69	9,842.25	71.44	138.775				

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	3.67	940.64	60.37	942.82					
100.00	100.00	78.40	78.40	3.28	3.28	3.67	940.64	60.37	942.57	936.00	6.57	143.496		
200.00	200.00	178.40	178.40	3.34	3.33	3.67	940.64	60.37	942.57	935.91	6.66	141.462		
300.00	300.00	278.40	278.40	3.44	3.43	3.67	940.64	60.37	942.57	935.70	6.87	137.176		
400.00	400.00	378.40	378.40	3.60	3.58	3.67	940.64	60.37	942.57	935.39	7.18	131.253		
500.00	499.99	478.39	478.39	3.80	3.78	63.72	940.64	60.37	942.19	934.61	7.58	124.323		
600.00	599.96	578.36	578.36	4.03	4.02	63.88	940.64	60.37	941.03	932.98	8.05	116.896		
700.00	699.86	678.26	678.26	4.30	4.28	64.13	940.64	60.37	939.12	930.53	8.59	109.374		
790.00	789.74	768.14	768.14	4.57	4.55	64.39	940.64	60.37	937.07	927.95	9.11	102.812		
800.00	799.73	778.13	778.13	4.60	4.58	61.29	940.64	60.37	936.82	927.65	9.18	102.101		
900.00	899.50	877.90	877.90	4.92	4.89	40.51	940.64	60.37	932.49	922.68	9.81	95.057		
1,000.00	999.05	977.45	977.45	5.26	5.23	30.66	940.64	60.37	924.73	914.25	10.48	88.223		
1,077.14	1,075.61	1,054.01	1,054.01	5.53	5.49	26.36	940.64	60.37	916.41	905.39	11.02	83.154		
1,100.00	1,098.26	1,076.66	1,076.66	5.61	5.57	26.44	940.64	60.37	913.64	902.46	11.18	81.692		
1,200.00	1,197.35	1,175.75	1,175.75	5.98	5.93	26.83	940.64	60.37	901.56	889.66	11.90	75.740		
1,300.00	1,296.44	1,274.84	1,274.84	6.35	6.30	27.22	940.64	60.37	889.53	876.88	12.64	70.351		
1,400.00	1,395.52	1,373.92	1,373.92	6.73	6.67	27.62	940.64	60.37	877.54	864.13	13.40	65.476		
1,500.00	1,494.61	1,473.01	1,473.01	7.12	7.05	28.03	940.64	60.37	865.59	851.41	14.18	61.062		
1,600.00	1,593.70	1,572.10	1,572.10	7.52	7.44	28.46	940.64	60.37	853.68	838.72	14.96	57.060		
1,700.00	1,692.78	1,671.18	1,671.18	7.93	7.83	28.89	940.64	60.37	841.83	826.07	15.76	53.424		
1,800.00	1,791.87	1,770.27	1,770.27	8.33	8.23	29.34	940.64	60.37	830.02	813.46	16.56	50.113		
1,900.00	1,890.95	1,869.35	1,869.35	8.75	8.63	29.80	940.64	60.37	818.26	800.89	17.38	47.091		
2,000.00	1,990.04	1,968.44	1,968.44	9.16	9.03	30.28	940.64	60.37	806.56	788.37	18.20	44.326		
2,100.00	2,089.13	2,067.53	2,067.53	9.58	9.44	30.77	940.64	60.37	794.92	775.90	19.02	41.789		
2,200.00	2,188.21	2,166.61	2,166.61	10.01	9.85	31.27	940.64	60.37	783.34	763.48	19.85	39.456		
2,300.00	2,287.30	2,265.70	2,265.70	10.43	10.26	31.79	940.64	60.37	771.81	751.12	20.69	37.306		
2,400.00	2,386.39	2,364.79	2,364.79	10.86	10.67	32.32	940.64	60.37	760.35	738.82	21.53	35.318		
2,500.00	2,485.47	2,463.87	2,463.87	11.29	11.09	32.87	940.64	60.37	748.96	726.59	22.37	33.478		
2,600.00	2,584.56	2,562.96	2,562.96	11.72	11.50	33.44	940.64	60.37	737.64	714.42	23.22	31.770		
2,700.00	2,683.65	2,662.05	2,662.05	12.15	11.92	34.02	940.64	60.37	726.40	702.33	24.07	30.182		
2,800.00	2,782.73	2,761.13	2,761.13	12.58	12.34	34.63	940.64	60.37	715.23	690.31	24.92	28.702		
2,900.00	2,881.82	2,860.22	2,860.22	13.02	12.76	35.25	940.64	60.37	704.14	678.37	25.77	27.321		
3,000.00	2,980.91	2,959.31	2,959.31	13.45	13.18	35.89	940.64	60.37	693.14	666.51	26.63	26.030		
3,100.00	3,079.99	3,058.39	3,058.39	13.89	13.60	36.55	940.64	60.37	682.22	654.73	27.49	24.820		
3,200.00	3,179.08	3,157.48	3,157.48	14.33	14.02	37.23	940.64	60.37	671.40	643.06	28.35	23.686		
3,300.00	3,278.17	3,256.57	3,256.57	14.76	14.45	37.94	940.64	60.37	660.68	631.47	29.21	22.621		
3,400.00	3,377.25	3,355.65	3,355.65	15.20	14.87	38.67	940.64	60.37	650.06	619.99	30.07	21.619		
3,500.00	3,476.34	3,454.74	3,454.74	15.64	15.29	39.42	940.64	60.37	639.55	608.61	30.93	20.676		
3,600.00	3,575.43	3,553.83	3,553.83	16.08	15.72	40.20	940.64	60.37	629.15	597.35	31.80	19.787		
3,700.00	3,674.51	3,652.91	3,652.91	16.53	16.15	41.00	940.64	60.37	618.87	586.21	32.66	18.948		
3,800.00	3,773.60	3,752.00	3,752.00	16.97	16.57	41.83	940.64	60.37	608.72	575.19	33.53	18.155		
3,900.00	3,872.69	3,851.09	3,851.09	17.41	17.00	42.69	940.64	60.37	598.69	564.30	34.40	17.406		
4,000.00	3,971.77	3,950.17	3,950.17	17.85	17.42	43.57	940.64	60.37	588.81	553.55	35.26	16.697		
4,100.00	4,070.86	4,049.26	4,049.26	18.29	17.85	44.49	940.64	60.37	579.07	542.94	36.13	16.026		
4,200.00	4,169.95	4,148.35	4,148.35	18.74	18.28	45.43	940.64	60.37	569.49	532.48	37.00	15.391		
4,300.00	4,269.03	4,247.43	4,247.43	19.18	18.71	46.41	940.64	60.37	560.06	522.19	37.87	14.789		
4,400.00	4,368.12	4,346.52	4,346.52	19.63	19.14	47.42	940.64	60.37	550.80	512.06	38.74	14.217		
4,500.00	4,467.21	4,445.61	4,445.61	20.07	19.56	48.47	940.64	60.37	541.72	502.11	39.61	13.676		
4,600.00	4,566.29	4,545.09	4,545.09	20.52	20.00	49.63	940.31	60.43	532.61	492.13	40.48	13.158		
4,700.00	4,665.38	4,644.30	4,644.30	20.96	20.48	51.26	936.40	61.19	523.44	483.14	41.30	12.627		
4,800.00	4,764.47	4,743.40	4,743.40	21.41	20.95	53.58	925.19	63.36	506.16	464.14	42.02	12.046		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												LEFFLER 8-21 PAD - LEFFLER FE 20-179HC - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD														Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
4,900.00	4,863.55	4,908.12	4,906.02	21.85	21.41	56.61	907.13	66.87	487.15	444.47	42.69	11.412				
5,000.00	4,962.64	5,021.39	5,016.61	22.30	21.87	60.42	883.17	71.52	465.29	421.94	43.35	10.733				
5,100.00	5,061.73	5,129.55	5,120.69	22.74	22.31	65.05	854.33	77.11	441.72	397.65	44.07	10.023				
5,200.00	5,160.81	5,232.28	5,217.85	23.19	22.76	70.56	821.62	83.46	417.88	372.97	44.91	9.304				
5,300.00	5,259.90	5,329.43	5,307.97	23.64	23.21	76.90	786.02	90.37	395.60	349.67	45.93	8.614				
5,400.00	5,358.99	5,420.99	5,391.10	24.08	23.67	83.98	748.38	97.67	377.10	329.99	47.10	8.006				
5,500.00	5,458.07	5,507.03	5,467.47	24.53	24.12	91.56	709.49	105.22	364.89	316.56	48.33	7.550				
5,584.54	5,541.84	5,575.45	5,527.08	24.91	24.52	98.07	676.52	111.61	361.35	312.11	49.24	7.338	CC			
5,600.00	5,557.16	5,587.69	5,537.65	24.98	24.59	99.27	670.47	112.79	361.48	312.09	49.38	7.320	ES, SF			
5,700.00	5,656.25	5,666.15	5,605.16	25.42	25.07	106.91	631.20	120.40	368.33	318.28	50.05	7.359				
5,800.00	5,755.33	5,744.60	5,672.63	25.87	25.58	114.25	591.91	128.03	385.17	334.81	50.36	7.649				
5,900.00	5,854.42	5,823.05	5,740.11	26.32	26.10	121.09	552.63	135.65	410.78	360.35	50.43	8.146				
6,000.00	5,953.51	5,901.50	5,807.59	26.77	26.65	127.30	513.35	143.27	443.64	393.23	50.41	8.801				
6,100.00	6,052.59	5,979.95	5,875.06	27.21	27.22	132.84	474.06	150.89	482.27	431.87	50.39	9.570				
6,200.00	6,151.68	6,058.40	5,942.54	27.66	27.81	137.73	434.78	158.51	525.39	474.95	50.45	10.415				
6,300.00	6,250.76	6,136.85	6,010.01	28.11	28.42	142.01	395.49	166.14	572.00	521.42	50.58	11.308				
6,400.00	6,349.85	6,215.30	6,077.49	28.56	29.04	145.76	356.21	173.76	621.31	570.50	50.81	12.229				
6,500.00	6,448.94	6,306.25	6,144.97	29.01	29.79	149.04	316.93	181.38	672.73	621.54	51.19	13.142				
6,589.36	6,537.48	6,363.85	6,205.26	29.41	30.27	151.62	281.82	188.19	720.08	668.63	51.45	13.996				
6,600.00	6,548.03	6,372.21	6,212.45	29.45	30.34	144.66	277.64	189.00	725.74	674.25	51.49	14.094				
6,650.00	6,597.61	6,411.74	6,246.45	29.67	30.67	110.22	257.84	192.84	751.02	699.35	51.67	14.535				
6,700.00	6,647.01	6,451.48	6,280.64	29.89	31.02	86.04	237.94	196.70	774.15	722.33	51.82	14.938				
6,750.00	6,695.92	6,491.22	6,314.81	30.10	31.36	72.95	218.04	200.56	795.17	743.22	51.95	15.305				
6,800.00	6,744.04	6,530.68	6,348.75	30.31	31.70	65.76	198.28	204.40	814.14	762.08	52.06	15.638				
6,850.00	6,791.07	6,569.64	6,382.26	30.51	32.05	61.58	178.77	208.18	831.13	778.99	52.15	15.938				
6,900.00	6,836.72	6,607.85	6,415.13	30.71	32.39	59.11	159.64	211.90	846.26	794.05	52.21	16.208				
6,950.00	6,880.71	6,645.07	6,447.15	30.90	32.72	57.67	141.00	215.51	859.64	807.38	52.27	16.448				
7,000.00	6,922.77	6,681.09	6,478.12	31.08	33.05	56.92	122.97	219.01	871.42	819.11	52.31	16.660				
7,050.00	6,962.63	6,715.66	6,507.86	31.27	33.36	56.64	105.65	222.37	881.75	829.40	52.34	16.845				
7,100.00	7,000.07	6,748.59	6,536.19	31.44	33.66	56.68	89.16	225.57	890.79	838.41	52.39	17.004				
7,150.00	7,034.83	6,779.67	6,562.92	31.62	33.95	56.95	73.60	228.59	898.73	846.29	52.44	17.138				
7,200.00	7,066.72	6,808.71	6,587.89	31.79	34.21	57.37	59.06	231.41	905.74	853.23	52.52	17.247				
7,250.00	7,095.52	6,835.52	6,610.95	31.96	34.47	57.89	45.63	234.02	912.01	859.38	52.63	17.330				
7,300.00	7,121.07	6,859.95	6,631.96	32.13	34.69	58.44	33.40	236.39	917.71	864.94	52.77	17.390				
7,350.00	7,143.21	6,881.83	6,650.79	32.30	34.90	58.98	22.44	238.52	923.02	870.05	52.97	17.425				
7,400.00	7,161.80	6,901.06	6,667.32	32.47	35.08	59.48	12.81	240.38	928.08	874.86	53.22	17.438				
7,450.00	7,176.72	6,917.55	6,681.51	32.64	35.23	59.90	4.56	241.97	933.06	879.52	53.53	17.430				
7,500.00	7,187.89	6,930.99	6,693.07	32.82	35.36	60.21	-2.18	243.24	938.06	884.16	53.90	17.404				
7,550.00	7,195.23	6,941.32	6,701.96	32.99	35.46	60.37	-7.36	244.21	943.18	888.86	54.32	17.365				
7,600.00	7,198.70	6,948.55	6,708.18	33.17	35.53	60.38	-10.98	244.88	948.49	893.71	54.78	17.314				
7,622.60	7,199.00	6,950.79	6,710.11	33.25	35.55	60.33	-12.10	245.08	950.97	895.96	55.01	17.288				
7,700.00	7,198.64	6,957.33	6,715.74	33.54	35.61	60.73	-15.38	245.68	962.58	906.71	55.87	17.229				
7,800.00	7,198.17	6,965.63	6,722.88	33.98	35.69	61.23	-19.53	246.43	986.34	929.20	57.14	17.261				
7,900.00	7,197.71	6,973.76	6,729.88	34.47	35.77	61.72	-23.61	247.17	1,019.34	960.84	58.50	17.424				
8,000.00	7,197.24	6,981.73	6,736.74	35.03	35.84	62.20	-27.61	247.88	1,060.71	1,000.85	59.86	17.720				
8,100.00	7,196.78	6,989.55	6,743.47	35.64	35.92	62.67	-31.53	248.57	1,109.51	1,048.36	61.14	18.146				
8,200.00	7,196.31	6,997.22	6,750.06	36.30	35.99	63.14	-35.37	249.24	1,164.82	1,102.49	62.32	18.689				
8,300.00	7,195.85	7,004.73	6,756.54	37.01	36.06	63.59	-39.14	249.89	1,225.75	1,162.36	63.38	19.339				
8,400.00	7,195.38	7,000.00	6,752.46	37.77	36.01	63.30	-36.77	249.48	1,291.57	1,227.53	64.04	20.169				
8,500.00	7,194.92	7,000.00	6,752.46	38.57	36.01	63.30	-36.77	249.48	1,361.56	1,296.84	64.71	21.040				

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-179HC - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,600.00	7,194.46	7,008.46	6,759.75	39.41	36.09	63.81	-41.01	250.13	1,435.01	1,369.54	65.48	21.917					
8,700.00	7,193.99	7,010.13	6,761.19	40.30	36.11	63.91	-41.85	250.24	1,511.56	1,445.55	66.01	22.899					
8,800.00	7,193.53	7,011.61	6,762.46	41.22	36.12	64.00	-42.60	250.33	1,590.70	1,524.24	66.47	23.932					
8,900.00	7,193.06	7,012.93	6,763.60	42.17	36.14	64.08	-43.26	250.41	1,672.08	1,605.22	66.86	25.007					
9,000.00	7,192.60	7,014.11	6,764.62	43.16	36.15	64.15	-43.85	250.48	1,755.38	1,688.17	67.21	26.119					
9,100.00	7,192.13	7,015.18	6,765.54	44.17	36.16	64.22	-44.39	250.54	1,840.34	1,772.83	67.50	27.263					
9,200.00	7,191.67	7,025.00	6,774.02	45.22	36.25	64.81	-49.34	250.94	1,926.84	1,858.93	67.91	28.373					
9,300.00	7,191.20	7,025.00	6,774.02	46.29	36.25	64.81	-49.34	250.94	2,014.48	1,946.35	68.12	29.572					
9,400.00	7,190.74	7,025.00	6,774.02	47.38	36.25	64.81	-49.34	250.94	2,103.22	2,034.91	68.31	30.790					
9,500.00	7,190.27	7,025.00	6,774.02	48.50	36.25	64.81	-49.34	250.94	2,192.93	2,124.46	68.47	32.026					
9,600.00	7,189.81	7,025.00	6,774.02	49.64	36.25	64.81	-49.34	250.94	2,283.50	2,214.88	68.62	33.277					
9,700.00	7,189.34	7,025.00	6,774.02	50.80	36.25	64.81	-49.34	250.94	2,374.82	2,306.07	68.75	34.541					
9,800.00	7,188.88	7,025.00	6,774.02	51.98	36.25	64.81	-49.34	250.94	2,466.82	2,397.94	68.87	35.816					
9,900.00	7,188.41	7,025.00	6,774.02	53.17	36.25	64.81	-49.34	250.94	2,559.41	2,490.43	68.99	37.101					
10,000.00	7,187.95	7,025.00	6,774.02	54.38	36.25	64.81	-49.34	250.94	2,652.55	2,583.46	69.09	38.394					
10,100.00	7,187.49	7,025.00	6,774.02	55.61	36.25	64.81	-49.34	250.94	2,746.17	2,676.98	69.18	39.695					
10,200.00	7,187.02	7,025.00	6,774.02	56.85	36.25	64.81	-49.34	250.94	2,840.22	2,770.95	69.27	41.003					
10,300.00	7,186.56	7,025.00	6,774.02	58.10	36.25	64.81	-49.34	250.94	2,934.66	2,865.31	69.35	42.316					
10,400.00	7,186.09	7,025.00	6,774.02	59.37	36.25	64.81	-49.34	250.94	3,029.47	2,960.04	69.43	43.634					
10,500.00	7,185.63	7,025.00	6,774.02	60.64	36.25	64.81	-49.34	250.94	3,124.59	3,055.09	69.50	44.956					
10,600.00	7,185.16	7,025.00	6,774.02	61.93	36.25	64.81	-49.34	250.94	3,220.01	3,150.44	69.57	46.281					
10,700.00	7,184.70	7,025.00	6,774.02	63.23	36.25	64.81	-49.34	250.94	3,315.71	3,246.06	69.64	47.610					
10,800.00	7,184.23	7,025.00	6,774.02	64.54	36.25	64.81	-49.34	250.94	3,411.65	3,341.94	69.71	48.941					
10,900.00	7,183.77	7,025.00	6,774.02	65.85	36.25	64.81	-49.34	250.94	3,507.81	3,438.04	69.77	50.275					
11,000.00	7,183.30	7,025.00	6,774.02	67.18	36.25	64.81	-49.34	250.94	3,604.18	3,534.35	69.84	51.610					
11,100.00	7,182.84	7,025.00	6,774.02	68.51	36.25	64.81	-49.34	250.94	3,700.75	3,630.85	69.90	52.946					
11,200.00	7,182.37	7,025.00	6,774.02	69.85	36.25	64.81	-49.34	250.94	3,797.50	3,727.54	69.96	54.283					
11,300.00	7,181.91	7,025.00	6,774.02	71.20	36.25	64.81	-49.34	250.94	3,894.41	3,824.39	70.02	55.621					
11,400.00	7,181.45	7,025.00	6,774.02	72.56	36.25	64.81	-49.34	250.94	3,991.47	3,921.39	70.08	56.960					
11,500.00	7,180.98	7,025.00	6,774.02	73.92	36.25	64.81	-49.34	250.94	4,088.67	4,018.54	70.13	58.298					
11,600.00	7,180.52	7,025.00	6,774.02	75.29	36.25	64.81	-49.34	250.94	4,186.00	4,115.81	70.19	59.636					
11,700.00	7,180.05	7,025.00	6,774.02	76.66	36.25	64.81	-49.34	250.94	4,283.46	4,213.21	70.25	60.974					
11,800.00	7,179.59	7,025.00	6,774.02	78.04	36.25	64.81	-49.34	250.94	4,381.03	4,310.73	70.31	62.312					
11,900.00	7,179.12	7,025.00	6,774.02	79.42	36.25	64.81	-49.34	250.94	4,478.71	4,408.35	70.37	63.648					
12,000.00	7,178.66	7,025.00	6,774.02	80.81	36.25	64.81	-49.34	250.94	4,576.49	4,506.07	70.42	64.984					
12,100.00	7,178.19	7,025.00	6,774.02	82.20	36.25	64.81	-49.34	250.94	4,674.37	4,603.88	70.48	66.319					
12,200.00	7,177.73	7,025.00	6,774.02	83.60	36.25	64.81	-49.34	250.94	4,772.33	4,701.79	70.54	67.652					
12,300.00	7,177.26	7,025.00	6,774.02	85.00	36.25	64.81	-49.34	250.94	4,870.37	4,799.77	70.60	68.984					
12,400.00	7,176.80	7,025.00	6,774.02	86.41	36.25	64.81	-49.34	250.94	4,968.49	4,897.83	70.66	70.315					
12,500.00	7,176.33	7,025.00	6,774.02	87.82	36.25	64.81	-49.34	250.94	5,066.69	4,995.97	70.72	71.644					
12,600.00	7,175.87	7,025.00	6,774.02	89.23	36.25	64.81	-49.34	250.94	5,164.96	5,094.17	70.78	72.971					
12,700.00	7,175.40	7,025.00	6,774.02	90.65	36.25	64.81	-49.34	250.94	5,263.29	5,192.44	70.84	74.296					
12,800.00	7,174.94	7,025.00	6,774.02	92.07	36.25	64.81	-49.34	250.94	5,361.68	5,290.77	70.90	75.619					
12,900.00	7,174.48	7,025.00	6,774.02	93.49	36.25	64.81	-49.34	250.94	5,460.13	5,389.16	70.97	76.940					
13,000.00	7,174.01	7,025.00	6,774.02	94.91	36.25	64.81	-49.34	250.94	5,558.64	5,487.61	71.03	78.258					
13,100.00	7,173.55	7,025.00	6,774.02	96.34	36.25	64.81	-49.34	250.94	5,657.19	5,586.10	71.09	79.575					
13,200.00	7,173.08	7,025.00	6,774.02	97.77	36.25	64.81	-49.34	250.94	5,755.80	5,684.64	71.16	80.889					
13,300.00	7,172.62	7,025.00	6,774.02	99.21	36.25	64.81	-49.34	250.94	5,854.46	5,783.24	71.22	82.200					
13,400.00	7,172.15	7,025.00	6,774.02	100.64	36.25	64.81	-49.34	250.94	5,953.16	5,881.87	71.29	83.509					
13,500.00	7,171.69	7,025.00	6,774.02	102.08	36.25	64.81	-49.34	250.94	6,051.90	5,980.55	71.35	84.816					
13,600.00	7,171.22	7,025.00	6,774.02	103.52	36.25	64.81	-49.34	250.94	6,150.68	6,079.26	71.42	86.119					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - LEFFLER FE 20-179HC - OH - PLAN #1													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
13,700.00	7,170.76	7,025.00	6,774.02	104.97	36.25	64.81	-49.34	250.94	6,249.51	6,178.02	71.49	87.420		
13,800.00	7,170.29	7,025.00	6,774.02	106.41	36.25	64.81	-49.34	250.94	6,348.36	6,276.81	71.56	88.718		
13,900.00	7,169.83	7,025.00	6,774.02	107.86	36.25	64.81	-49.34	250.94	6,447.26	6,375.63	71.63	90.013		
14,000.00	7,169.36	7,025.00	6,774.02	109.31	36.25	64.81	-49.34	250.94	6,546.19	6,474.49	71.70	91.305		
14,100.00	7,168.90	7,025.00	6,774.02	110.76	36.25	64.81	-49.34	250.94	6,645.15	6,573.38	71.77	92.593		
14,200.00	7,168.44	7,025.00	6,774.02	112.21	36.25	64.81	-49.34	250.94	6,744.14	6,672.30	71.84	93.879		
14,300.00	7,167.97	7,025.00	6,774.02	113.67	36.25	64.81	-49.34	250.94	6,843.16	6,771.25	71.91	95.162		
14,400.00	7,167.51	7,025.00	6,774.02	115.12	36.25	64.81	-49.34	250.94	6,942.21	6,870.22	71.98	96.441		
14,500.00	7,167.04	7,025.00	6,774.02	116.58	36.25	64.81	-49.34	250.94	7,041.28	6,969.22	72.06	97.717		
14,600.00	7,166.58	7,025.00	6,774.02	118.04	36.25	64.81	-49.34	250.94	7,140.38	7,068.25	72.13	98.990		
14,700.00	7,166.11	7,025.00	6,774.02	119.50	36.25	64.81	-49.34	250.94	7,239.51	7,167.30	72.21	100.259		
14,800.00	7,165.65	7,025.00	6,774.02	120.97	36.25	64.81	-49.34	250.94	7,338.66	7,266.37	72.28	101.525		
14,900.00	7,165.18	7,025.00	6,774.02	122.43	36.25	64.81	-49.34	250.94	7,437.83	7,365.47	72.36	102.787		
15,000.00	7,164.72	7,025.00	6,774.02	123.90	36.25	64.81	-49.34	250.94	7,537.02	7,464.58	72.44	104.046		
15,100.00	7,164.25	7,025.00	6,774.02	125.36	36.25	64.81	-49.34	250.94	7,636.24	7,563.72	72.52	105.302		
15,200.00	7,163.79	7,025.00	6,774.02	126.83	36.25	64.81	-49.34	250.94	7,735.47	7,662.88	72.60	106.554		
15,300.00	7,163.32	7,025.00	6,774.02	128.30	36.25	64.81	-49.34	250.94	7,834.73	7,762.05	72.68	107.802		
15,400.00	7,162.86	7,025.00	6,774.02	129.77	36.25	64.81	-49.34	250.94	7,934.00	7,861.24	72.76	109.046		
15,500.00	7,162.39	7,025.00	6,774.02	131.24	36.25	64.81	-49.34	250.94	8,033.29	7,960.45	72.84	110.287		
15,600.00	7,161.93	7,025.00	6,774.02	132.71	36.25	64.81	-49.34	250.94	8,132.60	8,059.68	72.92	111.524		
15,700.00	7,161.47	7,025.00	6,774.02	134.19	36.25	64.81	-49.34	250.94	8,231.93	8,158.92	73.01	112.758		
15,800.00	7,161.00	7,025.00	6,774.02	135.66	36.25	64.81	-49.34	250.94	8,331.27	8,258.18	73.09	113.987		
15,900.00	7,160.54	7,025.00	6,774.02	137.14	36.25	64.81	-49.34	250.94	8,430.62	8,357.45	73.17	115.213		
16,000.00	7,160.07	7,025.00	6,774.02	138.61	36.25	64.81	-49.34	250.94	8,530.00	8,456.74	73.26	116.435		
16,100.00	7,159.61	7,025.00	6,774.02	140.09	36.25	64.81	-49.34	250.94	8,629.38	8,556.04	73.35	117.653		
16,200.00	7,159.14	7,025.00	6,774.02	141.57	36.25	64.81	-49.34	250.94	8,728.78	8,655.35	73.43	118.867		
16,300.00	7,158.68	7,025.00	6,774.02	143.05	36.25	64.81	-49.34	250.94	8,828.20	8,754.68	73.52	120.078		
16,400.00	7,158.21	7,025.00	6,774.02	144.53	36.25	64.81	-49.34	250.94	8,927.63	8,854.02	73.61	121.284		
16,500.00	7,157.75	7,025.00	6,774.02	146.01	36.25	64.81	-49.34	250.94	9,027.07	8,953.37	73.70	122.487		
16,600.00	7,157.28	7,025.00	6,774.02	147.49	36.25	64.81	-49.34	250.94	9,126.52	9,052.73	73.79	123.685		
16,700.00	7,156.82	7,025.00	6,774.02	148.97	36.25	64.81	-49.34	250.94	9,225.98	9,152.10	73.88	124.880		
16,800.00	7,156.35	7,025.00	6,774.02	150.45	36.25	64.81	-49.34	250.94	9,325.46	9,251.49	73.97	126.070		
16,900.00	7,155.89	7,025.00	6,774.02	151.94	36.25	64.81	-49.34	250.94	9,424.94	9,350.88	74.06	127.256		
17,000.00	7,155.43	7,025.00	6,774.02	153.42	36.25	64.81	-49.34	250.94	9,524.44	9,450.29	74.16	128.439		
17,100.00	7,154.96	7,025.00	6,774.02	154.90	36.25	64.81	-49.34	250.94	9,623.95	9,549.70	74.25	129.617		
17,200.00	7,154.50	7,025.00	6,774.02	156.39	36.25	64.81	-49.34	250.94	9,723.47	9,649.12	74.34	130.791		
17,300.00	7,154.03	7,025.00	6,774.02	157.88	36.25	64.81	-49.34	250.94	9,822.99	9,748.56	74.44	131.962		
17,400.00	7,153.57	7,025.00	6,774.02	159.36	36.25	64.81	-49.34	250.94	9,922.53	9,848.00	74.53	133.128		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	3.28 ft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	3.73	925.69	60.37	927.91					
100.00	100.00	78.20	78.20	3.28	3.28	3.73	925.69	60.37	927.65	921.09	6.57	141.225		
200.00	200.00	178.20	178.20	3.34	3.33	3.73	925.69	60.37	927.65	920.99	6.66	139.227		
300.00	300.00	278.20	278.20	3.44	3.43	3.73	925.69	60.37	927.65	920.78	6.87	135.011		
400.00	400.00	378.20	378.20	3.60	3.58	3.73	925.69	60.37	927.65	920.47	7.18	129.182		
500.00	499.99	478.19	478.19	3.80	3.78	63.78	925.69	60.37	927.27	919.69	7.58	122.362		
600.00	599.96	578.16	578.16	4.03	4.02	63.94	925.69	60.37	926.12	918.07	8.05	115.051		
700.00	699.86	678.06	678.06	4.30	4.28	64.20	925.69	60.37	924.21	915.62	8.59	107.645		
790.00	789.74	767.94	767.94	4.57	4.55	64.46	925.69	60.37	922.16	913.05	9.11	101.183		
800.00	799.73	777.93	777.93	4.60	4.58	61.36	925.69	60.37	921.92	912.75	9.17	100.483		
900.00	899.50	877.70	877.70	4.92	4.89	40.59	925.69	60.37	917.60	907.79	9.81	93.545		
1,000.00	999.05	977.25	977.25	5.26	5.23	30.75	925.69	60.37	909.84	899.36	10.48	86.808		
1,077.14	1,075.61	1,053.81	1,053.81	5.53	5.49	26.45	925.69	60.37	901.52	890.50	11.02	81.808		
1,100.00	1,098.26	1,076.46	1,076.46	5.61	5.57	26.53	925.69	60.37	898.76	887.58	11.18	80.367		
1,200.00	1,197.35	1,175.55	1,175.55	5.98	5.93	26.92	925.69	60.37	886.69	874.79	11.90	74.495		
1,300.00	1,296.44	1,274.64	1,274.64	6.35	6.30	27.32	925.69	60.37	874.67	862.02	12.64	69.180		
1,400.00	1,395.52	1,373.72	1,373.72	6.73	6.67	27.73	925.69	60.37	862.69	849.28	13.40	64.372		
1,500.00	1,494.61	1,472.81	1,472.81	7.12	7.05	28.15	925.69	60.37	850.75	836.57	14.17	60.019		
1,600.00	1,593.70	1,571.90	1,571.90	7.52	7.44	28.59	925.69	60.37	838.86	823.90	14.96	56.072		
1,700.00	1,692.78	1,670.98	1,670.98	7.93	7.83	29.03	925.69	60.37	827.02	811.26	15.76	52.487		
1,800.00	1,791.87	1,770.07	1,770.07	8.33	8.23	29.49	925.69	60.37	815.23	798.67	16.56	49.223		
1,900.00	1,890.95	1,869.15	1,869.15	8.75	8.63	29.97	925.69	60.37	803.49	786.12	17.38	46.243		
2,000.00	1,990.04	1,968.24	1,968.24	9.16	9.03	30.45	925.69	60.37	791.81	773.62	18.20	43.517		
2,100.00	2,089.13	2,067.33	2,067.33	9.58	9.44	30.95	925.69	60.37	780.19	761.17	19.02	41.017		
2,200.00	2,188.21	2,166.41	2,166.41	10.01	9.85	31.47	925.69	60.37	768.63	748.77	19.85	38.717		
2,300.00	2,287.30	2,265.50	2,265.50	10.43	10.26	32.00	925.69	60.37	757.13	736.44	20.69	36.598		
2,400.00	2,386.39	2,364.59	2,364.59	10.86	10.67	32.55	925.69	60.37	745.70	724.17	21.53	34.639		
2,500.00	2,485.47	2,463.67	2,463.67	11.29	11.09	33.11	925.69	60.37	734.34	711.96	22.37	32.826		
2,600.00	2,584.56	2,562.76	2,562.76	11.72	11.50	33.69	925.69	60.37	723.05	699.83	23.22	31.143		
2,700.00	2,683.65	2,661.85	2,661.85	12.15	11.92	34.29	925.69	60.37	711.83	687.77	24.07	29.578		
2,800.00	2,782.73	2,760.93	2,760.93	12.58	12.34	34.91	925.69	60.37	700.70	675.78	24.92	28.121		
2,900.00	2,881.82	2,860.02	2,860.02	13.02	12.76	35.55	925.69	60.37	689.65	663.88	25.77	26.760		
3,000.00	2,980.91	2,959.11	2,959.11	13.45	13.18	36.21	925.69	60.37	678.69	652.07	26.63	25.488		
3,100.00	3,079.99	3,058.19	3,058.19	13.89	13.60	36.89	925.69	60.37	667.82	640.34	27.49	24.298		
3,200.00	3,179.08	3,157.28	3,157.28	14.33	14.02	37.60	925.69	60.37	657.05	628.71	28.34	23.181		
3,300.00	3,278.17	3,256.37	3,256.37	14.76	14.45	38.32	925.69	60.37	646.38	617.18	29.21	22.132		
3,400.00	3,377.25	3,355.45	3,355.45	15.20	14.87	39.08	925.69	60.37	635.82	605.76	30.07	21.147		
3,500.00	3,476.34	3,454.54	3,454.54	15.64	15.29	39.85	925.69	60.37	625.37	594.44	30.93	20.218		
3,600.00	3,575.43	3,553.63	3,553.63	16.08	15.72	40.65	925.69	60.37	615.04	583.25	31.80	19.344		
3,700.00	3,674.51	3,652.71	3,652.71	16.53	16.14	41.48	925.69	60.37	604.83	572.17	32.66	18.519		
3,800.00	3,773.60	3,751.80	3,751.80	16.97	16.57	42.34	925.69	60.37	594.76	561.23	33.53	17.740		
3,900.00	3,872.69	3,850.89	3,850.89	17.41	17.00	43.22	925.69	60.37	584.82	550.42	34.39	17.003		
4,000.00	3,971.77	3,949.97	3,949.97	17.85	17.42	44.14	925.69	60.37	575.02	539.76	35.26	16.307		
4,100.00	4,070.86	4,049.06	4,049.06	18.29	17.85	45.09	925.69	60.37	565.38	529.25	36.13	15.648		
4,200.00	4,169.95	4,157.82	4,157.82	18.74	18.31	46.20	925.08	60.47	555.48	518.48	37.00	15.013		
4,300.00	4,269.03	4,282.35	4,282.18	19.18	18.80	47.86	919.16	61.49	542.35	504.55	37.80	14.349		
4,400.00	4,368.12	4,407.22	4,406.24	19.63	19.29	50.17	905.35	63.86	524.50	486.01	38.49	13.627		
4,500.00	4,467.21	4,527.60	4,524.73	20.07	19.76	53.16	884.50	67.44	502.46	463.34	39.12	12.845		
4,600.00	4,566.29	4,642.84	4,636.69	20.52	20.23	56.92	857.69	72.05	477.11	437.38	39.73	12.008		
4,700.00	4,665.38	4,752.47	4,741.50	20.96	20.70	61.52	826.05	77.49	449.55	409.15	40.40	11.128		
4,800.00	4,764.47	4,856.23	4,838.85	21.41	21.17	67.04	790.70	83.56	421.23	380.03	41.20	10.224		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
4,900.00	4,863.55	4,954.01	4,928.67	21.85	21.64	73.51	752.66	90.10	393.97	351.76	42.21	9.334			
5,000.00	4,962.64	5,045.84	5,011.13	22.30	22.13	80.83	712.85	96.94	370.09	326.64	43.45	8.518			
5,100.00	5,061.73	5,130.99	5,085.85	22.74	22.61	88.71	672.60	103.86	352.42	307.59	44.83	7.860			
5,200.00	5,160.81	5,211.22	5,155.29	23.19	23.10	96.78	633.01	110.66	343.97	297.88	46.09	7.462			
5,228.67	5,189.22	5,233.78	5,174.75	23.32	23.25	99.10	621.74	112.60	343.52	297.12	46.40	7.404 CC, ES			
5,300.00	5,259.90	5,289.93	5,223.15	23.64	23.61	104.86	593.69	117.42	346.32	299.34	46.99	7.371 SF			
5,400.00	5,358.99	5,368.65	5,291.01	24.08	24.15	112.71	554.38	124.17	359.40	311.93	47.47	7.571			
5,500.00	5,458.07	5,447.36	5,358.86	24.53	24.71	120.08	515.06	130.93	382.11	334.46	47.65	8.019			
5,600.00	5,557.16	5,526.07	5,426.72	24.98	25.28	126.79	475.75	137.68	412.87	365.18	47.68	8.659			
5,700.00	5,656.25	5,604.79	5,494.58	25.42	25.88	132.77	436.43	144.44	450.02	402.33	47.69	9.437			
5,800.00	5,755.33	5,683.50	5,562.43	25.87	26.50	138.02	397.12	151.19	492.12	444.37	47.75	10.307			
5,900.00	5,854.42	5,762.21	5,630.29	26.32	27.14	142.60	357.80	157.95	538.01	490.12	47.89	11.234			
6,000.00	5,953.51	5,840.93	5,698.15	26.77	27.79	146.57	318.49	164.70	586.80	538.68	48.12	12.195			
6,100.00	6,052.59	5,919.64	5,766.00	27.21	28.45	150.02	279.17	171.46	637.83	589.40	48.43	13.170			
6,200.00	6,151.68	6,001.64	5,833.86	27.66	29.16	153.03	239.86	178.22	690.59	641.76	48.84	14.141			
6,300.00	6,250.76	6,077.07	5,901.72	28.11	29.83	155.66	200.54	184.97	744.73	695.47	49.26	15.117			
6,400.00	6,349.85	6,155.78	5,969.57	28.56	30.53	157.97	161.23	191.73	799.96	750.20	49.76	16.076			
6,500.00	6,448.94	6,234.50	6,037.43	29.01	31.25	160.00	121.92	198.48	856.08	805.77	50.30	17.019			
6,589.36	6,537.48	6,304.83	6,098.07	29.41	31.90	161.63	86.78	204.52	906.83	856.01	50.82	17.846			
6,600.00	6,548.03	6,313.22	6,105.30	29.45	31.98	154.44	82.60	205.24	912.86	861.98	50.88	17.943			
6,650.00	6,597.61	6,352.84	6,139.46	29.67	32.35	119.03	62.80	208.64	940.05	888.90	51.15	18.378			
6,700.00	6,647.01	6,392.65	6,173.77	29.89	32.72	93.96	42.92	212.06	965.32	913.93	51.39	18.783			
6,750.00	6,695.92	6,432.39	6,208.03	30.10	33.10	80.07	23.07	215.47	988.66	937.05	51.61	19.155			
6,800.00	6,744.04	6,471.82	6,242.02	30.31	33.47	72.15	3.38	218.85	1,010.09	958.28	51.81	19.495			
6,850.00	6,791.07	6,510.70	6,275.54	30.51	33.84	67.29	-16.04	222.19	1,029.65	977.66	51.99	19.806			
6,900.00	6,836.72	6,548.78	6,308.37	30.71	34.21	64.18	-35.06	225.46	1,047.39	995.25	52.14	20.086			
6,950.00	6,880.71	6,585.84	6,340.32	30.90	34.57	62.15	-53.57	228.64	1,063.41	1,011.13	52.28	20.339			
7,000.00	6,922.77	6,621.64	6,371.18	31.08	34.92	60.83	-71.45	231.71	1,077.79	1,025.38	52.41	20.564			
7,050.00	6,962.63	6,655.97	6,400.77	31.27	35.25	60.00	-88.60	234.66	1,090.66	1,038.13	52.53	20.761			
7,100.00	7,000.07	6,688.61	6,428.91	31.44	35.57	59.53	-104.90	237.46	1,102.13	1,049.48	52.65	20.931			
7,150.00	7,034.83	6,719.36	6,455.42	31.62	35.87	59.32	-120.26	240.10	1,112.33	1,059.55	52.78	21.075			
7,200.00	7,066.72	6,748.02	6,480.13	31.79	36.16	59.29	-134.58	242.56	1,121.41	1,068.49	52.92	21.192			
7,250.00	7,095.52	6,774.44	6,502.90	31.96	36.42	59.38	-147.77	244.82	1,129.48	1,076.41	53.07	21.282			
7,300.00	7,121.07	6,798.43	6,523.59	32.13	36.66	59.54	-159.75	246.88	1,136.70	1,083.45	53.25	21.345			
7,350.00	7,143.21	6,824.41	6,546.00	32.30	36.91	59.97	-172.75	248.74	1,143.15	1,089.55	53.61	21.325			
7,400.00	7,161.80	6,844.32	6,563.21	32.47	37.11	60.25	-182.73	249.59	1,148.97	1,095.08	53.89	21.321			
7,450.00	7,176.72	6,858.62	6,575.57	32.64	37.25	60.36	-189.90	249.90	1,154.34	1,100.22	54.13	21.326			
7,500.00	7,187.89	6,868.15	6,583.81	32.82	37.34	60.33	-194.69	249.96	1,159.38	1,105.03	54.35	21.330			
7,550.00	7,195.23	6,873.67	6,588.58	32.99	37.39	60.17	-197.46	249.95	1,164.15	1,109.57	54.59	21.327			
7,600.00	7,198.70	6,875.79	6,590.41	33.17	37.41	59.91	-198.53	249.93	1,168.68	1,113.83	54.85	21.308			
7,622.60	7,199.00	6,875.77	6,590.40	33.25	37.41	59.77	-198.52	249.93	1,170.64	1,115.66	54.98	21.294			
7,700.00	7,198.64	6,874.86	6,589.61	33.54	37.40	59.72	-198.06	249.94	1,179.79	1,124.28	55.51	21.253			
7,800.00	7,198.17	6,873.87	6,588.76	33.98	37.39	59.67	-197.57	249.94	1,198.94	1,142.55	56.39	21.262			
7,900.00	7,197.71	6,873.05	6,588.05	34.47	37.39	59.63	-197.15	249.95	1,225.97	1,168.55	57.41	21.354			
8,000.00	7,197.24	6,872.35	6,587.45	35.03	37.38	59.60	-196.80	249.95	1,260.37	1,201.85	58.51	21.540			
8,100.00	7,196.78	6,871.76	6,586.93	35.64	37.37	59.57	-196.50	249.96	1,301.56	1,241.92	59.64	21.823			
8,200.00	7,196.31	6,871.24	6,586.49	36.30	37.37	59.54	-196.24	249.96	1,348.92	1,288.17	60.75	22.205			
8,300.00	7,195.85	6,870.79	6,586.10	37.01	37.36	59.52	-196.02	249.96	1,401.83	1,340.03	61.80	22.682			
8,400.00	7,195.38	6,870.39	6,585.75	37.77	37.36	59.50	-195.82	249.96	1,459.68	1,396.89	62.78	23.249			
8,500.00	7,194.92	6,870.04	6,585.45	38.57	37.36	59.49	-195.64	249.96	1,521.90	1,458.22	63.69	23.897			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	3.28 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,600.00	7,194.46	6,869.73	6,585.17	39.41	37.35	59.47	-195.48	249.96	1,587.99	1,523.49	64.50	24.619			
8,700.00	7,193.99	6,869.44	6,584.93	40.30	37.35	59.46	-195.34	249.96	1,657.48	1,592.24	65.24	25.407			
8,800.00	7,193.53	6,869.18	6,584.71	41.22	37.35	59.44	-195.21	249.96	1,729.96	1,664.07	65.89	26.254			
8,900.00	7,193.06	6,868.95	6,584.50	42.17	37.35	59.43	-195.09	249.96	1,805.08	1,738.59	66.48	27.152			
9,000.00	7,192.60	6,868.74	6,584.32	43.16	37.34	59.42	-194.99	249.96	1,882.51	1,815.50	67.00	28.095			
9,100.00	7,192.13	6,868.54	6,584.15	44.17	37.34	59.41	-194.89	249.96	1,961.98	1,894.51	67.47	29.079			
9,200.00	7,191.67	6,868.36	6,584.00	45.22	37.34	59.40	-194.80	249.96	2,043.25	1,975.37	67.89	30.098			
9,300.00	7,191.20	6,868.20	6,583.85	46.29	37.34	59.40	-194.72	249.96	2,126.13	2,057.87	68.26	31.148			
9,400.00	7,190.74	6,868.05	6,583.72	47.38	37.34	59.39	-194.64	249.96	2,210.42	2,141.82	68.59	32.226			
9,500.00	7,190.27	6,867.90	6,583.60	48.50	37.34	59.38	-194.57	249.96	2,295.97	2,227.08	68.89	33.328			
9,600.00	7,189.81	6,867.77	6,583.48	49.64	37.34	59.37	-194.50	249.96	2,382.64	2,313.48	69.16	34.451			
9,700.00	7,189.34	6,867.65	6,583.38	50.80	37.33	59.37	-194.44	249.96	2,470.33	2,400.92	69.40	35.594			
9,800.00	7,188.88	6,867.53	6,583.28	51.98	37.33	59.36	-194.38	249.96	2,558.91	2,489.29	69.63	36.753			
9,900.00	7,188.41	6,867.40	6,583.12	53.17	37.16	58.50	-185.58	249.75	2,648.54	2,578.98	69.56	38.075			
10,000.00	7,187.95	6,867.28	6,583.00	54.38	37.16	58.50	-185.58	249.75	2,738.67	2,668.92	69.75	39.263			
10,100.00	7,187.49	6,867.16	6,582.88	55.61	37.16	58.50	-185.58	249.75	2,829.47	2,759.54	69.93	40.463			
10,200.00	7,187.02	6,867.04	6,582.76	56.85	37.16	58.50	-185.58	249.75	2,920.86	2,850.77	70.09	41.674			
10,300.00	7,186.56	6,866.92	6,582.64	58.10	37.16	58.50	-185.58	249.75	3,012.80	2,942.56	70.24	42.894			
10,400.00	7,186.09	6,866.80	6,582.52	59.37	37.16	58.50	-185.58	249.75	3,105.24	3,034.86	70.38	44.122			
10,500.00	7,185.63	6,866.68	6,582.40	60.64	37.16	58.50	-185.58	249.75	3,198.14	3,127.63	70.51	45.357			
10,600.00	7,185.16	6,866.56	6,582.28	61.93	37.16	58.50	-185.58	249.75	3,291.45	3,220.82	70.63	46.600			
10,700.00	7,184.70	6,866.44	6,582.16	63.23	37.16	58.50	-185.58	249.75	3,385.14	3,314.39	70.75	47.847			
10,800.00	7,184.23	6,866.32	6,582.04	64.54	37.16	58.50	-185.58	249.75	3,479.19	3,408.33	70.86	49.101			
10,900.00	7,183.77	6,866.20	6,581.92	65.85	37.16	58.50	-185.58	249.75	3,573.55	3,502.59	70.96	50.358			
11,000.00	7,183.30	6,866.08	6,581.80	67.18	37.16	58.50	-185.58	249.75	3,668.22	3,597.16	71.06	51.619			
11,100.00	7,182.84	6,865.96	6,581.68	68.51	37.16	58.50	-185.58	249.75	3,763.16	3,692.00	71.16	52.884			
11,200.00	7,182.37	6,865.84	6,581.56	69.85	37.16	58.50	-185.58	249.75	3,858.36	3,787.11	71.25	54.152			
11,300.00	7,181.91	6,865.72	6,581.44	71.20	37.16	58.50	-185.58	249.75	3,953.79	3,882.45	71.34	55.422			
11,400.00	7,181.45	6,865.60	6,581.32	72.56	37.16	58.50	-185.58	249.75	4,049.45	3,978.02	71.43	56.695			
11,500.00	7,180.98	6,865.48	6,581.20	73.92	37.16	58.50	-185.58	249.75	4,145.31	4,073.80	71.51	57.969			
11,600.00	7,180.52	6,865.36	6,581.08	75.29	37.16	58.50	-185.58	249.75	4,241.36	4,169.77	71.59	59.245			
11,700.00	7,180.05	6,865.24	6,580.96	76.66	37.16	58.50	-185.58	249.75	4,337.59	4,265.92	71.67	60.521			
11,800.00	7,179.59	6,865.12	6,580.84	78.04	37.16	58.50	-185.58	249.75	4,433.99	4,362.24	71.75	61.799			
11,900.00	7,179.12	6,865.00	6,580.72	79.42	37.16	58.50	-185.58	249.75	4,530.54	4,458.71	71.83	63.077			
12,000.00	7,178.66	6,864.88	6,580.60	80.81	37.16	58.50	-185.58	249.75	4,627.24	4,555.34	71.90	64.355			
12,100.00	7,178.19	6,864.76	6,580.48	82.20	37.16	58.50	-185.58	249.75	4,724.08	4,652.10	71.98	65.634			
12,200.00	7,177.73	6,864.64	6,580.36	83.60	37.16	58.50	-185.58	249.75	4,821.04	4,748.99	72.05	66.913			
12,300.00	7,177.26	6,864.52	6,580.24	85.00	37.16	58.50	-185.58	249.75	4,918.13	4,846.01	72.12	68.191			
12,400.00	7,176.80	6,864.40	6,580.12	86.41	37.16	58.50	-185.58	249.75	5,015.33	4,943.13	72.20	69.468			
12,500.00	7,176.33	6,864.28	6,580.00	87.82	37.16	58.50	-185.58	249.75	5,112.64	5,040.37	72.27	70.745			
12,600.00	7,175.87	6,864.16	6,579.88	89.23	37.16	58.50	-185.58	249.75	5,210.05	5,137.71	72.34	72.022			
12,700.00	7,175.40	6,864.04	6,579.76	90.65	37.16	58.50	-185.58	249.75	5,307.56	5,235.15	72.41	73.297			
12,800.00	7,174.94	6,863.92	6,579.64	92.07	37.16	58.50	-185.58	249.75	5,405.16	5,332.67	72.48	74.571			
12,900.00	7,174.48	6,863.80	6,579.52	93.49	37.16	58.50	-185.58	249.75	5,502.84	5,430.29	72.56	75.844			
13,000.00	7,174.01	6,863.68	6,579.40	94.91	37.16	58.50	-185.58	249.75	5,600.61	5,527.98	72.63	77.115			
13,100.00	7,173.55	6,863.56	6,579.28	96.34	37.16	58.50	-185.58	249.75	5,698.45	5,625.76	72.70	78.385			
13,200.00	7,173.08	6,863.44	6,579.16	97.77	37.16	58.50	-185.58	249.75	5,796.37	5,723.60	72.77	79.653			
13,300.00	7,172.62	6,863.32	6,579.04	99.21	37.16	58.50	-185.58	249.75	5,894.36	5,821.52	72.84	80.920			
13,400.00	7,172.15	6,863.20	6,578.92	100.64	37.16	58.50	-185.58	249.75	5,992.42	5,919.50	72.91	82.184			
13,500.00	7,171.69	6,863.08	6,578.80	102.08	37.16	58.50	-185.58	249.75	6,090.53	6,017.55	72.99	83.447			
13,600.00	7,171.22	6,862.96	6,578.68	103.52	37.16	58.50	-185.58	249.75	6,188.71	6,115.65	73.06	84.707			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-179HN - PLAN #1 - PLAN #1		Offset Site Error:	0.00 ft
Survey Program: 0-MWD															Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)					
13,700.00	7,170.76	6,850.00	6,568.12	104.97	37.16	58.50	-185.58	249.75	6,286.95	6,213.81	73.13	85.966				
13,800.00	7,170.29	6,850.00	6,568.12	106.41	37.16	58.50	-185.58	249.75	6,385.24	6,312.03	73.21	87.222				
13,900.00	7,169.83	6,850.00	6,568.12	107.86	37.16	58.50	-185.58	249.75	6,483.58	6,410.30	73.28	88.476				
14,000.00	7,169.36	6,850.00	6,568.12	109.31	37.16	58.50	-185.58	249.75	6,581.97	6,508.62	73.35	89.728				
14,100.00	7,168.90	6,850.00	6,568.12	110.76	37.16	58.50	-185.58	249.75	6,680.41	6,606.98	73.43	90.977				
14,200.00	7,168.44	6,850.00	6,568.12	112.21	37.16	58.50	-185.58	249.75	6,778.90	6,705.39	73.51	92.223				
14,300.00	7,167.97	6,850.00	6,568.12	113.67	37.16	58.50	-185.58	249.75	6,877.43	6,803.85	73.58	93.467				
14,400.00	7,167.51	6,850.00	6,568.12	115.12	37.16	58.50	-185.58	249.75	6,976.00	6,902.34	73.66	94.709				
14,500.00	7,167.04	6,850.00	6,568.12	116.58	37.16	58.50	-185.58	249.75	7,074.61	7,000.87	73.73	95.947				
14,600.00	7,166.58	6,850.00	6,568.12	118.04	37.16	58.50	-185.58	249.75	7,173.26	7,099.45	73.81	97.183				
14,700.00	7,166.11	6,850.00	6,568.12	119.50	37.16	58.50	-185.58	249.75	7,271.95	7,198.06	73.89	98.416				
14,800.00	7,165.65	6,850.00	6,568.12	120.97	37.16	58.50	-185.58	249.75	7,370.67	7,296.70	73.97	99.646				
14,900.00	7,165.18	6,850.00	6,568.12	122.43	37.16	58.50	-185.58	249.75	7,469.42	7,395.38	74.05	100.873				
15,000.00	7,164.72	6,850.00	6,568.12	123.90	37.16	58.50	-185.58	249.75	7,568.21	7,494.09	74.13	102.097				
15,100.00	7,164.25	6,850.00	6,568.12	125.36	37.16	58.50	-185.58	249.75	7,667.03	7,592.82	74.21	103.318				
15,200.00	7,163.79	6,850.00	6,568.12	126.83	37.16	58.50	-185.58	249.75	7,765.88	7,691.59	74.29	104.536				
15,300.00	7,163.32	6,850.00	6,568.12	128.30	37.16	58.50	-185.58	249.75	7,864.76	7,790.39	74.37	105.751				
15,400.00	7,162.86	6,850.00	6,568.12	129.77	37.16	58.50	-185.58	249.75	7,963.67	7,889.22	74.45	106.963				
15,500.00	7,162.39	6,850.00	6,568.12	131.24	37.16	58.50	-185.58	249.75	8,062.60	7,988.07	74.54	108.171				
15,600.00	7,161.93	6,850.00	6,568.12	132.71	37.16	58.50	-185.58	249.75	8,161.56	8,086.95	74.62	109.376				
15,700.00	7,161.47	6,850.00	6,568.12	134.19	37.16	58.50	-185.58	249.75	8,260.55	8,185.85	74.70	110.578				
15,800.00	7,161.00	6,850.00	6,568.12	135.66	37.16	58.50	-185.58	249.75	8,359.56	8,284.77	74.79	111.776				
15,900.00	7,160.54	6,850.00	6,568.12	137.14	37.16	58.50	-185.58	249.75	8,458.59	8,383.72	74.87	112.972				
16,000.00	7,160.07	6,850.00	6,568.12	138.61	37.16	58.50	-185.58	249.75	8,557.65	8,482.69	74.96	114.163				
16,100.00	7,159.61	6,850.00	6,568.12	140.09	37.16	58.50	-185.58	249.75	8,656.73	8,581.68	75.05	115.351				
16,200.00	7,159.14	6,850.00	6,568.12	141.57	37.16	58.50	-185.58	249.75	8,755.82	8,680.69	75.13	116.536				
16,300.00	7,158.68	6,850.00	6,568.12	143.05	37.16	58.50	-185.58	249.75	8,854.94	8,779.72	75.22	117.717				
16,400.00	7,158.21	6,850.00	6,568.12	144.53	37.16	58.50	-185.58	249.75	8,954.08	8,878.77	75.31	118.895				
16,500.00	7,157.75	6,850.00	6,568.12	146.01	37.16	58.50	-185.58	249.75	9,053.24	8,977.84	75.40	120.069				
16,600.00	7,157.28	6,850.00	6,568.12	147.49	37.16	58.50	-185.58	249.75	9,152.41	9,076.92	75.49	121.240				
16,700.00	7,156.82	6,850.00	6,568.12	148.97	37.16	58.50	-185.58	249.75	9,251.60	9,176.02	75.58	122.407				
16,800.00	7,156.35	6,850.00	6,568.12	150.45	37.16	58.50	-185.58	249.75	9,350.82	9,275.14	75.67	123.570				
16,900.00	7,155.89	6,850.00	6,568.12	151.94	37.16	58.50	-185.58	249.75	9,450.04	9,374.28	75.76	124.730				
17,000.00	7,155.43	6,850.00	6,568.12	153.42	37.16	58.50	-185.58	249.75	9,549.28	9,473.43	75.86	125.886				
17,100.00	7,154.96	6,850.00	6,568.12	154.90	37.16	58.50	-185.58	249.75	9,648.54	9,572.59	75.95	127.039				
17,200.00	7,154.50	6,850.00	6,568.12	156.39	37.16	58.50	-185.58	249.75	9,747.82	9,671.77	76.04	128.187				
17,300.00	7,154.03	6,850.00	6,568.12	157.88	37.16	58.50	-185.58	249.75	9,847.11	9,770.97	76.14	129.332				
17,400.00	7,153.57	6,850.00	6,568.12	159.36	37.16	58.50	-185.58	249.75	9,946.41	9,870.18	76.23	130.473				



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 0-MWD													Offset Well Error:	0.00 ft
Reference														
Offset				Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	0.00	3.79	910.40	60.37	912.66					
100.00	100.00	78.00	78.00	3.28	0.17	3.79	910.40	60.37	912.40	908.94	3.46	264.058		
200.00	200.00	178.00	178.00	3.34	0.56	3.79	910.40	60.37	912.40	908.50	3.90	234.150		
300.00	300.00	278.00	278.00	3.44	1.00	3.79	910.40	60.37	912.40	907.96	4.44	205.405		
400.00	400.00	378.00	378.00	3.60	1.44	3.79	910.40	60.37	912.40	907.36	5.04	181.105		
500.00	499.99	477.99	477.99	3.80	1.88	63.85	910.40	60.37	912.01	906.34	5.68	160.679		
600.00	599.96	577.96	577.96	4.03	2.32	64.00	910.40	60.37	910.86	904.51	6.35	143.441		
700.00	699.86	677.86	677.86	4.30	2.75	64.27	910.40	60.37	908.96	901.90	7.06	128.810		
790.00	789.74	767.74	767.74	4.57	3.15	64.54	910.40	60.37	906.92	899.21	7.72	117.548		
800.00	799.73	777.73	777.73	4.60	3.19	61.43	910.40	60.37	906.68	898.89	7.79	116.394		
900.00	899.50	877.50	877.50	4.92	3.63	40.67	910.40	60.37	902.36	893.82	8.55	105.585		
1,000.00	999.05	977.05	977.05	5.26	4.07	30.83	910.40	60.37	894.61	885.29	9.32	95.961		
1,077.14	1,075.61	1,053.61	1,053.61	5.53	4.40	26.54	910.40	60.37	886.30	876.37	9.93	89.238		
1,100.00	1,098.26	1,076.26	1,076.26	5.61	4.50	26.63	910.40	60.37	883.54	873.43	10.11	87.354		
1,200.00	1,197.35	1,175.35	1,175.35	5.98	4.94	27.03	910.40	60.37	871.49	860.57	10.91	79.867		
1,300.00	1,296.44	1,274.44	1,274.44	6.35	5.37	27.43	910.40	60.37	859.47	847.75	11.72	73.331		
1,400.00	1,395.52	1,373.52	1,373.52	6.73	5.81	27.85	910.40	60.37	847.50	834.96	12.54	67.592		
1,500.00	1,494.61	1,472.61	1,472.61	7.12	6.24	28.28	910.40	60.37	835.58	822.21	13.36	62.522		
1,600.00	1,593.70	1,571.70	1,571.70	7.52	6.68	28.73	910.40	60.37	823.70	809.51	14.20	58.018		
1,700.00	1,692.78	1,670.78	1,670.78	7.93	7.11	29.18	910.40	60.37	811.88	796.84	15.04	53.996		
1,800.00	1,791.87	1,769.87	1,769.87	8.33	7.55	29.65	910.40	60.37	800.11	784.23	15.88	50.387		
1,900.00	1,890.95	1,868.95	1,868.95	8.75	7.98	30.14	910.40	60.37	788.39	771.66	16.73	47.134		
2,000.00	1,990.04	1,968.04	1,968.04	9.16	8.42	30.64	910.40	60.37	776.73	759.15	17.58	44.188		
2,100.00	2,089.13	2,067.13	2,067.13	9.58	8.85	31.15	910.40	60.37	765.13	746.70	18.43	41.511		
2,200.00	2,188.21	2,166.21	2,166.21	10.01	9.29	31.68	910.40	60.37	753.59	734.30	19.29	39.068		
2,300.00	2,287.30	2,265.30	2,265.30	10.43	9.72	32.22	910.40	60.37	742.12	721.97	20.15	36.832		
2,400.00	2,386.39	2,364.39	2,364.39	10.86	10.15	32.79	910.40	60.37	730.72	709.71	21.01	34.779		
2,500.00	2,485.47	2,463.47	2,463.47	11.29	10.59	33.37	910.40	60.37	719.39	697.52	21.87	32.889		
2,600.00	2,584.56	2,562.56	2,562.56	11.72	11.02	33.96	910.40	60.37	708.13	685.40	22.74	31.143		
2,700.00	2,683.65	2,661.65	2,661.65	12.15	11.46	34.58	910.40	60.37	696.96	673.35	23.60	29.526		
2,800.00	2,782.73	2,760.73	2,760.73	12.58	11.89	35.22	910.40	60.37	685.86	661.39	24.47	28.026		
2,900.00	2,881.82	2,859.82	2,859.82	13.02	12.33	35.88	910.40	60.37	674.86	649.52	25.34	26.630		
3,000.00	2,980.91	2,958.91	2,958.91	13.45	12.76	36.56	910.40	60.37	663.94	637.73	26.21	25.330		
3,100.00	3,079.99	3,057.99	3,057.99	13.89	13.20	37.26	910.40	60.37	653.13	626.04	27.08	24.116		
3,200.00	3,179.08	3,157.08	3,157.08	14.33	13.63	37.99	910.40	60.37	642.41	614.45	27.95	22.981		
3,300.00	3,278.17	3,256.17	3,256.17	14.76	14.07	38.74	910.40	60.37	631.80	602.97	28.83	21.917		
3,400.00	3,377.25	3,355.25	3,355.25	15.20	14.50	39.51	910.40	60.37	621.30	591.60	29.70	20.919		
3,500.00	3,476.34	3,454.34	3,454.34	15.64	14.94	40.31	910.40	60.37	610.91	580.34	30.57	19.982		
3,600.00	3,575.43	3,553.43	3,553.43	16.08	15.37	41.14	910.40	60.37	600.66	569.21	31.45	19.100		
3,700.00	3,674.51	3,652.51	3,652.51	16.53	15.79	42.00	910.40	60.37	590.53	558.21	32.31	18.276		
3,800.00	3,773.60	3,770.15	3,770.14	16.97	16.27	43.12	909.12	60.54	579.71	546.54	33.17	17.477		
3,900.00	3,872.69	3,902.30	3,901.93	17.41	16.80	44.85	899.79	61.79	563.80	529.86	33.94	16.612		
4,000.00	3,971.77	4,030.17	4,028.53	17.85	17.30	47.16	882.18	64.15	542.60	508.00	34.60	15.682		
4,100.00	4,070.86	4,152.89	4,148.65	18.29	17.80	50.13	857.43	67.46	516.78	481.59	35.19	14.685		
4,200.00	4,169.95	4,269.80	4,261.38	18.74	18.30	53.85	826.78	71.57	487.19	451.43	35.76	13.624		
4,300.00	4,269.03	4,380.50	4,366.19	19.18	18.81	58.43	791.51	76.29	454.93	418.55	36.38	12.505		
4,400.00	4,368.12	4,484.79	4,462.89	19.63	19.32	64.00	752.82	81.48	421.41	384.27	37.14	11.347		
4,500.00	4,467.21	4,582.64	4,551.56	20.07	19.84	70.63	711.82	86.97	388.46	350.32	38.14	10.186		
4,600.00	4,566.29	4,674.17	4,632.47	20.52	20.37	78.29	669.44	92.65	358.51	319.07	39.44	9.090		
4,700.00	4,665.38	4,756.52	4,703.80	20.96	20.89	86.40	628.65	98.11	334.90	293.87	41.02	8.163		
4,800.00	4,764.47	4,835.68	4,772.01	21.41	21.42	94.89	588.84	103.44	321.16	278.63	42.53	7.552		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 0-MWD														Offset Well Error:	0.00 ft
Reference															
Offset															
Semi Major Axis															
Distance															
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
4,868.43	4,832.27	4,889.50	4,818.35	21.71	21.80	100.85	561.72	107.08	318.37	275.02	43.35	7.344	CC, ES		
4,900.00	4,863.55	4,914.33	4,839.73	21.85	21.97	103.61	549.20	108.75	318.96	275.30	43.66	7.306	SF		
5,000.00	4,962.64	5,007.02	4,907.46	22.30	22.66	112.20	509.57	114.06	328.57	284.14	44.43	7.396			
5,100.00	5,061.73	5,071.63	4,975.18	22.74	23.15	120.31	469.93	119.37	349.01	304.42	44.60	7.826			
5,200.00	5,160.81	5,150.27	5,042.91	23.19	23.77	127.69	430.30	124.68	378.54	333.88	44.66	8.477			
5,300.00	5,259.90	5,228.92	5,110.63	23.64	24.41	134.21	390.67	129.99	415.21	370.55	44.66	9.297			
5,400.00	5,358.99	5,307.57	5,178.35	24.08	25.07	139.89	351.03	135.30	457.32	412.61	44.71	10.229			
5,500.00	5,458.07	5,386.22	5,246.08	24.53	25.74	144.79	311.40	140.61	503.49	458.65	44.84	11.228			
5,600.00	5,557.16	5,464.87	5,313.80	24.98	26.43	148.99	271.76	145.92	552.72	507.65	45.07	12.262			
5,700.00	5,656.25	5,543.52	5,381.53	25.42	27.13	152.61	232.13	151.23	604.26	558.86	45.40	13.311			
5,800.00	5,755.33	5,622.16	5,449.25	25.87	27.85	155.72	192.50	156.54	657.56	611.76	45.79	14.360			
5,900.00	5,854.42	5,700.81	5,516.97	26.32	28.58	158.42	152.86	161.85	712.22	665.97	46.25	15.399			
6,000.00	5,953.51	5,779.46	5,584.70	26.77	29.31	160.77	113.23	167.16	767.97	721.20	46.77	16.421			
6,100.00	6,052.59	5,858.11	5,652.42	27.21	30.06	162.83	73.59	172.47	824.57	777.24	47.32	17.424			
6,200.00	6,151.68	5,936.76	5,720.15	27.66	30.82	164.64	33.96	177.78	881.86	833.95	47.92	18.404			
6,300.00	6,250.76	6,015.41	5,787.87	28.11	31.59	166.25	-5.67	183.09	939.72	891.18	48.54	19.360			
6,400.00	6,349.85	6,105.94	5,855.59	28.56	32.48	167.68	-45.31	188.40	998.05	948.79	49.26	20.262			
6,500.00	6,448.94	6,172.70	5,923.32	29.01	33.14	168.97	-84.94	193.71	1,056.77	1,006.92	49.85	21.198			
6,589.36	6,537.48	6,242.98	5,983.84	29.41	33.85	170.00	-120.36	198.45	1,109.52	1,059.05	50.46	21.986			
6,600.00	6,548.03	6,251.36	5,991.05	29.45	33.93	162.67	-124.58	199.02	1,115.78	1,065.24	50.54	22.078			
6,650.00	6,597.61	6,309.10	6,025.10	29.67	34.52	126.55	-144.51	201.69	1,144.24	1,093.27	50.97	22.449			
6,700.00	6,647.01	6,330.55	6,059.24	29.89	34.74	100.82	-164.49	204.36	1,171.07	1,119.91	51.16	22.890			
6,750.00	6,695.92	6,370.07	6,093.27	30.10	35.14	86.31	-184.40	207.03	1,196.22	1,144.78	51.43	23.257			
6,800.00	6,744.04	6,409.20	6,126.97	30.31	35.54	77.79	-204.12	209.67	1,219.66	1,167.98	51.68	23.598			
6,850.00	6,791.07	6,447.72	6,160.13	30.51	35.93	72.38	-223.53	212.27	1,241.41	1,189.50	51.91	23.913			
6,900.00	6,836.72	6,485.38	6,192.56	30.71	36.32	68.73	-242.51	214.82	1,261.48	1,209.36	52.12	24.202			
6,950.00	6,880.71	6,521.94	6,224.05	30.90	36.70	66.19	-260.94	217.28	1,279.93	1,227.61	52.32	24.465			
7,000.00	6,922.77	6,557.19	6,254.40	31.08	37.06	64.38	-278.70	219.66	1,296.79	1,244.30	52.50	24.703			
7,050.00	6,962.63	6,609.09	6,283.44	31.27	37.60	63.09	-295.69	221.94	1,312.17	1,259.40	52.77	24.867			
7,100.00	7,000.07	6,622.89	6,310.97	31.44	37.74	62.17	-311.81	224.10	1,326.12	1,273.29	52.83	25.102			
7,150.00	7,034.83	6,652.93	6,336.84	31.62	38.06	61.52	-326.95	226.13	1,338.76	1,285.76	53.00	25.262			
7,200.00	7,066.72	6,680.85	6,360.88	31.79	38.35	61.08	-341.02	228.01	1,350.16	1,296.99	53.17	25.395			
7,250.00	7,095.52	6,706.48	6,382.95	31.96	38.62	60.79	-353.93	229.74	1,360.43	1,307.08	53.35	25.501			
7,300.00	7,121.07	6,729.65	6,402.90	32.13	38.86	60.60	-365.61	231.31	1,369.67	1,316.12	53.55	25.578			
7,350.00	7,143.21	6,750.22	6,420.62	32.30	39.08	60.47	-375.97	232.69	1,377.96	1,324.20	53.77	25.628			
7,400.00	7,161.80	6,768.07	6,435.99	32.47	39.26	60.39	-384.97	233.90	1,385.40	1,331.38	54.01	25.649			
7,450.00	7,176.72	6,783.09	6,448.92	32.64	39.42	60.32	-392.54	234.91	1,392.05	1,337.76	54.29	25.643			
7,500.00	7,187.89	6,804.82	6,459.33	32.82	39.65	60.24	-398.63	235.73	1,397.98	1,343.33	54.64	25.585			
7,550.00	7,195.23	6,804.28	6,467.16	32.99	39.64	60.14	-403.21	236.34	1,403.23	1,348.32	54.91	25.553			
7,600.00	7,198.70	6,810.31	6,472.36	33.17	39.71	60.02	-406.26	236.75	1,407.85	1,352.58	55.27	25.473			
7,622.60	7,199.00	6,812.03	6,473.84	33.25	39.73	59.95	-407.12	236.87	1,409.73	1,354.30	55.43	25.430			
7,700.00	7,198.64	6,816.82	6,477.96	33.54	39.78	60.14	-409.53	237.19	1,418.06	1,361.98	56.08	25.286			
7,800.00	7,198.17	6,823.00	6,483.29	33.98	39.84	60.39	-412.65	237.61	1,434.91	1,377.84	57.07	25.143			
7,900.00	7,197.71	6,829.19	6,488.62	34.47	39.91	60.65	-415.77	238.03	1,458.42	1,400.22	58.19	25.061			
8,000.00	7,197.24	6,835.38	6,493.95	35.03	39.97	60.90	-418.89	238.44	1,488.26	1,428.85	59.40	25.053			
8,100.00	7,196.78	6,841.57	6,499.27	35.64	40.04	61.15	-422.01	238.86	1,524.06	1,463.41	60.65	25.127			
8,200.00	7,196.31	6,847.75	6,504.60	36.30	40.10	61.40	-425.12	239.28	1,565.42	1,503.51	61.91	25.287			
8,300.00	7,195.85	6,853.94	6,509.93	37.01	40.17	61.65	-428.24	239.70	1,611.91	1,548.77	63.13	25.531			
8,400.00	7,195.38	6,860.13	6,515.26	37.77	40.24	61.90	-431.36	240.11	1,663.09	1,598.77	64.31	25.859			
8,500.00	7,194.92	6,866.32	6,520.58	38.57	40.30	62.16	-434.48	240.53	1,718.55	1,653.12	65.43	26.265			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														LEFFLER 8-21 PAD - LEFFLER FE 20-182HN - OH - PLAN #1		Offset Site Error:		0.00 ft	
Survey Program: 0-MWD																Offset Well Error:		0.00 ft	
Reference		Offset		Semi Major Axis			Distance							Warning					
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor								
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)								
8,600.00	7,194.46	6,872.50	6,525.91	39.41	40.37	62.41	-437.60	240.95	1,777.89	1,711.41	66.48	26.744							
8,700.00	7,193.99	6,878.69	6,531.24	40.30	40.43	62.66	-440.71	241.37	1,840.73	1,773.28	67.45	27.289							
8,800.00	7,193.53	6,884.88	6,536.57	41.22	40.50	62.91	-443.83	241.79	1,906.73	1,838.37	68.35	27.896							
8,900.00	7,193.06	6,908.94	6,541.90	42.17	40.75	63.16	-446.95	242.20	1,975.56	1,906.22	69.34	28.491							
9,000.00	7,192.60	6,902.75	6,547.22	43.16	40.69	63.41	-450.07	242.62	2,046.95	1,976.96	69.99	29.245							
9,100.00	7,192.13	6,903.44	6,552.55	44.17	40.69	63.66	-453.19	243.04	2,120.64	2,049.99	70.64	30.020							
9,200.00	7,191.67	6,909.63	6,557.88	45.22	40.76	63.91	-456.30	243.46	2,196.39	2,125.10	71.28	30.812							
9,300.00	7,191.20	6,915.81	6,563.21	46.29	40.83	64.16	-459.42	243.87	2,273.99	2,202.12	71.87	31.639							
9,400.00	7,190.74	6,922.00	6,568.54	47.38	40.89	64.41	-462.54	244.29	2,353.28	2,280.86	72.42	32.497							
9,500.00	7,190.27	6,928.19	6,573.86	48.50	40.96	64.66	-465.66	244.71	2,434.07	2,361.15	72.92	33.382							
9,600.00	7,189.81	6,934.38	6,579.19	49.64	41.02	64.91	-468.78	245.13	2,516.23	2,442.85	73.38	34.291							
9,700.00	7,189.34	6,940.56	6,584.52	50.80	41.09	65.16	-471.89	245.54	2,599.62	2,525.81	73.81	35.222							
9,800.00	7,188.88	6,946.75	6,589.85	51.98	41.15	65.41	-475.01	245.96	2,684.13	2,609.93	74.20	36.172							
9,900.00	7,188.41	6,952.94	6,595.17	53.17	41.22	65.66	-478.13	246.38	2,769.67	2,695.09	74.58	37.139							
10,000.00	7,187.95	6,959.12	6,600.50	54.38	41.29	65.91	-481.25	246.80	2,856.13	2,781.20	74.92	38.121							
10,100.00	7,187.49	6,965.31	6,605.83	55.61	41.35	66.16	-484.37	247.22	2,943.43	2,868.18	75.25	39.116							
10,200.00	7,187.02	6,971.50	6,611.16	56.85	41.42	66.41	-487.49	247.63	3,031.51	2,955.95	75.56	40.123							
10,300.00	7,186.56	6,977.69	6,616.49	58.10	41.48	66.65	-490.60	248.05	3,120.29	3,044.44	75.85	41.140							
10,400.00	7,186.09	6,983.87	6,621.81	59.37	41.55	66.90	-493.72	248.47	3,209.72	3,133.60	76.12	42.166							
10,500.00	7,185.63	6,990.06	6,627.14	60.64	41.62	67.15	-496.84	248.89	3,299.74	3,223.36	76.38	43.200							
10,600.00	7,185.16	6,996.25	6,632.47	61.93	41.68	67.40	-499.96	249.30	3,390.32	3,313.68	76.63	44.242							
10,700.00	7,184.70	7,002.44	6,637.80	63.23	41.75	67.64	-503.08	249.72	3,481.39	3,404.52	76.87	45.289							
10,800.00	7,184.23	7,008.62	6,643.13	64.54	41.81	67.89	-506.19	250.14	3,572.94	3,495.84	77.10	46.341							
10,900.00	7,183.77	7,000.00	6,635.70	65.85	41.72	67.55	-501.85	249.56	3,664.95	3,587.84	77.10	47.534							
11,000.00	7,183.30	7,000.00	6,635.70	67.18	41.72	67.55	-501.85	249.56	3,757.35	3,680.13	77.22	48.655							
11,100.00	7,182.84	7,000.00	6,635.70	68.51	41.72	67.55	-501.85	249.56	3,850.13	3,772.79	77.34	49.782							
11,200.00	7,182.37	7,000.00	6,635.70	69.85	41.72	67.55	-501.85	249.56	3,943.27	3,865.82	77.45	50.913							
11,300.00	7,181.91	7,000.00	6,635.70	71.20	41.72	67.55	-501.85	249.56	4,036.74	3,959.18	77.56	52.048							
11,400.00	7,181.45	7,000.00	6,635.70	72.56	41.72	67.55	-501.85	249.56	4,130.51	4,052.85	77.66	53.187							
11,500.00	7,180.98	7,000.00	6,635.70	73.92	41.72	67.55	-501.85	249.56	4,224.57	4,146.81	77.76	54.330							
11,600.00	7,180.52	7,000.00	6,635.70	75.29	41.72	67.55	-501.85	249.56	4,318.89	4,241.04	77.85	55.475							
11,700.00	7,180.05	7,000.00	6,635.70	76.66	41.72	67.55	-501.85	249.56	4,413.47	4,335.52	77.94	56.623							
11,800.00	7,179.59	7,000.00	6,635.70	78.04	41.72	67.55	-501.85	249.56	4,508.27	4,430.24	78.03	57.774							
11,900.00	7,179.12	7,000.00	6,635.70	79.42	41.72	67.55	-501.85	249.56	4,603.30	4,525.18	78.12	58.926							
12,000.00	7,178.66	7,000.00	6,635.70	80.81	41.72	67.55	-501.85	249.56	4,698.54	4,620.33	78.20	60.080							
12,100.00	7,178.19	7,000.00	6,635.70	82.20	41.72	67.55	-501.85	249.56	4,793.96	4,715.68	78.29	61.235							
12,200.00	7,177.73	7,000.00	6,635.70	83.60	41.72	67.55	-501.85	249.56	4,889.58	4,811.21	78.37	62.392							
12,300.00	7,177.26	7,000.00	6,635.70	85.00	41.72	67.55	-501.85	249.56	4,985.36	4,906.91	78.45	63.549							
12,400.00	7,176.80	7,000.00	6,635.70	86.41	41.72	67.55	-501.85	249.56	5,081.31	5,002.78	78.53	64.708							
12,500.00	7,176.33	7,000.00	6,635.70	87.82	41.72	67.55	-501.85	249.56	5,177.40	5,098.80	78.60	65.867							
12,600.00	7,175.87	7,000.00	6,635.70	89.23	41.72	67.55	-501.85	249.56	5,273.65	5,194.97	78.68	67.026							
12,700.00	7,175.40	7,000.00	6,635.70	90.65	41.72	67.55	-501.85	249.56	5,370.03	5,291.27	78.76	68.185							
12,800.00	7,174.94	7,000.00	6,635.70	92.07	41.72	67.55	-501.85	249.56	5,466.54	5,387.71	78.83	69.344							
12,900.00	7,174.48	7,000.00	6,635.70	93.49	41.72	67.55	-501.85	249.56	5,563.18	5,484.27	78.91	70.503							
13,000.00	7,174.01	7,000.00	6,635.70	94.91	41.72	67.55	-501.85	249.56	5,659.93	5,580.95	78.98	71.662							
13,100.00	7,173.55	7,000.00	6,635.70	96.34	41.72	67.55	-501.85	249.56	5,756.79	5,677.74	79.05	72.820							
13,200.00	7,173.08	7,000.00	6,635.70	97.77	41.72	67.55	-501.85	249.56	5,853.76	5,774.63	79.13	73.978							
13,300.00	7,172.62	7,000.00	6,635.70	99.21	41.72	67.55	-501.85	249.56	5,950.83	5,871.63	79.20	75.135							
13,400.00	7,172.15	7,000.00	6,635.70	100.64	41.72	67.55	-501.85	249.56	6,047.99	5,968.72	79.27	76.291							
13,500.00	7,171.69	7,000.00	6,635.70	102.08	41.72	67.55	-501.85	249.56	6,145.25	6,065.90	79.35	77.447							
13,600.00	7,171.22	7,000.00	6,635.70	103.52	41.72	67.55	-501.85	249.56	6,242.59	6,163.17	79.42	78.601							

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LEFFLER FE 20-182HN - OH - PLAN #1		Offset Site Error:		0.00 ft
Survey Program: 0-MWD													Offset Well Error:		0.00 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
13,700.00	7,170.76	7,000.00	6,635.70	104.97	41.72	67.55	-501.85	249.56	6,340.02	6,260.52	79.49	79.754					
13,800.00	7,170.29	7,000.00	6,635.70	106.41	41.72	67.55	-501.85	249.56	6,437.52	6,357.95	79.57	80.906					
13,900.00	7,169.83	7,000.00	6,635.70	107.86	41.72	67.55	-501.85	249.56	6,535.10	6,455.46	79.64	82.056					
14,000.00	7,169.36	7,000.00	6,635.70	109.31	41.72	67.55	-501.85	249.56	6,632.75	6,553.03	79.72	83.205					
14,100.00	7,168.90	7,000.00	6,635.70	110.76	41.72	67.55	-501.85	249.56	6,730.47	6,650.68	79.79	84.352					
14,200.00	7,168.44	7,000.00	6,635.70	112.21	41.72	67.55	-501.85	249.56	6,828.26	6,748.39	79.86	85.498					
14,300.00	7,167.97	7,000.00	6,635.70	113.67	41.72	67.55	-501.85	249.56	6,926.10	6,846.17	79.94	86.642					
14,400.00	7,167.51	7,000.00	6,635.70	115.12	41.72	67.55	-501.85	249.56	7,024.01	6,944.00	80.01	87.785					
14,500.00	7,167.04	7,000.00	6,635.70	116.58	41.72	67.55	-501.85	249.56	7,121.98	7,041.89	80.09	88.925					
14,600.00	7,166.58	7,000.00	6,635.70	118.04	41.72	67.55	-501.85	249.56	7,220.01	7,139.84	80.17	90.064					
14,700.00	7,166.11	7,000.00	6,635.70	119.50	41.72	67.55	-501.85	249.56	7,318.08	7,237.84	80.24	91.201					
14,800.00	7,165.65	7,000.00	6,635.70	120.97	41.72	67.55	-501.85	249.56	7,416.21	7,335.89	80.32	92.335					
14,900.00	7,165.18	7,000.00	6,635.70	122.43	41.72	67.55	-501.85	249.56	7,514.39	7,434.00	80.40	93.468					
15,000.00	7,164.72	7,000.00	6,635.70	123.90	41.72	67.55	-501.85	249.56	7,612.62	7,532.14	80.47	94.598					
15,100.00	7,164.25	7,000.00	6,635.70	125.36	41.72	67.55	-501.85	249.56	7,710.89	7,630.34	80.55	95.727					
15,200.00	7,163.79	7,000.00	6,635.70	126.83	41.72	67.55	-501.85	249.56	7,809.20	7,728.57	80.63	96.853					
15,300.00	7,163.32	7,000.00	6,635.70	128.30	41.72	67.55	-501.85	249.56	7,907.56	7,826.85	80.71	97.977					
15,400.00	7,162.86	7,000.00	6,635.70	129.77	41.72	67.55	-501.85	249.56	8,005.96	7,925.17	80.79	99.098					
15,500.00	7,162.39	7,000.00	6,635.70	131.24	41.72	67.55	-501.85	249.56	8,104.39	8,023.53	80.87	100.217					
15,600.00	7,161.93	7,000.00	6,635.70	132.71	41.72	67.55	-501.85	249.56	8,202.87	8,121.92	80.95	101.334					
15,700.00	7,161.47	7,000.00	6,635.70	134.19	41.72	67.55	-501.85	249.56	8,301.38	8,220.35	81.03	102.448					
15,800.00	7,161.00	7,000.00	6,635.70	135.66	41.72	67.55	-501.85	249.56	8,399.93	8,318.81	81.11	103.559					
15,900.00	7,160.54	7,000.00	6,635.70	137.14	41.72	67.55	-501.85	249.56	8,498.51	8,417.31	81.19	104.668					
16,000.00	7,160.07	7,000.00	6,635.70	138.61	41.72	67.55	-501.85	249.56	8,597.12	8,515.84	81.28	105.775					
16,100.00	7,159.61	7,000.00	6,635.70	140.09	41.72	67.55	-501.85	249.56	8,695.77	8,614.40	81.36	106.879					
16,200.00	7,159.14	7,000.00	6,635.70	141.57	41.72	67.55	-501.85	249.56	8,794.44	8,713.00	81.45	107.980					
16,300.00	7,158.68	7,000.00	6,635.70	143.05	41.72	67.55	-501.85	249.56	8,893.15	8,811.62	81.53	109.078					
16,400.00	7,158.21	7,000.00	6,635.70	144.53	41.72	67.55	-501.85	249.56	8,991.88	8,910.26	81.62	110.174					
16,500.00	7,157.75	7,000.00	6,635.70	146.01	41.72	67.55	-501.85	249.56	9,090.64	9,008.94	81.70	111.267					
16,600.00	7,157.28	7,000.00	6,635.70	147.49	41.72	67.55	-501.85	249.56	9,189.43	9,107.64	81.79	112.357					
16,700.00	7,156.82	7,000.00	6,635.70	148.97	41.72	67.55	-501.85	249.56	9,288.24	9,206.37	81.87	113.444					
16,800.00	7,156.35	7,000.00	6,635.70	150.45	41.72	67.55	-501.85	249.56	9,387.08	9,305.12	81.96	114.529					
16,900.00	7,155.89	7,000.00	6,635.70	151.94	41.72	67.55	-501.85	249.56	9,485.95	9,403.90	82.05	115.611					
17,000.00	7,155.43	7,000.00	6,635.70	153.42	41.72	67.55	-501.85	249.56	9,584.83	9,502.69	82.14	116.689					
17,100.00	7,154.96	7,000.00	6,635.70	154.90	41.72	67.55	-501.85	249.56	9,683.74	9,601.51	82.23	117.765					
17,200.00	7,154.50	7,000.00	6,635.70	156.39	41.72	67.55	-501.85	249.56	9,782.68	9,700.36	82.32	118.838					
17,300.00	7,154.03	7,000.00	6,635.70	157.88	41.72	67.55	-501.85	249.56	9,881.63	9,799.22	82.41	119.908					
17,400.00	7,153.57	7,000.00	6,635.70	159.36	41.72	67.55	-501.85	249.56	9,980.60	9,898.10	82.50	120.975					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	77.26	1,128.39	4,990.10	5,116.13					
100.00	100.00	79.00	79.00	3.28	3.56	77.26	1,128.39	4,990.10	5,116.09	5,109.25	6.84	747.724		
200.00	200.00	179.00	179.00	3.34	5.57	77.26	1,128.39	4,990.10	5,116.09	5,107.18	8.91	574.436		
300.00	300.00	279.00	279.00	3.44	8.64	77.26	1,128.39	4,990.10	5,116.09	5,104.01	12.08	423.423		
400.00	400.00	379.00	379.00	3.60	11.94	77.26	1,128.39	4,990.10	5,116.09	5,100.55	15.54	329.149		
500.00	499.99	478.99	478.99	3.80	15.33	137.26	1,128.39	4,990.10	5,116.73	5,097.60	19.13	267.483		
600.00	599.96	578.96	578.96	4.03	18.76	137.27	1,128.39	4,990.10	5,118.65	5,095.87	22.79	224.621		
700.00	699.86	678.86	678.86	4.30	22.20	137.28	1,128.39	4,990.10	5,121.86	5,095.36	26.50	193.297		
790.00	789.74	768.74	768.74	4.57	25.30	137.31	1,128.39	4,990.10	5,125.32	5,095.45	29.87	171.601		
800.00	799.73	778.73	778.73	4.60	25.65	134.18	1,128.39	4,990.10	5,125.70	5,095.46	30.24	169.480		
900.00	899.50	878.50	878.50	4.92	29.11	113.08	1,128.39	4,990.10	5,129.16	5,095.14	34.02	150.783		
1,000.00	999.05	978.05	978.05	5.26	32.56	102.93	1,128.39	4,990.10	5,131.96	5,094.15	37.81	135.747		
1,077.14	1,075.61	1,054.61	1,054.61	5.53	35.22	98.40	1,128.39	4,990.10	5,133.68	5,092.94	40.73	126.036		
1,100.00	1,098.26	1,077.26	1,077.26	5.61	36.01	98.43	1,128.39	4,990.10	5,134.13	5,092.53	41.60	123.417		
1,200.00	1,197.35	1,176.35	1,176.35	5.98	39.46	98.58	1,128.39	4,990.10	5,136.14	5,090.74	45.41	113.115		
1,300.00	1,296.44	1,275.44	1,275.44	6.35	42.91	98.73	1,128.39	4,990.10	5,138.19	5,088.96	49.23	104.379		
1,400.00	1,395.52	1,374.52	1,374.52	6.73	46.36	98.87	1,128.39	4,990.10	5,140.27	5,087.22	53.06	96.882		
1,500.00	1,494.61	1,473.61	1,473.61	7.12	49.81	99.02	1,128.39	4,990.10	5,142.39	5,085.49	56.90	90.381		
1,600.00	1,593.70	1,572.70	1,572.70	7.52	53.26	99.17	1,128.39	4,990.10	5,144.54	5,083.80	60.74	84.692		
1,700.00	1,692.78	1,671.78	1,671.78	7.93	56.71	99.32	1,128.39	4,990.10	5,146.72	5,082.13	64.60	79.673		
1,800.00	1,791.87	1,770.87	1,770.87	8.33	60.17	99.46	1,128.39	4,990.10	5,148.94	5,080.49	68.46	75.214		
1,900.00	1,890.95	1,869.95	1,869.95	8.75	63.62	99.61	1,128.39	4,990.10	5,151.20	5,078.88	72.32	71.227		
2,000.00	1,990.04	1,969.04	1,969.04	9.16	67.07	99.75	1,128.39	4,990.10	5,153.49	5,077.30	76.19	67.641		
2,100.00	2,089.13	2,068.13	2,068.13	9.58	70.53	99.90	1,128.39	4,990.10	5,155.81	5,075.75	80.06	64.399		
2,200.00	2,188.21	2,167.21	2,167.21	10.01	73.98	100.05	1,128.39	4,990.10	5,158.17	5,074.23	83.93	61.454		
2,300.00	2,287.30	2,266.30	2,266.30	10.43	77.44	100.19	1,128.39	4,990.10	5,160.56	5,072.74	87.81	58.768		
2,400.00	2,386.39	2,365.39	2,365.39	10.86	80.90	100.34	1,128.39	4,990.10	5,162.98	5,071.29	91.69	56.308		
2,500.00	2,485.47	2,464.47	2,464.47	11.29	84.35	100.49	1,128.39	4,990.10	5,165.44	5,069.87	95.57	54.047		
2,600.00	2,584.56	2,563.56	2,563.56	11.72	87.81	100.63	1,128.39	4,990.10	5,167.93	5,068.48	99.46	51.962		
2,700.00	2,683.65	2,662.65	2,662.65	12.15	91.27	100.78	1,128.39	4,990.10	5,170.46	5,067.12	103.34	50.033		
2,800.00	2,782.73	2,761.73	2,761.73	12.58	94.72	100.92	1,128.39	4,990.10	5,173.02	5,065.79	107.23	48.243		
2,900.00	2,881.82	2,860.82	2,860.82	13.02	98.18	101.07	1,128.39	4,990.10	5,175.62	5,064.50	111.12	46.579		
3,000.00	2,980.91	2,959.91	2,959.91	13.45	101.64	101.21	1,128.39	4,990.10	5,178.24	5,063.24	115.00	45.026		
3,100.00	3,079.99	3,058.99	3,058.99	13.89	105.10	101.36	1,128.39	4,990.10	5,180.91	5,062.01	118.90	43.575		
3,200.00	3,179.08	3,158.08	3,158.08	14.33	108.55	101.50	1,128.39	4,990.10	5,183.60	5,060.82	122.79	42.216		
3,300.00	3,278.17	3,257.17	3,257.17	14.76	112.01	101.65	1,128.39	4,990.10	5,186.33	5,059.65	126.68	40.941		
3,400.00	3,377.25	3,356.25	3,356.25	15.20	115.47	101.79	1,128.39	4,990.10	5,189.10	5,058.52	130.57	39.741		
3,500.00	3,476.34	3,455.34	3,455.34	15.64	118.93	101.94	1,128.39	4,990.10	5,191.89	5,057.43	134.46	38.612		
3,600.00	3,575.43	3,554.43	3,554.43	16.08	122.38	102.08	1,128.39	4,990.10	5,194.72	5,056.36	138.36	37.545		
3,700.00	3,674.51	3,653.51	3,653.51	16.53	125.84	102.22	1,128.39	4,990.10	5,197.59	5,055.33	142.25	36.537		
3,800.00	3,773.60	3,752.60	3,752.60	16.97	129.30	102.37	1,128.39	4,990.10	5,200.48	5,054.33	146.15	35.583		
3,900.00	3,872.69	3,851.69	3,851.69	17.41	132.76	102.51	1,128.39	4,990.10	5,203.41	5,053.37	150.05	34.679		
4,000.00	3,971.77	3,950.77	3,950.77	17.85	136.22	102.66	1,128.39	4,990.10	5,206.38	5,052.44	153.94	33.820		
4,100.00	4,070.86	4,049.86	4,049.86	18.29	139.67	102.80	1,128.39	4,990.10	5,209.37	5,051.54	157.84	33.004		
4,200.00	4,169.95	4,148.95	4,148.95	18.74	143.13	102.94	1,128.39	4,990.10	5,212.41	5,050.67	161.74	32.228		
4,300.00	4,269.03	4,248.03	4,248.03	19.18	146.59	103.09	1,128.39	4,990.10	5,215.47	5,049.83	165.63	31.488		
4,400.00	4,368.12	4,347.12	4,347.12	19.63	150.05	103.23	1,128.39	4,990.10	5,218.56	5,049.03	169.53	30.782		
4,500.00	4,467.21	4,446.21	4,446.21	20.07	153.51	103.37	1,128.39	4,990.10	5,221.69	5,048.26	173.43	30.108		
4,600.00	4,566.29	4,545.29	4,545.29	20.52	156.97	103.51	1,128.39	4,990.10	5,224.86	5,047.53	177.33	29.464		
4,700.00	4,665.38	4,644.38	4,644.38	20.96	160.42	103.66	1,128.39	4,990.10	5,228.05	5,046.82	181.23	28.848		
4,800.00	4,764.47	4,743.47	4,743.47	21.41	163.88	103.80	1,128.39	4,990.10	5,231.28	5,046.15	185.13	28.258		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LOWELL ADAMS #1-22 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,842.55	4,842.55	21.85	167.34	103.94	1,128.39	4,990.10	5,234.54	5,045.51	189.03	27.692					
5,000.00	4,962.64	4,941.64	4,941.64	22.30	170.80	104.08	1,128.39	4,990.10	5,237.83	5,044.90	192.93	27.149					
5,100.00	5,061.73	5,040.73	5,040.73	22.74	174.26	104.22	1,128.39	4,990.10	5,241.16	5,044.33	196.83	26.628					
5,200.00	5,160.81	5,139.81	5,139.81	23.19	177.72	104.37	1,128.39	4,990.10	5,244.52	5,043.79	200.73	26.127					
5,300.00	5,259.90	5,238.90	5,238.90	23.64	181.17	104.51	1,128.39	4,990.10	5,247.91	5,043.28	204.63	25.646					
5,400.00	5,358.99	5,337.99	5,337.99	24.08	184.63	104.65	1,128.39	4,990.10	5,251.33	5,042.80	208.53	25.183					
5,500.00	5,458.07	5,437.07	5,437.07	24.53	188.09	104.79	1,128.39	4,990.10	5,254.79	5,042.36	212.43	24.736					
5,600.00	5,557.16	5,536.16	5,536.16	24.98	191.55	104.93	1,128.39	4,990.10	5,258.28	5,041.94	216.33	24.306					
5,700.00	5,656.25	5,635.25	5,635.25	25.42	195.01	105.07	1,128.39	4,990.10	5,261.80	5,041.56	220.23	23.892					
5,800.00	5,755.33	5,734.33	5,734.33	25.87	198.47	105.21	1,128.39	4,990.10	5,265.35	5,041.21	224.14	23.492					
5,900.00	5,854.42	5,833.42	5,833.42	26.32	201.93	105.35	1,128.39	4,990.10	5,268.93	5,040.90	228.04	23.106					
6,000.00	5,953.51	5,932.51	5,932.51	26.77	205.38	105.49	1,128.39	4,990.10	5,272.55	5,040.61	231.94	22.732					
6,100.00	6,052.59	6,031.59	6,031.59	27.21	208.84	105.63	1,128.39	4,990.10	5,276.20	5,040.36	235.84	22.372					
6,200.00	6,151.68	6,130.68	6,130.68	27.66	212.30	105.77	1,128.39	4,990.10	5,279.88	5,040.14	239.74	22.023					
6,300.00	6,250.76	6,229.76	6,229.76	28.11	215.76	105.91	1,128.39	4,990.10	5,283.59	5,039.95	243.65	21.686					
6,400.00	6,349.85	6,328.85	6,328.85	28.56	219.22	106.05	1,128.39	4,990.10	5,287.34	5,039.79	247.55	21.359					
6,500.00	6,448.94	6,427.94	6,427.94	29.01	222.68	106.19	1,128.39	4,990.10	5,291.11	5,039.66	251.45	21.042					
6,589.36	6,537.48	6,516.48	6,516.48	29.41	225.77	106.31	1,128.39	4,990.10	5,294.51	5,039.58	254.94	20.768					
6,600.00	6,548.03	6,527.03	6,527.03	29.45	226.14	99.47	1,128.39	4,990.10	5,294.83	5,039.48	255.35	20.735					
6,650.00	6,597.61	6,576.61	6,576.61	29.67	227.87	65.40	1,128.39	4,990.10	5,293.96	5,036.66	257.30	20.575					
6,700.00	6,647.01	6,626.01	6,626.01	29.89	229.59	41.29	1,128.39	4,990.10	5,289.18	5,029.94	259.24	20.403					
6,750.00	6,695.92	6,674.92	6,674.92	30.10	231.30	28.03	1,128.39	4,990.10	5,280.53	5,019.38	261.15	20.220					
6,800.00	6,744.04	6,723.04	6,723.04	30.31	232.98	20.45	1,128.39	4,990.10	5,268.06	5,005.03	263.03	20.029					
6,850.00	6,791.07	6,770.07	6,770.07	30.51	234.62	15.69	1,128.39	4,990.10	5,251.84	4,986.99	264.85	19.829					
6,900.00	6,836.72	6,815.72	6,815.72	30.71	236.21	12.45	1,128.39	4,990.10	5,231.98	4,965.36	266.62	19.623					
6,950.00	6,880.71	6,859.71	6,859.71	30.90	237.75	10.09	1,128.39	4,990.10	5,208.59	4,940.27	268.32	19.412					
7,000.00	6,922.77	6,901.77	6,901.77	31.08	239.22	8.27	1,128.39	4,990.10	5,181.82	4,911.88	269.93	19.197					
7,050.00	6,962.63	6,941.63	6,941.63	31.27	240.61	6.79	1,128.39	4,990.10	5,151.83	4,880.37	271.46	18.978					
7,100.00	7,000.07	6,979.07	6,979.07	31.44	241.92	5.52	1,128.39	4,990.10	5,118.80	4,845.92	272.89	18.758					
7,150.00	7,034.83	7,013.83	7,013.83	31.62	243.13	4.37	1,128.39	4,990.10	5,082.95	4,808.74	274.21	18.537					
7,200.00	7,066.72	7,045.72	7,045.72	31.79	244.24	3.25	1,128.39	4,990.10	5,044.49	4,769.07	275.41	18.316					
7,250.00	7,095.52	7,074.52	7,074.52	31.96	245.25	2.09	1,128.39	4,990.10	5,003.65	4,727.15	276.50	18.097					
7,300.00	7,121.07	7,100.07	7,100.07	32.13	246.14	0.78	1,128.39	4,990.10	4,960.69	4,683.24	277.45	17.879					
7,350.00	7,143.21	7,122.21	7,122.21	32.30	246.91	-0.82	1,128.39	4,990.10	4,915.87	4,637.60	278.28	17.665					
7,400.00	7,161.80	7,140.80	7,140.80	32.47	247.56	-2.98	1,128.39	4,990.10	4,869.47	4,590.51	278.96	17.456					
7,450.00	7,176.72	7,155.72	7,155.72	32.64	248.08	-6.25	1,128.39	4,990.10	4,821.78	4,542.27	279.51	17.251					
7,500.00	7,187.89	7,166.89	7,166.89	32.82	248.47	-12.01	1,128.39	4,990.10	4,773.08	4,493.16	279.92	17.052					
7,550.00	7,195.23	7,174.23	7,174.23	32.99	248.73	-24.81	1,128.39	4,990.10	4,723.69	4,443.50	280.18	16.859					
7,600.00	7,198.70	7,177.70	7,177.70	33.17	248.85	-63.26	1,128.39	4,990.10	4,673.90	4,393.59	280.31	16.674					
7,622.60	7,199.00	7,178.00	7,178.00	33.25	248.86	-94.06	1,128.39	4,990.10	4,651.35	4,371.03	280.32	16.593					
7,700.00	7,198.64	7,177.64	7,177.64	33.54	248.85	-93.99	1,128.39	4,990.10	4,574.11	4,293.81	280.30	16.319					
7,800.00	7,198.17	7,177.17	7,177.17	33.98	248.83	-93.91	1,128.39	4,990.10	4,474.34	4,194.06	280.28	15.964					
7,900.00	7,197.71	7,176.71	7,176.71	34.47	248.82	-93.82	1,128.39	4,990.10	4,374.58	4,094.31	280.27	15.609					
8,000.00	7,197.24	7,176.24	7,176.24	35.03	248.80	-93.73	1,128.39	4,990.10	4,274.83	3,994.58	280.25	15.254					
8,100.00	7,196.78	7,175.78	7,175.78	35.64	248.78	-93.64	1,128.39	4,990.10	4,175.09	3,894.85	280.23	14.899					
8,200.00	7,196.31	7,175.31	7,175.31	36.30	248.77	-93.56	1,128.39	4,990.10	4,075.36	3,795.14	280.22	14.543					
8,300.00	7,195.85	7,174.85	7,174.85	37.01	248.75	-93.47	1,128.39	4,990.10	3,975.65	3,695.44	280.21	14.188					
8,400.00	7,195.38	7,174.38	7,174.38	37.77	248.73	-93.38	1,128.39	4,990.10	3,875.95	3,595.75	280.20	13.833					
8,500.00	7,194.92	7,173.92	7,173.92	38.57	248.72	-93.29	1,128.39	4,990.10	3,776.26	3,496.08	280.19	13.478					
8,600.00	7,194.46	7,173.46	7,173.46	39.41	248.70	-93.21	1,128.39	4,990.10	3,676.60	3,396.42	280.18	13.122					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LOWELL ADAMS #1-22 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,700.00	7,193.99	7,172.99	7,172.99	40.30	248.69	-93.12	1,128.39	4,990.10	3,576.95	3,296.78	280.17	12.767					
8,800.00	7,193.53	7,172.53	7,172.53	41.22	248.67	-93.03	1,128.39	4,990.10	3,477.32	3,197.15	280.17	12.411					
8,900.00	7,193.06	7,172.06	7,172.06	42.17	248.65	-92.94	1,128.39	4,990.10	3,377.72	3,097.55	280.17	12.056					
9,000.00	7,192.60	7,171.60	7,171.60	43.16	248.64	-92.86	1,128.39	4,990.10	3,278.14	2,997.97	280.17	11.701					
9,100.00	7,192.13	7,171.13	7,171.13	44.17	248.62	-92.77	1,128.39	4,990.10	3,178.58	2,898.41	280.17	11.345					
9,200.00	7,191.67	7,170.67	7,170.67	45.22	248.60	-92.68	1,128.39	4,990.10	3,079.06	2,798.88	280.18	10.990					
9,300.00	7,191.20	7,170.20	7,170.20	46.29	248.59	-92.60	1,128.39	4,990.10	2,979.56	2,699.38	280.18	10.634					
9,400.00	7,190.74	7,169.74	7,169.74	47.38	248.57	-92.51	1,128.39	4,990.10	2,880.10	2,599.91	280.19	10.279					
9,500.00	7,190.27	7,169.27	7,169.27	48.50	248.56	-92.42	1,128.39	4,990.10	2,780.68	2,500.47	280.21	9.924					
9,600.00	7,189.81	7,168.81	7,168.81	49.64	248.54	-92.33	1,128.39	4,990.10	2,681.30	2,401.07	280.23	9.568					
9,700.00	7,189.34	7,168.34	7,168.34	50.80	248.52	-92.25	1,128.39	4,990.10	2,581.97	2,301.72	280.26	9.213					
9,800.00	7,188.88	7,167.88	7,167.88	51.98	248.51	-92.16	1,128.39	4,990.10	2,482.70	2,202.41	280.29	8.858					
9,900.00	7,188.41	7,167.41	7,167.41	53.17	248.49	-92.07	1,128.39	4,990.10	2,383.48	2,103.15	280.33	8.502					
10,000.00	7,187.95	7,166.95	7,166.95	54.38	248.47	-91.98	1,128.39	4,990.10	2,284.33	2,003.96	280.38	8.147					
10,100.00	7,187.49	7,166.49	7,166.49	55.61	248.46	-91.90	1,128.39	4,990.10	2,185.26	1,904.83	280.43	7.792					
10,200.00	7,187.02	7,166.02	7,166.02	56.85	248.44	-91.81	1,128.39	4,990.10	2,086.28	1,805.77	280.51	7.438					
10,300.00	7,186.56	7,165.56	7,165.56	58.10	248.43	-91.72	1,128.39	4,990.10	1,987.40	1,706.81	280.59	7.083					
10,400.00	7,186.09	7,165.09	7,165.09	59.37	248.41	-91.63	1,128.39	4,990.10	1,888.64	1,607.94	280.70	6.728					
10,500.00	7,185.63	7,164.63	7,164.63	60.64	248.39	-91.55	1,128.39	4,990.10	1,790.02	1,509.18	280.83	6.374					
10,600.00	7,185.16	7,164.16	7,164.16	61.93	248.38	-91.46	1,128.39	4,990.10	1,691.55	1,410.56	281.00	6.020					
10,700.00	7,184.70	7,163.70	7,163.70	63.23	248.36	-91.37	1,128.39	4,990.10	1,593.28	1,312.08	281.20	5.666					
10,800.00	7,184.23	7,163.23	7,163.23	64.54	248.35	-91.28	1,128.39	4,990.10	1,495.24	1,213.79	281.45	5.313					
10,900.00	7,183.77	7,162.77	7,162.77	65.85	248.33	-91.20	1,128.39	4,990.10	1,397.47	1,115.70	281.77	4.960					
11,000.00	7,183.30	7,162.30	7,162.30	67.18	248.31	-91.11	1,128.39	4,990.10	1,300.05	1,017.87	282.18	4.607					
11,100.00	7,182.84	7,161.84	7,161.84	68.51	248.30	-91.02	1,128.39	4,990.10	1,203.05	920.35	282.70	4.256					
11,200.00	7,182.37	7,161.37	7,161.37	69.85	248.28	-90.93	1,128.39	4,990.10	1,106.58	823.20	283.38	3.905					
11,300.00	7,181.91	7,160.91	7,160.91	71.20	248.26	-90.84	1,128.39	4,990.10	1,010.80	726.52	284.28	3.556					
11,400.00	7,181.45	7,160.45	7,160.45	72.56	248.25	-90.76	1,128.39	4,990.10	915.91	630.44	285.48	3.208					
11,500.00	7,180.98	7,159.98	7,159.98	73.92	248.23	-90.67	1,128.39	4,990.10	822.25	535.15	287.10	2.864					
11,600.00	7,180.52	7,159.52	7,159.52	75.29	248.22	-90.58	1,128.39	4,990.10	730.26	440.93	289.33	2.524					
11,700.00	7,180.05	7,159.05	7,159.05	76.66	248.20	-90.49	1,128.39	4,990.10	640.68	348.26	292.43	2.191					
11,800.00	7,179.59	7,158.59	7,158.59	78.04	248.18	-90.41	1,128.39	4,990.10	554.67	257.91	296.76	1.869					
11,900.00	7,179.12	7,158.12	7,158.12	79.42	248.17	-90.32	1,128.39	4,990.10	474.18	171.39	302.79	1.566					
12,000.00	7,178.66	7,157.66	7,157.66	80.81	248.15	-90.23	1,128.39	4,990.10	402.54	91.65	310.89	1.295 Level 3					
12,100.00	7,178.19	7,157.19	7,157.19	82.20	248.13	-90.14	1,128.39	4,990.10	345.30	24.64	320.66	1.077 Level 2					
12,200.00	7,177.73	7,156.73	7,156.73	83.60	248.12	-90.06	1,128.39	4,990.10	310.51	-19.00	329.51	0.942 Level 1					
12,264.06	7,177.43	7,156.43	7,156.43	84.50	248.11	-90.00	1,128.39	4,990.10	303.83	-28.71	332.54	0.914 Level 1, CC, ES, SF					
12,300.00	7,177.26	7,156.26	7,156.26	85.00	248.10	-89.97	1,128.39	4,990.10	305.95	-26.95	332.90	0.919 Level 1					
12,400.00	7,176.80	7,155.80	7,155.80	86.41	248.09	-89.88	1,128.39	4,990.10	332.86	3.59	329.27	1.011 Level 2					
12,500.00	7,176.33	7,155.33	7,155.33	87.82	248.07	-89.79	1,128.39	4,990.10	384.68	62.61	322.07	1.194 Level 2					
12,600.00	7,175.87	7,154.87	7,154.87	89.23	248.05	-89.71	1,128.39	4,990.10	452.95	138.16	314.80	1.439 Level 3					
12,700.00	7,175.40	7,154.40	7,154.40	90.65	248.04	-89.62	1,128.39	4,990.10	531.37	222.61	308.76	1.721					
12,800.00	7,174.94	7,153.94	7,153.94	92.07	248.02	-89.53	1,128.39	4,990.10	616.07	312.00	304.07	2.026					
12,900.00	7,174.48	7,153.48	7,153.48	93.49	248.00	-89.44	1,128.39	4,990.10	704.79	404.32	300.47	2.346					
13,000.00	7,174.01	7,153.01	7,153.01	94.91	247.99	-89.36	1,128.39	4,990.10	796.18	498.48	297.70	2.674					
13,100.00	7,173.55	7,152.55	7,152.55	96.34	247.97	-89.27	1,128.39	4,990.10	889.43	593.88	295.55	3.009					
13,200.00	7,173.08	7,152.08	7,152.08	97.77	247.96	-89.18	1,128.39	4,990.10	984.01	690.15	293.86	3.349					
13,300.00	7,172.62	7,151.62	7,151.62	99.21	247.94	-89.09	1,128.39	4,990.10	1,079.56	787.06	292.50	3.691					
13,400.00	7,172.15	7,151.15	7,151.15	100.64	247.92	-89.00	1,128.39	4,990.10	1,175.86	884.45	291.41	4.035					
13,500.00	7,171.69	7,150.69	7,150.69	102.08	247.91	-88.92	1,128.39	4,990.10	1,272.72	982.21	290.51	4.381					
13,600.00	7,171.22	7,150.22	7,150.22	103.52	247.89	-88.83	1,128.39	4,990.10	1,370.04	1,080.27	289.77	4.728					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	7,149.76	7,149.76	104.97	247.87	-88.74	1,128.39	4,990.10	1,467.72	1,178.56	289.16	5.076		
13,800.00	7,170.29	7,149.29	7,149.29	106.41	247.86	-88.65	1,128.39	4,990.10	1,565.69	1,277.05	288.64	5.424		
13,900.00	7,169.83	7,148.83	7,148.83	107.86	247.84	-88.57	1,128.39	4,990.10	1,663.90	1,375.69	288.20	5.773		
14,000.00	7,169.36	7,148.36	7,148.36	109.31	247.83	-88.48	1,128.39	4,990.10	1,762.31	1,474.48	287.83	6.123		
14,100.00	7,168.90	7,147.90	7,147.90	110.76	247.81	-88.39	1,128.39	4,990.10	1,860.89	1,573.38	287.51	6.472		
14,200.00	7,168.44	7,147.44	7,147.44	112.21	247.79	-88.30	1,128.39	4,990.10	1,959.62	1,672.37	287.24	6.822		
14,300.00	7,167.97	7,146.97	7,146.97	113.67	247.78	-88.22	1,128.39	4,990.10	2,058.46	1,771.46	287.01	7.172		
14,400.00	7,167.51	7,146.51	7,146.51	115.12	247.76	-88.13	1,128.39	4,990.10	2,157.42	1,870.61	286.81	7.522		
14,500.00	7,167.04	7,146.04	7,146.04	116.58	247.75	-88.04	1,128.39	4,990.10	2,256.46	1,969.83	286.63	7.872		
14,600.00	7,166.58	7,145.58	7,145.58	118.04	247.73	-87.95	1,128.39	4,990.10	2,355.59	2,069.11	286.48	8.222		
14,700.00	7,166.11	7,145.11	7,145.11	119.50	247.71	-87.87	1,128.39	4,990.10	2,454.79	2,168.43	286.36	8.572		
14,800.00	7,165.65	7,144.65	7,144.65	120.97	247.70	-87.78	1,128.39	4,990.10	2,554.05	2,267.80	286.25	8.923		
14,900.00	7,165.18	7,144.18	7,144.18	122.43	247.68	-87.69	1,128.39	4,990.10	2,653.36	2,367.21	286.15	9.272		
15,000.00	7,164.72	7,143.72	7,143.72	123.90	247.66	-87.60	1,128.39	4,990.10	2,752.73	2,466.65	286.08	9.622		
15,100.00	7,164.25	7,143.25	7,143.25	125.36	247.65	-87.52	1,128.39	4,990.10	2,852.14	2,566.13	286.01	9.972		
15,200.00	7,163.79	7,142.79	7,142.79	126.83	247.63	-87.43	1,128.39	4,990.10	2,951.59	2,665.63	285.95	10.322		
15,300.00	7,163.32	7,142.32	7,142.32	128.30	247.62	-87.34	1,128.39	4,990.10	3,051.07	2,765.16	285.91	10.671		
15,400.00	7,162.86	7,141.86	7,141.86	129.77	247.60	-87.25	1,128.39	4,990.10	3,150.59	2,864.72	285.87	11.021		
15,500.00	7,162.39	7,141.39	7,141.39	131.24	247.58	-87.17	1,128.39	4,990.10	3,250.14	2,964.29	285.85	11.370		
15,600.00	7,161.93	7,140.93	7,140.93	132.71	247.57	-87.08	1,128.39	4,990.10	3,349.71	3,063.89	285.83	11.719		
15,700.00	7,161.47	7,140.47	7,140.47	134.19	247.55	-86.99	1,128.39	4,990.10	3,449.31	3,163.50	285.81	12.068		
15,800.00	7,161.00	7,140.00	7,140.00	135.66	247.53	-86.90	1,128.39	4,990.10	3,548.93	3,263.13	285.81	12.417		
15,900.00	7,160.54	7,139.54	7,139.54	137.14	247.52	-86.82	1,128.39	4,990.10	3,648.57	3,362.77	285.80	12.766		
16,000.00	7,160.07	7,139.07	7,139.07	138.61	247.50	-86.73	1,128.39	4,990.10	3,748.23	3,462.43	285.81	13.115		
16,100.00	7,159.61	7,138.61	7,138.61	140.09	247.49	-86.64	1,128.39	4,990.10	3,847.91	3,562.09	285.82	13.463		
16,200.00	7,159.14	7,138.14	7,138.14	141.57	247.47	-86.56	1,128.39	4,990.10	3,947.61	3,661.78	285.83	13.811		
16,300.00	7,158.68	7,137.68	7,137.68	143.05	247.45	-86.47	1,128.39	4,990.10	4,047.32	3,761.47	285.85	14.159		
16,400.00	7,158.21	7,137.21	7,137.21	144.53	247.44	-86.38	1,128.39	4,990.10	4,147.04	3,861.17	285.87	14.507		
16,500.00	7,157.75	7,136.75	7,136.75	146.01	247.42	-86.29	1,128.39	4,990.10	4,246.78	3,960.88	285.90	14.854		
16,600.00	7,157.28	7,136.28	7,136.28	147.49	247.40	-86.21	1,128.39	4,990.10	4,346.52	4,060.60	285.92	15.202		
16,700.00	7,156.82	7,135.82	7,135.82	148.97	247.39	-86.12	1,128.39	4,990.10	4,446.28	4,160.33	285.96	15.549		
16,800.00	7,156.35	7,135.35	7,135.35	150.45	247.37	-86.03	1,128.39	4,990.10	4,546.05	4,260.06	285.99	15.896		
16,900.00	7,155.89	7,134.89	7,134.89	151.94	247.36	-85.94	1,128.39	4,990.10	4,645.83	4,359.81	286.03	16.243		
17,000.00	7,155.43	7,134.43	7,134.43	153.42	247.34	-85.86	1,128.39	4,990.10	4,745.62	4,459.55	286.07	16.589		
17,100.00	7,154.96	7,133.96	7,133.96	154.90	247.32	-85.77	1,128.39	4,990.10	4,845.42	4,559.31	286.11	16.935		
17,200.00	7,154.50	7,133.50	7,133.50	156.39	247.31	-85.68	1,128.39	4,990.10	4,945.23	4,659.07	286.16	17.281		
17,300.00	7,154.03	7,133.03	7,133.03	157.88	247.29	-85.60	1,128.39	4,990.10	5,045.04	4,758.84	286.21	17.627		
17,400.00	7,153.57	7,132.57	7,132.57	159.36	247.27	-85.51	1,128.39	4,990.10	5,144.86	4,858.61	286.26	17.973		
17,500.00	7,153.10	7,132.10	7,132.10	160.85	247.26	-85.42	1,128.39	4,990.10	5,244.69	4,958.38	286.31	18.318		
17,600.00	7,152.64	7,131.64	7,131.64	162.34	247.24	-85.34	1,128.39	4,990.10	5,344.52	5,058.16	286.36	18.664		
17,700.00	7,152.17	7,131.17	7,131.17	163.83	247.23	-85.25	1,128.39	4,990.10	5,444.36	5,157.95	286.42	19.008		
17,737.15	7,152.00	7,131.00	7,131.00	164.38	247.22	-85.22	1,128.39	4,990.10	5,481.46	5,195.02	286.44	19.137		

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	91.83	-201.02	6,300.70	6,304.01					
100.00	100.00	63.00	63.00	3.28	3.46	91.83	-201.02	6,300.70	6,303.90	6,297.16	6.74	934.800		
200.00	200.00	163.00	163.00	3.34	5.13	91.83	-201.02	6,300.70	6,303.90	6,295.44	8.47	744.672		
300.00	300.00	263.00	263.00	3.44	8.13	91.83	-201.02	6,300.70	6,303.90	6,292.33	11.57	544.911		
400.00	400.00	363.00	363.00	3.60	11.41	91.83	-201.02	6,300.70	6,303.90	6,288.90	15.01	420.055		
500.00	499.99	462.99	462.99	3.80	14.79	151.83	-201.02	6,300.70	6,304.67	6,286.09	18.58	339.252		
600.00	599.96	562.96	562.96	4.03	18.21	151.83	-201.02	6,300.70	6,306.98	6,284.74	22.24	283.606		
700.00	699.86	662.86	662.86	4.30	21.65	151.83	-201.02	6,300.70	6,310.83	6,284.88	25.95	243.233		
790.00	789.74	752.74	752.74	4.57	24.75	151.85	-201.02	6,300.70	6,314.98	6,285.66	29.31	215.421		
800.00	799.73	762.73	762.73	4.60	25.10	148.71	-201.02	6,300.70	6,315.44	6,285.75	29.69	212.709		
900.00	899.50	862.50	862.50	4.92	28.55	127.57	-201.02	6,300.70	6,320.19	6,286.73	33.46	188.872		
1,000.00	999.05	962.05	962.05	5.26	32.01	117.34	-201.02	6,300.70	6,325.15	6,287.90	37.25	169.800		
1,077.14	1,075.61	1,038.61	1,038.61	5.53	34.67	112.74	-201.02	6,300.70	6,329.14	6,288.96	40.18	157.531		
1,100.00	1,098.26	1,061.26	1,061.26	5.61	35.46	112.76	-201.02	6,300.70	6,330.34	6,289.29	41.04	154.230		
1,200.00	1,197.35	1,160.35	1,160.35	5.98	38.90	112.87	-201.02	6,300.70	6,335.61	6,290.76	44.85	141.260		
1,300.00	1,296.44	1,259.44	1,259.44	6.35	42.35	112.99	-201.02	6,300.70	6,340.90	6,292.23	48.67	130.284		
1,400.00	1,395.52	1,358.52	1,358.52	6.73	45.80	113.10	-201.02	6,300.70	6,346.22	6,293.72	52.50	120.880		
1,500.00	1,494.61	1,457.61	1,457.61	7.12	49.25	113.21	-201.02	6,300.70	6,351.56	6,295.23	56.34	112.738		
1,600.00	1,593.70	1,556.70	1,556.70	7.52	52.70	113.32	-201.02	6,300.70	6,356.93	6,296.75	60.19	105.621		
1,700.00	1,692.78	1,655.78	1,655.78	7.93	56.15	113.43	-201.02	6,300.70	6,362.32	6,298.28	64.04	99.350		
1,800.00	1,791.87	1,754.87	1,754.87	8.33	59.61	113.54	-201.02	6,300.70	6,367.74	6,299.84	67.90	93.784		
1,900.00	1,890.95	1,853.95	1,853.95	8.75	63.06	113.65	-201.02	6,300.70	6,373.18	6,301.42	71.76	88.810		
2,000.00	1,990.04	1,953.04	1,953.04	9.16	66.52	113.76	-201.02	6,300.70	6,378.64	6,303.01	75.63	84.341		
2,100.00	2,089.13	2,052.13	2,052.13	9.58	69.97	113.87	-201.02	6,300.70	6,384.13	6,304.63	79.50	80.303		
2,200.00	2,188.21	2,151.21	2,151.21	10.01	73.43	113.98	-201.02	6,300.70	6,389.64	6,306.27	83.37	76.638		
2,300.00	2,287.30	2,250.30	2,250.30	10.43	76.88	114.09	-201.02	6,300.70	6,395.17	6,307.92	87.25	73.296		
2,400.00	2,386.39	2,349.39	2,349.39	10.86	80.34	114.20	-201.02	6,300.70	6,400.73	6,309.60	91.13	70.237		
2,500.00	2,485.47	2,448.47	2,448.47	11.29	83.80	114.31	-201.02	6,300.70	6,406.31	6,311.30	95.01	67.427		
2,600.00	2,584.56	2,547.56	2,547.56	11.72	87.25	114.42	-201.02	6,300.70	6,411.92	6,313.02	98.89	64.836		
2,700.00	2,683.65	2,646.65	2,646.65	12.15	90.71	114.53	-201.02	6,300.70	6,417.55	6,314.77	102.78	62.440		
2,800.00	2,782.73	2,745.73	2,745.73	12.58	94.17	114.63	-201.02	6,300.70	6,423.20	6,316.53	106.67	60.218		
2,900.00	2,881.82	2,844.82	2,844.82	13.02	97.62	114.74	-201.02	6,300.70	6,428.87	6,318.32	110.55	58.152		
3,000.00	2,980.91	2,943.91	2,943.91	13.45	101.08	114.85	-201.02	6,300.70	6,434.57	6,320.13	114.44	56.226		
3,100.00	3,079.99	3,042.99	3,042.99	13.89	104.54	114.96	-201.02	6,300.70	6,440.29	6,321.96	118.33	54.426		
3,200.00	3,179.08	3,142.08	3,142.08	14.33	107.99	115.07	-201.02	6,300.70	6,446.04	6,323.82	122.22	52.740		
3,300.00	3,278.17	3,241.17	3,241.17	14.76	111.45	115.17	-201.02	6,300.70	6,451.81	6,325.69	126.11	51.158		
3,400.00	3,377.25	3,340.25	3,340.25	15.20	114.91	115.28	-201.02	6,300.70	6,457.60	6,327.59	130.01	49.671		
3,500.00	3,476.34	3,439.34	3,439.34	15.64	118.37	115.39	-201.02	6,300.70	6,463.41	6,329.51	133.90	48.270		
3,600.00	3,575.43	3,538.43	3,538.43	16.08	121.83	115.50	-201.02	6,300.70	6,469.25	6,331.45	137.79	46.948		
3,700.00	3,674.51	3,637.51	3,637.51	16.53	125.28	115.60	-201.02	6,300.70	6,475.11	6,333.42	141.69	45.699		
3,800.00	3,773.60	3,736.60	3,736.60	16.97	128.74	115.71	-201.02	6,300.70	6,480.99	6,335.41	145.58	44.517		
3,900.00	3,872.69	3,835.69	3,835.69	17.41	132.20	115.82	-201.02	6,300.70	6,486.90	6,337.42	149.48	43.396		
4,000.00	3,971.77	3,934.77	3,934.77	17.85	135.66	115.92	-201.02	6,300.70	6,492.82	6,339.45	153.38	42.332		
4,100.00	4,070.86	4,033.86	4,033.86	18.29	139.12	116.03	-201.02	6,300.70	6,498.77	6,341.50	157.27	41.321		
4,200.00	4,169.95	4,132.95	4,132.95	18.74	142.57	116.13	-201.02	6,300.70	6,504.75	6,343.58	161.17	40.359		
4,300.00	4,269.03	4,232.03	4,232.03	19.18	146.03	116.24	-201.02	6,300.70	6,510.74	6,345.67	165.07	39.442		
4,400.00	4,368.12	4,331.12	4,331.12	19.63	149.49	116.35	-201.02	6,300.70	6,516.76	6,347.79	168.97	38.568		
4,500.00	4,467.21	4,430.21	4,430.21	20.07	152.95	116.45	-201.02	6,300.70	6,522.80	6,349.93	172.87	37.733		
4,600.00	4,566.29	4,529.29	4,529.29	20.52	156.41	116.56	-201.02	6,300.70	6,528.86	6,352.10	176.76	36.935		
4,700.00	4,665.38	4,628.38	4,628.38	20.96	159.87	116.66	-201.02	6,300.70	6,534.95	6,354.28	180.66	36.172		
4,800.00	4,764.47	4,727.47	4,727.47	21.41	163.32	116.77	-201.02	6,300.70	6,541.05	6,356.49	184.56	35.441		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - LOWELL ADAMS #1-23 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,826.55	4,826.55	21.85	166.78	116.87	-201.02	6,300.70	6,547.18	6,358.72	188.46	34.740					
5,000.00	4,962.64	4,925.64	4,925.64	22.30	170.24	116.98	-201.02	6,300.70	6,553.33	6,360.97	192.36	34.068					
5,100.00	5,061.73	5,024.73	5,024.73	22.74	173.70	117.08	-201.02	6,300.70	6,559.50	6,363.24	196.26	33.422					
5,200.00	5,160.81	5,123.81	5,123.81	23.19	177.16	117.18	-201.02	6,300.70	6,565.70	6,365.54	200.16	32.802					
5,300.00	5,259.90	5,222.90	5,222.90	23.64	180.62	117.29	-201.02	6,300.70	6,571.92	6,367.85	204.06	32.205					
5,400.00	5,358.99	5,321.99	5,321.99	24.08	184.07	117.39	-201.02	6,300.70	6,578.15	6,370.19	207.96	31.631					
5,500.00	5,458.07	5,421.07	5,421.07	24.53	187.53	117.49	-201.02	6,300.70	6,584.41	6,372.55	211.87	31.078					
5,600.00	5,557.16	5,520.16	5,520.16	24.98	190.99	117.60	-201.02	6,300.70	6,590.70	6,374.93	215.77	30.545					
5,700.00	5,656.25	5,619.25	5,619.25	25.42	194.45	117.70	-201.02	6,300.70	6,597.00	6,377.33	219.67	30.032					
5,800.00	5,755.33	5,718.33	5,718.33	25.87	197.91	117.80	-201.02	6,300.70	6,603.32	6,379.75	223.57	29.536					
5,900.00	5,854.42	5,817.42	5,817.42	26.32	201.37	117.91	-201.02	6,300.70	6,609.67	6,382.20	227.47	29.057					
6,000.00	5,953.51	5,916.51	5,916.51	26.77	204.83	118.01	-201.02	6,300.70	6,616.04	6,384.66	231.37	28.595					
6,100.00	6,052.59	6,015.59	6,015.59	27.21	208.29	118.11	-201.02	6,300.70	6,622.43	6,387.15	235.28	28.148					
6,200.00	6,151.68	6,114.68	6,114.68	27.66	211.74	118.21	-201.02	6,300.70	6,628.84	6,389.66	239.18	27.715					
6,300.00	6,250.76	6,213.76	6,213.76	28.11	215.20	118.32	-201.02	6,300.70	6,635.27	6,392.19	243.08	27.297					
6,400.00	6,349.85	6,312.85	6,312.85	28.56	218.66	118.42	-201.02	6,300.70	6,641.72	6,394.74	246.98	26.891					
6,500.00	6,448.94	6,411.94	6,411.94	29.01	222.12	118.52	-201.02	6,300.70	6,648.19	6,397.31	250.88	26.499					
6,589.36	6,537.48	6,500.48	6,500.48	29.41	225.21	118.61	-201.02	6,300.70	6,653.99	6,399.62	254.37	26.158					
6,600.00	6,548.03	6,511.03	6,511.03	29.45	225.58	111.75	-201.02	6,300.70	6,654.60	6,399.81	254.79	26.118					
6,650.00	6,597.61	6,560.61	6,560.61	29.67	227.31	77.67	-201.02	6,300.70	6,655.09	6,398.35	256.74	25.922					
6,700.00	6,647.01	6,610.01	6,610.01	29.89	229.03	53.63	-201.02	6,300.70	6,651.70	6,393.02	258.67	25.715					
6,750.00	6,695.92	6,658.92	6,658.92	30.10	230.74	40.52	-201.02	6,300.70	6,644.45	6,383.87	260.58	25.498					
6,800.00	6,744.04	6,707.04	6,707.04	30.31	232.42	33.18	-201.02	6,300.70	6,633.40	6,370.94	262.46	25.274					
6,850.00	6,791.07	6,754.07	6,754.07	30.51	234.06	28.76	-201.02	6,300.70	6,618.61	6,354.32	264.29	25.043					
6,900.00	6,836.72	6,800.28	6,799.72	30.71	235.68	25.97	-201.02	6,300.70	6,600.17	6,334.10	266.07	24.806					
6,950.00	6,880.71	6,843.71	6,843.71	30.90	237.19	24.19	-201.02	6,300.70	6,578.21	6,310.46	267.75	24.568					
7,000.00	6,922.77	6,885.77	6,885.77	31.08	238.66	23.10	-201.02	6,300.70	6,552.85	6,283.48	269.37	24.327					
7,050.00	6,962.63	6,925.63	6,925.63	31.27	240.05	22.53	-201.02	6,300.70	6,524.25	6,253.36	270.90	24.084					
7,100.00	7,000.07	6,963.07	6,963.07	31.44	241.36	22.40	-201.02	6,300.70	6,492.60	6,220.27	272.33	23.841					
7,150.00	7,034.83	7,002.17	6,997.83	31.62	242.72	22.67	-201.02	6,300.70	6,458.08	6,184.28	273.80	23.587					
7,200.00	7,066.72	7,029.72	7,029.72	31.79	243.68	23.35	-201.02	6,300.70	6,420.92	6,146.06	274.86	23.361					
7,250.00	7,095.52	7,058.52	7,058.52	31.96	244.69	24.52	-201.02	6,300.70	6,381.33	6,105.38	275.95	23.125					
7,300.00	7,121.07	7,084.07	7,084.07	32.13	245.58	26.27	-201.02	6,300.70	6,339.57	6,062.65	276.92	22.893					
7,350.00	7,143.21	7,106.21	7,106.21	32.30	246.35	28.82	-201.02	6,300.70	6,295.89	6,018.14	277.75	22.667					
7,400.00	7,161.80	7,124.80	7,124.80	32.47	247.00	32.52	-201.02	6,300.70	6,250.56	5,972.11	278.45	22.447					
7,450.00	7,176.72	7,139.72	7,139.72	32.64	247.52	38.01	-201.02	6,300.70	6,203.86	5,924.85	279.02	22.235					
7,500.00	7,187.89	7,150.89	7,150.89	32.82	247.91	46.44	-201.02	6,300.70	6,156.08	5,876.64	279.44	22.030					
7,550.00	7,195.23	7,158.23	7,158.23	32.99	248.17	59.78	-201.02	6,300.70	6,107.51	5,827.78	279.73	21.834					
7,600.00	7,198.70	7,161.70	7,161.70	33.17	248.29	80.21	-201.02	6,300.70	6,058.44	5,778.56	279.88	21.647					
7,622.60	7,199.00	7,162.00	7,162.00	33.25	248.30	91.54	-201.02	6,300.70	6,036.19	5,756.29	279.90	21.566					
7,700.00	7,198.64	7,161.64	7,161.64	33.54	248.29	91.52	-201.02	6,300.70	5,959.93	5,680.01	279.92	21.291					
7,800.00	7,198.17	7,161.17	7,161.17	33.98	248.27	91.49	-201.02	6,300.70	5,861.47	5,581.50	279.96	20.937					
7,900.00	7,197.71	7,160.71	7,160.71	34.47	248.26	91.47	-201.02	6,300.70	5,763.05	5,483.04	280.00	20.582					
8,000.00	7,197.24	7,160.24	7,160.24	35.03	248.24	91.44	-201.02	6,300.70	5,664.69	5,384.64	280.05	20.227					
8,100.00	7,196.78	7,159.78	7,159.78	35.64	248.22	91.41	-201.02	6,300.70	5,566.38	5,286.28	280.11	19.872					
8,200.00	7,196.31	7,159.31	7,159.31	36.30	248.21	91.39	-201.02	6,300.70	5,468.14	5,187.98	280.17	19.517					
8,300.00	7,195.85	7,158.85	7,158.85	37.01	248.19	91.36	-201.02	6,300.70	5,369.97	5,089.73	280.23	19.162					
8,400.00	7,195.38	7,158.38	7,158.38	37.77	248.18	91.34	-201.02	6,300.70	5,271.86	4,991.55	280.31	18.807					
8,500.00	7,194.92	7,157.92	7,157.92	38.57	248.16	91.31	-201.02	6,300.70	5,173.82	4,893.43	280.39	18.452					
8,600.00	7,194.46	7,157.46	7,157.46	39.41	248.14	91.28	-201.02	6,300.70	5,075.86	4,795.38	280.48	18.097					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.00	7,193.99	7,156.99	7,156.99	40.30	248.13	91.26	-201.02	6,300.70	4,977.99	4,697.40	280.58	17.742		
8,800.00	7,193.53	7,156.53	7,156.53	41.22	248.11	91.23	-201.02	6,300.70	4,880.19	4,599.50	280.69	17.386		
8,900.00	7,193.06	7,156.06	7,156.06	42.17	248.09	91.21	-201.02	6,300.70	4,782.49	4,501.68	280.81	17.031		
9,000.00	7,192.60	7,155.60	7,155.60	43.16	248.08	91.18	-201.02	6,300.70	4,684.89	4,403.94	280.95	16.675		
9,100.00	7,192.13	7,155.13	7,155.13	44.17	248.06	91.16	-201.02	6,300.70	4,587.39	4,306.30	281.09	16.320		
9,200.00	7,191.67	7,154.67	7,154.67	45.22	248.05	91.13	-201.02	6,300.70	4,490.00	4,208.75	281.25	15.964		
9,300.00	7,191.20	7,154.20	7,154.20	46.29	248.03	91.10	-201.02	6,300.70	4,392.73	4,111.31	281.42	15.609		
9,400.00	7,190.74	7,153.74	7,153.74	47.38	248.01	91.08	-201.02	6,300.70	4,295.58	4,013.97	281.61	15.254		
9,500.00	7,190.27	7,153.27	7,153.27	48.50	248.00	91.05	-201.02	6,300.70	4,198.56	3,916.75	281.81	14.898		
9,600.00	7,189.81	7,152.81	7,152.81	49.64	247.98	91.03	-201.02	6,300.70	4,101.69	3,819.66	282.04	14.543		
9,700.00	7,189.34	7,152.34	7,152.34	50.80	247.97	91.00	-201.02	6,300.70	4,004.98	3,722.70	282.28	14.188		
9,800.00	7,188.88	7,151.88	7,151.88	51.98	247.95	90.97	-201.02	6,300.70	3,908.42	3,625.88	282.55	13.833		
9,900.00	7,188.41	7,151.41	7,151.41	53.17	247.93	90.95	-201.02	6,300.70	3,812.05	3,529.22	282.83	13.478		
10,000.00	7,187.95	7,150.95	7,150.95	54.38	247.92	90.92	-201.02	6,300.70	3,715.87	3,432.72	283.15	13.123		
10,100.00	7,187.49	7,150.49	7,150.49	55.61	247.90	90.90	-201.02	6,300.70	3,619.89	3,336.40	283.49	12.769		
10,200.00	7,187.02	7,150.02	7,150.02	56.85	247.88	90.87	-201.02	6,300.70	3,524.14	3,240.27	283.87	12.415		
10,300.00	7,186.56	7,149.56	7,149.56	58.10	247.87	90.85	-201.02	6,300.70	3,428.63	3,144.36	284.28	12.061		
10,400.00	7,186.09	7,149.09	7,149.09	59.37	247.85	90.82	-201.02	6,300.70	3,333.38	3,048.66	284.72	11.708		
10,500.00	7,185.63	7,148.63	7,148.63	60.64	247.84	90.79	-201.02	6,300.70	3,238.42	2,953.22	285.21	11.355		
10,600.00	7,185.16	7,148.16	7,148.16	61.93	247.82	90.77	-201.02	6,300.70	3,143.78	2,858.04	285.74	11.002		
10,700.00	7,184.70	7,147.70	7,147.70	63.23	247.80	90.74	-201.02	6,300.70	3,049.47	2,763.15	286.32	10.650		
10,800.00	7,184.23	7,147.23	7,147.23	64.54	247.79	90.72	-201.02	6,300.70	2,955.54	2,668.58	286.96	10.299		
10,900.00	7,183.77	7,146.77	7,146.77	65.85	247.77	90.69	-201.02	6,300.70	2,862.02	2,574.36	287.66	9.949		
11,000.00	7,183.30	7,146.30	7,146.30	67.18	247.75	90.66	-201.02	6,300.70	2,768.95	2,480.53	288.43	9.600		
11,100.00	7,182.84	7,145.84	7,145.84	68.51	247.74	90.64	-201.02	6,300.70	2,676.39	2,387.12	289.27	9.252		
11,200.00	7,182.37	7,145.37	7,145.37	69.85	247.72	90.61	-201.02	6,300.70	2,584.37	2,294.18	290.19	8.906		
11,300.00	7,181.91	7,144.91	7,144.91	71.20	247.71	90.59	-201.02	6,300.70	2,492.97	2,201.77	291.20	8.561		
11,400.00	7,181.45	7,144.45	7,144.45	72.56	247.69	90.56	-201.02	6,300.70	2,402.26	2,109.95	292.31	8.218		
11,500.00	7,180.98	7,143.98	7,143.98	73.92	247.67	90.54	-201.02	6,300.70	2,312.31	2,018.78	293.54	7.877		
11,600.00	7,180.52	7,143.52	7,143.52	75.29	247.66	90.51	-201.02	6,300.70	2,223.23	1,928.34	294.89	7.539		
11,700.00	7,180.05	7,143.05	7,143.05	76.66	247.64	90.48	-201.02	6,300.70	2,135.11	1,838.74	296.37	7.204		
11,800.00	7,179.59	7,142.59	7,142.59	78.04	247.62	90.46	-201.02	6,300.70	2,048.08	1,750.07	298.00	6.873		
11,900.00	7,179.12	7,142.12	7,142.12	79.42	247.61	90.43	-201.02	6,300.70	1,962.28	1,662.48	299.80	6.545		
12,000.00	7,178.66	7,141.66	7,141.66	80.81	247.59	90.41	-201.02	6,300.70	1,877.89	1,576.12	301.78	6.223		
12,100.00	7,178.19	7,141.19	7,141.19	82.20	247.58	90.38	-201.02	6,300.70	1,795.11	1,491.16	303.95	5.906		
12,200.00	7,177.73	7,140.73	7,140.73	83.60	247.56	90.35	-201.02	6,300.70	1,714.16	1,407.83	306.33	5.596		
12,300.00	7,177.26	7,140.26	7,140.26	85.00	247.54	90.33	-201.02	6,300.70	1,635.33	1,326.38	308.94	5.293		
12,400.00	7,176.80	7,139.80	7,139.80	86.41	247.53	90.30	-201.02	6,300.70	1,558.92	1,247.13	311.79	5.000		
12,500.00	7,176.33	7,139.33	7,139.33	87.82	247.51	90.28	-201.02	6,300.70	1,485.32	1,170.43	314.89	4.717		
12,600.00	7,175.87	7,138.87	7,138.87	89.23	247.49	90.25	-201.02	6,300.70	1,414.95	1,096.73	318.22	4.446		
12,700.00	7,175.40	7,138.40	7,138.40	90.65	247.48	90.22	-201.02	6,300.70	1,348.34	1,026.56	321.79	4.190		
12,800.00	7,174.94	7,137.94	7,137.94	92.07	247.46	90.20	-201.02	6,300.70	1,286.07	960.51	325.55	3.950		
12,900.00	7,174.48	7,137.48	7,137.48	93.49	247.45	90.17	-201.02	6,300.70	1,228.78	899.31	329.46	3.730		
13,000.00	7,174.01	7,137.01	7,137.01	94.91	247.43	90.15	-201.02	6,300.70	1,177.21	843.77	333.44	3.531		
13,100.00	7,173.55	7,136.55	7,136.55	96.34	247.41	90.12	-201.02	6,300.70	1,132.15	794.78	337.36	3.356		
13,200.00	7,173.08	7,136.08	7,136.08	97.77	247.40	90.10	-201.02	6,300.70	1,094.39	753.30	341.09	3.208		
13,300.00	7,172.62	7,135.62	7,135.62	99.21	247.38	90.07	-201.02	6,300.70	1,064.72	720.27	344.45	3.091		
13,400.00	7,172.15	7,135.15	7,135.15	100.64	247.36	90.04	-201.02	6,300.70	1,043.82	696.55	347.27	3.006		
13,500.00	7,171.69	7,134.69	7,134.69	102.08	247.35	90.02	-201.02	6,300.70	1,032.22	682.84	349.38	2.954		
13,570.35	7,171.36	7,134.36	7,134.36	103.10	247.34	90.00	-201.02	6,300.70	1,029.82	679.44	350.38	2.939 CC, ES		
13,600.00	7,171.22	7,134.22	7,134.22	103.52	247.33	89.99	-201.02	6,300.70	1,030.25	679.58	350.67	2.938 SF		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
13,700.00	7,170.76	7,133.76	7,133.76	104.97	247.32	89.97	-201.02	6,300.70	1,037.95	686.85	351.10	2.956		
13,800.00	7,170.29	7,133.29	7,133.29	106.41	247.30	89.94	-201.02	6,300.70	1,055.12	704.43	350.68	3.009		
13,900.00	7,169.83	7,132.83	7,132.83	107.86	247.28	89.91	-201.02	6,300.70	1,081.30	731.78	349.51	3.094		
14,000.00	7,169.36	7,132.36	7,132.36	109.31	247.27	89.89	-201.02	6,300.70	1,115.85	768.12	347.73	3.209		
14,100.00	7,168.90	7,131.90	7,131.90	110.76	247.25	89.86	-201.02	6,300.70	1,158.04	812.56	345.48	3.352		
14,200.00	7,168.44	7,131.44	7,131.44	112.21	247.24	89.84	-201.02	6,300.70	1,207.06	864.13	342.93	3.520		
14,300.00	7,167.97	7,130.97	7,130.97	113.67	247.22	89.81	-201.02	6,300.70	1,262.11	921.91	340.20	3.710		
14,400.00	7,167.51	7,130.51	7,130.51	115.12	247.20	89.79	-201.02	6,300.70	1,322.44	985.04	337.40	3.919		
14,500.00	7,167.04	7,130.04	7,130.04	116.58	247.19	89.76	-201.02	6,300.70	1,387.36	1,052.74	334.62	4.146		
14,600.00	7,166.58	7,129.58	7,129.58	118.04	247.17	89.73	-201.02	6,300.70	1,456.26	1,124.35	331.90	4.388		
14,700.00	7,166.11	7,129.11	7,129.11	119.50	247.15	89.71	-201.02	6,300.70	1,528.60	1,199.30	329.30	4.642		
14,800.00	7,165.65	7,128.65	7,128.65	120.97	247.14	89.68	-201.02	6,300.70	1,603.91	1,277.08	326.84	4.907		
14,900.00	7,165.18	7,128.18	7,128.18	122.43	247.12	89.66	-201.02	6,300.70	1,681.80	1,357.29	324.51	5.183		
15,000.00	7,164.72	7,127.72	7,127.72	123.90	247.11	89.63	-201.02	6,300.70	1,761.93	1,439.58	322.34	5.466		
15,100.00	7,164.25	7,127.25	7,127.25	125.36	247.09	89.60	-201.02	6,300.70	1,843.99	1,523.67	320.32	5.757		
15,200.00	7,163.79	7,126.79	7,126.79	126.83	247.07	89.58	-201.02	6,300.70	1,927.75	1,609.31	318.44	6.054		
15,300.00	7,163.32	7,126.32	7,126.32	128.30	247.06	89.55	-201.02	6,300.70	2,013.00	1,696.30	316.70	6.356		
15,400.00	7,162.86	7,125.86	7,125.86	129.77	247.04	89.53	-201.02	6,300.70	2,099.54	1,784.46	315.08	6.664		
15,500.00	7,162.39	7,125.39	7,125.39	131.24	247.02	89.50	-201.02	6,300.70	2,187.23	1,873.65	313.58	6.975		
15,600.00	7,161.93	7,124.93	7,124.93	132.71	247.01	89.48	-201.02	6,300.70	2,275.94	1,963.74	312.20	7.290		
15,700.00	7,161.47	7,124.47	7,124.47	134.19	246.99	89.45	-201.02	6,300.70	2,365.55	2,054.63	310.92	7.608		
15,800.00	7,161.00	7,124.00	7,124.00	135.66	246.98	89.42	-201.02	6,300.70	2,455.96	2,146.23	309.73	7.929		
15,900.00	7,160.54	7,123.54	7,123.54	137.14	246.96	89.40	-201.02	6,300.70	2,547.09	2,238.46	308.63	8.253		
16,000.00	7,160.07	7,123.07	7,123.07	138.61	246.94	89.37	-201.02	6,300.70	2,638.86	2,331.25	307.61	8.579		
16,100.00	7,159.61	7,122.61	7,122.61	140.09	246.93	89.35	-201.02	6,300.70	2,731.21	2,424.54	306.67	8.906		
16,200.00	7,159.14	7,122.14	7,122.14	141.57	246.91	89.32	-201.02	6,300.70	2,824.08	2,518.29	305.79	9.235		
16,300.00	7,158.68	7,121.68	7,121.68	143.05	246.89	89.29	-201.02	6,300.70	2,917.42	2,612.45	304.97	9.566		
16,400.00	7,158.21	7,121.21	7,121.21	144.53	246.88	89.27	-201.02	6,300.70	3,011.19	2,706.98	304.21	9.898		
16,500.00	7,157.75	7,120.75	7,120.75	146.01	246.86	89.24	-201.02	6,300.70	3,105.35	2,801.84	303.51	10.231		
16,600.00	7,157.28	7,120.28	7,120.28	147.49	246.85	89.22	-201.02	6,300.70	3,199.86	2,897.01	302.85	10.566		
16,700.00	7,156.82	7,119.82	7,119.82	148.97	246.83	89.19	-201.02	6,300.70	3,294.70	2,992.46	302.24	10.901		
16,800.00	7,156.35	7,119.35	7,119.35	150.45	246.81	89.17	-201.02	6,300.70	3,389.83	3,088.16	301.67	11.237		
16,900.00	7,155.89	7,118.89	7,118.89	151.94	246.80	89.14	-201.02	6,300.70	3,485.23	3,184.10	301.14	11.574		
17,000.00	7,155.43	7,118.43	7,118.43	153.42	246.78	89.11	-201.02	6,300.70	3,580.89	3,280.25	300.64	11.911		
17,100.00	7,154.96	7,117.96	7,117.96	154.90	246.76	89.09	-201.02	6,300.70	3,676.78	3,376.60	300.17	12.249		
17,200.00	7,154.50	7,117.50	7,117.50	156.39	246.75	89.06	-201.02	6,300.70	3,772.88	3,473.14	299.74	12.587		
17,300.00	7,154.03	7,117.03	7,117.03	157.88	246.73	89.04	-201.02	6,300.70	3,869.17	3,569.84	299.33	12.926		
17,400.00	7,153.57	7,116.57	7,116.57	159.36	246.72	89.01	-201.02	6,300.70	3,965.66	3,666.70	298.95	13.265		
17,500.00	7,153.10	7,116.10	7,116.10	160.85	246.70	88.98	-201.02	6,300.70	4,062.31	3,763.71	298.60	13.605		
17,600.00	7,152.64	7,115.64	7,115.64	162.34	246.68	88.96	-201.02	6,300.70	4,159.12	3,860.85	298.27	13.944		
17,700.00	7,152.17	7,115.17	7,115.17	163.83	246.67	88.93	-201.02	6,300.70	4,256.07	3,958.12	297.96	14.284		
17,737.15	7,152.00	7,115.00	7,115.00	164.38	246.66	88.92	-201.02	6,300.70	4,292.13	3,994.28	297.85	14.411		



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - OGILVY #1 - OH - NO SURVEYS		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	Angle (°)	+N/-S (ft)	+E/-W (ft)	Depth (ft)	Depth (ft)	Depth (ft)	Factor					
0.00	0.00	0.00	0.00	3.28	3.28	97.57	-1,304.80	9,820.94	9,907.42								
100.00	100.00	40.00	40.00	3.28	3.35	97.57	-1,304.80	9,820.94	9,907.23	9,900.60	6.64	1,492.583					
200.00	200.00	140.00	140.00	3.34	4.54	97.57	-1,304.80	9,820.94	9,907.23	9,899.36	7.88	1,257.735					
300.00	300.00	240.00	240.00	3.44	7.40	97.57	-1,304.80	9,820.94	9,907.23	9,896.39	10.84	913.855					
400.00	400.00	340.00	340.00	3.60	10.64	97.57	-1,304.80	9,820.94	9,907.23	9,892.99	14.24	695.694					
500.00	499.99	439.99	439.99	3.80	14.00	157.57	-1,304.80	9,820.94	9,908.04	9,890.24	17.80	556.561					
600.00	599.96	539.96	539.96	4.03	17.42	157.56	-1,304.80	9,820.94	9,910.46	9,889.01	21.45	462.039					
700.00	699.86	639.86	639.86	4.30	20.85	157.56	-1,304.80	9,820.94	9,914.49	9,889.34	25.15	394.174					
790.00	789.74	729.74	729.74	4.57	23.96	157.57	-1,304.80	9,820.94	9,918.85	9,890.33	28.52	347.794					
800.00	799.73	739.73	739.73	4.60	24.30	154.43	-1,304.80	9,820.94	9,919.33	9,890.44	28.90	343.288					
900.00	899.50	839.50	839.50	4.92	27.76	133.26	-1,304.80	9,820.94	9,924.51	9,891.84	32.67	303.819					
1,000.00	999.05	939.05	939.05	5.26	31.21	122.99	-1,304.80	9,820.94	9,930.24	9,893.79	36.45	272.413					
1,077.14	1,075.61	1,015.61	1,015.61	5.53	33.87	118.34	-1,304.80	9,820.94	9,935.05	9,895.67	39.38	252.293					
1,100.00	1,098.26	1,038.26	1,038.26	5.61	34.66	118.36	-1,304.80	9,820.94	9,936.52	9,896.28	40.25	246.890					
1,200.00	1,197.35	1,137.35	1,137.35	5.98	38.10	118.42	-1,304.80	9,820.94	9,942.98	9,898.93	44.05	225.710					
1,300.00	1,296.44	1,236.44	1,236.44	6.35	41.55	118.49	-1,304.80	9,820.94	9,949.45	9,901.58	47.87	207.840					
1,400.00	1,395.52	1,335.52	1,335.52	6.73	45.00	118.56	-1,304.80	9,820.94	9,955.94	9,904.24	51.70	192.570					
1,500.00	1,494.61	1,434.61	1,434.61	7.12	48.45	118.63	-1,304.80	9,820.94	9,962.44	9,906.90	55.54	179.377					
1,600.00	1,593.70	1,533.70	1,533.70	7.52	51.90	118.69	-1,304.80	9,820.94	9,968.95	9,909.56	59.39	167.868					
1,700.00	1,692.78	1,632.78	1,632.78	7.93	55.35	118.76	-1,304.80	9,820.94	9,975.48	9,912.24	63.24	157.743					
1,800.00	1,791.87	1,731.87	1,731.87	8.33	58.81	118.83	-1,304.80	9,820.94	9,982.02	9,914.92	67.10	148.769					
1,900.00	1,890.95	1,830.95	1,830.95	8.75	62.26	118.90	-1,304.80	9,820.94	9,988.57	9,917.61	70.96	140.762					
2,000.00	1,990.04	1,930.04	1,930.04	9.16	65.71	118.96	-1,304.80	9,820.94	9,995.14	9,920.32	74.83	133.575					
7,350.00	7,143.21	7,083.21	7,083.21	32.30	245.55	34.56	-1,304.80	9,820.94	9,961.03	9,684.06	276.97	35.964					
7,400.00	7,161.80	7,101.80	7,101.80	32.47	246.20	38.81	-1,304.80	9,820.94	9,916.29	9,638.62	277.68	35.712					
7,450.00	7,176.72	7,116.72	7,116.72	32.64	246.72	44.81	-1,304.80	9,820.94	9,870.17	9,591.93	278.25	35.473					
7,500.00	7,187.89	7,127.89	7,127.89	32.82	247.11	53.41	-1,304.80	9,820.94	9,822.95	9,544.27	278.68	35.248					
7,550.00	7,195.23	7,135.23	7,135.23	32.99	247.37	65.73	-1,304.80	9,820.94	9,774.93	9,495.96	278.97	35.039					
7,600.00	7,198.70	7,138.70	7,138.70	33.17	247.49	82.46	-1,304.80	9,820.94	9,726.39	9,447.26	279.13	34.846					
7,622.60	7,199.00	7,139.00	7,139.00	33.25	247.50	91.17	-1,304.80	9,820.94	9,704.36	9,425.21	279.15	34.764					
7,700.00	7,198.64	7,138.64	7,138.64	33.54	247.49	91.16	-1,304.80	9,820.94	9,628.89	9,349.70	279.19	34.489					
7,800.00	7,198.17	7,138.17	7,138.17	33.98	247.47	91.15	-1,304.80	9,820.94	9,531.43	9,252.19	279.24	34.133					
7,900.00	7,197.71	7,137.71	7,137.71	34.47	247.45	91.14	-1,304.80	9,820.94	9,434.02	9,154.72	279.30	33.777					
8,000.00	7,197.24	7,137.24	7,137.24	35.03	247.44	91.13	-1,304.80	9,820.94	9,336.67	9,057.31	279.37	33.421					
8,100.00	7,196.78	7,136.78	7,136.78	35.64	247.42	91.12	-1,304.80	9,820.94	9,239.38	8,959.94	279.44	33.064					
8,200.00	7,196.31	7,136.31	7,136.31	36.30	247.41	91.10	-1,304.80	9,820.94	9,142.14	8,862.62	279.52	32.707					
8,300.00	7,195.85	7,135.85	7,135.85	37.01	247.39	91.09	-1,304.80	9,820.94	9,044.96	8,765.36	279.61	32.349					
8,400.00	7,195.38	7,135.38	7,135.38	37.77	247.37	91.08	-1,304.80	9,820.94	8,947.85	8,668.15	279.70	31.991					
8,500.00	7,194.92	7,134.92	7,134.92	38.57	247.36	91.07	-1,304.80	9,820.94	8,850.80	8,570.99	279.81	31.632					
8,600.00	7,194.46	7,134.46	7,134.46	39.41	247.34	91.05	-1,304.80	9,820.94	8,753.81	8,473.90	279.92	31.273					
8,700.00	7,193.99	7,133.99	7,133.99	40.30	247.32	91.04	-1,304.80	9,820.94	8,656.90	8,376.86	280.04	30.913					
8,800.00	7,193.53	7,133.53	7,133.53	41.22	247.31	91.03	-1,304.80	9,820.94	8,560.05	8,279.89	280.17	30.553					
8,900.00	7,193.06	7,133.06	7,133.06	42.17	247.29	91.02	-1,304.80	9,820.94	8,463.28	8,182.97	280.31	30.193					
9,000.00	7,192.60	7,132.60	7,132.60	43.16	247.28	91.00	-1,304.80	9,820.94	8,366.59	8,086.13	280.45	29.832					
9,100.00	7,192.13	7,132.13	7,132.13	44.17	247.26	90.99	-1,304.80	9,820.94	8,269.97	7,989.35	280.61	29.471					
9,200.00	7,191.67	7,131.67	7,131.67	45.22	247.24	90.98	-1,304.80	9,820.94	8,173.43	7,892.65	280.78	29.109					
9,300.00	7,191.20	7,131.20	7,131.20	46.29	247.23	90.97	-1,304.80	9,820.94	8,076.98	7,796.02	280.96	28.747					
9,400.00	7,190.74	7,130.74	7,130.74	47.38	247.21	90.95	-1,304.80	9,820.94	7,980.62	7,699.46	281.16	28.385					
9,500.00	7,190.27	7,130.27	7,130.27	48.50	247.19	90.94	-1,304.80	9,820.94	7,884.34	7,602.98	281.36	28.022					
9,600.00	7,189.81	7,129.81	7,129.81	49.64	247.18	90.93	-1,304.80	9,820.94	7,788.16	7,506.59	281.58	27.659					
9,700.00	7,189.34	7,129.34	7,129.34	50.80	247.16	90.92	-1,304.80	9,820.94	7,692.08	7,410.27	281.81	27.295					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - OGILVY #1 - OH - NO SURVEYS		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
9,800.00	7,188.88	7,128.88	7,128.88	51.98	247.15	90.90	-1,304.80	9,820.94	7,596.10	7,314.05	282.05	26.932					
9,900.00	7,188.41	7,128.41	7,128.41	53.17	247.13	90.89	-1,304.80	9,820.94	7,500.23	7,217.92	282.31	26.567					
10,000.00	7,187.95	7,127.95	7,127.95	54.38	247.11	90.88	-1,304.80	9,820.94	7,404.46	7,121.88	282.58	26.203					
10,100.00	7,187.49	7,127.49	7,127.49	55.61	247.10	90.87	-1,304.80	9,820.94	7,308.81	7,025.93	282.87	25.838					
10,200.00	7,187.02	7,127.02	7,127.02	56.85	247.08	90.85	-1,304.80	9,820.94	7,213.27	6,930.10	283.17	25.473					
10,300.00	7,186.56	7,126.56	7,126.56	58.10	247.06	90.84	-1,304.80	9,820.94	7,117.86	6,834.36	283.50	25.108					
10,400.00	7,186.09	7,126.09	7,126.09	59.37	247.05	90.83	-1,304.80	9,820.94	7,022.57	6,738.74	283.83	24.742					
10,500.00	7,185.63	7,125.63	7,125.63	60.64	247.03	90.82	-1,304.80	9,820.94	6,927.42	6,643.23	284.19	24.376					
10,600.00	7,185.16	7,125.16	7,125.16	61.93	247.02	90.81	-1,304.80	9,820.94	6,832.40	6,547.84	284.56	24.010					
10,700.00	7,184.70	7,124.70	7,124.70	63.23	247.00	90.79	-1,304.80	9,820.94	6,737.53	6,452.58	284.96	23.644					
10,800.00	7,184.23	7,124.23	7,124.23	64.54	246.98	90.78	-1,304.80	9,820.94	6,642.82	6,357.44	285.37	23.278					
10,900.00	7,183.77	7,123.77	7,123.77	65.85	246.97	90.77	-1,304.80	9,820.94	6,548.25	6,262.44	285.81	22.911					
11,000.00	7,183.30	7,123.30	7,123.30	67.18	246.95	90.76	-1,304.80	9,820.94	6,453.85	6,167.59	286.27	22.545					
11,100.00	7,182.84	7,122.84	7,122.84	68.51	246.94	90.74	-1,304.80	9,820.94	6,359.63	6,072.88	286.75	22.178					
11,200.00	7,182.37	7,122.37	7,122.37	69.85	246.92	90.73	-1,304.80	9,820.94	6,265.58	5,978.32	287.25	21.812					
11,300.00	7,181.91	7,121.91	7,121.91	71.20	246.90	90.72	-1,304.80	9,820.94	6,171.72	5,883.93	287.79	21.446					
11,400.00	7,181.45	7,121.45	7,121.45	72.56	246.89	90.71	-1,304.80	9,820.94	6,078.05	5,789.71	288.34	21.079					
11,500.00	7,180.98	7,120.98	7,120.98	73.92	246.87	90.69	-1,304.80	9,820.94	5,984.59	5,695.66	288.93	20.713					
11,600.00	7,180.52	7,120.52	7,120.52	75.29	246.85	90.68	-1,304.80	9,820.94	5,891.35	5,601.80	289.54	20.347					
11,700.00	7,180.05	7,120.05	7,120.05	76.66	246.84	90.67	-1,304.80	9,820.94	5,798.32	5,508.14	290.18	19.982					
11,800.00	7,179.59	7,119.59	7,119.59	78.04	246.82	90.66	-1,304.80	9,820.94	5,705.54	5,414.68	290.86	19.616					
11,900.00	7,179.12	7,119.12	7,119.12	79.42	246.81	90.64	-1,304.80	9,820.94	5,613.00	5,321.44	291.57	19.251					
12,000.00	7,178.66	7,118.66	7,118.66	80.81	246.79	90.63	-1,304.80	9,820.94	5,520.73	5,228.42	292.31	18.887					
12,100.00	7,178.19	7,118.19	7,118.19	82.20	246.77	90.62	-1,304.80	9,820.94	5,428.72	5,135.64	293.08	18.523					
12,200.00	7,177.73	7,117.73	7,117.73	83.60	246.76	90.61	-1,304.80	9,820.94	5,337.01	5,043.11	293.90	18.159					
12,300.00	7,177.26	7,117.26	7,117.26	85.00	246.74	90.59	-1,304.80	9,820.94	5,245.59	4,950.85	294.75	17.797					
12,400.00	7,176.80	7,116.80	7,116.80	86.41	246.72	90.58	-1,304.80	9,820.94	5,154.50	4,858.86	295.64	17.435					
12,500.00	7,176.33	7,116.33	7,116.33	87.82	246.71	90.57	-1,304.80	9,820.94	5,063.74	4,767.17	296.58	17.074					
12,600.00	7,175.87	7,115.87	7,115.87	89.23	246.69	90.56	-1,304.80	9,820.94	4,973.34	4,675.79	297.55	16.714					
12,700.00	7,175.40	7,115.40	7,115.40	90.65	246.68	90.54	-1,304.80	9,820.94	4,883.31	4,584.73	298.58	16.355					
12,800.00	7,174.94	7,114.94	7,114.94	92.07	246.66	90.53	-1,304.80	9,820.94	4,793.68	4,494.02	299.65	15.997					
12,900.00	7,174.48	7,114.48	7,114.48	93.49	246.64	90.52	-1,304.80	9,820.94	4,704.46	4,403.68	300.78	15.641					
13,000.00	7,174.01	7,114.01	7,114.01	94.91	246.63	90.51	-1,304.80	9,820.94	4,615.69	4,313.73	301.95	15.286					
13,100.00	7,173.55	7,113.55	7,113.55	96.34	246.61	90.49	-1,304.80	9,820.94	4,527.38	4,224.20	303.18	14.933					
13,200.00	7,173.08	7,113.08	7,113.08	97.77	246.59	90.48	-1,304.80	9,820.94	4,439.57	4,135.10	304.47	14.581					
13,300.00	7,172.62	7,112.62	7,112.62	99.21	246.58	90.47	-1,304.80	9,820.94	4,352.29	4,046.47	305.82	14.232					
13,400.00	7,172.15	7,112.15	7,112.15	100.64	246.56	90.46	-1,304.80	9,820.94	4,265.56	3,958.33	307.23	13.884					
13,500.00	7,171.69	7,111.69	7,111.69	102.08	246.55	90.45	-1,304.80	9,820.94	4,179.43	3,870.73	308.70	13.539					
13,600.00	7,171.22	7,111.22	7,111.22	103.52	246.53	90.43	-1,304.80	9,820.94	4,093.92	3,783.68	310.24	13.196					
13,700.00	7,170.76	7,110.76	7,110.76	104.97	246.51	90.42	-1,304.80	9,820.94	4,009.09	3,697.24	311.86	12.856					
13,800.00	7,170.29	7,110.29	7,110.29	106.41	246.50	90.41	-1,304.80	9,820.94	3,924.98	3,611.43	313.54	12.518					
13,900.00	7,169.83	7,109.83	7,109.83	107.86	246.48	90.40	-1,304.80	9,820.94	3,841.62	3,526.31	315.31	12.184					
14,000.00	7,169.36	7,109.36	7,109.36	109.31	246.46	90.38	-1,304.80	9,820.94	3,759.08	3,441.93	317.15	11.853					
14,100.00	7,168.90	7,108.90	7,108.90	110.76	246.45	90.37	-1,304.80	9,820.94	3,677.40	3,358.32	319.08	11.525					
14,200.00	7,168.44	7,108.44	7,108.44	112.21	246.43	90.36	-1,304.80	9,820.94	3,596.65	3,275.56	321.08	11.202					
14,300.00	7,167.97	7,107.97	7,107.97	113.67	246.42	90.35	-1,304.80	9,820.94	3,516.88	3,193.70	323.18	10.882					
14,400.00	7,167.51	7,107.51	7,107.51	115.12	246.40	90.33	-1,304.80	9,820.94	3,438.18	3,112.81	325.37	10.567					
14,500.00	7,167.04	7,107.04	7,107.04	116.58	246.38	90.32	-1,304.80	9,820.94	3,360.61	3,032.96	327.65	10.257					
14,600.00	7,166.58	7,106.58	7,106.58	118.04	246.37	90.31	-1,304.80	9,820.94	3,284.25	2,954.22	330.02	9.952					
14,700.00	7,166.11	7,106.11	7,106.11	119.50	246.35	90.30	-1,304.80	9,820.94	3,209.19	2,876.69	332.49	9.652					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - OGILVY #1 - OH - NO SURVEYS		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)						
14,800.00	7,165.65	7,105.65	7,105.65	120.97	246.33	90.28	-1,304.80	9,820.94	3,135.52	2,800.46	335.06	9.358					
14,900.00	7,165.18	7,105.18	7,105.18	122.43	246.32	90.27	-1,304.80	9,820.94	3,063.35	2,725.62	337.73	9.070					
15,000.00	7,164.72	7,104.72	7,104.72	123.90	246.30	90.26	-1,304.80	9,820.94	2,992.78	2,652.29	340.49	8.790					
15,100.00	7,164.25	7,104.25	7,104.25	125.36	246.29	90.25	-1,304.80	9,820.94	2,923.92	2,580.58	343.34	8.516					
15,200.00	7,163.79	7,103.79	7,103.79	126.83	246.27	90.23	-1,304.80	9,820.94	2,856.91	2,510.61	346.29	8.250					
15,300.00	7,163.32	7,103.32	7,103.32	128.30	246.25	90.22	-1,304.80	9,820.94	2,791.87	2,442.54	349.33	7.992					
15,400.00	7,162.86	7,102.86	7,102.86	129.77	246.24	90.21	-1,304.80	9,820.94	2,728.94	2,376.49	352.45	7.743					
15,500.00	7,162.39	7,102.39	7,102.39	131.24	246.22	90.20	-1,304.80	9,820.94	2,668.28	2,312.64	355.64	7.503					
15,600.00	7,161.93	7,101.93	7,101.93	132.71	246.21	90.18	-1,304.80	9,820.94	2,610.04	2,251.15	358.89	7.272					
15,700.00	7,161.47	7,101.47	7,101.47	134.19	246.19	90.17	-1,304.80	9,820.94	2,554.39	2,192.19	362.20	7.052					
15,800.00	7,161.00	7,101.00	7,101.00	135.66	246.17	90.16	-1,304.80	9,820.94	2,501.50	2,135.96	365.54	6.843					
15,900.00	7,160.54	7,100.54	7,100.54	137.14	246.16	90.15	-1,304.80	9,820.94	2,451.55	2,082.66	368.90	6.646					
16,000.00	7,160.07	7,100.07	7,100.07	138.61	246.14	90.13	-1,304.80	9,820.94	2,404.73	2,032.48	372.25	6.460					
16,100.00	7,159.61	7,100.39	7,099.61	140.09	246.15	90.12	-1,304.80	9,820.94	2,361.21	1,985.60	375.61	6.286					
16,200.00	7,159.14	7,100.86	7,099.14	141.57	246.17	90.11	-1,304.80	9,820.94	2,321.19	1,942.28	378.91	6.126					
16,300.00	7,158.68	7,101.32	7,098.68	143.05	246.18	90.10	-1,304.80	9,820.94	2,284.84	1,902.71	382.13	5.979					
16,400.00	7,158.21	7,101.79	7,098.21	144.53	246.20	90.09	-1,304.80	9,820.94	2,252.36	1,867.12	385.23	5.847					
16,500.00	7,157.75	7,102.25	7,097.75	146.01	246.22	90.07	-1,304.80	9,820.94	2,223.89	1,835.70	388.19	5.729					
16,600.00	7,157.28	7,102.72	7,097.28	147.49	246.23	90.06	-1,304.80	9,820.94	2,199.61	1,808.64	390.97	5.626					
16,700.00	7,156.82	7,103.18	7,096.82	148.97	246.25	90.05	-1,304.80	9,820.94	2,179.65	1,786.12	393.54	5.539					
16,800.00	7,156.35	7,103.65	7,096.35	150.45	246.27	90.04	-1,304.80	9,820.94	2,164.14	1,768.27	395.86	5.467					
16,900.00	7,155.89	7,104.11	7,095.89	151.94	246.28	90.02	-1,304.80	9,820.94	2,153.16	1,755.23	397.92	5.411					
17,000.00	7,155.43	7,104.58	7,095.43	153.42	246.30	90.01	-1,304.80	9,820.94	2,146.78	1,747.09	399.69	5.371					
17,087.03	7,155.02	7,104.98	7,095.02	154.71	246.31	90.00	-1,304.80	9,820.94	2,145.02	1,744.03	400.99	5.349 CC					
17,100.00	7,154.96	7,105.04	7,094.96	154.90	246.31	90.00	-1,304.80	9,820.94	2,145.06	1,743.90	401.16	5.347 ES					
17,200.00	7,154.50	7,105.50	7,094.50	156.39	246.33	89.99	-1,304.80	9,820.94	2,147.99	1,745.69	402.31	5.339 SF					
17,300.00	7,154.03	7,105.97	7,094.03	157.88	246.35	89.97	-1,304.80	9,820.94	2,155.56	1,752.43	403.13	5.347					
17,400.00	7,153.57	7,106.43	7,093.57	159.36	246.36	89.96	-1,304.80	9,820.94	2,167.73	1,764.10	403.63	5.371					
17,500.00	7,153.10	7,106.90	7,093.10	160.85	246.38	89.95	-1,304.80	9,820.94	2,184.41	1,780.59	403.82	5.409					
17,600.00	7,152.64	7,107.36	7,092.64	162.34	246.39	89.94	-1,304.80	9,820.94	2,205.50	1,801.79	403.71	5.463					
17,700.00	7,152.17	7,107.83	7,092.17	163.83	246.41	89.92	-1,304.80	9,820.94	2,230.88	1,827.56	403.32	5.531					
17,737.15	7,152.00	7,108.00	7,092.00	164.38	246.42	89.92	-1,304.80	9,820.94	2,241.37	1,838.26	403.11	5.560					

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - Pinnacle Park #1-14 - OH - NO SURVEYS		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
0.00	0.00	0.00	0.00	3.28	3.28	77.14	2,145.00	9,396.74	9,638.51								
100.00	100.00	65.00	65.00	3.28	3.47	77.14	2,145.00	9,396.74	9,638.45	9,631.69	6.75	1,426.895					
200.00	200.00	165.00	165.00	3.34	5.18	77.14	2,145.00	9,396.74	9,638.45	9,629.93	8.52	1,131.377					
300.00	300.00	265.00	265.00	3.44	8.19	77.14	2,145.00	9,396.74	9,638.45	9,626.81	11.63	828.571					
400.00	400.00	365.00	365.00	3.60	11.48	77.14	2,145.00	9,396.74	9,638.45	9,623.37	15.07	639.400					
500.00	499.99	464.99	464.99	3.80	14.85	137.14	2,145.00	9,396.74	9,639.09	9,620.44	18.65	516.783					
600.00	599.96	564.96	564.96	4.03	18.27	137.14	2,145.00	9,396.74	9,641.01	9,618.70	22.31	432.197					
700.00	699.86	664.86	664.86	4.30	21.71	137.13	2,145.00	9,396.74	9,644.20	9,618.19	26.01	370.729					
790.00	789.74	754.74	754.74	4.57	24.82	137.15	2,145.00	9,396.74	9,647.66	9,618.28	29.38	328.339					
800.00	799.73	764.73	764.73	4.60	25.17	134.01	2,145.00	9,396.74	9,648.04	9,618.28	29.76	324.205					
900.00	899.50	864.50	864.50	4.92	28.62	112.89	2,145.00	9,396.74	9,651.48	9,617.95	33.53	287.835					
1,000.00	999.05	964.05	964.05	5.26	32.08	102.69	2,145.00	9,396.74	9,654.24	9,616.92	37.32	258.695					
1,077.14	1,075.61	1,040.61	1,040.61	5.53	34.74	98.11	2,145.00	9,396.74	9,655.92	9,615.67	40.25	239.926					
1,100.00	1,098.26	1,063.26	1,063.26	5.61	35.52	98.13	2,145.00	9,396.74	9,656.36	9,615.24	41.11	234.873					
1,200.00	1,197.35	1,162.35	1,162.35	5.98	38.97	98.21	2,145.00	9,396.74	9,658.29	9,613.37	44.92	215.014					
1,300.00	1,296.44	1,261.44	1,261.44	6.35	42.42	98.29	2,145.00	9,396.74	9,660.24	9,611.50	48.74	198.204					
1,400.00	1,395.52	1,360.52	1,360.52	6.73	45.87	98.37	2,145.00	9,396.74	9,662.21	9,609.64	52.57	183.799					
1,500.00	1,494.61	1,459.61	1,459.61	7.12	49.32	98.44	2,145.00	9,396.74	9,664.20	9,607.79	56.41	171.323					
1,600.00	1,593.70	1,558.70	1,558.70	7.52	52.77	98.52	2,145.00	9,396.74	9,666.21	9,605.95	60.26	160.418					
1,700.00	1,692.78	1,657.78	1,657.78	7.93	56.22	98.60	2,145.00	9,396.74	9,668.24	9,604.13	64.11	150.807					
1,800.00	1,791.87	1,756.87	1,756.87	8.33	59.68	98.68	2,145.00	9,396.74	9,670.28	9,602.31	67.97	142.274					
1,900.00	1,890.95	1,855.95	1,855.95	8.75	63.13	98.76	2,145.00	9,396.74	9,672.34	9,600.51	71.83	134.650					
2,000.00	1,990.04	1,955.04	1,955.04	9.16	66.59	98.84	2,145.00	9,396.74	9,674.42	9,598.72	75.70	127.798					
2,100.00	2,089.13	2,054.13	2,054.13	9.58	70.04	98.91	2,145.00	9,396.74	9,676.52	9,596.95	79.57	121.606					
2,200.00	2,188.21	2,153.21	2,153.21	10.01	73.50	98.99	2,145.00	9,396.74	9,678.64	9,595.19	83.45	115.986					
2,300.00	2,287.30	2,252.30	2,252.30	10.43	76.95	99.07	2,145.00	9,396.74	9,680.78	9,593.45	87.32	110.860					
2,400.00	2,386.39	2,351.39	2,351.39	10.86	80.41	99.15	2,145.00	9,396.74	9,682.93	9,591.73	91.20	106.168					
2,500.00	2,485.47	2,450.47	2,450.47	11.29	83.86	99.23	2,145.00	9,396.74	9,685.10	9,590.02	95.09	101.857					
2,600.00	2,584.56	2,549.56	2,549.56	11.72	87.32	99.30	2,145.00	9,396.74	9,687.29	9,588.32	98.97	97.882					
2,700.00	2,683.65	2,648.65	2,648.65	12.15	90.78	99.38	2,145.00	9,396.74	9,689.50	9,586.65	102.85	94.206					
2,800.00	2,782.73	2,747.73	2,747.73	12.58	94.24	99.46	2,145.00	9,396.74	9,691.73	9,584.99	106.74	90.797					
2,900.00	2,881.82	2,846.82	2,846.82	13.02	97.69	99.54	2,145.00	9,396.74	9,693.97	9,583.35	110.63	87.626					
3,000.00	2,980.91	2,945.91	2,945.91	13.45	101.15	99.62	2,145.00	9,396.74	9,696.24	9,581.72	114.52	84.670					
3,100.00	3,079.99	3,044.99	3,044.99	13.89	104.61	99.69	2,145.00	9,396.74	9,698.52	9,580.11	118.41	81.908					
3,200.00	3,179.08	3,144.08	3,144.08	14.33	108.06	99.77	2,145.00	9,396.74	9,700.82	9,578.52	122.30	79.320					
3,300.00	3,278.17	3,243.17	3,243.17	14.76	111.52	99.85	2,145.00	9,396.74	9,703.14	9,576.95	126.19	76.892					
3,400.00	3,377.25	3,342.25	3,342.25	15.20	114.98	99.93	2,145.00	9,396.74	9,705.48	9,575.39	130.08	74.609					
3,500.00	3,476.34	3,441.34	3,441.34	15.64	118.44	100.01	2,145.00	9,396.74	9,707.83	9,573.85	133.98	72.458					
3,600.00	3,575.43	3,540.43	3,540.43	16.08	121.90	100.08	2,145.00	9,396.74	9,710.20	9,572.33	137.87	70.429					
3,700.00	3,674.51	3,639.51	3,639.51	16.53	125.35	100.16	2,145.00	9,396.74	9,712.59	9,570.83	141.77	68.511					
3,800.00	3,773.60	3,738.60	3,738.60	16.97	128.81	100.24	2,145.00	9,396.74	9,715.00	9,569.34	145.66	66.695					
3,900.00	3,872.69	3,837.69	3,837.69	17.41	132.27	100.32	2,145.00	9,396.74	9,717.43	9,567.87	149.56	64.974					
4,000.00	3,971.77	3,936.77	3,936.77	17.85	135.73	100.39	2,145.00	9,396.74	9,719.88	9,566.42	153.46	63.340					
4,100.00	4,070.86	4,035.86	4,035.86	18.29	139.19	100.47	2,145.00	9,396.74	9,722.34	9,564.99	157.35	61.787					
4,200.00	4,169.95	4,134.95	4,134.95	18.74	142.64	100.55	2,145.00	9,396.74	9,724.82	9,563.57	161.25	60.309					
4,300.00	4,269.03	4,234.03	4,234.03	19.18	146.10	100.63	2,145.00	9,396.74	9,727.32	9,562.17	165.15	58.900					
4,400.00	4,368.12	4,333.12	4,333.12	19.63	149.56	100.70	2,145.00	9,396.74	9,729.84	9,560.79	169.05	57.557					
4,500.00	4,467.21	4,432.21	4,432.21	20.07	153.02	100.78	2,145.00	9,396.74	9,732.37	9,559.43	172.95	56.274					
4,600.00	4,566.29	4,531.29	4,531.29	20.52	156.48	100.86	2,145.00	9,396.74	9,734.93	9,558.08	176.84	55.048					
4,700.00	4,665.38	4,630.38	4,630.38	20.96	159.93	100.93	2,145.00	9,396.74	9,737.50	9,556.75	180.74	53.874					
4,800.00	4,764.47	4,729.47	4,729.47	21.41	163.39	101.01	2,145.00	9,396.74	9,740.09	9,555.44	184.64	52.751					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - Pinnacle Park #1-14 - OH - NO SURVEYS		Offset Site Error:		0.00 ft
Survey Program: 100-2° Cone@2.448 Sigma													Offset Well Error:		3.28 ft		
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
4,900.00	4,863.55	4,828.55	4,828.55	21.85	166.85	101.09	2,145.00	9,396.74	9,742.70	9,554.15	188.54	51.673					
5,000.00	4,962.64	4,927.64	4,927.64	22.30	170.31	101.17	2,145.00	9,396.74	9,745.32	9,552.88	192.44	50.640					
5,100.00	5,061.73	5,026.73	5,026.73	22.74	173.77	101.24	2,145.00	9,396.74	9,747.96	9,551.62	196.34	49.647					
5,200.00	5,160.81	5,125.81	5,125.81	23.19	177.23	101.32	2,145.00	9,396.74	9,750.63	9,550.38	200.24	48.694					
5,300.00	5,259.90	5,224.90	5,224.90	23.64	180.69	101.40	2,145.00	9,396.74	9,753.31	9,549.16	204.15	47.776					
5,400.00	5,358.99	5,323.99	5,323.99	24.08	184.14	101.47	2,145.00	9,396.74	9,756.00	9,547.96	208.05	46.893					
5,500.00	5,458.07	5,423.07	5,423.07	24.53	187.60	101.55	2,145.00	9,396.74	9,758.72	9,546.77	211.95	46.043					
5,600.00	5,557.16	5,522.16	5,522.16	24.98	191.06	101.63	2,145.00	9,396.74	9,761.45	9,545.60	215.85	45.223					
5,700.00	5,656.25	5,621.25	5,621.25	25.42	194.52	101.70	2,145.00	9,396.74	9,764.20	9,544.45	219.75	44.433					
5,800.00	5,755.33	5,720.33	5,720.33	25.87	197.98	101.78	2,145.00	9,396.74	9,766.97	9,543.32	223.65	43.670					
5,900.00	5,854.42	5,819.42	5,819.42	26.32	201.44	101.86	2,145.00	9,396.74	9,769.76	9,542.20	227.55	42.934					
6,000.00	5,953.51	5,918.51	5,918.51	26.77	204.90	101.93	2,145.00	9,396.74	9,772.56	9,541.11	231.46	42.222					
6,100.00	6,052.59	6,017.59	6,017.59	27.21	208.35	102.01	2,145.00	9,396.74	9,775.38	9,540.03	235.36	41.534					
6,200.00	6,151.68	6,116.68	6,116.68	27.66	211.81	102.09	2,145.00	9,396.74	9,778.22	9,538.96	239.26	40.869					
6,300.00	6,250.76	6,215.76	6,215.76	28.11	215.27	102.16	2,145.00	9,396.74	9,781.08	9,537.92	243.16	40.224					
6,400.00	6,349.85	6,314.85	6,314.85	28.56	218.73	102.24	2,145.00	9,396.74	9,783.96	9,536.89	247.07	39.601					
6,500.00	6,448.94	6,413.94	6,413.94	29.01	222.19	102.32	2,145.00	9,396.74	9,786.85	9,535.88	250.97	38.996					
6,589.36	6,537.48	6,502.48	6,502.48	29.41	225.28	102.39	2,145.00	9,396.74	9,789.45	9,535.00	254.46	38.472					
6,600.00	6,548.03	6,513.03	6,513.03	29.45	225.65	95.54	2,145.00	9,396.74	9,789.67	9,534.80	254.87	38.410					
6,650.00	6,597.61	6,562.61	6,562.61	29.67	227.38	61.42	2,145.00	9,396.74	9,788.36	9,531.54	256.82	38.114					
6,700.00	6,647.01	6,612.01	6,612.01	29.89	229.10	37.25	2,145.00	9,396.74	9,783.18	9,524.42	258.76	37.808					
6,750.00	6,695.92	6,660.92	6,660.92	30.10	230.81	23.90	2,145.00	9,396.74	9,774.15	9,513.48	260.67	37.496					
6,800.00	6,744.04	6,709.04	6,709.04	30.31	232.49	16.19	2,145.00	9,396.74	9,761.34	9,498.79	262.54	37.180					
6,850.00	6,791.07	6,756.07	6,756.07	30.51	234.13	11.27	2,145.00	9,396.74	9,744.81	9,480.44	264.37	36.860					
6,900.00	6,836.72	6,801.72	6,801.72	30.71	235.73	7.84	2,145.00	9,396.74	9,724.67	9,458.53	266.14	36.540					
6,950.00	6,880.71	6,845.71	6,845.71	30.90	237.26	5.25	2,145.00	9,396.74	9,701.05	9,433.21	267.84	36.220					
7,000.00	6,922.77	6,887.77	6,887.77	31.08	238.73	3.15	2,145.00	9,396.74	9,674.09	9,404.63	269.46	35.902					
7,050.00	6,962.63	6,927.63	6,927.63	31.27	240.12	1.32	2,145.00	9,396.74	9,643.95	9,372.96	270.98	35.589					
7,100.00	7,000.07	6,965.07	6,965.07	31.44	241.43	-0.38	2,145.00	9,396.74	9,610.82	9,338.41	272.41	35.281					
7,150.00	7,034.83	7,000.17	6,999.83	31.62	242.65	-2.07	2,145.00	9,396.74	9,574.91	9,301.16	273.74	34.978					
7,200.00	7,066.72	7,031.72	7,031.72	31.79	243.75	-3.87	2,145.00	9,396.74	9,536.43	9,261.49	274.94	34.686					
7,250.00	7,095.52	7,060.52	7,060.52	31.96	244.76	-5.90	2,145.00	9,396.74	9,495.62	9,219.60	276.02	34.402					
7,300.00	7,121.07	7,086.07	7,086.07	32.13	245.65	-8.34	2,145.00	9,396.74	9,452.75	9,175.77	276.98	34.129					
7,350.00	7,143.21	7,108.21	7,108.21	32.30	246.42	-11.48	2,145.00	9,396.74	9,408.06	9,130.26	277.80	33.867					
7,400.00	7,161.80	7,126.80	7,126.80	32.47	247.07	-15.78	2,145.00	9,396.74	9,361.84	9,083.35	278.48	33.617					
7,450.00	7,176.72	7,141.72	7,141.72	32.64	247.59	-22.16	2,145.00	9,396.74	9,314.37	9,035.34	279.03	33.381					
7,500.00	7,187.89	7,152.89	7,152.89	32.82	247.98	-32.38	2,145.00	9,396.74	9,265.95	8,986.52	279.43	33.160					
7,550.00	7,195.23	7,160.23	7,160.23	32.99	248.24	-49.88	2,145.00	9,396.74	9,216.87	8,937.18	279.70	32.953					
7,600.00	7,198.70	7,163.70	7,163.70	33.17	248.36	-77.63	2,145.00	9,396.74	9,167.45	8,887.63	279.82	32.762					
7,622.60	7,199.00	7,164.00	7,164.00	33.25	248.37	-91.84	2,145.00	9,396.74	9,145.08	8,865.25	279.83	32.681					
7,700.00	7,198.64	7,163.64	7,163.64	33.54	248.36	-91.83	2,145.00	9,396.74	9,068.48	8,788.67	279.81	32.410					
7,800.00	7,198.17	7,163.17	7,163.17	33.98	248.34	-91.81	2,145.00	9,396.74	8,969.53	8,689.75	279.78	32.059					
7,900.00	7,197.71	7,162.71	7,162.71	34.47	248.33	-91.79	2,145.00	9,396.74	8,870.61	8,590.85	279.76	31.708					
8,000.00	7,197.24	7,162.24	7,162.24	35.03	248.31	-91.77	2,145.00	9,396.74	8,771.71	8,491.97	279.74	31.356					
8,100.00	7,196.78	7,161.78	7,161.78	35.64	248.29	-91.75	2,145.00	9,396.74	8,672.84	8,393.12	279.73	31.005					
8,200.00	7,196.31	7,161.31	7,161.31	36.30	248.28	-91.73	2,145.00	9,396.74	8,574.00	8,294.28	279.72	30.653					
8,300.00	7,195.85	7,160.85	7,160.85	37.01	248.26	-91.71	2,145.00	9,396.74	8,475.18	8,195.47	279.71	30.300					
8,400.00	7,195.38	7,160.38	7,160.38	37.77	248.25	-91.69	2,145.00	9,396.74	8,376.39	8,096.69	279.70	29.948					
8,500.00	7,194.92	7,159.92	7,159.92	38.57	248.23	-91.67	2,145.00	9,396.74	8,277.63	7,997.93	279.70	29.595					
8,600.00	7,194.46	7,159.46	7,159.46	39.41	248.21	-91.65	2,145.00	9,396.74	8,178.90	7,899.20	279.70	29.242					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,700.00	7,193.99	7,158.99	7,158.99	40.30	248.20	-91.62	2,145.00	9,396.74	8,080.20	7,800.49	279.71	28.888			
8,800.00	7,193.53	7,158.53	7,158.53	41.22	248.18	-91.60	2,145.00	9,396.74	7,981.53	7,701.82	279.71	28.535			
8,900.00	7,193.06	7,158.06	7,158.06	42.17	248.16	-91.58	2,145.00	9,396.74	7,882.90	7,603.17	279.73	28.181			
9,000.00	7,192.60	7,157.60	7,157.60	43.16	248.15	-91.56	2,145.00	9,396.74	7,784.30	7,504.55	279.75	27.826			
9,100.00	7,192.13	7,157.13	7,157.13	44.17	248.13	-91.54	2,145.00	9,396.74	7,685.74	7,405.97	279.77	27.472			
9,200.00	7,191.67	7,156.67	7,156.67	45.22	248.12	-91.52	2,145.00	9,396.74	7,587.21	7,307.42	279.79	27.117			
9,300.00	7,191.20	7,156.20	7,156.20	46.29	248.10	-91.50	2,145.00	9,396.74	7,488.72	7,208.90	279.83	26.762			
9,400.00	7,190.74	7,155.74	7,155.74	47.38	248.08	-91.48	2,145.00	9,396.74	7,390.28	7,110.41	279.86	26.407			
9,500.00	7,190.27	7,155.27	7,155.27	48.50	248.07	-91.46	2,145.00	9,396.74	7,291.87	7,011.97	279.91	26.051			
9,600.00	7,189.81	7,154.81	7,154.81	49.64	248.05	-91.44	2,145.00	9,396.74	7,193.52	6,913.56	279.96	25.695			
9,700.00	7,189.34	7,154.34	7,154.34	50.80	248.03	-91.42	2,145.00	9,396.74	7,095.20	6,815.19	280.01	25.339			
9,800.00	7,188.88	7,153.88	7,153.88	51.98	248.02	-91.40	2,145.00	9,396.74	6,996.94	6,716.86	280.07	24.982			
9,900.00	7,188.41	7,153.41	7,153.41	53.17	248.00	-91.38	2,145.00	9,396.74	6,898.72	6,618.58	280.14	24.626			
10,000.00	7,187.95	7,152.95	7,152.95	54.38	247.99	-91.36	2,145.00	9,396.74	6,800.56	6,520.34	280.22	24.269			
10,100.00	7,187.49	7,152.49	7,152.49	55.61	247.97	-91.34	2,145.00	9,396.74	6,702.45	6,422.14	280.31	23.911			
10,200.00	7,187.02	7,152.02	7,152.02	56.85	247.95	-91.32	2,145.00	9,396.74	6,604.39	6,323.99	280.40	23.554			
10,300.00	7,186.56	7,151.56	7,151.56	58.10	247.94	-91.30	2,145.00	9,396.74	6,506.40	6,225.90	280.50	23.196			
10,400.00	7,186.09	7,151.09	7,151.09	59.37	247.92	-91.28	2,145.00	9,396.74	6,408.47	6,127.85	280.61	22.837			
10,500.00	7,185.63	7,150.63	7,150.63	60.64	247.91	-91.26	2,145.00	9,396.74	6,310.60	6,029.87	280.73	22.479			
10,600.00	7,185.16	7,150.16	7,150.16	61.93	247.89	-91.24	2,145.00	9,396.74	6,212.80	5,931.93	280.87	22.120			
10,700.00	7,184.70	7,149.70	7,149.70	63.23	247.87	-91.22	2,145.00	9,396.74	6,115.07	5,834.06	281.01	21.761			
10,800.00	7,184.23	7,149.23	7,149.23	64.54	247.86	-91.20	2,145.00	9,396.74	6,017.42	5,736.25	281.17	21.402			
10,900.00	7,183.77	7,148.77	7,148.77	65.85	247.84	-91.18	2,145.00	9,396.74	5,919.85	5,638.51	281.34	21.042			
11,000.00	7,183.30	7,148.30	7,148.30	67.18	247.82	-91.16	2,145.00	9,396.74	5,822.35	5,540.83	281.52	20.682			
11,100.00	7,182.84	7,147.84	7,147.84	68.51	247.81	-91.14	2,145.00	9,396.74	5,724.95	5,443.23	281.72	20.322			
11,200.00	7,182.37	7,147.37	7,147.37	69.85	247.79	-91.12	2,145.00	9,396.74	5,627.63	5,345.70	281.93	19.961			
11,300.00	7,181.91	7,146.91	7,146.91	71.20	247.78	-91.10	2,145.00	9,396.74	5,530.41	5,248.25	282.16	19.600			
11,400.00	7,181.45	7,146.45	7,146.45	72.56	247.76	-91.07	2,145.00	9,396.74	5,433.29	5,150.89	282.41	19.239			
11,500.00	7,180.98	7,145.98	7,145.98	73.92	247.74	-91.05	2,145.00	9,396.74	5,336.28	5,053.61	282.67	18.878			
11,600.00	7,180.52	7,145.52	7,145.52	75.29	247.73	-91.03	2,145.00	9,396.74	5,239.38	4,956.42	282.96	18.516			
11,700.00	7,180.05	7,145.05	7,145.05	76.66	247.71	-91.01	2,145.00	9,396.74	5,142.60	4,859.33	283.27	18.155			
11,800.00	7,179.59	7,144.59	7,144.59	78.04	247.69	-90.99	2,145.00	9,396.74	5,045.94	4,762.35	283.60	17.793			
11,900.00	7,179.12	7,144.12	7,144.12	79.42	247.68	-90.97	2,145.00	9,396.74	4,949.42	4,665.47	283.95	17.431			
12,000.00	7,178.66	7,143.66	7,143.66	80.81	247.66	-90.95	2,145.00	9,396.74	4,853.04	4,568.70	284.33	17.068			
12,100.00	7,178.19	7,143.19	7,143.19	82.20	247.65	-90.93	2,145.00	9,396.74	4,756.81	4,472.06	284.74	16.706			
12,200.00	7,177.73	7,142.73	7,142.73	83.60	247.63	-90.91	2,145.00	9,396.74	4,660.73	4,375.55	285.18	16.343			
12,300.00	7,177.26	7,142.26	7,142.26	85.00	247.61	-90.89	2,145.00	9,396.74	4,564.82	4,279.17	285.66	15.980			
12,400.00	7,176.80	7,141.80	7,141.80	86.41	247.60	-90.87	2,145.00	9,396.74	4,469.10	4,182.94	286.16	15.617			
12,500.00	7,176.33	7,141.33	7,141.33	87.82	247.58	-90.85	2,145.00	9,396.74	4,373.56	4,086.86	286.71	15.254			
12,600.00	7,175.87	7,140.87	7,140.87	89.23	247.56	-90.83	2,145.00	9,396.74	4,278.23	3,990.94	287.29	14.892			
12,700.00	7,175.40	7,140.40	7,140.40	90.65	247.55	-90.81	2,145.00	9,396.74	4,183.12	3,895.20	287.92	14.529			
12,800.00	7,174.94	7,139.94	7,139.94	92.07	247.53	-90.79	2,145.00	9,396.74	4,088.24	3,799.65	288.59	14.166			
12,900.00	7,174.48	7,139.48	7,139.48	93.49	247.52	-90.77	2,145.00	9,396.74	3,993.61	3,704.30	289.31	13.804			
13,000.00	7,174.01	7,139.01	7,139.01	94.91	247.50	-90.75	2,145.00	9,396.74	3,899.25	3,609.16	290.09	13.442			
13,100.00	7,173.55	7,138.55	7,138.55	96.34	247.48	-90.73	2,145.00	9,396.74	3,805.17	3,514.26	290.92	13.080			
13,200.00	7,173.08	7,138.08	7,138.08	97.77	247.47	-90.71	2,145.00	9,396.74	3,711.41	3,419.60	291.81	12.719			
13,300.00	7,172.62	7,137.62	7,137.62	99.21	247.45	-90.69	2,145.00	9,396.74	3,617.98	3,325.21	292.77	12.358			
13,400.00	7,172.15	7,137.15	7,137.15	100.64	247.43	-90.67	2,145.00	9,396.74	3,524.91	3,231.11	293.79	11.998			
13,500.00	7,171.69	7,136.69	7,136.69	102.08	247.42	-90.65	2,145.00	9,396.74	3,432.23	3,137.33	294.90	11.639			
13,600.00	7,171.22	7,136.22	7,136.22	103.52	247.40	-90.63	2,145.00	9,396.74	3,339.97	3,043.89	296.08	11.281			
13,700.00	7,170.76	7,135.76	7,135.76	104.97	247.39	-90.61	2,145.00	9,396.74	3,248.17	2,950.81	297.36	10.923			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
13,800.00	7,170.29	7,135.29	7,135.29	106.41	247.37	-90.59	2,145.00	9,396.74	3,156.87	2,858.14	298.72	10.568			
13,900.00	7,169.83	7,134.83	7,134.83	107.86	247.35	-90.57	2,145.00	9,396.74	3,066.11	2,765.91	300.19	10.214			
14,000.00	7,169.36	7,134.36	7,134.36	109.31	247.34	-90.55	2,145.00	9,396.74	2,975.94	2,674.17	301.77	9.862			
14,100.00	7,168.90	7,133.90	7,133.90	110.76	247.32	-90.52	2,145.00	9,396.74	2,886.42	2,582.95	303.47	9.511			
14,200.00	7,168.44	7,133.44	7,133.44	112.21	247.30	-90.50	2,145.00	9,396.74	2,797.61	2,492.32	305.30	9.164			
14,300.00	7,167.97	7,132.97	7,132.97	113.67	247.29	-90.48	2,145.00	9,396.74	2,709.58	2,402.33	307.26	8.819			
14,400.00	7,167.51	7,132.51	7,132.51	115.12	247.27	-90.46	2,145.00	9,396.74	2,622.41	2,313.05	309.37	8.477			
14,500.00	7,167.04	7,132.04	7,132.04	116.58	247.26	-90.44	2,145.00	9,396.74	2,536.19	2,224.56	311.63	8.138			
14,600.00	7,166.58	7,131.58	7,131.58	118.04	247.24	-90.42	2,145.00	9,396.74	2,451.01	2,136.94	314.07	7.804			
14,700.00	7,166.11	7,131.11	7,131.11	119.50	247.22	-90.40	2,145.00	9,396.74	2,366.99	2,050.31	316.68	7.474			
14,800.00	7,165.65	7,130.65	7,130.65	120.97	247.21	-90.38	2,145.00	9,396.74	2,284.27	1,964.77	319.49	7.150			
14,900.00	7,165.18	7,130.18	7,130.18	122.43	247.19	-90.36	2,145.00	9,396.74	2,202.97	1,880.46	322.51	6.831			
15,000.00	7,164.72	7,129.72	7,129.72	123.90	247.18	-90.34	2,145.00	9,396.74	2,123.27	1,797.54	325.73	6.518			
15,100.00	7,164.25	7,129.25	7,129.25	125.36	247.16	-90.32	2,145.00	9,396.74	2,045.36	1,716.17	329.19	6.213			
15,200.00	7,163.79	7,128.79	7,128.79	126.83	247.14	-90.30	2,145.00	9,396.74	1,969.44	1,636.56	332.87	5.916			
15,300.00	7,163.32	7,128.32	7,128.32	128.30	247.13	-90.28	2,145.00	9,396.74	1,895.75	1,558.96	336.79	5.629			
15,400.00	7,162.86	7,127.86	7,127.86	129.77	247.11	-90.26	2,145.00	9,396.74	1,824.58	1,483.62	340.95	5.351			
15,500.00	7,162.39	7,127.39	7,127.39	131.24	247.09	-90.24	2,145.00	9,396.74	1,756.21	1,410.87	345.34	5.085			
15,600.00	7,161.93	7,126.93	7,126.93	132.71	247.08	-90.22	2,145.00	9,396.74	1,691.00	1,341.06	349.95	4.832			
15,700.00	7,161.47	7,126.47	7,126.47	134.19	247.06	-90.20	2,145.00	9,396.74	1,629.32	1,274.58	354.74	4.593			
15,800.00	7,161.00	7,126.00	7,126.00	135.66	247.05	-90.18	2,145.00	9,396.74	1,571.59	1,211.91	359.68	4.369			
15,900.00	7,160.54	7,125.54	7,125.54	137.14	247.03	-90.16	2,145.00	9,396.74	1,518.25	1,153.55	364.70	4.163			
16,000.00	7,160.07	7,125.07	7,125.07	138.61	247.01	-90.14	2,145.00	9,396.74	1,469.79	1,100.05	369.74	3.975			
16,100.00	7,159.61	7,124.61	7,124.61	140.09	247.00	-90.12	2,145.00	9,396.74	1,426.71	1,052.00	374.70	3.808			
16,200.00	7,159.14	7,124.14	7,124.14	141.57	246.98	-90.10	2,145.00	9,396.74	1,389.49	1,010.03	379.46	3.662			
16,300.00	7,158.68	7,123.68	7,123.68	143.05	246.96	-90.08	2,145.00	9,396.74	1,358.63	974.74	383.90	3.539			
16,400.00	7,158.21	7,123.21	7,123.21	144.53	246.95	-90.06	2,145.00	9,396.74	1,334.57	946.70	387.88	3.441			
16,500.00	7,157.75	7,122.75	7,122.75	146.01	246.93	-90.04	2,145.00	9,396.74	1,317.68	926.41	391.26	3.368			
16,600.00	7,157.28	7,122.28	7,122.28	147.49	246.92	-90.02	2,145.00	9,396.74	1,308.23	914.28	393.96	3.321			
16,674.02	7,156.94	7,121.94	7,121.94	148.58	246.90	-90.00	2,145.00	9,396.74	1,306.14	910.69	395.45	3.303 CC			
16,700.00	7,156.82	7,121.82	7,121.82	148.97	246.90	-89.99	2,145.00	9,396.74	1,306.40	910.53	395.87	3.300 ES, SF			
16,800.00	7,156.35	7,121.35	7,121.35	150.45	246.88	-89.97	2,145.00	9,396.74	1,312.20	915.24	396.96	3.306			
16,900.00	7,155.89	7,120.89	7,120.89	151.94	246.87	-89.95	2,145.00	9,396.74	1,325.54	928.31	397.23	3.337			
17,000.00	7,155.43	7,120.43	7,120.43	153.42	246.85	-89.93	2,145.00	9,396.74	1,346.20	949.47	396.73	3.393			
17,100.00	7,154.96	7,119.96	7,119.96	154.90	246.83	-89.91	2,145.00	9,396.74	1,373.85	978.32	395.53	3.473			
17,200.00	7,154.50	7,119.50	7,119.50	156.39	246.82	-89.89	2,145.00	9,396.74	1,408.07	1,014.34	393.73	3.576			
17,300.00	7,154.03	7,119.03	7,119.03	157.88	246.80	-89.87	2,145.00	9,396.74	1,448.39	1,056.95	391.45	3.700			
17,400.00	7,153.57	7,118.57	7,118.57	159.36	246.79	-89.85	2,145.00	9,396.74	1,494.33	1,105.54	388.79	3.844			
17,500.00	7,153.10	7,118.10	7,118.10	160.85	246.77	-89.83	2,145.00	9,396.74	1,545.39	1,159.52	385.87	4.005			
17,600.00	7,152.64	7,117.64	7,117.64	162.34	246.75	-89.81	2,145.00	9,396.74	1,601.07	1,218.29	382.78	4.183			
17,700.00	7,152.17	7,117.17	7,117.17	163.83	246.74	-89.79	2,145.00	9,396.74	1,660.91	1,281.31	379.59	4.375			
17,737.15	7,152.00	7,117.00	7,117.00	164.38	246.73	-89.78	2,145.00	9,396.74	1,684.11	1,305.71	378.40	4.451			

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma													Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	62.03	1,193.57	2,247.18	2,544.52					
100.00	100.00	88.00	88.00	3.28	3.62	62.03	1,193.57	2,247.18	2,544.49	2,537.58	6.91	368.447		
200.00	200.00	188.00	188.00	3.34	5.83	62.03	1,193.57	2,247.18	2,544.49	2,535.33	9.16	277.686		
300.00	300.00	288.00	288.00	3.44	8.93	62.03	1,193.57	2,247.18	2,544.49	2,532.11	12.37	205.629		
400.00	400.00	388.00	388.00	3.60	12.25	62.03	1,193.57	2,247.18	2,544.49	2,528.64	15.85	160.578		
500.00	499.99	487.99	487.99	3.80	15.64	122.04	1,193.57	2,247.18	2,544.95	2,525.52	19.44	130.939		
600.00	599.96	587.96	587.96	4.03	19.06	122.08	1,193.57	2,247.18	2,546.34	2,523.24	23.10	110.244		
700.00	699.86	687.86	687.86	4.30	22.51	122.14	1,193.57	2,247.18	2,548.66	2,521.85	26.81	95.071		
790.00	789.74	777.74	777.74	4.57	25.62	122.23	1,193.57	2,247.18	2,551.17	2,520.99	30.18	84.534		
800.00	799.73	787.73	787.73	4.60	25.96	119.10	1,193.57	2,247.18	2,551.44	2,520.89	30.56	83.503		
900.00	899.50	887.50	887.50	4.92	29.42	98.12	1,193.57	2,247.18	2,553.33	2,519.00	34.33	74.378		
1,000.00	999.05	987.05	987.05	5.26	32.88	88.13	1,193.57	2,247.18	2,553.71	2,515.59	38.12	66.994		
1,077.14	1,075.61	1,063.61	1,063.61	5.53	35.54	83.75	1,193.57	2,247.18	2,552.99	2,511.95	41.05	62.198		
1,100.00	1,098.26	1,086.26	1,086.26	5.61	36.32	83.81	1,193.57	2,247.18	2,552.66	2,510.74	41.91	60.901		
1,200.00	1,197.35	1,185.35	1,185.35	5.98	39.77	84.11	1,193.57	2,247.18	2,551.22	2,505.50	45.72	55.799		
1,300.00	1,296.44	1,284.44	1,284.44	6.35	43.22	84.41	1,193.57	2,247.18	2,549.86	2,500.32	49.54	51.468		
1,400.00	1,395.52	1,383.52	1,383.52	6.73	46.67	84.71	1,193.57	2,247.18	2,548.57	2,495.20	53.37	47.749		
1,500.00	1,494.61	1,482.61	1,482.61	7.12	50.12	85.01	1,193.57	2,247.18	2,547.36	2,490.14	57.21	44.523		
1,600.00	1,593.70	1,581.70	1,581.70	7.52	53.57	85.31	1,193.57	2,247.18	2,546.21	2,485.14	61.06	41.698		
1,700.00	1,692.78	1,680.78	1,680.78	7.93	57.03	85.61	1,193.57	2,247.18	2,545.13	2,480.21	64.92	39.206		
1,800.00	1,791.87	1,779.87	1,779.87	8.33	60.48	85.91	1,193.57	2,247.18	2,544.12	2,475.35	68.78	36.991		
1,900.00	1,890.95	1,878.95	1,878.95	8.75	63.93	86.21	1,193.57	2,247.18	2,543.19	2,470.55	72.64	35.010		
2,000.00	1,990.04	1,978.04	1,978.04	9.16	67.39	86.51	1,193.57	2,247.18	2,542.32	2,465.81	76.51	33.229		
2,100.00	2,089.13	2,077.13	2,077.13	9.58	70.84	86.81	1,193.57	2,247.18	2,541.53	2,461.15	80.38	31.618		
2,200.00	2,188.21	2,176.21	2,176.21	10.01	74.30	87.11	1,193.57	2,247.18	2,540.81	2,456.55	84.26	30.156		
2,300.00	2,287.30	2,275.30	2,275.30	10.43	77.75	87.41	1,193.57	2,247.18	2,540.16	2,452.03	88.13	28.821		
2,400.00	2,386.39	2,374.39	2,374.39	10.86	81.21	87.71	1,193.57	2,247.18	2,539.58	2,447.57	92.01	27.600		
2,500.00	2,485.47	2,473.47	2,473.47	11.29	84.67	88.01	1,193.57	2,247.18	2,539.07	2,443.18	95.90	26.477		
2,600.00	2,584.56	2,572.56	2,572.56	11.72	88.12	88.32	1,193.57	2,247.18	2,538.64	2,438.86	99.78	25.442		
2,700.00	2,683.65	2,671.65	2,671.65	12.15	91.58	88.62	1,193.57	2,247.18	2,538.27	2,434.61	103.67	24.485		
2,800.00	2,782.73	2,770.73	2,770.73	12.58	95.04	88.92	1,193.57	2,247.18	2,537.98	2,430.43	107.55	23.598		
2,900.00	2,881.82	2,869.82	2,869.82	13.02	98.49	89.22	1,193.57	2,247.18	2,537.76	2,426.32	111.44	22.772		
3,000.00	2,980.91	2,968.91	2,968.91	13.45	101.95	89.52	1,193.57	2,247.18	2,537.61	2,422.28	115.33	22.003		
3,100.00	3,079.99	3,067.99	3,067.99	13.89	105.41	89.82	1,193.57	2,247.18	2,537.53	2,418.31	119.22	21.284		
3,158.20	3,137.67	3,125.67	3,125.67	14.14	107.42	90.00	1,193.57	2,247.18	2,537.52	2,416.04	121.49	20.887		
3,200.00	3,179.08	3,167.08	3,167.08	14.33	108.87	90.13	1,193.57	2,247.18	2,537.53	2,414.42	123.11	20.611		
3,300.00	3,278.17	3,266.17	3,266.17	14.76	112.32	90.43	1,193.57	2,247.18	2,537.59	2,410.59	127.00	19.980		
3,400.00	3,377.25	3,365.25	3,365.25	15.20	115.78	90.73	1,193.57	2,247.18	2,537.73	2,406.83	130.90	19.387		
3,500.00	3,476.34	3,464.34	3,464.34	15.64	119.24	91.03	1,193.57	2,247.18	2,537.94	2,403.15	134.79	18.829		
3,600.00	3,575.43	3,563.43	3,563.43	16.08	122.70	91.33	1,193.57	2,247.18	2,538.22	2,399.53	138.69	18.302		
3,700.00	3,674.51	3,662.51	3,662.51	16.53	126.16	91.63	1,193.57	2,247.18	2,538.57	2,395.99	142.58	17.804		
3,800.00	3,773.60	3,761.60	3,761.60	16.97	129.61	91.94	1,193.57	2,247.18	2,539.00	2,392.52	146.48	17.334		
3,900.00	3,872.69	3,860.69	3,860.69	17.41	133.07	92.24	1,193.57	2,247.18	2,539.49	2,389.12	150.37	16.888		
4,000.00	3,971.77	3,959.77	3,959.77	17.85	136.53	92.54	1,193.57	2,247.18	2,540.06	2,385.79	154.27	16.465		
4,100.00	4,070.86	4,058.86	4,058.86	18.29	139.99	92.84	1,193.57	2,247.18	2,540.70	2,382.53	158.17	16.063		
4,200.00	4,169.95	4,157.95	4,157.95	18.74	143.45	93.14	1,193.57	2,247.18	2,541.41	2,379.34	162.06	15.681		
4,300.00	4,269.03	4,257.03	4,257.03	19.18	146.90	93.44	1,193.57	2,247.18	2,542.19	2,376.23	165.96	15.318		
4,400.00	4,368.12	4,356.12	4,356.12	19.63	150.36	93.74	1,193.57	2,247.18	2,543.04	2,373.18	169.86	14.971		
4,500.00	4,467.21	4,455.21	4,455.21	20.07	153.82	94.04	1,193.57	2,247.18	2,543.96	2,370.21	173.76	14.641		
4,600.00	4,566.29	4,554.29	4,554.29	20.52	157.28	94.34	1,193.57	2,247.18	2,544.96	2,367.30	177.66	14.325		
4,700.00	4,665.38	4,653.38	4,653.38	20.96	160.74	94.64	1,193.57	2,247.18	2,546.03	2,364.47	181.56	14.023		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,800.00	4,764.47	4,752.47	4,752.47	21.41	164.20	94.94	1,193.57	2,247.18	2,547.16	2,361.70	185.46	13.735			
4,900.00	4,863.55	4,851.55	4,851.55	21.85	167.65	95.24	1,193.57	2,247.18	2,548.37	2,359.01	189.36	13.458			
5,000.00	4,962.64	4,950.64	4,950.64	22.30	171.11	95.54	1,193.57	2,247.18	2,549.65	2,356.39	193.26	13.193			
5,100.00	5,061.73	5,049.73	5,049.73	22.74	174.57	95.84	1,193.57	2,247.18	2,551.00	2,353.84	197.16	12.939			
5,200.00	5,160.81	5,148.81	5,148.81	23.19	178.03	96.14	1,193.57	2,247.18	2,552.42	2,351.36	201.06	12.695			
5,300.00	5,259.90	5,247.90	5,247.90	23.64	181.49	96.43	1,193.57	2,247.18	2,553.91	2,348.95	204.96	12.461			
5,400.00	5,358.99	5,346.99	5,346.99	24.08	184.95	96.73	1,193.57	2,247.18	2,555.47	2,346.61	208.86	12.235			
5,500.00	5,458.07	5,446.07	5,446.07	24.53	188.41	97.03	1,193.57	2,247.18	2,557.10	2,344.34	212.76	12.019			
5,600.00	5,557.16	5,545.16	5,545.16	24.98	191.86	97.33	1,193.57	2,247.18	2,558.80	2,342.14	216.66	11.810			
5,700.00	5,656.25	5,644.25	5,644.25	25.42	195.32	97.62	1,193.57	2,247.18	2,560.57	2,340.01	220.56	11.609			
5,800.00	5,755.33	5,743.33	5,743.33	25.87	198.78	97.92	1,193.57	2,247.18	2,562.41	2,337.94	224.46	11.416			
5,900.00	5,854.42	5,842.42	5,842.42	26.32	202.24	98.22	1,193.57	2,247.18	2,564.32	2,335.95	228.36	11.229			
6,000.00	5,953.51	5,941.51	5,941.51	26.77	205.70	98.51	1,193.57	2,247.18	2,566.30	2,334.03	232.27	11.049			
6,100.00	6,052.59	6,040.59	6,040.59	27.21	209.16	98.81	1,193.57	2,247.18	2,568.34	2,332.18	236.17	10.875			
6,200.00	6,151.68	6,139.68	6,139.68	27.66	212.62	99.10	1,193.57	2,247.18	2,570.46	2,330.39	240.07	10.707			
6,300.00	6,250.76	6,238.76	6,238.76	28.11	216.08	99.39	1,193.57	2,247.18	2,572.65	2,328.68	243.97	10.545			
6,400.00	6,349.85	6,337.85	6,337.85	28.56	219.53	99.69	1,193.57	2,247.18	2,574.90	2,327.03	247.87	10.388			
6,500.00	6,448.94	6,436.94	6,436.94	29.01	222.99	99.98	1,193.57	2,247.18	2,577.23	2,325.45	251.78	10.236			
6,589.36	6,537.48	6,525.48	6,525.48	29.41	226.08	100.24	1,193.57	2,247.18	2,579.36	2,324.10	255.26	10.105			
6,600.00	6,548.03	6,536.03	6,536.03	29.45	226.45	93.42	1,193.57	2,247.18	2,579.53	2,323.85	255.68	10.089			
6,650.00	6,597.61	6,585.61	6,585.61	29.67	228.18	59.39	1,193.57	2,247.18	2,578.00	2,320.37	257.63	10.007			
6,700.00	6,647.01	6,635.01	6,635.01	29.89	229.91	35.29	1,193.57	2,247.18	2,572.62	2,313.06	259.56	9.911			
6,750.00	6,695.92	6,683.92	6,683.92	30.10	231.61	21.98	1,193.57	2,247.18	2,563.43	2,301.95	261.48	9.804			
6,800.00	6,744.04	6,732.04	6,732.04	30.31	233.29	14.30	1,193.57	2,247.18	2,550.48	2,287.13	263.35	9.685			
6,850.00	6,791.07	6,779.07	6,779.07	30.51	234.94	9.38	1,193.57	2,247.18	2,533.85	2,268.67	265.18	9.555			
6,900.00	6,836.72	6,824.72	6,824.72	30.71	236.53	5.93	1,193.57	2,247.18	2,513.62	2,246.68	266.95	9.416			
6,950.00	6,880.71	6,868.71	6,868.71	30.90	238.06	3.28	1,193.57	2,247.18	2,489.94	2,221.30	268.65	9.268			
7,000.00	6,922.77	6,910.77	6,910.77	31.08	239.53	1.08	1,193.57	2,247.18	2,462.94	2,192.68	270.26	9.113			
7,050.00	6,962.63	6,950.63	6,950.63	31.27	240.92	-0.87	1,193.57	2,247.18	2,432.79	2,161.00	271.79	8.951			
7,100.00	7,000.07	6,988.07	6,988.07	31.44	242.23	-2.76	1,193.57	2,247.18	2,399.67	2,126.45	273.22	8.783			
7,150.00	7,034.83	7,022.83	7,022.83	31.62	243.44	-4.69	1,193.57	2,247.18	2,363.79	2,089.25	274.54	8.610			
7,200.00	7,066.72	7,054.72	7,054.72	31.79	244.56	-6.82	1,193.57	2,247.18	2,325.37	2,049.62	275.75	8.433			
7,250.00	7,095.52	7,083.52	7,083.52	31.96	245.56	-9.30	1,193.57	2,247.18	2,284.65	2,007.82	276.83	8.253			
7,300.00	7,121.07	7,109.07	7,109.07	32.13	246.45	-12.35	1,193.57	2,247.18	2,241.88	1,964.10	277.79	8.071			
7,350.00	7,143.21	7,131.21	7,131.21	32.30	247.23	-16.31	1,193.57	2,247.18	2,197.35	1,918.74	278.61	7.887			
7,400.00	7,161.80	7,149.80	7,149.80	32.47	247.88	-21.73	1,193.57	2,247.18	2,151.31	1,872.01	279.29	7.703			
7,450.00	7,176.72	7,164.72	7,164.72	32.64	248.40	-29.54	1,193.57	2,247.18	2,104.07	1,824.23	279.84	7.519			
7,500.00	7,187.89	7,175.89	7,175.89	32.82	248.79	-41.23	1,193.57	2,247.18	2,055.92	1,775.68	280.25	7.336			
7,550.00	7,195.23	7,183.23	7,183.23	32.99	249.04	-58.55	1,193.57	2,247.18	2,007.17	1,726.66	280.51	7.155			
7,600.00	7,198.70	7,186.70	7,186.70	33.17	249.16	-80.96	1,193.57	2,247.18	1,958.14	1,677.50	280.63	6.978			
7,622.60	7,199.00	7,187.00	7,187.00	33.25	249.17	-91.34	1,193.57	2,247.18	1,935.96	1,655.32	280.64	6.898			
7,700.00	7,198.64	7,186.64	7,186.64	33.54	249.16	-91.28	1,193.57	2,247.18	1,860.11	1,579.49	280.62	6.629			
7,800.00	7,198.17	7,186.17	7,186.17	33.98	249.15	-91.21	1,193.57	2,247.18	1,762.31	1,481.71	280.60	6.280			
7,900.00	7,197.71	7,185.71	7,185.71	34.47	249.13	-91.14	1,193.57	2,247.18	1,664.78	1,384.19	280.59	5.933			
8,000.00	7,197.24	7,185.24	7,185.24	35.03	249.11	-91.07	1,193.57	2,247.18	1,567.56	1,286.97	280.59	5.587			
8,100.00	7,196.78	7,184.78	7,184.78	35.64	249.10	-91.00	1,193.57	2,247.18	1,470.70	1,190.11	280.60	5.241			
8,200.00	7,196.31	7,184.31	7,184.31	36.30	249.08	-90.93	1,193.57	2,247.18	1,374.30	1,093.68	280.63	4.897			
8,300.00	7,195.85	7,183.85	7,183.85	37.01	249.06	-90.86	1,193.57	2,247.18	1,278.45	997.77	280.68	4.555			
8,400.00	7,195.38	7,183.38	7,183.38	37.77	249.05	-90.79	1,193.57	2,247.18	1,183.29	902.52	280.77	4.214			
8,500.00	7,194.92	7,182.92	7,182.92	38.57	249.03	-90.72	1,193.57	2,247.18	1,089.00	808.08	280.91	3.877			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
8,600.00	7,194.46	7,182.46	7,182.46	39.41	249.02	-90.65	1,193.57	2,247.18	995.82	714.69	281.13	3.542			
8,700.00	7,193.99	7,181.99	7,181.99	40.30	249.00	-90.58	1,193.57	2,247.18	904.10	622.63	281.46	3.212			
8,800.00	7,193.53	7,181.53	7,181.53	41.22	248.98	-90.51	1,193.57	2,247.18	814.33	532.37	281.96	2.888			
8,900.00	7,193.06	7,181.06	7,181.06	42.17	248.97	-90.44	1,193.57	2,247.18	727.23	444.53	282.70	2.572			
9,000.00	7,192.60	7,180.60	7,180.60	43.16	248.95	-90.37	1,193.57	2,247.18	643.89	360.09	283.81	2.269			
9,100.00	7,192.13	7,180.13	7,180.13	44.17	248.94	-90.30	1,193.57	2,247.18	565.98	280.54	285.44	1.983			
9,200.00	7,191.67	7,179.67	7,179.67	45.22	248.92	-90.23	1,193.57	2,247.18	496.05	208.29	287.76	1.724			
9,300.00	7,191.20	7,179.20	7,179.20	46.29	248.90	-90.16	1,193.57	2,247.18	437.95	147.12	290.83	1.506			
9,400.00	7,190.74	7,178.74	7,178.74	47.38	248.89	-90.09	1,193.57	2,247.18	396.91	102.64	294.27	1.349	Level 3		
9,500.00	7,190.27	7,178.27	7,178.27	48.50	248.87	-90.02	1,193.57	2,247.18	378.51	81.40	297.10	1.274	Level 3		
9,521.34	7,190.17	7,178.17	7,178.17	48.75	248.87	-90.00	1,193.57	2,247.18	377.90	80.39	297.52	1.270	Level 3, CC, ES, SF		
9,600.00	7,189.81	7,177.81	7,177.81	49.64	248.85	-89.94	1,193.57	2,247.18	386.00	87.74	298.27	1.294	Level 3		
9,700.00	7,189.34	7,177.34	7,177.34	50.80	248.84	-89.87	1,193.57	2,247.18	418.01	120.38	297.63	1.404	Level 3		
9,800.00	7,188.88	7,176.88	7,176.88	51.98	248.82	-89.80	1,193.57	2,247.18	469.54	173.56	295.97	1.586			
9,900.00	7,188.41	7,176.41	7,176.41	53.17	248.81	-89.73	1,193.57	2,247.18	534.97	240.91	294.06	1.819			
10,000.00	7,187.95	7,175.95	7,175.95	54.38	248.79	-89.66	1,193.57	2,247.18	609.86	317.55	292.31	2.086			
10,100.00	7,187.49	7,175.49	7,175.49	55.61	248.77	-89.59	1,193.57	2,247.18	691.13	400.29	290.83	2.376			
10,200.00	7,187.02	7,175.02	7,175.02	56.85	248.76	-89.52	1,193.57	2,247.18	776.78	487.15	289.63	2.682			
10,300.00	7,186.56	7,174.56	7,174.56	58.10	248.74	-89.45	1,193.57	2,247.18	865.51	576.86	288.65	2.998			
10,400.00	7,186.09	7,174.09	7,174.09	59.37	248.72	-89.38	1,193.57	2,247.18	956.47	668.61	287.87	3.323			
10,500.00	7,185.63	7,173.63	7,173.63	60.64	248.71	-89.31	1,193.57	2,247.18	1,049.08	761.86	287.23	3.652			
10,600.00	7,185.16	7,173.16	7,173.16	61.93	248.69	-89.24	1,193.57	2,247.18	1,142.93	856.24	286.70	3.987			
10,700.00	7,184.70	7,172.70	7,172.70	63.23	248.68	-89.17	1,193.57	2,247.18	1,237.75	951.49	286.26	4.324			
10,800.00	7,184.23	7,172.23	7,172.23	64.54	248.66	-89.10	1,193.57	2,247.18	1,333.32	1,047.42	285.90	4.664			
10,900.00	7,183.77	7,171.77	7,171.77	65.85	248.64	-89.03	1,193.57	2,247.18	1,429.50	1,143.91	285.60	5.005			
11,000.00	7,183.30	7,171.30	7,171.30	67.18	248.63	-88.96	1,193.57	2,247.18	1,526.17	1,240.84	285.34	5.349			
11,100.00	7,182.84	7,170.84	7,170.84	68.51	248.61	-88.89	1,193.57	2,247.18	1,623.25	1,338.13	285.12	5.693			
11,200.00	7,182.37	7,170.37	7,170.37	69.85	248.59	-88.82	1,193.57	2,247.18	1,720.66	1,435.72	284.93	6.039			
11,300.00	7,181.91	7,169.91	7,169.91	71.20	248.58	-88.75	1,193.57	2,247.18	1,818.35	1,533.57	284.77	6.385			
11,400.00	7,181.45	7,169.45	7,169.45	72.56	248.56	-88.68	1,193.57	2,247.18	1,916.28	1,631.64	284.64	6.732			
11,500.00	7,180.98	7,168.98	7,168.98	73.92	248.55	-88.61	1,193.57	2,247.18	2,014.41	1,729.89	284.52	7.080			
11,600.00	7,180.52	7,168.52	7,168.52	75.29	248.53	-88.54	1,193.57	2,247.18	2,112.71	1,828.30	284.42	7.428			
11,700.00	7,180.05	7,168.05	7,168.05	76.66	248.51	-88.47	1,193.57	2,247.18	2,211.17	1,926.84	284.33	7.777			
11,800.00	7,179.59	7,167.59	7,167.59	78.04	248.50	-88.40	1,193.57	2,247.18	2,309.76	2,025.51	284.25	8.126			
11,900.00	7,179.12	7,167.12	7,167.12	79.42	248.48	-88.32	1,193.57	2,247.18	2,408.47	2,124.28	284.19	8.475			
12,000.00	7,178.66	7,166.66	7,166.66	80.81	248.46	-88.25	1,193.57	2,247.18	2,507.28	2,223.14	284.13	8.824			
12,100.00	7,178.19	7,166.19	7,166.19	82.20	248.45	-88.18	1,193.57	2,247.18	2,606.18	2,322.09	284.09	9.174			
12,200.00	7,177.73	7,165.73	7,165.73	83.60	248.43	-88.11	1,193.57	2,247.18	2,705.16	2,421.11	284.05	9.523			
12,300.00	7,177.26	7,165.26	7,165.26	85.00	248.42	-88.04	1,193.57	2,247.18	2,804.21	2,520.19	284.02	9.873			
12,400.00	7,176.80	7,164.80	7,164.80	86.41	248.40	-87.97	1,193.57	2,247.18	2,903.33	2,619.34	284.00	10.223			
12,500.00	7,176.33	7,164.33	7,164.33	87.82	248.38	-87.90	1,193.57	2,247.18	3,002.51	2,718.53	283.98	10.573			
12,600.00	7,175.87	7,163.87	7,163.87	89.23	248.37	-87.83	1,193.57	2,247.18	3,101.74	2,817.77	283.96	10.923			
12,700.00	7,175.40	7,163.40	7,163.40	90.65	248.35	-87.76	1,193.57	2,247.18	3,201.01	2,917.06	283.95	11.273			
12,800.00	7,174.94	7,162.94	7,162.94	92.07	248.33	-87.69	1,193.57	2,247.18	3,300.33	3,016.39	283.95	11.623			
12,900.00	7,174.48	7,162.48	7,162.48	93.49	248.32	-87.62	1,193.57	2,247.18	3,399.70	3,115.75	283.95	11.973			
13,000.00	7,174.01	7,162.01	7,162.01	94.91	248.30	-87.55	1,193.57	2,247.18	3,499.09	3,215.14	283.95	12.323			
13,100.00	7,173.55	7,161.55	7,161.55	96.34	248.29	-87.48	1,193.57	2,247.18	3,598.52	3,314.56	283.96	12.673			
13,200.00	7,173.08	7,161.08	7,161.08	97.77	248.27	-87.41	1,193.57	2,247.18	3,697.98	3,414.02	283.97	13.023			
13,300.00	7,172.62	7,160.62	7,160.62	99.21	248.25	-87.34	1,193.57	2,247.18	3,797.47	3,513.49	283.98	13.372			
13,400.00	7,172.15	7,160.15	7,160.15	100.64	248.24	-87.27	1,193.57	2,247.18	3,896.99	3,612.99	284.00	13.722			
13,500.00	7,171.69	7,159.69	7,159.69	102.08	248.22	-87.20	1,193.57	2,247.18	3,996.53	3,712.51	284.02	14.072			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design LEFFLER 8-21 PAD - RUTT-ADAMS HEIRS #2-22 - OH - OH												Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma												Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
13,600.00	7,171.22	7,159.22	7,159.22	103.52	248.21	-87.13	1,193.57	2,247.18	4,096.09	3,812.05	284.04	14.421	
13,700.00	7,170.76	7,158.76	7,158.76	104.97	248.19	-87.06	1,193.57	2,247.18	4,195.67	3,911.61	284.06	14.770	
13,800.00	7,170.29	7,158.29	7,158.29	106.41	248.17	-86.99	1,193.57	2,247.18	4,295.27	4,011.19	284.09	15.120	
13,900.00	7,169.83	7,157.83	7,157.83	107.86	248.16	-86.92	1,193.57	2,247.18	4,394.89	4,110.78	284.11	15.469	
14,000.00	7,169.36	7,157.36	7,157.36	109.31	248.14	-86.85	1,193.57	2,247.18	4,494.53	4,210.38	284.15	15.818	
14,100.00	7,168.90	7,156.90	7,156.90	110.76	248.12	-86.78	1,193.57	2,247.18	4,594.18	4,310.01	284.18	16.167	
14,200.00	7,168.44	7,156.44	7,156.44	112.21	248.11	-86.71	1,193.57	2,247.18	4,693.85	4,409.64	284.21	16.515	
14,300.00	7,167.97	7,155.97	7,155.97	113.67	248.09	-86.64	1,193.57	2,247.18	4,793.53	4,509.28	284.25	16.864	
14,400.00	7,167.51	7,155.51	7,155.51	115.12	248.08	-86.57	1,193.57	2,247.18	4,893.22	4,608.94	284.29	17.212	
14,500.00	7,167.04	7,155.04	7,155.04	116.58	248.06	-86.50	1,193.57	2,247.18	4,992.93	4,708.61	284.33	17.561	
14,600.00	7,166.58	7,154.58	7,154.58	118.04	248.04	-86.43	1,193.57	2,247.18	5,092.65	4,808.28	284.37	17.909	
14,700.00	7,166.11	7,154.11	7,154.11	119.50	248.03	-86.36	1,193.57	2,247.18	5,192.38	4,907.97	284.41	18.257	
14,800.00	7,165.65	7,153.65	7,153.65	120.97	248.01	-86.29	1,193.57	2,247.18	5,292.12	5,007.66	284.45	18.604	
14,900.00	7,165.18	7,153.18	7,153.18	122.43	247.99	-86.22	1,193.57	2,247.18	5,391.86	5,107.36	284.50	18.952	
15,000.00	7,164.72	7,152.72	7,152.72	123.90	247.98	-86.15	1,193.57	2,247.18	5,491.62	5,207.07	284.55	19.299	
15,100.00	7,164.25	7,152.25	7,152.25	125.36	247.96	-86.08	1,193.57	2,247.18	5,591.39	5,306.79	284.60	19.647	
15,200.00	7,163.79	7,151.79	7,151.79	126.83	247.95	-86.01	1,193.57	2,247.18	5,691.16	5,406.51	284.65	19.994	
15,300.00	7,163.32	7,151.32	7,151.32	128.30	247.93	-85.94	1,193.57	2,247.18	5,790.94	5,506.25	284.70	20.341	
15,400.00	7,162.86	7,150.86	7,150.86	129.77	247.91	-85.87	1,193.57	2,247.18	5,890.73	5,605.98	284.75	20.687	
15,500.00	7,162.39	7,150.39	7,150.39	131.24	247.90	-85.80	1,193.57	2,247.18	5,990.53	5,705.72	284.81	21.034	
15,600.00	7,161.93	7,149.93	7,149.93	132.71	247.88	-85.73	1,193.57	2,247.18	6,090.33	5,805.47	284.86	21.380	
15,700.00	7,161.47	7,149.47	7,149.47	134.19	247.86	-85.66	1,193.57	2,247.18	6,190.14	5,905.22	284.92	21.726	
15,800.00	7,161.00	7,149.00	7,149.00	135.66	247.85	-85.59	1,193.57	2,247.18	6,289.96	6,004.98	284.98	22.072	
15,900.00	7,160.54	7,148.54	7,148.54	137.14	247.83	-85.52	1,193.57	2,247.18	6,389.78	6,104.74	285.04	22.417	
16,000.00	7,160.07	7,148.07	7,148.07	138.61	247.82	-85.45	1,193.57	2,247.18	6,489.61	6,204.51	285.10	22.763	
16,100.00	7,159.61	7,147.61	7,147.61	140.09	247.80	-85.38	1,193.57	2,247.18	6,589.44	6,304.28	285.16	23.108	
16,200.00	7,159.14	7,147.14	7,147.14	141.57	247.78	-85.31	1,193.57	2,247.18	6,689.27	6,404.05	285.22	23.453	
16,300.00	7,158.68	7,146.68	7,146.68	143.05	247.77	-85.24	1,193.57	2,247.18	6,789.12	6,503.83	285.28	23.798	
16,400.00	7,158.21	7,146.21	7,146.21	144.53	247.75	-85.17	1,193.57	2,247.18	6,888.96	6,603.61	285.35	24.142	
16,500.00	7,157.75	7,145.75	7,145.75	146.01	247.73	-85.10	1,193.57	2,247.18	6,988.81	6,703.40	285.41	24.487	
16,600.00	7,157.28	7,145.28	7,145.28	147.49	247.72	-85.03	1,193.57	2,247.18	7,088.67	6,803.19	285.48	24.831	
16,700.00	7,156.82	7,144.82	7,144.82	148.97	247.70	-84.96	1,193.57	2,247.18	7,188.53	6,902.98	285.55	25.174	
16,800.00	7,156.35	7,144.35	7,144.35	150.45	247.69	-84.89	1,193.57	2,247.18	7,288.39	7,002.77	285.62	25.518	
16,900.00	7,155.89	7,143.89	7,143.89	151.94	247.67	-84.82	1,193.57	2,247.18	7,388.25	7,102.57	285.69	25.861	
17,000.00	7,155.43	7,143.43	7,143.43	153.42	247.65	-84.75	1,193.57	2,247.18	7,488.12	7,202.37	285.76	26.204	
17,100.00	7,154.96	7,142.96	7,142.96	154.90	247.64	-84.68	1,193.57	2,247.18	7,588.00	7,302.17	285.83	26.547	
17,200.00	7,154.50	7,142.50	7,142.50	156.39	247.62	-84.61	1,193.57	2,247.18	7,687.87	7,401.97	285.90	26.890	
17,300.00	7,154.03	7,142.03	7,142.03	157.88	247.61	-84.54	1,193.57	2,247.18	7,787.75	7,501.78	285.98	27.232	
17,400.00	7,153.57	7,141.57	7,141.57	159.36	247.59	-84.47	1,193.57	2,247.18	7,887.64	7,601.59	286.05	27.574	
17,500.00	7,153.10	7,141.10	7,141.10	160.85	247.57	-84.40	1,193.57	2,247.18	7,987.52	7,701.40	286.12	27.916	
17,600.00	7,152.64	7,140.64	7,140.64	162.34	247.56	-84.33	1,193.57	2,247.18	8,087.41	7,801.21	286.20	28.258	
17,700.00	7,152.17	7,140.17	7,140.17	163.83	247.54	-84.26	1,193.57	2,247.18	8,187.30	7,901.02	286.28	28.599	
17,737.15	7,152.00	7,140.00	7,140.00	164.38	247.53	-84.23	1,193.57	2,247.18	8,224.41	7,938.11	286.31	28.726	

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	107.13	-1,513.92	4,910.51	5,138.77						
100.00	100.00	56.00	56.00	3.28	3.42	107.13	-1,513.92	4,910.51	5,138.59	5,131.88	6.71	766.186			
200.00	200.00	156.00	156.00	3.34	4.94	107.13	-1,513.92	4,910.51	5,138.59	5,130.31	8.28	620.609			
300.00	300.00	256.00	256.00	3.44	7.90	107.13	-1,513.92	4,910.51	5,138.59	5,127.24	11.35	452.910			
400.00	400.00	356.00	356.00	3.60	11.17	107.13	-1,513.92	4,910.51	5,138.59	5,123.81	14.77	347.825			
500.00	499.99	455.99	455.99	3.80	14.55	167.13	-1,513.92	4,910.51	5,139.44	5,121.09	18.35	280.141			
600.00	599.96	555.96	555.96	4.03	17.97	167.14	-1,513.92	4,910.51	5,141.99	5,119.99	22.00	233.743			
700.00	699.86	655.86	655.86	4.30	21.40	167.14	-1,513.92	4,910.51	5,146.24	5,120.54	25.70	200.206			
790.00	789.74	745.74	745.74	4.57	24.51	167.15	-1,513.92	4,910.51	5,150.83	5,121.76	29.07	177.166			
800.00	799.73	755.73	755.73	4.60	24.85	164.01	-1,513.92	4,910.51	5,151.35	5,121.90	29.45	174.922			
900.00	899.50	855.50	855.50	4.92	28.31	142.84	-1,513.92	4,910.51	5,157.13	5,123.91	33.22	155.233			
1,000.00	999.05	955.05	955.05	5.26	31.77	132.59	-1,513.92	4,910.51	5,164.03	5,127.02	37.01	139.529			
1,077.14	1,075.61	1,031.61	1,031.61	5.53	34.42	127.95	-1,513.92	4,910.51	5,170.13	5,130.19	39.94	129.454			
1,100.00	1,098.26	1,054.26	1,054.26	5.61	35.21	127.98	-1,513.92	4,910.51	5,172.03	5,131.23	40.81	126.747			
1,200.00	1,197.35	1,153.35	1,153.35	5.98	38.66	128.09	-1,513.92	4,910.51	5,180.39	5,135.78	44.61	116.122			
1,300.00	1,296.44	1,252.44	1,252.44	6.35	42.11	128.21	-1,513.92	4,910.51	5,188.77	5,140.34	48.43	107.138			
1,400.00	1,395.52	1,351.52	1,351.52	6.73	45.55	128.32	-1,513.92	4,910.51	5,197.17	5,144.91	52.26	99.447			
1,500.00	1,494.61	1,450.61	1,450.61	7.12	49.01	128.44	-1,513.92	4,910.51	5,205.59	5,149.49	56.10	92.792			
1,600.00	1,593.70	1,549.70	1,549.70	7.52	52.46	128.56	-1,513.92	4,910.51	5,214.03	5,154.08	59.95	86.978			
1,700.00	1,692.78	1,648.78	1,648.78	7.93	55.91	128.67	-1,513.92	4,910.51	5,222.49	5,158.69	63.80	81.857			
1,800.00	1,791.87	1,747.87	1,747.87	8.33	59.36	128.79	-1,513.92	4,910.51	5,230.97	5,163.32	67.66	77.314			
1,900.00	1,890.95	1,846.95	1,846.95	8.75	62.82	128.90	-1,513.92	4,910.51	5,239.48	5,167.96	71.52	73.257			
2,000.00	1,990.04	1,946.04	1,946.04	9.16	66.27	129.01	-1,513.92	4,910.51	5,248.00	5,172.61	75.39	69.612			
2,100.00	2,089.13	2,045.13	2,045.13	9.58	69.73	129.13	-1,513.92	4,910.51	5,256.55	5,177.29	79.26	66.320			
2,200.00	2,188.21	2,144.21	2,144.21	10.01	73.18	129.24	-1,513.92	4,910.51	5,265.12	5,181.98	83.14	63.332			
2,300.00	2,287.30	2,243.30	2,243.30	10.43	76.64	129.35	-1,513.92	4,910.51	5,273.71	5,186.69	87.01	60.609			
2,400.00	2,386.39	2,342.39	2,342.39	10.86	80.09	129.47	-1,513.92	4,910.51	5,282.31	5,191.42	90.89	58.117			
2,500.00	2,485.47	2,441.47	2,441.47	11.29	83.55	129.58	-1,513.92	4,910.51	5,290.94	5,196.17	94.77	55.828			
2,600.00	2,584.56	2,540.56	2,540.56	11.72	87.01	129.69	-1,513.92	4,910.51	5,299.59	5,200.93	98.66	53.718			
2,700.00	2,683.65	2,639.65	2,639.65	12.15	90.46	129.80	-1,513.92	4,910.51	5,308.26	5,205.72	102.54	51.767			
2,800.00	2,782.73	2,738.73	2,738.73	12.58	93.92	129.91	-1,513.92	4,910.51	5,316.95	5,210.52	106.43	49.958			
2,900.00	2,881.82	2,837.82	2,837.82	13.02	97.38	130.02	-1,513.92	4,910.51	5,325.66	5,215.34	110.32	48.277			
3,000.00	2,980.91	2,936.91	2,936.91	13.45	100.84	130.13	-1,513.92	4,910.51	5,334.39	5,220.18	114.20	46.709			
3,100.00	3,079.99	3,035.99	3,035.99	13.89	104.29	130.24	-1,513.92	4,910.51	5,343.13	5,225.04	118.09	45.245			
3,200.00	3,179.08	3,135.08	3,135.08	14.33	107.75	130.35	-1,513.92	4,910.51	5,351.90	5,229.92	121.99	43.873			
3,300.00	3,278.17	3,234.17	3,234.17	14.76	111.21	130.46	-1,513.92	4,910.51	5,360.69	5,234.81	125.88	42.586			
3,400.00	3,377.25	3,333.25	3,333.25	15.20	114.67	130.57	-1,513.92	4,910.51	5,369.50	5,239.73	129.77	41.377			
3,500.00	3,476.34	3,432.34	3,432.34	15.64	118.12	130.68	-1,513.92	4,910.51	5,378.32	5,244.66	133.66	40.237			
3,600.00	3,575.43	3,531.43	3,531.43	16.08	121.58	130.79	-1,513.92	4,910.51	5,387.17	5,249.61	137.56	39.163			
3,700.00	3,674.51	3,630.51	3,630.51	16.53	125.04	130.90	-1,513.92	4,910.51	5,396.03	5,254.58	141.45	38.147			
3,800.00	3,773.60	3,729.60	3,729.60	16.97	128.50	131.00	-1,513.92	4,910.51	5,404.92	5,259.57	145.35	37.186			
3,900.00	3,872.69	3,828.69	3,828.69	17.41	131.95	131.11	-1,513.92	4,910.51	5,413.82	5,264.58	149.25	36.274			
4,000.00	3,971.77	3,927.77	3,927.77	17.85	135.41	131.22	-1,513.92	4,910.51	5,422.74	5,269.60	153.14	35.410			
4,100.00	4,070.86	4,026.86	4,026.86	18.29	138.87	131.32	-1,513.92	4,910.51	5,431.69	5,274.65	157.04	34.588			
4,200.00	4,169.95	4,125.95	4,125.95	18.74	142.33	131.43	-1,513.92	4,910.51	5,440.65	5,279.71	160.94	33.806			
4,300.00	4,269.03	4,225.03	4,225.03	19.18	145.79	131.54	-1,513.92	4,910.51	5,449.62	5,284.79	164.84	33.061			
4,400.00	4,368.12	4,324.12	4,324.12	19.63	149.25	131.64	-1,513.92	4,910.51	5,458.62	5,289.89	168.73	32.350			
4,500.00	4,467.21	4,423.21	4,423.21	20.07	152.70	131.75	-1,513.92	4,910.51	5,467.64	5,295.00	172.63	31.672			
4,600.00	4,566.29	4,522.29	4,522.29	20.52	156.16	131.85	-1,513.92	4,910.51	5,476.67	5,300.14	176.53	31.024			
4,700.00	4,665.38	4,621.38	4,621.38	20.96	159.62	131.95	-1,513.92	4,910.51	5,485.72	5,305.29	180.43	30.403			
4,800.00	4,764.47	4,720.47	4,720.47	21.41	163.08	132.06	-1,513.92	4,910.51	5,494.79	5,310.46	184.33	29.809			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														Offset Site Error:	0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma														Offset Well Error:	3.28 ft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
4,900.00	4,863.55	4,819.55	4,819.55	21.85	166.54	132.16	-1,513.92	4,910.51	5,503.88	5,315.65	188.23	29.240			
5,000.00	4,962.64	4,918.64	4,918.64	22.30	170.00	132.27	-1,513.92	4,910.51	5,512.99	5,320.85	192.13	28.694			
5,100.00	5,061.73	5,017.73	5,017.73	22.74	173.45	132.37	-1,513.92	4,910.51	5,522.11	5,326.08	196.03	28.169			
5,200.00	5,160.81	5,116.81	5,116.81	23.19	176.91	132.47	-1,513.92	4,910.51	5,531.25	5,331.32	199.93	27.665			
5,300.00	5,259.90	5,215.90	5,215.90	23.64	180.37	132.57	-1,513.92	4,910.51	5,540.41	5,336.58	203.84	27.181			
5,400.00	5,358.99	5,314.99	5,314.99	24.08	183.83	132.68	-1,513.92	4,910.51	5,549.59	5,341.85	207.74	26.715			
5,500.00	5,458.07	5,414.07	5,414.07	24.53	187.29	132.78	-1,513.92	4,910.51	5,558.78	5,347.15	211.64	26.266			
5,600.00	5,557.16	5,513.16	5,513.16	24.98	190.75	132.88	-1,513.92	4,910.51	5,568.00	5,352.46	215.54	25.833			
5,700.00	5,656.25	5,612.25	5,612.25	25.42	194.21	132.98	-1,513.92	4,910.51	5,577.23	5,357.78	219.44	25.416			
5,800.00	5,755.33	5,711.33	5,711.33	25.87	197.66	133.08	-1,513.92	4,910.51	5,586.47	5,363.13	223.34	25.013			
5,900.00	5,854.42	5,810.42	5,810.42	26.32	201.12	133.18	-1,513.92	4,910.51	5,595.74	5,368.49	227.25	24.624			
6,000.00	5,953.51	5,909.51	5,909.51	26.77	204.58	133.28	-1,513.92	4,910.51	5,605.02	5,373.87	231.15	24.249			
6,100.00	6,052.59	6,008.59	6,008.59	27.21	208.04	133.38	-1,513.92	4,910.51	5,614.32	5,379.27	235.05	23.886			
6,200.00	6,151.68	6,107.68	6,107.68	27.66	211.50	133.48	-1,513.92	4,910.51	5,623.63	5,384.68	238.95	23.534			
6,300.00	6,250.76	6,206.76	6,206.76	28.11	214.96	133.58	-1,513.92	4,910.51	5,632.97	5,390.11	242.86	23.195			
6,400.00	6,349.85	6,305.85	6,305.85	28.56	218.42	133.68	-1,513.92	4,910.51	5,642.31	5,395.56	246.76	22.866			
6,500.00	6,448.94	6,404.94	6,404.94	29.01	221.88	133.78	-1,513.92	4,910.51	5,651.68	5,401.02	250.66	22.547			
6,589.36	6,537.48	6,506.52	6,493.48	29.41	225.42	133.86	-1,513.92	4,910.51	5,660.06	5,405.46	254.61	22.231			
6,600.00	6,548.03	6,504.03	6,504.03	29.45	225.33	126.98	-1,513.92	4,910.51	5,660.98	5,406.42	254.57	22.238			
6,650.00	6,597.61	6,553.61	6,553.61	29.67	227.07	92.83	-1,513.92	4,910.51	5,663.12	5,406.60	256.51	22.077			
6,700.00	6,647.01	6,603.01	6,603.01	29.89	228.79	68.82	-1,513.92	4,910.51	5,661.66	5,403.21	258.45	21.906			
6,750.00	6,695.92	6,651.92	6,651.92	30.10	230.50	55.83	-1,513.92	4,910.51	5,656.62	5,396.25	260.36	21.726			
6,800.00	6,744.04	6,700.04	6,700.04	30.31	232.18	48.69	-1,513.92	4,910.51	5,648.03	5,385.80	262.24	21.538			
6,850.00	6,791.07	6,747.07	6,747.07	30.51	233.82	44.56	-1,513.92	4,910.51	5,635.97	5,371.91	264.07	21.343			
6,900.00	6,836.72	6,807.28	6,792.72	30.71	235.92	42.17	-1,513.92	4,910.51	5,620.51	5,354.17	266.35	21.102			
6,950.00	6,880.71	6,836.71	6,836.71	30.90	236.95	40.89	-1,513.92	4,910.51	5,601.76	5,334.22	267.54	20.938			
7,000.00	6,922.77	6,878.77	6,878.77	31.08	238.42	40.41	-1,513.92	4,910.51	5,579.84	5,310.68	269.16	20.730			
7,050.00	6,962.63	6,918.63	6,918.63	31.27	239.81	40.58	-1,513.92	4,910.51	5,554.90	5,284.20	270.70	20.520			
7,100.00	7,000.07	6,956.07	6,956.07	31.44	241.11	41.31	-1,513.92	4,910.51	5,527.10	5,254.96	272.14	20.310			
7,150.00	7,034.83	7,009.17	6,990.83	31.62	242.97	42.59	-1,513.92	4,910.51	5,496.62	5,222.50	274.12	20.052			
7,200.00	7,066.72	7,022.72	7,022.72	31.79	243.44	44.42	-1,513.92	4,910.51	5,463.66	5,188.96	274.71	19.889			
7,250.00	7,095.52	7,051.52	7,051.52	31.96	244.45	46.85	-1,513.92	4,910.51	5,428.44	5,152.62	275.82	19.681			
7,300.00	7,121.07	7,077.07	7,077.07	32.13	245.34	49.94	-1,513.92	4,910.51	5,391.18	5,114.36	276.81	19.476			
7,350.00	7,143.21	7,100.79	7,099.21	32.30	246.17	53.79	-1,513.92	4,910.51	5,352.11	5,074.38	277.73	19.271			
7,400.00	7,161.80	7,117.80	7,117.80	32.47	246.76	58.50	-1,513.92	4,910.51	5,311.48	5,033.07	278.41	19.078			
7,450.00	7,176.72	7,132.72	7,132.72	32.64	247.28	64.14	-1,513.92	4,910.51	5,269.56	4,990.54	279.02	18.886			
7,500.00	7,187.89	7,143.89	7,143.89	32.82	247.67	70.76	-1,513.92	4,910.51	5,226.59	4,947.10	279.49	18.701			
7,550.00	7,195.23	7,151.23	7,151.23	32.99	247.93	78.32	-1,513.92	4,910.51	5,182.85	4,903.03	279.82	18.522			
7,600.00	7,198.70	7,154.70	7,154.70	33.17	248.05	86.61	-1,513.92	4,910.51	5,138.61	4,858.59	280.03	18.351			
7,622.60	7,199.00	7,155.00	7,155.00	33.25	248.06	90.52	-1,513.92	4,910.51	5,118.53	4,838.45	280.07	18.276			
7,700.00	7,198.64	7,154.64	7,154.64	33.54	248.05	90.51	-1,513.92	4,910.51	5,049.80	4,769.61	280.19	18.023			
7,800.00	7,198.17	7,154.17	7,154.17	33.98	248.03	90.50	-1,513.92	4,910.51	4,961.38	4,681.02	280.36	17.696			
7,900.00	7,197.71	7,153.71	7,153.71	34.47	248.01	90.49	-1,513.92	4,910.51	4,873.41	4,592.85	280.56	17.370			
8,000.00	7,197.24	7,153.24	7,153.24	35.03	248.00	90.48	-1,513.92	4,910.51	4,785.91	4,505.12	280.79	17.044			
8,100.00	7,196.78	7,152.78	7,152.78	35.64	247.98	90.46	-1,513.92	4,910.51	4,698.92	4,417.87	281.05	16.719			
8,200.00	7,196.31	7,152.31	7,152.31	36.30	247.96	90.45	-1,513.92	4,910.51	4,612.44	4,331.11	281.33	16.395			
8,300.00	7,195.85	7,151.85	7,151.85	37.01	247.95	90.44	-1,513.92	4,910.51	4,526.53	4,244.88	281.65	16.071			
8,400.00	7,195.38	7,151.38	7,151.38	37.77	247.93	90.43	-1,513.92	4,910.51	4,441.21	4,159.20	282.01	15.748			
8,500.00	7,194.92	7,150.92	7,150.92	38.57	247.92	90.42	-1,513.92	4,910.51	4,356.51	4,074.10	282.41	15.426			
8,600.00	7,194.46	7,150.46	7,150.46	39.41	247.90	90.41	-1,513.92	4,910.51	4,272.47	3,989.63	282.84	15.106			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													LEFFLER 8-21 PAD - SCHAEFER #2-22 - OH - OH		Offset Site Error:		0.00 ft
Survey Program: 100-2" Cone@2.448 Sigma															Offset Well Error:		3.28 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor					
8,700.00	7,193.99	7,149.99	7,149.99	40.30	247.88	90.40	-1,513.92	4,910.51	4,189.13	3,905.82	283.32	14.786					
8,800.00	7,193.53	7,149.53	7,149.53	41.22	247.87	90.38	-1,513.92	4,910.51	4,106.54	3,822.70	283.84	14.468					
8,900.00	7,193.06	7,149.06	7,149.06	42.17	247.85	90.37	-1,513.92	4,910.51	4,024.74	3,740.33	284.41	14.151					
9,000.00	7,192.60	7,148.60	7,148.60	43.16	247.83	90.36	-1,513.92	4,910.51	3,943.77	3,658.74	285.03	13.836					
9,100.00	7,192.13	7,148.13	7,148.13	44.17	247.82	90.35	-1,513.92	4,910.51	3,863.70	3,578.00	285.70	13.524					
9,200.00	7,191.67	7,147.67	7,147.67	45.22	247.80	90.34	-1,513.92	4,910.51	3,784.57	3,498.15	286.43	13.213					
9,300.00	7,191.20	7,147.20	7,147.20	46.29	247.79	90.33	-1,513.92	4,910.51	3,706.46	3,419.25	287.21	12.905					
9,400.00	7,190.74	7,146.74	7,146.74	47.38	247.77	90.32	-1,513.92	4,910.51	3,629.42	3,341.36	288.05	12.600					
9,500.00	7,190.27	7,146.27	7,146.27	48.50	247.75	90.30	-1,513.92	4,910.51	3,553.52	3,264.56	288.96	12.298					
9,600.00	7,189.81	7,145.81	7,145.81	49.64	247.74	90.29	-1,513.92	4,910.51	3,478.84	3,188.91	289.93	11.999					
9,700.00	7,189.34	7,145.34	7,145.34	50.80	247.72	90.28	-1,513.92	4,910.51	3,405.46	3,114.50	290.96	11.704					
9,800.00	7,188.88	7,144.88	7,144.88	51.98	247.70	90.27	-1,513.92	4,910.51	3,333.47	3,041.40	292.06	11.413					
9,900.00	7,188.41	7,144.41	7,144.41	53.17	247.69	90.26	-1,513.92	4,910.51	3,262.95	2,969.71	293.23	11.127					
10,000.00	7,187.95	7,143.95	7,143.95	54.38	247.67	90.25	-1,513.92	4,910.51	3,194.00	2,899.53	294.47	10.846					
10,100.00	7,187.49	7,143.49	7,143.49	55.61	247.66	90.24	-1,513.92	4,910.51	3,126.74	2,830.95	295.78	10.571					
10,200.00	7,187.02	7,143.02	7,143.02	56.85	247.64	90.22	-1,513.92	4,910.51	3,061.26	2,764.10	297.16	10.302					
10,300.00	7,186.56	7,142.56	7,142.56	58.10	247.62	90.21	-1,513.92	4,910.51	2,997.69	2,699.08	298.61	10.039					
10,400.00	7,186.09	7,142.09	7,142.09	59.37	247.61	90.20	-1,513.92	4,910.51	2,936.15	2,636.02	300.12	9.783					
10,500.00	7,185.63	7,141.63	7,141.63	60.64	247.59	90.19	-1,513.92	4,910.51	2,876.77	2,575.07	301.70	9.535					
10,600.00	7,185.16	7,141.16	7,141.16	61.93	247.57	90.18	-1,513.92	4,910.51	2,819.68	2,516.34	303.34	9.295					
10,700.00	7,184.70	7,140.70	7,140.70	63.23	247.56	90.17	-1,513.92	4,910.51	2,765.04	2,460.00	305.04	9.064					
10,800.00	7,184.23	7,140.23	7,140.23	64.54	247.54	90.16	-1,513.92	4,910.51	2,712.98	2,406.19	306.79	8.843					
10,900.00	7,183.77	7,139.77	7,139.77	65.85	247.53	90.15	-1,513.92	4,910.51	2,663.66	2,355.08	308.59	8.632					
11,000.00	7,183.30	7,139.30	7,139.30	67.18	247.51	90.13	-1,513.92	4,910.51	2,617.24	2,306.82	310.42	8.431					
11,100.00	7,182.84	7,138.84	7,138.84	68.51	247.49	90.12	-1,513.92	4,910.51	2,573.86	2,261.58	312.28	8.242					
11,200.00	7,182.37	7,138.37	7,138.37	69.85	247.48	90.11	-1,513.92	4,910.51	2,533.69	2,219.54	314.15	8.065					
11,300.00	7,181.91	7,137.91	7,137.91	71.20	247.46	90.10	-1,513.92	4,910.51	2,496.88	2,180.85	316.03	7.901					
11,400.00	7,181.45	7,137.45	7,137.45	72.56	247.44	90.09	-1,513.92	4,910.51	2,463.58	2,145.68	317.90	7.750					
11,500.00	7,180.98	7,136.98	7,136.98	73.92	247.43	90.08	-1,513.92	4,910.51	2,433.94	2,114.19	319.75	7.612					
11,600.00	7,180.52	7,136.52	7,136.52	75.29	247.41	90.07	-1,513.92	4,910.51	2,408.08	2,086.53	321.56	7.489					
11,700.00	7,180.05	7,136.05	7,136.05	76.66	247.40	90.05	-1,513.92	4,910.51	2,386.15	2,062.83	323.32	7.380					
11,800.00	7,179.59	7,135.59	7,135.59	78.04	247.38	90.04	-1,513.92	4,910.51	2,368.23	2,043.23	325.01	7.287					
11,900.00	7,179.12	7,135.12	7,135.12	79.42	247.36	90.03	-1,513.92	4,910.51	2,354.43	2,027.82	326.61	7.209					
12,000.00	7,178.66	7,134.66	7,134.66	80.81	247.35	90.02	-1,513.92	4,910.51	2,344.82	2,016.69	328.13	7.146					
12,100.00	7,178.19	7,134.19	7,134.19	82.20	247.33	90.01	-1,513.92	4,910.51	2,339.44	2,009.91	329.53	7.099					
12,175.90	7,177.84	7,133.84	7,133.84	83.26	247.32	90.00	-1,513.92	4,910.51	2,338.21	2,007.69	330.52	7.074 CC					
12,200.00	7,177.73	7,133.73	7,133.73	83.60	247.32	90.00	-1,513.92	4,910.51	2,338.33	2,007.52	330.81	7.068 ES					
12,300.00	7,177.26	7,133.26	7,133.26	85.00	247.30	89.99	-1,513.92	4,910.51	2,341.50	2,009.53	331.97	7.053 SF					
12,400.00	7,176.80	7,132.80	7,132.80	86.41	247.28	89.97	-1,513.92	4,910.51	2,348.92	2,015.92	333.00	7.054					
12,500.00	7,176.33	7,132.33	7,132.33	87.82	247.27	89.96	-1,513.92	4,910.51	2,360.56	2,026.68	333.89	7.070					
12,600.00	7,175.87	7,131.87	7,131.87	89.23	247.25	89.95	-1,513.92	4,910.51	2,376.36	2,041.72	334.64	7.101					
12,700.00	7,175.40	7,131.40	7,131.40	90.65	247.23	89.94	-1,513.92	4,910.51	2,396.23	2,060.98	335.25	7.148					
12,800.00	7,174.94	7,130.94	7,130.94	92.07	247.22	89.93	-1,513.92	4,910.51	2,420.07	2,084.34	335.73	7.208					
12,900.00	7,174.48	7,130.48	7,130.48	93.49	247.20	89.92	-1,513.92	4,910.51	2,447.76	2,111.69	336.07	7.283					
13,000.00	7,174.01	7,130.01	7,130.01	94.91	247.19	89.91	-1,513.92	4,910.51	2,479.18	2,142.88	336.30	7.372					
13,100.00	7,173.55	7,129.55	7,129.55	96.34	247.17	89.89	-1,513.92	4,910.51	2,514.19	2,177.78	336.41	7.474					
13,200.00	7,173.08	7,129.08	7,129.08	97.77	247.15	89.88	-1,513.92	4,910.51	2,552.64	2,216.23	336.42	7.588					
13,300.00	7,172.62	7,128.62	7,128.62	99.21	247.14	89.87	-1,513.92	4,910.51	2,594.38	2,258.05	336.32	7.714					
13,400.00	7,172.15	7,128.15	7,128.15	100.64	247.12	89.86	-1,513.92	4,910.51	2,639.24	2,303.10	336.15	7.852					
13,500.00	7,171.69	7,127.69	7,127.69	102.08	247.10	89.85	-1,513.92	4,910.51	2,687.09	2,351.20	335.89	8.000					
13,600.00	7,171.22	7,127.22	7,127.22	103.52	247.09	89.84	-1,513.92	4,910.51	2,737.74	2,402.18	335.56	8.159					

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

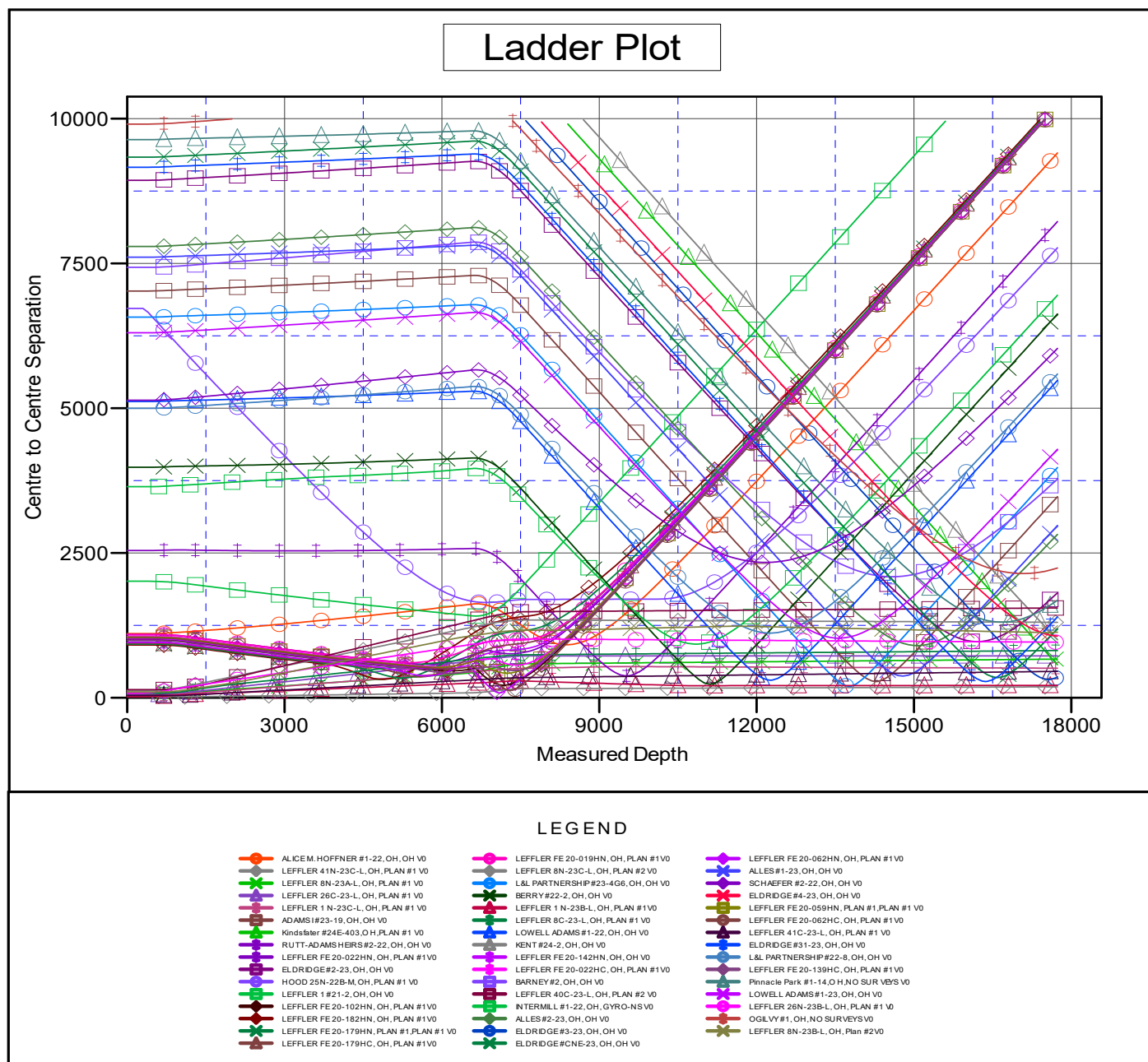
<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design														LEFFLER 8-21 PAD - SCHAEFER #2-22 - OH - OH		Offset Site Error:		0.00 ft	
Survey Program: 100-2" Cone@2.448 Sigma																Offset Well Error:		3.28 ft	
Reference		Offset		Semi Major Axis			Distance							Warning					
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor							
13,700.00	7,170.76	7,126.76	7,126.76	104.97	247.07	89.83	-1,513.92	4,910.51	2,791.07	2,455.89	335.18	8.327							
13,800.00	7,170.29	7,126.29	7,126.29	106.41	247.06	89.82	-1,513.92	4,910.51	2,846.91	2,512.16	334.75	8.505							
13,900.00	7,169.83	7,125.83	7,125.83	107.86	247.04	89.80	-1,513.92	4,910.51	2,905.11	2,570.84	334.27	8.691							
14,000.00	7,169.36	7,125.36	7,125.36	109.31	247.02	89.79	-1,513.92	4,910.51	2,965.55	2,631.79	333.76	8.885							
14,100.00	7,168.90	7,124.90	7,124.90	110.76	247.01	89.78	-1,513.92	4,910.51	3,028.09	2,694.87	333.22	9.087							
14,200.00	7,168.44	7,124.44	7,124.44	112.21	246.99	89.77	-1,513.92	4,910.51	3,092.59	2,759.93	332.66	9.297							
14,300.00	7,167.97	7,123.97	7,123.97	113.67	246.97	89.76	-1,513.92	4,910.51	3,158.94	2,826.86	332.08	9.513							
14,400.00	7,167.51	7,123.51	7,123.51	115.12	246.96	89.75	-1,513.92	4,910.51	3,227.03	2,895.54	331.49	9.735							
14,500.00	7,167.04	7,123.04	7,123.04	116.58	246.94	89.74	-1,513.92	4,910.51	3,296.75	2,965.86	330.89	9.963							
14,600.00	7,166.58	7,122.58	7,122.58	118.04	246.93	89.72	-1,513.92	4,910.51	3,367.99	3,037.70	330.29	10.197							
14,700.00	7,166.11	7,122.11	7,122.11	119.50	246.91	89.71	-1,513.92	4,910.51	3,440.66	3,110.98	329.69	10.436							
14,800.00	7,165.65	7,121.65	7,121.65	120.97	246.89	89.70	-1,513.92	4,910.51	3,514.68	3,185.60	329.08	10.680							
14,900.00	7,165.18	7,121.18	7,121.18	122.43	246.88	89.69	-1,513.92	4,910.51	3,589.96	3,261.47	328.49	10.929							
15,000.00	7,164.72	7,120.72	7,120.72	123.90	246.86	89.68	-1,513.92	4,910.51	3,666.42	3,338.52	327.89	11.182							
15,100.00	7,164.25	7,120.25	7,120.25	125.36	246.84	89.67	-1,513.92	4,910.51	3,743.98	3,416.67	327.31	11.439							
15,200.00	7,163.79	7,119.79	7,119.79	126.83	246.83	89.66	-1,513.92	4,910.51	3,822.59	3,495.86	326.73	11.699							
15,300.00	7,163.32	7,119.32	7,119.32	128.30	246.81	89.64	-1,513.92	4,910.51	3,902.18	3,576.02	326.17	11.964							
15,400.00	7,162.86	7,118.86	7,118.86	129.77	246.80	89.63	-1,513.92	4,910.51	3,982.69	3,657.08	325.61	12.231							
15,500.00	7,162.39	7,118.39	7,118.39	131.24	246.78	89.62	-1,513.92	4,910.51	4,064.07	3,739.00	325.07	12.502							
15,600.00	7,161.93	7,117.93	7,117.93	132.71	246.76	89.61	-1,513.92	4,910.51	4,146.26	3,821.72	324.54	12.776							
15,700.00	7,161.47	7,117.47	7,117.47	134.19	246.75	89.60	-1,513.92	4,910.51	4,229.21	3,905.20	324.02	13.052							
15,800.00	7,161.00	7,117.00	7,117.00	135.66	246.73	89.59	-1,513.92	4,910.51	4,312.89	3,989.38	323.51	13.332							
15,900.00	7,160.54	7,116.54	7,116.54	137.14	246.72	89.58	-1,513.92	4,910.51	4,397.26	4,074.24	323.02	13.613							
16,000.00	7,160.07	7,116.07	7,116.07	138.61	246.70	89.56	-1,513.92	4,910.51	4,482.26	4,159.73	322.54	13.897							
16,100.00	7,159.61	7,115.61	7,115.61	140.09	246.68	89.55	-1,513.92	4,910.51	4,567.87	4,245.81	322.07	14.183							
16,200.00	7,159.14	7,115.14	7,115.14	141.57	246.67	89.54	-1,513.92	4,910.51	4,654.06	4,332.45	321.61	14.471							
16,300.00	7,158.68	7,114.68	7,114.68	143.05	246.65	89.53	-1,513.92	4,910.51	4,740.79	4,419.62	321.17	14.761							
16,400.00	7,158.21	7,114.21	7,114.21	144.53	246.63	89.52	-1,513.92	4,910.51	4,828.03	4,507.29	320.74	15.053							
16,500.00	7,157.75	7,113.75	7,113.75	146.01	246.62	89.51	-1,513.92	4,910.51	4,915.76	4,595.43	320.32	15.346							
16,600.00	7,157.28	7,113.28	7,113.28	147.49	246.60	89.50	-1,513.92	4,910.51	5,003.95	4,684.03	319.92	15.641							
16,700.00	7,156.82	7,112.82	7,112.82	148.97	246.59	89.48	-1,513.92	4,910.51	5,092.57	4,773.04	319.53	15.938							
16,800.00	7,156.35	7,112.35	7,112.35	150.45	246.57	89.47	-1,513.92	4,910.51	5,181.61	4,862.46	319.15	16.236							
16,900.00	7,155.89	7,111.89	7,111.89	151.94	246.55	89.46	-1,513.92	4,910.51	5,271.04	4,952.26	318.78	16.535							
17,000.00	7,155.43	7,111.43	7,111.43	153.42	246.54	89.45	-1,513.92	4,910.51	5,360.85	5,042.43	318.42	16.836							
17,100.00	7,154.96	7,110.96	7,110.96	154.90	246.52	89.44	-1,513.92	4,910.51	5,451.01	5,132.93	318.08	17.137							
17,200.00	7,154.50	7,110.50	7,110.50	156.39	246.50	89.43	-1,513.92	4,910.51	5,541.50	5,223.76	317.74	17.440							
17,300.00	7,154.03	7,110.03	7,110.03	157.88	246.49	89.42	-1,513.92	4,910.51	5,632.32	5,314.91	317.42	17.744							
17,400.00	7,153.57	7,109.57	7,109.57	159.36	246.47	89.41	-1,513.92	4,910.51	5,723.45	5,406.35	317.10	18.049							
17,500.00	7,153.10	7,109.10	7,109.10	160.85	246.46	89.39	-1,513.92	4,910.51	5,814.87	5,498.07	316.80	18.355							
17,600.00	7,152.64	7,108.64	7,108.64	162.34	246.44	89.38	-1,513.92	4,910.51	5,906.56	5,590.06	316.50	18.662							
17,700.00	7,152.17	7,108.17	7,108.17	163.83	246.42	89.37	-1,513.92	4,910.51	5,998.52	5,682.31	316.22	18.970							
17,737.15	7,152.00	7,108.00	7,108.00	164.38	246.42	89.37	-1,513.92	4,910.51	6,032.75	5,716.64	316.11	19.084							

<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	GL 4747 & KB 25
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	True
<b>Reference Wellbore</b>	OH	<b>Database:</b>	Minimum Curvature
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	2.45 sigma
			EDM 5000.14 Single User Db
			Offset Datum

Reference Depths are relative to GL 4747 & KB 25  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.5000000

Coordinates are relative to: LEFFLER 1 C-23-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.47°

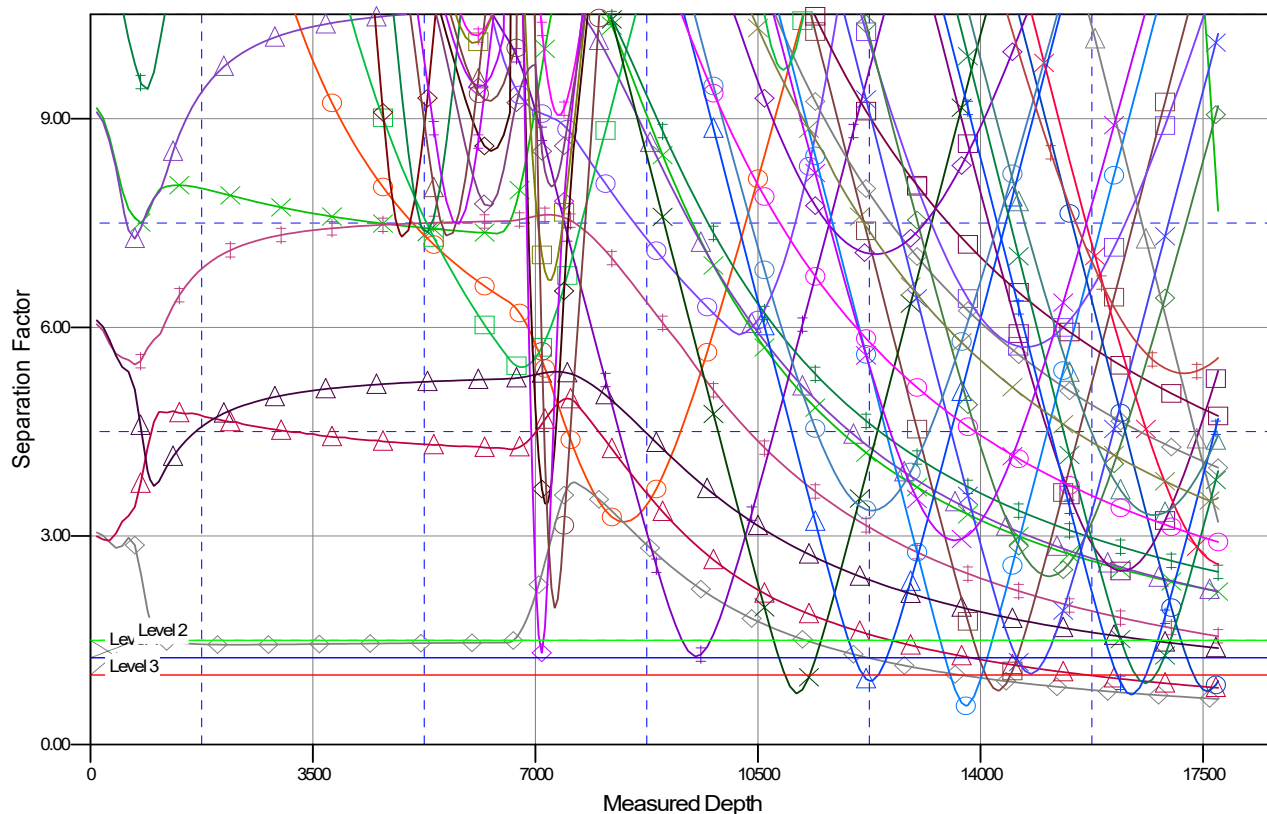


<b>Company:</b>	Synergy Resources Corporation	<b>Local Co-ordinate Reference:</b>	Well LEFFLER 1 C-23-L
<b>Project:</b>	SEC 21 T6N R66W	<b>TVD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Reference Site:</b>	LEFFLER 8-21 PAD	<b>MD Reference:</b>	GL 4747 & KB 25 GL 4747 & KB 25 @ 4773.00ft (ASSUMED)
<b>Site Error:</b>	3.28 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	LEFFLER 1 C-23-L	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 ft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	OH	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	PLAN #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to GL 4747 & KB 25  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.5000000

Coordinates are relative to: LEFFLER 1 C-23-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.47°

## Separation Factor Plot



### LEGEND

ALICEM.HOFFNER #1-22, OH, OH V0	LEFFLER FE 20-019HN, OH, PLAN #1V0	LEFFLER FE 20-062HN, OH, PLAN #1V0
LEFFLER 41N-23C-L, OH, PLAN #1 V0	LEFFLER 8N-23C-L, OH, PLAN #2 V0	ALLES#1-23, OH, OH V0
LEFFLER 8N-23A-L, OH, PLAN #1 V0	L&L PARTNERSHIP#23-4G6, OH, OH V0	SCHAEFER #2-22, OH, OH V0
LEFFLER 26C-23-L, OH, PLAN #1 V0	BERRY #22-2, OH, OH V0	ELDRIDGE#4-23, OH, OH V0
LEFFLER 1 N-23C-L, OH, PLAN #1 V0	LEFFLER 1 N-23B-L, OH, PLAN #1V0	LEFFLER FE 20-059HN, PLAN #1, PLAN #1 V0
ADAMS#23-19, OH, OH V0	LEFFLER 8C-23-L, OH, PLAN #1 V0	LEFFLER FE 20-062HC, OH, PLAN #1V0
KINDSATER #24E-103, OH, PLAN #1 V0	LOWELL ADAMS#1-22, OH, OH V0	LEFFLER 41C-23-L, OH, PLAN #1 V0
RUTT-ADAMSHERS#2-22, OH, OH V0	KENT #24-2, OH, OH V0	ELDRIDGE#31-23, OH, OH V0
LEFFLER FE 20-022HN, OH, PLAN #1V0	LEFFLER FE 20-142HN, OH, OH V0	L&L PARTNERSHIP#22-8, OH, OH V0
ELDRIDGE#2-23, OH, OH V0	LEFFLER FE 20-022HC, OH, PLAN #1V0	LEFFLER FE 20-139HC, OH, PLAN #1V0
HOOD 25N-22B-M, OH, PLAN #1 V0	BARNEY#2, OH, OH V0	Pinnacle Park #1-14, OH, NO SUR VEYS V0
LEFFLER 1 #21-2, OH, OH V0	LEFFLER 40C-23-L, OH, PLAN #2 V0	LOWELL ADAMS#1-23, OH, OH V0
LEFFLER FE 20-102HN, OH, PLAN #1V0	INTERMILL #1-22, OH, GYRO-NSV0	LEFFLER 26N-23B-L, OH, PLAN #1 V0
LEFFLER FE 20-182HN, OH, PLAN #1 V0	ALLES#2-23, OH, OH V0	OGLVY#1, OH, NO SURVEYS V0
LEFFLER FE 20-179HN, OH, PLAN #1, PLAN #1 V0	ELDRIDGE#3-23, OH, OH V0	LEFFLER 8N-23B-L, OH, Plan #2V0
LEFFLER FE 20-179HC, OH, PLAN #1V0	ELDRIDGE#CNE-23, OH, OH V0	