

Synergy Resources

Well Name: **SRC Vista 21-2CHZ**

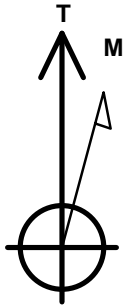
Surface Location: SRC Vista (N/S) Pad Sec.2-T4N-R68W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 5000.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1367576.86	3145255.61	40.341228	-104.978904	
RKB - 13' WELL @ 5013.0ft (RKB - 13')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2083'FSL, 254'FWL	1.0	0.0	0.0	Point
BHL 460'FNL, 2020'FWL	7220.0	2430.0	1582.9	Point
Turn Pt. (21-2CHZ)	7220.0	578.6	1763.4	Point



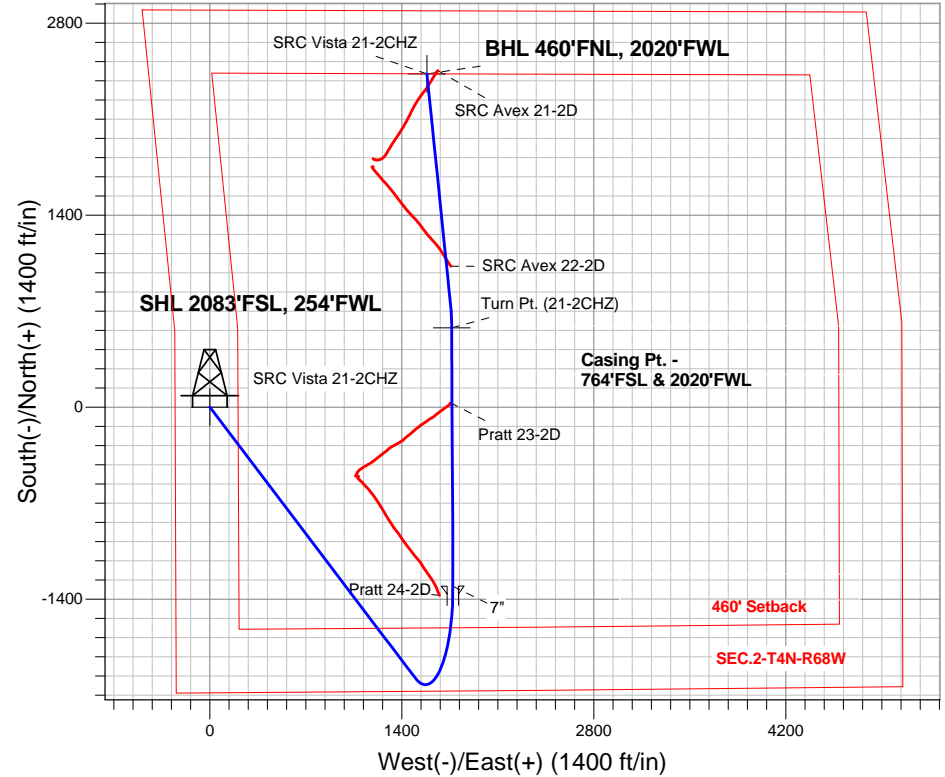
Azimuths to True North
Magnetic North: 8.51°

Magnetic Field
Strength: 52717.6snT
Dip Angle: 66.85°
Date: 11/11/2014
Model: IGRF2010

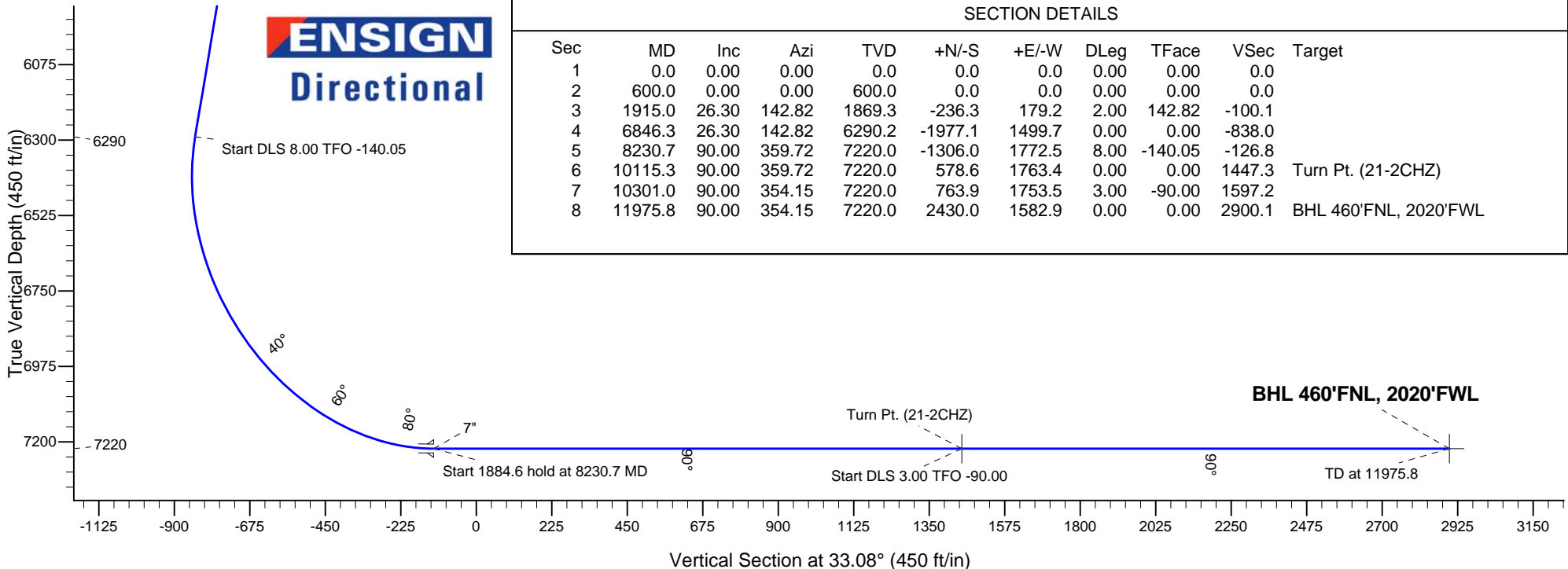
SRC Vista (N/S) Pad Sec.2-T4N-R68W
SRC Vista 21-2CHZ
Plan #1 (11-10-14)
11:10, November 11 2014

ANNOTATIONS

TVD	MD	Annotation
600.0	600.0	KOP - Start Build 2.00
6290.2	6846.3	Start DLS 8.00 TFO -140.05
7220.0	8230.7	Start 1884.6 hold at 8230.7 MD
7220.0	10115.3	Start DLS 3.00 TFO -90.00
7220.0	10301.0	Start 1674.8 hold at 10301.0 MD
7220.0	11975.8	TD at 11975.8



ENSIGN
Directional



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1915.0	26.30	142.82	1869.3	-236.3	179.2	2.00	142.82	-100.1	
4	6846.3	26.30	142.82	6290.2	-1977.1	1499.7	0.00	0.00	-838.0	
5	8230.7	90.00	359.72	7220.0	-1306.0	1772.5	8.00	-140.05	-126.8	
6	10115.3	90.00	359.72	7220.0	578.6	1763.4	0.00	0.00	1447.3	Turn Pt. (21-2CHZ)
7	10301.0	90.00	354.15	7220.0	763.9	1753.5	3.00	-90.00	1597.2	
8	11975.8	90.00	354.15	7220.0	2430.0	1582.9	0.00	0.00	2900.1	BHL 460'FNL, 2020'FWL



Synergy Resources

SEC.2-T4N-R68W

SRC Vista (N/S) Pad Sec.2-T4N-R68W

SRC Vista 21-2CHZ

Wellbore #1

Plan: Plan #1 (11-10-14)

Standard Planning Report

11 November, 2014

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,915.0	26.30	142.82	1,869.3	-236.3	179.2	2.00	2.00	0.00	142.82	
6,846.3	26.30	142.82	6,290.2	-1,977.1	1,499.7	0.00	0.00	0.00	0.00	
8,230.7	90.00	359.72	7,220.0	-1,306.0	1,772.5	8.00	4.60	-10.34	-140.05	
10,115.3	90.00	359.72	7,220.0	578.6	1,763.4	0.00	0.00	0.00	0.00	Turn Pt. (21-2CHZ)
10,301.0	90.00	354.15	7,220.0	763.9	1,753.5	3.00	0.00	-3.00	-90.00	
11,975.8	90.00	354.15	7,220.0	2,430.0	1,582.9	0.00	0.00	0.00	0.00	BHL 460'FNL, 2020

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-10-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 2083'FSL, 254'FWL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 2.00									
700.0	2.00	142.82	700.0	-1.4	1.1	-0.6	2.00	2.00	0.00
800.0	4.00	142.82	799.8	-5.6	4.2	-2.4	2.00	2.00	0.00
900.0	6.00	142.82	899.5	-12.5	9.5	-5.3	2.00	2.00	0.00
1,000.0	8.00	142.82	998.7	-22.2	16.8	-9.4	2.00	2.00	0.00
1,100.0	10.00	142.82	1,097.5	-34.7	26.3	-14.7	2.00	2.00	0.00
1,200.0	12.00	142.82	1,195.6	-49.9	37.8	-21.1	2.00	2.00	0.00
1,300.0	14.00	142.82	1,293.1	-67.8	51.4	-28.7	2.00	2.00	0.00
1,400.0	16.00	142.82	1,389.6	-88.4	67.1	-37.5	2.00	2.00	0.00
1,500.0	18.00	142.82	1,485.3	-111.7	84.7	-47.3	2.00	2.00	0.00
1,600.0	20.00	142.82	1,579.8	-137.6	104.4	-58.3	2.00	2.00	0.00
1,700.0	22.00	142.82	1,673.2	-166.2	126.1	-70.4	2.00	2.00	0.00
1,800.0	24.00	142.82	1,765.2	-197.3	149.7	-83.6	2.00	2.00	0.00
1,900.0	26.00	142.82	1,855.8	-231.0	175.2	-97.9	2.00	2.00	0.00
1,915.0	26.30	142.82	1,869.3	-236.3	179.2	-100.1	2.00	2.00	0.00
2,000.0	26.30	142.82	1,945.5	-266.3	202.0	-112.9	0.00	0.00	0.00
2,100.0	26.30	142.82	2,035.2	-301.6	228.8	-127.8	0.00	0.00	0.00
2,200.0	26.30	142.82	2,124.8	-336.9	255.5	-142.8	0.00	0.00	0.00
2,300.0	26.30	142.82	2,214.5	-372.2	282.3	-157.7	0.00	0.00	0.00
2,400.0	26.30	142.82	2,304.1	-407.5	309.1	-172.7	0.00	0.00	0.00
2,500.0	26.30	142.82	2,393.7	-442.8	335.9	-187.7	0.00	0.00	0.00
2,600.0	26.30	142.82	2,483.4	-478.1	362.6	-202.6	0.00	0.00	0.00
2,700.0	26.30	142.82	2,573.0	-513.4	389.4	-217.6	0.00	0.00	0.00
2,800.0	26.30	142.82	2,662.7	-548.7	416.2	-232.6	0.00	0.00	0.00
2,900.0	26.30	142.82	2,752.3	-584.0	443.0	-247.5	0.00	0.00	0.00
3,000.0	26.30	142.82	2,842.0	-619.3	469.8	-262.5	0.00	0.00	0.00
3,100.0	26.30	142.82	2,931.6	-654.6	496.5	-277.4	0.00	0.00	0.00
3,200.0	26.30	142.82	3,021.3	-689.9	523.3	-292.4	0.00	0.00	0.00
3,300.0	26.30	142.82	3,110.9	-725.2	550.1	-307.4	0.00	0.00	0.00
3,400.0	26.30	142.82	3,200.6	-760.5	576.9	-322.3	0.00	0.00	0.00
3,500.0	26.30	142.82	3,290.2	-795.8	603.7	-337.3	0.00	0.00	0.00
3,600.0	26.30	142.82	3,379.9	-831.1	630.4	-352.3	0.00	0.00	0.00
3,700.0	26.30	142.82	3,469.5	-866.4	657.2	-367.2	0.00	0.00	0.00
3,800.0	26.30	142.82	3,559.2	-901.7	684.0	-382.2	0.00	0.00	0.00
3,900.0	26.30	142.82	3,648.8	-937.0	710.8	-397.1	0.00	0.00	0.00
4,000.0	26.30	142.82	3,738.5	-972.3	737.5	-412.1	0.00	0.00	0.00
4,100.0	26.30	142.82	3,828.1	-1,007.6	764.3	-427.1	0.00	0.00	0.00
4,200.0	26.30	142.82	3,917.8	-1,042.9	791.1	-442.0	0.00	0.00	0.00
4,300.0	26.30	142.82	4,007.4	-1,078.2	817.9	-457.0	0.00	0.00	0.00
4,400.0	26.30	142.82	4,097.1	-1,113.5	844.7	-472.0	0.00	0.00	0.00
4,500.0	26.30	142.82	4,186.7	-1,148.8	871.4	-486.9	0.00	0.00	0.00
4,600.0	26.30	142.82	4,276.4	-1,184.1	898.2	-501.9	0.00	0.00	0.00
4,700.0	26.30	142.82	4,366.0	-1,219.4	925.0	-516.8	0.00	0.00	0.00
4,800.0	26.30	142.82	4,455.7	-1,254.7	951.8	-531.8	0.00	0.00	0.00
4,900.0	26.30	142.82	4,545.3	-1,290.0	978.5	-546.8	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-10-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.0	26.30	142.82	4,634.9	-1,325.3	1,005.3	-561.7	0.00	0.00	0.00
5,100.0	26.30	142.82	4,724.6	-1,360.6	1,032.1	-576.7	0.00	0.00	0.00
5,200.0	26.30	142.82	4,814.2	-1,395.9	1,058.9	-591.7	0.00	0.00	0.00
5,300.0	26.30	142.82	4,903.9	-1,431.2	1,085.7	-606.6	0.00	0.00	0.00
5,400.0	26.30	142.82	4,993.5	-1,466.5	1,112.4	-621.6	0.00	0.00	0.00
5,500.0	26.30	142.82	5,083.2	-1,501.8	1,139.2	-636.5	0.00	0.00	0.00
5,600.0	26.30	142.82	5,172.8	-1,537.1	1,166.0	-651.5	0.00	0.00	0.00
5,700.0	26.30	142.82	5,262.5	-1,572.4	1,192.8	-666.5	0.00	0.00	0.00
5,800.0	26.30	142.82	5,352.1	-1,607.7	1,219.6	-681.4	0.00	0.00	0.00
5,900.0	26.30	142.82	5,441.8	-1,643.0	1,246.3	-696.4	0.00	0.00	0.00
6,000.0	26.30	142.82	5,531.4	-1,678.3	1,273.1	-711.4	0.00	0.00	0.00
6,100.0	26.30	142.82	5,621.1	-1,713.6	1,299.9	-726.3	0.00	0.00	0.00
6,200.0	26.30	142.82	5,710.7	-1,748.9	1,326.7	-741.3	0.00	0.00	0.00
6,300.0	26.30	142.82	5,800.4	-1,784.2	1,353.4	-756.2	0.00	0.00	0.00
6,400.0	26.30	142.82	5,890.0	-1,819.5	1,380.2	-771.2	0.00	0.00	0.00
6,500.0	26.30	142.82	5,979.7	-1,854.8	1,407.0	-786.2	0.00	0.00	0.00
6,600.0	26.30	142.82	6,069.3	-1,890.1	1,433.8	-801.1	0.00	0.00	0.00
6,700.0	26.30	142.82	6,159.0	-1,925.4	1,460.6	-816.1	0.00	0.00	0.00
6,800.0	26.30	142.82	6,248.6	-1,960.7	1,487.3	-831.1	0.00	0.00	0.00
6,846.3	26.30	142.82	6,290.1	-1,977.1	1,499.7	-838.0	0.00	0.00	0.00
Start DLS 8.00 TFO -140.05									
6,900.0	23.16	135.80	6,338.9	-1,994.1	1,514.3	-844.3	8.00	-5.84	-13.07
7,000.0	18.51	117.31	6,432.4	-2,015.5	1,542.2	-847.1	8.00	-4.65	-18.48
7,100.0	16.54	91.33	6,527.9	-2,023.2	1,570.5	-838.0	8.00	-1.98	-25.98
7,200.0	18.13	64.77	6,623.5	-2,016.8	1,598.9	-817.2	8.00	1.59	-26.56
7,300.0	22.54	45.38	6,717.4	-1,996.7	1,626.6	-785.2	8.00	4.41	-19.39
7,400.0	28.49	32.87	6,807.7	-1,963.2	1,653.3	-742.5	8.00	5.95	-12.51
7,500.0	35.21	24.59	6,892.6	-1,916.8	1,678.3	-690.1	8.00	6.72	-8.28
7,600.0	42.33	18.74	6,970.5	-1,858.6	1,701.1	-628.8	8.00	7.12	-5.85
7,700.0	49.67	14.32	7,040.0	-1,789.7	1,721.4	-560.0	8.00	7.34	-4.42
7,800.0	57.15	10.77	7,099.5	-1,711.4	1,738.7	-484.9	8.00	7.48	-3.54
7,900.0	64.72	7.78	7,148.1	-1,625.2	1,752.7	-405.1	8.00	7.56	-2.99
8,000.0	72.33	5.15	7,184.7	-1,532.8	1,763.1	-322.0	8.00	7.62	-2.63
8,100.0	79.98	2.73	7,208.6	-1,436.0	1,769.7	-237.3	8.00	7.65	-2.42
8,200.0	87.64	0.42	7,219.4	-1,336.7	1,772.5	-152.6	8.00	7.66	-2.31
8,230.7	90.00	359.72	7,220.0	-1,306.0	1,772.5	-126.8	8.00	7.67	-2.28
Start 1884.6 hold at 8230.7 MD - 7"									
8,300.0	90.00	359.72	7,220.0	-1,236.7	1,772.2	-68.9	0.00	0.00	0.00
8,400.0	90.00	359.72	7,220.0	-1,136.7	1,771.7	14.6	0.00	0.00	0.00
8,500.0	90.00	359.72	7,220.0	-1,036.7	1,771.2	98.1	0.00	0.00	0.00
8,600.0	90.00	359.72	7,220.0	-936.7	1,770.7	181.6	0.00	0.00	0.00
8,700.0	90.00	359.72	7,220.0	-836.7	1,770.2	265.2	0.00	0.00	0.00
8,800.0	90.00	359.72	7,220.0	-736.7	1,769.8	348.7	0.00	0.00	0.00
8,900.0	90.00	359.72	7,220.0	-636.7	1,769.3	432.2	0.00	0.00	0.00
9,000.0	90.00	359.72	7,220.0	-536.7	1,768.8	515.7	0.00	0.00	0.00
9,100.0	90.00	359.72	7,220.0	-436.7	1,768.3	599.3	0.00	0.00	0.00
9,200.0	90.00	359.72	7,220.0	-336.7	1,767.8	682.8	0.00	0.00	0.00
9,300.0	90.00	359.72	7,220.0	-236.7	1,767.4	766.3	0.00	0.00	0.00
9,400.0	90.00	359.72	7,220.0	-136.7	1,766.9	849.8	0.00	0.00	0.00
9,500.0	90.00	359.72	7,220.0	-36.7	1,766.4	933.4	0.00	0.00	0.00
9,600.0	90.00	359.72	7,220.0	63.3	1,765.9	1,016.9	0.00	0.00	0.00
9,700.0	90.00	359.72	7,220.0	163.3	1,765.4	1,100.4	0.00	0.00	0.00
9,800.0	90.00	359.72	7,220.0	263.3	1,765.0	1,183.9	0.00	0.00	0.00
9,900.0	90.00	359.72	7,220.0	363.3	1,764.5	1,267.5	0.00	0.00	0.00

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")	
8,230.7	7,220.0	7"		7	7-1/2	

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-10-14)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
600.0	600.0	0.0	0.0	KOP - Start Build 2.00
6,846.3	6,290.2	-236.3	179.2	Start DLS 8.00 TFO -140.05
8,230.7	7,220.0	-1,977.1	1,499.7	Start 1884.6 hold at 8230.7 MD
10,115.3	7,220.0	-1,306.0	1,772.5	Start DLS 3.00 TFO -90.00
10,301.0	7,220.0	578.6	1,763.4	Start 1674.8 hold at 10301.0 MD
11,975.8	7,220.0	763.9	1,753.5	TD at 11975.8



Synergy Resources

SEC.2-T4N-R68W

SRC Vista (N/S) Pad Sec.2-T4N-R68W

SRC Vista 21-2CHZ

Wellbore #1

Plan #1 (11-10-14)

Anticollision Report

11 November, 2014

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 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		
2,600.0	2,483.4	2,389.0	2,366.3	13.2	7.2	-62.31	-314.5	1,292.4	951.8	933.8	17.95	53.022		
2,700.0	2,573.0	2,482.4	2,458.6	14.2	7.5	-64.93	-305.9	1,302.8	944.1	924.9	19.17	49.245		
2,800.0	2,662.7	2,580.3	2,555.6	15.1	7.8	-67.69	-297.4	1,312.9	937.8	917.4	20.41	45.940		
2,900.0	2,752.3	2,671.4	2,646.0	16.0	8.1	-70.22	-290.6	1,322.1	933.3	911.7	21.62	43.164		
3,000.0	2,842.0	2,766.8	2,740.7	16.9	8.4	-72.82	-284.8	1,331.8	930.6	907.8	22.84	40.742		
3,100.0	2,931.6	2,860.3	2,833.7	17.9	8.6	-75.37	-279.6	1,340.8	929.4	905.3	24.05	38.646		
3,111.1	2,941.6	2,870.1	2,843.4	18.0	8.7	-75.63	-279.1	1,341.7	929.4	905.2	24.18	38.435		
3,200.0	3,021.3	2,948.9	2,921.7	18.8	8.9	-77.75	-275.2	1,349.6	930.2	905.0	25.23	36.864		
3,300.0	3,110.9	3,037.8	3,010.0	19.7	9.1	-80.12	-271.0	1,358.5	933.2	906.8	26.42	35.329		
3,400.0	3,200.6	3,129.2	3,100.9	20.6	9.4	-82.56	-266.2	1,367.7	938.3	910.7	27.60	34.001		
3,500.0	3,290.2	3,221.9	3,193.1	21.6	9.7	-85.03	-261.1	1,376.3	945.0	916.3	28.77	32.852		
3,600.0	3,379.9	3,305.1	3,275.7	22.5	9.9	-87.23	-256.3	1,384.2	954.0	924.1	29.90	31.911		
3,700.0	3,469.5	3,393.4	3,363.4	23.4	10.2	-89.53	-251.0	1,392.9	965.4	934.4	31.02	31.124		
3,800.0	3,559.2	3,482.5	3,452.0	24.4	10.4	-91.81	-245.6	1,401.5	978.6	946.5	32.12	30.467		
3,900.0	3,648.8	3,559.8	3,528.7	25.3	10.7	-93.79	-239.8	1,408.7	994.3	961.1	33.18	29.967		
8,600.0	7,220.0	7,247.4	7,191.4	47.5	21.3	-38.08	13.5	1,740.6	951.3	916.5	34.75	27.373		
8,700.0	7,220.0	7,250.5	7,194.6	46.9	21.3	-40.75	13.7	1,740.8	851.4	815.3	36.11	23.576		
8,800.0	7,220.0	7,253.7	7,197.8	46.3	21.3	-43.88	13.8	1,740.9	751.5	713.8	37.72	19.924		
8,900.0	7,220.0	7,257.0	7,201.1	45.8	21.3	-47.55	13.9	1,741.1	651.6	612.0	39.62	16.449		
9,000.0	7,220.0	7,260.4	7,204.4	45.3	21.3	-51.90	14.0	1,741.2	551.8	509.9	41.84	13.187		
9,100.0	7,220.0	7,263.9	7,207.9	44.8	21.3	-57.05	14.2	1,741.4	452.0	407.5	44.42	10.175		
9,200.0	7,220.0	7,267.5	7,211.5	44.4	21.3	-63.15	14.3	1,741.5	352.2	304.9	47.32	7.443		
9,300.0	7,220.0	7,271.3	7,215.3	44.0	21.3	-70.31	14.4	1,741.7	252.6	202.2	50.43	5.009		
9,400.0	7,220.0	7,275.1	7,219.1	43.6	21.4	-78.55	14.6	1,741.9	153.4	99.9	53.50	2.868		
9,500.0	7,220.0	7,279.0	7,223.0	43.3	21.4	-87.70	14.7	1,742.1	56.9	0.8	56.14	1.014 Level 2		
9,551.6	7,220.0	7,281.1	7,225.1	43.1	21.4	-92.68	14.8	1,742.2	24.0	-33.2	57.21	0.420 Level 1, CC, ES, SF		
9,600.0	7,220.0	7,283.1	7,227.1	43.0	21.4	-97.42	14.9	1,742.3	53.9	-4.0	57.96	0.930 Level 1		
9,700.0	7,220.0	7,287.4	7,231.3	42.8	21.4	-107.18	15.1	1,742.5	150.1	91.4	58.69	2.558		
9,800.0	7,220.0	7,291.7	7,235.7	42.6	21.4	-116.44	15.3	1,742.7	249.3	190.9	58.39	4.269		
9,900.0	7,220.0	7,296.2	7,240.2	42.6	21.4	-124.82	15.5	1,742.9	348.8	291.5	57.32	6.086		
10,000.0	7,220.0	7,300.9	7,244.8	42.8	21.4	-132.13	15.7	1,743.1	448.6	392.7	55.87	8.029		
10,100.0	7,220.0	7,305.7	7,249.7	43.3	21.4	-138.37	15.9	1,743.3	548.3	494.0	54.33	10.094		
10,115.3	7,220.0	7,306.5	7,250.4	43.4	21.4	-139.24	15.9	1,743.4	563.6	509.5	54.09	10.419		
10,200.0	7,220.0	7,310.6	7,254.5	44.0	21.4	-121.76	16.1	1,743.6	648.1	587.6	60.52	10.708		
10,301.0	7,220.0	7,314.0	7,257.9	44.9	21.4	-111.55	16.3	1,743.7	748.5	685.5	62.94	11.892		
10,400.0	7,220.0	7,319.0	7,262.9	46.0	21.4	-114.46	16.5	1,744.0	846.8	783.3	63.49	13.338		
10,500.0	7,220.0	7,322.9	7,266.8	47.3	21.5	-116.60	16.7	1,744.2	946.2	882.0	64.21	14.738		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 250-MWD												Offset Well Error:	0.0 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	
2,000.0	1,945.5	1,820.9	1,816.4	7.8	4.0	-35.34	-576.0	1,136.6	993.4	983.8	9.59	103.581	
2,100.0	2,035.2	1,913.0	1,907.4	8.7	4.3	-36.37	-586.5	1,146.1	969.5	959.0	10.49	92.454	
2,200.0	2,124.8	2,002.7	1,996.0	9.6	4.7	-37.39	-597.4	1,155.6	946.3	934.9	11.42	82.895	
2,300.0	2,214.5	2,096.0	2,087.9	10.5	5.0	-38.47	-609.4	1,165.9	924.0	911.6	12.39	74.546	
2,400.0	2,304.1	2,192.4	2,182.8	11.4	5.3	-39.60	-622.2	1,176.3	902.0	888.5	13.42	67.211	
2,500.0	2,393.7	2,278.9	2,267.9	12.3	5.6	-40.60	-634.7	1,185.8	880.9	866.4	14.44	60.989	
2,600.0	2,483.4	2,368.2	2,355.4	13.2	6.0	-41.60	-648.9	1,196.3	861.0	845.5	15.52	55.488	
2,700.0	2,573.0	2,462.7	2,447.9	14.2	6.4	-42.65	-664.9	1,207.9	842.2	825.5	16.64	50.602	
2,800.0	2,662.7	2,558.9	2,551.9	15.1	6.8	-43.92	-682.2	1,220.3	823.0	805.2	17.84	46.126	
2,900.0	2,752.3	2,665.2	2,646.3	16.0	7.1	-45.11	-698.1	1,231.1	803.7	784.7	19.03	42.232	
3,000.0	2,842.0	2,768.7	2,747.6	16.9	7.5	-46.36	-716.3	1,242.1	784.5	764.2	20.29	38.669	
3,100.0	2,931.6	2,876.4	2,853.3	17.9	7.9	-47.78	-734.5	1,252.4	764.5	742.9	21.60	35.389	
3,200.0	3,021.3	2,980.0	2,955.3	18.8	8.2	-49.33	-750.5	1,261.0	743.4	720.4	22.93	32.418	
3,300.0	3,110.9	3,072.1	3,046.0	19.7	8.5	-50.85	-763.9	1,268.6	722.7	698.5	24.24	29.815	
3,400.0	3,200.6	3,172.7	3,145.3	20.6	8.8	-52.70	-777.4	1,277.0	702.7	677.0	25.65	27.392	
3,500.0	3,290.2	3,267.7	3,239.3	21.6	9.1	-54.64	-788.9	1,284.4	682.9	655.8	27.09	25.204	
3,600.0	3,379.9	3,360.0	3,330.7	22.5	9.4	-56.62	-800.2	1,291.9	664.3	635.7	28.56	23.258	
3,700.0	3,469.5	3,454.0	3,423.6	23.4	9.8	-58.73	-811.9	1,299.9	646.8	616.8	30.09	21.496	
3,800.0	3,559.2	3,550.2	3,518.6	24.4	10.1	-60.92	-824.6	1,308.2	630.5	598.8	31.67	19.904	
3,900.0	3,648.8	3,643.3	3,610.4	25.3	10.5	-63.03	-838.2	1,316.3	615.0	581.7	33.25	18.497	
4,000.0	3,738.5	3,734.7	3,700.3	26.2	10.8	-65.14	-851.9	1,325.2	601.3	566.4	34.82	17.266	
4,100.0	3,828.1	3,834.9	3,798.9	27.1	11.2	-67.55	-866.9	1,334.8	588.5	552.0	36.47	16.137	
4,200.0	3,917.8	3,929.6	3,892.2	28.1	11.5	-69.99	-880.5	1,343.5	576.4	538.4	38.06	15.146	
4,300.0	4,007.4	4,021.3	3,982.7	29.0	11.8	-72.53	-892.7	1,352.0	566.1	526.4	39.63	14.283	
4,400.0	4,097.1	4,111.4	4,071.5	29.9	12.1	-75.12	-904.2	1,361.1	557.9	516.8	41.18	13.548	
4,500.0	4,186.7	4,208.8	4,167.6	30.9	12.5	-77.92	-917.0	1,371.4	551.5	508.8	42.77	12.895	
4,600.0	4,276.4	4,309.2	4,266.4	31.8	12.9	-80.83	-930.9	1,381.8	546.1	501.7	44.32	12.321	
4,700.0	4,366.0	4,410.1	4,365.9	32.7	13.2	-83.87	-944.7	1,391.2	541.1	495.3	45.81	11.813	
4,800.0	4,455.7	4,509.0	4,463.5	33.7	13.6	-86.88	-958.9	1,399.7	536.8	489.6	47.20	11.372	
4,900.0	4,545.3	4,598.6	4,551.8	34.6	13.9	-89.61	-971.6	1,407.8	534.4	485.9	48.48	11.023	
4,940.9	4,582.0	4,635.4	4,588.0	35.0	14.0	-90.73	-976.8	1,411.4	534.2	485.2	48.99	10.905	
5,000.0	4,634.9	4,688.7	4,640.5	35.5	14.2	-92.33	-984.1	1,417.0	534.7	485.0	49.69	10.759	
5,100.0	4,724.6	4,782.7	4,733.0	36.5	14.6	-95.11	-997.0	1,427.6	537.2	486.4	50.83	10.570	
5,200.0	4,814.2	4,882.6	4,831.6	37.4	14.9	-98.16	-1,010.1	1,437.6	540.9	489.0	51.85	10.431	
5,300.0	4,903.9	4,978.8	4,926.6	38.3	15.2	-101.13	-1,022.4	1,446.6	545.6	492.9	52.75	10.344	
5,400.0	4,993.5	5,071.5	5,018.0	39.3	15.6	-103.92	-1,034.4	1,455.3	552.1	498.5	53.54	10.311	
5,500.0	5,083.2	5,163.5	5,109.0	40.2	15.9	-106.67	-1,045.4	1,464.0	560.7	506.5	54.22	10.340	
5,600.0	5,172.8	5,257.7	5,202.2	41.1	16.2	-109.42	-1,056.3	1,473.0	571.1	516.3	54.79	10.423	
5,700.0	5,262.5	5,355.9	5,299.2	42.1	16.5	-112.22	-1,067.6	1,482.0	582.7	527.5	55.23	10.551	
5,800.0	5,352.1	5,450.6	5,392.9	43.0	16.8	-114.87	-1,078.6	1,490.0	595.4	539.8	55.60	10.710	
5,900.0	5,441.8	5,543.5	5,484.9	43.9	17.1	-117.33	-1,089.2	1,498.4	609.8	553.8	55.92	10.904	
6,000.0	5,531.4	5,636.7	5,576.9	44.9	17.4	-119.55	-1,100.2	1,508.3	625.6	569.3	56.25	11.120	
6,100.0	5,621.1	5,734.7	5,673.5	45.8	17.8	-121.69	-1,112.0	1,519.6	642.3	585.8	56.55	11.357	
6,200.0	5,710.7	5,832.9	5,770.5	46.7	18.1	-123.81	-1,124.0	1,529.9	659.6	602.8	56.77	11.618	
6,300.0	5,800.4	5,934.8	5,871.2	47.7	18.5	-126.05	-1,136.3	1,538.7	677.2	620.4	56.85	11.913	
6,400.0	5,890.0	6,045.3	5,980.2	48.6	18.9	-128.32	-1,151.9	1,548.1	693.9	637.1	56.85	12.205	
6,500.0	5,979.7	6,138.5	6,072.0	49.6	19.2	-130.12	-1,165.7	1,556.0	710.7	653.7	56.97	12.475	
6,600.0	6,069.3	6,228.2	6,160.4	50.5	19.5	-131.77	-1,178.5	1,564.0	728.7	671.6	57.10	12.763	
6,700.0	6,159.0	6,319.4	6,250.4	51.4	19.8	-133.30	-1,190.9	1,573.0	748.3	691.1	57.24	13.073	
6,800.0	6,248.6	6,415.6	6,345.3	52.4	20.2	-134.87	-1,203.8	1,582.2	768.6	711.3	57.33	13.406	
6,846.3	6,290.2	6,457.7	6,386.8	52.8	20.3	-135.55	-1,209.3	1,586.0	778.2	720.8	57.38	13.563	
6,850.0	6,293.4	6,461.0	6,390.1	52.8	20.3	-135.22	-1,209.8	1,586.3	779.0	721.6	57.39	13.574	

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 250-MWD													Offset Well Error:	0.0 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		
6,900.0	6,338.9	6,506.8	6,435.2	53.2	20.5	-129.98	-1,215.7	1,590.5	787.7	730.4	57.36	13.733		
6,950.0	6,385.3	6,554.0	6,481.9	53.5	20.6	-123.04	-1,221.6	1,594.8	793.3	736.2	57.11	13.892		
7,000.0	6,432.4	6,606.0	6,533.3	53.7	20.8	-114.13	-1,228.2	1,599.7	795.4	738.8	56.60	14.054		
7,050.0	6,480.1	6,658.1	6,584.7	53.9	21.0	-103.15	-1,235.1	1,604.7	794.0	738.1	55.85	14.216		
7,100.0	6,527.9	6,708.3	6,634.2	54.1	21.2	-90.68	-1,241.9	1,609.6	789.1	734.2	54.87	14.380		
7,150.0	6,575.8	6,757.4	6,682.6	54.2	21.4	-78.07	-1,248.5	1,614.1	780.7	727.1	53.63	14.558		
7,200.0	6,623.5	6,805.4	6,729.9	54.3	21.5	-66.70	-1,255.0	1,618.4	769.0	716.9	52.12	14.756		
7,250.0	6,670.8	6,850.2	6,774.2	54.4	21.7	-57.31	-1,261.1	1,622.2	754.2	703.8	50.35	14.978		
7,300.0	6,717.4	6,894.1	6,817.5	54.4	21.8	-50.03	-1,266.9	1,625.9	736.3	687.9	48.33	15.233		
7,350.0	6,763.1	6,936.7	6,859.6	54.4	22.0	-44.60	-1,272.4	1,629.4	715.4	669.3	46.06	15.531		
7,400.0	6,807.7	6,977.9	6,900.3	54.3	22.1	-40.66	-1,277.7	1,632.6	691.6	648.1	43.54	15.884		
7,450.0	6,850.9	7,017.4	6,939.4	54.2	22.2	-37.95	-1,282.7	1,635.4	665.1	624.3	40.79	16.303		
7,500.0	6,892.6	7,057.0	6,978.6	54.1	22.4	-36.32	-1,287.6	1,638.1	635.9	598.1	37.83	16.811		
7,550.0	6,932.5	7,092.0	7,013.3	53.9	22.5	-35.51	-1,292.0	1,640.3	604.3	569.5	34.77	17.380		
7,600.0	6,970.5	7,126.7	7,047.7	53.7	22.6	-35.62	-1,296.3	1,642.3	570.3	538.6	31.69	17.996		
7,650.0	7,006.4	7,158.8	7,079.4	53.5	22.7	-36.62	-1,300.3	1,644.1	534.1	505.2	28.89	18.490		
7,700.0	7,040.0	7,188.2	7,108.6	53.2	22.8	-38.59	-1,304.0	1,645.7	496.0	469.1	26.90	18.435		
7,750.0	7,071.1	7,216.0	7,136.1	53.0	22.9	-41.82	-1,307.5	1,647.1	456.1	429.4	26.71	17.074		
7,800.0	7,099.5	7,240.5	7,160.4	52.7	23.0	-46.41	-1,310.7	1,648.4	414.8	385.6	29.22	14.193		
7,850.0	7,125.3	7,261.7	7,181.4	52.4	23.0	-52.55	-1,313.5	1,649.6	372.4	338.0	34.41	10.822		
7,900.0	7,148.1	7,279.5	7,199.0	52.1	23.1	-60.26	-1,315.8	1,650.6	329.2	287.9	41.31	7.971		
7,950.0	7,167.9	7,293.7	7,213.1	51.8	23.1	-69.14	-1,317.8	1,651.4	286.0	237.5	48.46	5.902		
8,000.0	7,184.7	7,304.5	7,223.7	51.4	23.2	-78.17	-1,319.2	1,652.0	243.4	189.1	54.31	4.481		
8,050.0	7,198.3	7,311.7	7,230.9	51.1	23.2	-86.05	-1,320.2	1,652.4	202.7	144.6	58.01	3.494		
8,100.0	7,208.6	7,314.0	7,233.1	50.8	23.2	-90.98	-1,320.5	1,652.6	165.9	106.3	59.62	2.783		
8,150.0	7,215.6	7,315.7	7,234.8	50.4	23.2	-94.40	-1,320.8	1,652.7	136.9	76.5	60.32	2.269		
8,200.0	7,219.4	7,312.6	7,231.7	50.1	23.2	-94.14	-1,320.4	1,652.5	121.4	61.0	60.47	2.008		
8,216.6	7,219.9	7,310.8	7,229.9	50.0	23.2	-93.36	-1,320.1	1,652.4	120.4	59.9	60.48	1.990 CC, ES, SF		
8,230.7	7,220.0	7,309.0	7,228.1	49.9	23.2	-92.44	-1,319.9	1,652.3	121.1	60.6	60.49	2.002		
8,300.0	7,220.0	7,299.4	7,218.7	49.4	23.1	-87.96	-1,318.6	1,651.7	145.7	86.1	59.62	2.443		
8,400.0	7,220.0	7,285.9	7,205.3	48.7	23.1	-81.73	-1,316.7	1,651.0	217.5	159.6	57.86	3.758		
8,500.0	7,220.0	7,272.6	7,192.2	48.1	23.1	-75.87	-1,314.9	1,650.2	304.9	249.2	55.72	5.473		
8,600.0	7,220.0	7,259.6	7,179.3	47.5	23.0	-70.46	-1,313.2	1,649.5	397.9	344.6	53.38	7.455		
8,700.0	7,220.0	7,246.8	7,166.7	46.9	23.0	-65.52	-1,311.5	1,648.8	493.3	442.3	51.01	9.671		
8,800.0	7,220.0	7,234.3	7,154.2	46.3	22.9	-61.07	-1,309.9	1,648.1	589.9	541.2	48.75	12.101		
8,900.0	7,220.0	7,221.9	7,142.0	45.8	22.9	-57.08	-1,308.3	1,647.4	687.3	640.6	46.69	14.722		
9,000.0	7,220.0	7,209.8	7,130.0	45.3	22.9	-53.51	-1,306.7	1,646.8	785.1	740.3	44.87	17.498		
9,100.0	7,220.0	7,197.9	7,118.2	44.8	22.8	-50.33	-1,305.2	1,646.2	883.3	839.9	43.33	20.385		
9,200.0	7,220.0	7,186.0	7,106.4	44.4	22.8	-47.43	-1,303.7	1,645.6	981.6	939.6	42.03	23.353		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 21-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 644-MWD												Offset Well Error:	0.0 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
11,000.0	7,220.0	7,246.3	7,192.2	54.6	20.0	67.27	2,444.8	1,655.4	986.4	915.3	71.12	13.870	
11,100.0	7,220.0	7,249.5	7,195.3	56.1	20.0	69.38	2,444.9	1,655.5	886.7	813.9	72.86	12.171	
11,200.0	7,220.0	7,252.5	7,198.4	57.7	20.0	71.52	2,445.0	1,655.5	787.2	712.6	74.59	10.553	
11,300.0	7,220.0	7,255.5	7,201.4	59.2	20.0	73.67	2,445.1	1,655.6	687.7	611.4	76.32	9.012	
11,400.0	7,220.0	7,258.5	7,204.3	60.8	20.0	75.83	2,445.2	1,655.7	588.5	510.4	78.02	7.542	
11,500.0	7,220.0	7,261.4	7,207.3	62.4	20.0	78.00	2,445.3	1,655.8	489.5	409.8	79.70	6.141	
11,600.0	7,220.0	7,264.3	7,210.1	64.1	20.0	80.16	2,445.4	1,655.9	391.0	309.6	81.35	4.806	
11,700.0	7,220.0	7,267.2	7,213.0	65.7	20.0	82.31	2,445.5	1,655.9	293.4	210.5	82.96	3.537	
11,800.0	7,220.0	7,270.0	7,215.8	67.4	20.0	84.44	2,445.6	1,656.0	198.4	113.9	84.53	2.347	
11,900.0	7,220.0	7,272.7	7,218.5	69.1	20.0	86.56	2,445.6	1,656.1	112.2	26.1	86.05	1.304 Level 3	
11,975.8	7,220.0	7,274.8	7,220.6	70.3	20.0	88.14	2,445.7	1,656.1	74.9	-12.3	87.17	0.859 Level 1, CC, ES, SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 22-2D - Wellbore #1 - Wellbore #1												Offset Well Error:	0.0 ft
Survey Program: 128-MWD													
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
9,700.0	7,220.0	7,378.4	7,316.9	42.8	21.7	-160.93	1,071.6	1,728.6	913.9	872.8	41.13	22.219	
9,800.0	7,220.0	7,368.9	7,307.6	42.6	21.6	-158.62	1,072.6	1,728.0	814.5	771.6	42.95	18.965	
9,900.0	7,220.0	7,359.4	7,298.1	42.6	21.6	-155.79	1,073.5	1,727.3	715.2	670.1	45.06	15.870	
10,000.0	7,220.0	7,349.7	7,288.4	42.8	21.6	-152.27	1,074.5	1,726.7	615.9	568.3	47.57	12.947	
10,100.0	7,220.0	7,339.8	7,278.6	43.3	21.6	-147.79	1,075.5	1,726.0	516.6	466.1	50.57	10.216	
10,115.3	7,220.0	7,338.3	7,277.1	43.4	21.5	-146.99	1,075.7	1,725.9	501.4	450.4	51.08	9.817	
10,200.0	7,220.0	7,329.7	7,268.6	44.0	21.5	-161.23	1,076.6	1,725.3	417.4	373.0	44.35	9.411	
10,301.0	7,220.0	7,319.0	7,258.0	44.9	21.5	174.87	1,077.7	1,724.6	317.0	280.3	36.72	8.633	
10,400.0	7,220.0	7,308.0	7,247.0	46.0	21.5	174.05	1,078.8	1,723.8	218.6	181.3	37.32	5.858	
10,500.0	7,220.0	7,296.8	7,236.0	47.3	21.4	171.82	1,080.0	1,723.0	119.2	81.3	37.90	3.147	
10,600.0	7,220.0	7,285.8	7,225.1	48.7	21.4	149.36	1,081.1	1,722.3	19.9	-24.0	43.89	0.452 Level 1	
10,620.7	7,220.0	7,283.6	7,222.9	49.0	21.4	82.70	1,081.3	1,722.1	1.3	-67.9	69.22	0.019 Level 1, CC, ES, SF	
10,700.0	7,220.0	7,275.1	7,214.4	50.1	21.4	4.12	1,082.2	1,721.6	79.6	38.2	41.41	1.922	
10,800.0	7,220.0	7,264.5	7,203.9	51.6	21.3	0.06	1,083.3	1,720.9	179.0	138.0	40.97	4.369	
10,900.0	7,220.0	7,254.1	7,193.6	53.0	21.3	-1.10	1,084.3	1,720.2	278.5	237.0	41.41	6.724	
11,000.0	7,220.0	7,243.9	7,183.5	54.6	21.3	-1.65	1,085.3	1,719.5	377.9	335.9	42.00	8.999	
11,100.0	7,220.0	7,233.9	7,173.5	56.1	21.2	-1.97	1,086.3	1,718.8	477.4	434.7	42.63	11.198	
11,200.0	7,220.0	7,224.1	7,163.8	57.7	21.2	-2.17	1,087.2	1,718.2	576.8	533.5	43.28	13.326	
11,300.0	7,220.0	7,214.4	7,154.2	59.2	21.2	-2.31	1,088.2	1,717.5	676.3	632.3	43.95	15.386	
11,400.0	7,220.0	7,204.9	7,144.7	60.8	21.2	-2.42	1,089.1	1,716.9	775.8	731.1	44.63	17.382	
11,500.0	7,220.0	7,195.6	7,135.4	62.4	21.1	-2.50	1,090.0	1,716.3	875.3	830.0	45.32	19.315	
11,600.0	7,220.0	7,186.0	7,126.0	64.1	21.1	-2.56	1,090.9	1,715.7	974.8	928.8	46.00	21.190	

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 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		
0.0	0.0	0.0	0.0	0.0	0.0	-0.13	119.9	-0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	-0.13	119.9	-0.3	119.9	119.6	0.22	533.256		
200.0	200.0	200.0	200.0	0.3	0.3	-0.13	119.9	-0.3	119.9	119.2	0.67	177.752		
300.0	300.0	300.0	300.0	0.6	0.6	-0.13	119.9	-0.3	119.9	118.7	1.12	106.651		
400.0	400.0	400.0	400.0	0.8	0.8	-0.13	119.9	-0.3	119.9	118.3	1.57	76.179		
500.0	500.0	500.0	500.0	1.0	1.0	-0.13	119.9	-0.3	119.9	117.8	2.02	59.251		
600.0	600.0	600.0	600.0	1.2	1.2	-0.13	119.9	-0.3	119.9	117.4	2.47	48.478 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-143.43	119.9	-0.3	121.3	118.4	2.90	41.829		
800.0	799.8	799.8	799.8	1.6	1.7	-144.80	119.9	-0.3	125.5	122.2	3.31	37.892		
900.0	899.5	899.5	899.5	1.8	1.9	-146.89	119.9	-0.3	132.7	129.0	3.74	35.517		
1,000.0	998.7	998.7	998.7	2.1	2.1	-149.45	119.9	-0.3	143.1	138.9	4.17	34.305		
1,100.0	1,097.5	1,097.5	1,097.5	2.4	2.4	-152.22	119.9	-0.3	156.8	152.2	4.61	33.991		
1,200.0	1,195.6	1,195.6	1,195.6	2.7	2.6	-154.99	119.9	-0.3	174.0	168.9	5.06	34.385		
1,300.0	1,293.1	1,293.1	1,293.1	3.1	2.8	-157.62	119.9	-0.3	194.6	189.1	5.51	35.344		
1,400.0	1,389.6	1,389.6	1,389.6	3.6	3.0	-160.02	119.9	-0.3	218.9	212.9	5.96	36.755		
1,500.0	1,485.3	1,485.3	1,485.3	4.1	3.2	-162.16	119.9	-0.3	246.7	240.3	6.40	38.525		
1,600.0	1,579.8	1,579.8	1,579.8	4.7	3.4	-164.02	119.9	-0.3	278.0	271.1	6.85	40.582		
1,700.0	1,673.2	1,673.2	1,673.2	5.4	3.6	-165.64	119.9	-0.3	312.7	305.4	7.30	42.866		
1,800.0	1,765.2	1,765.2	1,765.2	6.1	3.9	-167.03	119.9	-0.3	350.8	343.1	7.74	45.329		
1,900.0	1,855.8	1,864.3	1,864.2	7.0	4.1	-168.38	119.1	-0.2	391.7	383.5	8.18	47.897		
1,915.0	1,869.3	1,880.0	1,880.0	7.1	4.1	-168.59	118.8	-0.1	397.9	389.6	8.24	48.276		
2,000.0	1,945.5	1,969.9	1,969.8	7.8	4.3	-169.89	114.9	0.6	431.8	423.1	8.65	49.931		
2,100.0	2,035.2	2,078.6	2,078.1	8.7	4.4	-171.34	106.5	2.0	468.8	459.7	9.13	51.340		
2,200.0	2,124.8	2,190.0	2,188.8	9.6	4.7	-172.76	93.7	4.2	502.7	493.0	9.63	52.178		
2,300.0	2,214.5	2,303.9	2,301.3	10.5	4.9	-174.17	76.3	7.2	533.2	523.1	10.16	52.502		
2,400.0	2,304.1	2,420.0	2,415.2	11.4	5.2	-175.61	54.0	11.1	560.5	549.8	10.71	52.343		
2,500.0	2,393.7	2,538.1	2,530.0	12.3	5.6	-177.12	26.7	15.8	584.3	573.0	11.29	51.736		
2,600.0	2,483.4	2,657.7	2,644.9	13.2	6.0	-178.69	-5.7	21.3	604.7	592.8	11.93	50.703		
2,700.0	2,573.0	2,778.5	2,759.6	14.2	6.5	-179.63	-43.2	27.8	621.8	609.2	12.62	49.282		
2,800.0	2,662.7	2,900.0	2,873.1	15.1	7.1	-177.83	-85.7	35.1	635.5	622.1	13.39	47.456		
2,900.0	2,752.3	3,021.8	2,985.1	16.0	7.9	-175.91	-133.0	43.2	646.0	631.7	14.27	45.254		
3,000.0	2,842.0	3,143.4	3,094.7	16.9	8.7	-173.82	-184.9	52.2	653.4	638.1	15.29	42.735		
3,100.0	2,931.6	3,264.5	3,201.6	17.9	9.6	-171.57	-241.1	61.8	657.9	641.4	16.46	39.959		
3,200.0	3,021.3	3,370.8	3,293.6	18.8	10.5	-169.44	-293.5	70.9	660.3	642.6	17.70	37.311		
3,300.0	3,110.9	3,468.1	3,377.6	19.7	11.4	-167.50	-341.7	79.2	663.3	644.3	18.97	34.955		
3,400.0	3,200.6	3,565.3	3,461.7	20.6	12.2	-165.58	-390.0	87.5	667.0	646.7	20.35	32.776		
3,500.0	3,290.2	3,662.6	3,545.7	21.6	13.1	-163.67	-438.2	95.8	671.6	649.8	21.82	30.773		
3,600.0	3,379.9	3,759.8	3,629.7	22.5	14.0	-161.80	-486.5	104.1	676.9	653.5	23.39	28.945		
3,700.0	3,469.5	3,857.1	3,713.8	23.4	14.9	-159.95	-534.7	112.4	683.0	658.0	25.03	27.285		
3,800.0	3,559.2	3,954.4	3,797.8	24.4	15.8	-158.14	-583.0	120.7	689.8	663.0	26.75	25.784		
3,900.0	3,648.8	4,051.6	3,881.8	25.3	16.7	-156.36	-631.2	129.0	697.3	668.8	28.54	24.430		
4,000.0	3,738.5	4,148.9	3,965.9	26.2	17.7	-154.62	-679.5	137.3	705.5	675.1	30.40	23.210		
4,100.0	3,828.1	4,246.1	4,049.9	27.1	18.6	-152.92	-727.7	145.6	714.4	682.1	32.30	22.114		
4,200.0	3,917.8	4,343.4	4,134.0	28.1	19.5	-151.26	-776.0	153.9	723.9	689.6	34.26	21.129		
4,300.0	4,007.4	4,440.7	4,218.0	29.0	20.5	-149.64	-824.3	162.2	734.0	697.7	36.26	20.243		
4,400.0	4,097.1	4,537.9	4,302.0	29.9	21.4	-148.07	-872.5	170.5	744.7	706.4	38.29	19.447		
4,500.0	4,186.7	4,635.2	4,386.1	30.9	22.4	-146.54	-920.8	178.8	756.0	715.6	40.36	18.732		
4,600.0	4,276.4	4,732.4	4,470.1	31.8	23.3	-145.06	-969.0	187.1	767.8	725.3	42.45	18.087		
4,700.0	4,366.0	4,829.7	4,554.2	32.7	24.2	-143.61	-1,017.3	195.4	780.1	735.5	44.56	17.507		
4,800.0	4,455.7	4,927.0	4,638.2	33.7	25.2	-142.22	-1,065.5	203.7	792.9	746.2	46.69	16.983		
4,900.0	4,545.3	5,024.2	4,722.2	34.6	26.1	-140.86	-1,113.8	212.0	806.2	757.3	48.83	16.511		
5,000.0	4,634.9	5,121.5	4,806.3	35.5	27.1	-139.55	-1,162.0	220.3	819.9	768.9	50.98	16.083		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)												Offset Well Error:	0.0 ft
Survey Program: 0-MWD													
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
5,100.0	4,724.6	5,218.7	4,890.3	36.5	28.1	138.28	-1,210.3	228.6	834.0	780.9	53.13	15.697	
5,200.0	4,814.2	5,316.0	4,974.3	37.4	29.0	137.06	-1,258.5	236.9	848.6	793.3	55.30	15.346	
5,300.0	4,903.9	5,413.3	5,058.4	38.3	30.0	135.87	-1,306.8	245.2	863.5	806.0	57.46	15.028	
5,400.0	4,993.5	5,510.5	5,142.4	39.3	30.9	134.72	-1,355.0	253.5	878.8	819.2	59.62	14.739	
5,500.0	5,083.2	5,607.8	5,226.5	40.2	31.9	133.61	-1,403.3	261.9	894.4	832.6	61.79	14.476	
5,600.0	5,172.8	5,705.0	5,310.5	41.1	32.8	132.54	-1,451.5	270.2	910.4	846.4	63.95	14.237	
5,700.0	5,262.5	5,802.3	5,394.5	42.1	33.8	131.51	-1,499.8	278.5	926.6	860.5	66.10	14.019	
5,800.0	5,352.1	5,899.6	5,478.6	43.0	34.8	130.51	-1,548.0	286.8	943.2	875.0	68.25	13.819	
5,900.0	5,441.8	5,996.8	5,562.6	43.9	35.7	129.54	-1,596.3	295.1	960.0	889.6	70.40	13.637	
6,000.0	5,531.4	6,094.1	5,646.7	44.9	36.7	128.61	-1,644.5	303.4	977.1	904.6	72.54	13.471	
6,100.0	5,621.1	6,191.3	5,730.7	45.8	37.6	127.70	-1,692.8	311.7	994.5	919.8	74.67	13.318 SF	

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 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)			
0.0	0.0	0.0	0.0	0.0	0.0	-0.11	139.9	-0.3	139.9					
100.0	100.0	100.0	100.0	0.1	0.1	-0.11	139.9	-0.3	139.9	139.7	0.22	622.401		
200.0	200.0	200.0	200.0	0.3	0.3	-0.11	139.9	-0.3	139.9	139.2	0.67	207.467		
300.0	300.0	300.0	300.0	0.6	0.6	-0.11	139.9	-0.3	139.9	138.8	1.12	124.480		
400.0	400.0	400.0	400.0	0.8	0.8	-0.11	139.9	-0.3	139.9	138.3	1.57	88.914		
500.0	500.0	500.0	500.0	1.0	1.0	-0.11	139.9	-0.3	139.9	137.9	2.02	69.156		
600.0	600.0	600.0	600.0	1.2	1.2	-0.11	139.9	-0.3	139.9	137.4	2.47	56.582 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-143.34	139.9	-0.3	141.3	138.4	2.90	48.741		
800.0	799.8	799.8	799.8	1.6	1.7	-144.52	139.9	-0.3	145.5	142.2	3.31	43.938		
900.0	899.5	899.5	899.5	1.8	1.9	-146.34	139.9	-0.3	152.7	149.0	3.74	40.864		
1,000.0	998.7	998.7	998.7	2.1	2.1	-148.60	139.9	-0.3	163.0	158.8	4.17	39.070		
1,100.0	1,097.5	1,097.5	1,097.5	2.4	2.4	-151.11	139.9	-0.3	176.6	172.0	4.62	38.257		
1,200.0	1,195.6	1,195.6	1,195.6	2.7	2.6	-153.67	139.9	-0.3	193.6	188.5	5.06	38.219		
1,300.0	1,293.1	1,293.1	1,293.1	3.1	2.8	-156.17	139.9	-0.3	214.0	208.5	5.52	38.799		
1,400.0	1,389.6	1,389.6	1,389.6	3.6	3.0	-158.49	139.9	-0.3	238.0	232.1	5.97	39.877		
1,500.0	1,485.3	1,485.3	1,485.3	4.1	3.2	-160.60	139.9	-0.3	265.6	259.2	6.42	41.356		
1,600.0	1,579.8	1,579.8	1,579.8	4.7	3.4	-162.49	139.9	-0.3	296.6	289.8	6.87	43.158		
1,700.0	1,673.2	1,673.2	1,673.2	5.4	3.6	-164.15	139.9	-0.3	331.1	323.8	7.32	45.217		
1,800.0	1,765.2	1,765.2	1,765.2	6.1	3.9	-165.59	139.9	-0.3	369.1	361.3	7.77	47.482		
1,900.0	1,855.8	1,855.8	1,855.8	7.0	4.1	-166.85	139.9	-0.3	410.3	402.1	8.22	49.911		
1,915.0	1,869.3	1,869.3	1,869.3	7.1	4.1	-167.02	139.9	-0.3	416.8	408.5	8.29	50.288		
2,000.0	1,945.5	1,945.5	1,945.5	7.8	4.3	-168.09	139.9	-0.3	453.7	445.0	8.72	52.007		
2,100.0	2,035.2	2,041.9	2,041.9	8.7	4.5	-169.22	139.6	-0.3	497.1	487.9	9.24	53.787		
2,200.0	2,124.8	2,150.8	2,150.8	9.6	4.7	-170.43	135.9	0.1	538.0	528.3	9.74	55.220		
2,300.0	2,214.5	2,262.8	2,262.5	10.5	4.9	-171.66	127.9	0.7	575.9	565.7	10.24	56.248		
2,400.0	2,304.1	2,377.7	2,376.6	11.4	5.1	-172.92	115.1	1.8	610.6	599.8	10.75	56.805		
2,500.0	2,393.7	2,495.0	2,492.6	12.3	5.3	-174.24	97.4	3.3	642.0	630.7	11.28	56.928		
2,600.0	2,483.4	2,614.6	2,609.9	13.2	5.6	-175.64	74.5	5.2	670.1	658.3	11.83	56.627		
2,700.0	2,573.0	2,736.0	2,728.0	14.2	6.0	-177.12	46.2	7.6	694.9	682.5	12.43	55.914		
2,800.0	2,662.7	2,858.9	2,846.1	15.1	6.4	-178.70	12.5	10.4	716.4	703.3	13.07	54.811		
2,900.0	2,752.3	2,982.8	2,963.6	16.0	6.9	179.60	-26.5	13.7	734.7	720.9	13.78	53.299		
3,000.0	2,842.0	3,107.3	3,079.9	16.9	7.5	177.78	-70.7	17.5	749.7	735.2	14.59	51.390		
3,100.0	2,931.6	3,231.8	3,194.2	17.9	8.2	175.81	-120.0	21.6	761.8	746.3	15.51	49.100		
3,200.0	3,021.3	3,356.0	3,306.0	18.8	9.1	173.70	-174.0	26.2	770.9	754.4	16.58	46.488		
3,300.0	3,110.9	3,479.4	3,414.5	19.7	10.0	171.43	-232.4	31.1	777.4	759.6	17.82	43.618		
3,400.0	3,200.6	3,601.5	3,519.3	20.6	11.0	168.99	-294.7	36.3	781.5	762.3	19.26	40.573		
3,500.0	3,290.2	3,721.8	3,620.0	21.6	12.1	166.38	-360.4	41.9	783.5	762.6	20.93	37.436		
3,600.0	3,379.9	3,829.3	3,707.7	22.5	13.2	163.88	-422.3	47.1	784.1	761.5	22.68	34.568		
3,700.0	3,469.5	3,923.9	3,784.6	23.4	14.2	161.65	-477.3	51.7	785.6	761.2	24.42	32.169		
3,800.0	3,559.2	4,018.6	3,861.4	24.4	15.2	159.43	-532.3	56.3	788.5	762.2	26.28	30.007		
3,900.0	3,648.8	4,113.2	3,938.3	25.3	16.2	157.23	-587.4	61.0	792.6	764.4	28.23	28.073		
4,000.0	3,738.5	4,207.9	4,015.1	26.2	17.2	155.05	-642.4	65.6	798.0	767.8	30.28	26.352		
4,100.0	3,828.1	4,302.5	4,092.0	27.1	18.2	152.91	-697.4	70.3	804.7	772.3	32.42	24.825		
4,200.0	3,917.8	4,397.1	4,168.9	28.1	19.2	150.79	-752.4	74.9	812.6	778.0	34.62	23.475		
4,300.0	4,007.4	4,491.8	4,245.7	29.0	20.2	148.72	-807.5	79.5	821.7	784.9	36.88	22.284		
4,400.0	4,097.1	4,586.4	4,322.6	29.9	21.3	146.69	-862.5	84.2	832.0	792.8	39.18	21.234		
4,500.0	4,186.7	4,681.1	4,399.5	30.9	22.3	144.71	-917.5	88.8	843.4	801.8	41.53	20.309		
4,600.0	4,276.4	4,775.7	4,476.3	31.8	23.3	142.78	-972.5	93.4	855.8	811.9	43.90	19.495		
4,700.0	4,366.0	4,870.4	4,553.2	32.7	24.4	140.90	-1,027.6	98.1	869.3	823.0	46.29	18.778		
4,800.0	4,455.7	4,965.0	4,630.1	33.7	25.4	139.07	-1,082.6	102.7	883.7	835.0	48.70	18.148		
4,900.0	4,545.3	5,059.6	4,706.9	34.6	26.5	137.30	-1,137.6	107.3	899.1	848.0	51.11	17.592		
5,000.0	4,634.9	5,154.3	4,783.8	35.5	27.5	135.59	-1,192.6	112.0	915.3	861.8	53.52	17.104		

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Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 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)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,724.6	5,248.9	4,860.6	36.5	28.6	133.93	-1,247.7	116.6	932.4	876.5	55.92	16.674		
5,200.0	4,814.2	5,343.6	4,937.5	37.4	29.6	132.33	-1,302.7	121.2	950.3	892.0	58.32	16.295		
5,300.0	4,903.9	5,438.2	5,014.4	38.3	30.7	130.79	-1,357.7	125.9	968.9	908.2	60.70	15.962		
5,400.0	4,993.5	5,532.9	5,091.2	39.3	31.8	129.30	-1,412.7	130.5	988.2	925.2	63.07	15.668 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-0.20	80.2	-0.3	80.2					
100.0	100.0	100.0	100.0	0.1	0.1	-0.20	80.2	-0.3	80.2	79.9	0.22	356.604		
200.0	200.0	200.0	200.0	0.3	0.3	-0.20	80.2	-0.3	80.2	79.5	0.67	118.868		
300.0	300.0	300.0	300.0	0.6	0.6	-0.20	80.2	-0.3	80.2	79.0	1.12	71.321		
400.0	400.0	400.0	400.0	0.8	0.8	-0.20	80.2	-0.3	80.2	78.6	1.57	50.943		
500.0	500.0	500.0	500.0	1.0	1.0	-0.20	80.2	-0.3	80.2	78.1	2.02	39.623		
600.0	600.0	600.0	600.0	1.2	1.2	-0.20	80.2	-0.3	80.2	77.7	2.47	32.419 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-143.74	80.2	-0.3	81.6	78.7	2.90	28.133		
800.0	799.8	799.8	799.8	1.6	1.7	-145.76	80.2	-0.3	85.8	82.5	3.31	25.915		
900.0	899.5	899.5	899.5	1.8	1.9	-148.69	80.2	-0.3	93.2	89.4	3.74	24.937		
1,000.0	998.7	998.7	998.7	2.1	2.1	-152.09	80.2	-0.3	103.8	99.6	4.17	24.898		
1,100.0	1,097.5	1,097.5	1,097.5	2.4	2.4	-155.52	80.2	-0.3	117.9	113.3	4.61	25.590		
1,200.0	1,195.6	1,195.6	1,195.6	2.7	2.6	-158.73	80.2	-0.3	135.5	130.5	5.05	26.858		
1,300.0	1,293.1	1,293.1	1,293.1	3.1	2.8	-161.57	80.2	-0.3	156.7	151.2	5.48	28.576		
1,400.0	1,389.6	1,389.6	1,389.6	3.6	3.0	-164.01	80.2	-0.3	181.5	175.6	5.92	30.644		
1,500.0	1,485.3	1,492.0	1,491.9	4.1	3.2	-166.23	78.8	0.2	208.5	202.1	6.34	32.862		
1,600.0	1,579.8	1,596.0	1,595.8	4.7	3.4	-168.25	73.8	2.0	235.5	228.8	6.74	34.955		
1,700.0	1,673.2	1,701.0	1,700.4	5.4	3.6	-170.11	65.3	5.0	262.6	255.5	7.14	36.782		
1,800.0	1,765.2	1,807.0	1,805.7	6.1	3.8	-171.87	52.9	9.4	289.8	282.2	7.55	38.355		
1,900.0	1,855.8	1,914.1	1,911.3	7.0	4.1	-173.56	36.8	15.1	316.9	308.9	7.98	39.696		
1,915.0	1,869.3	1,930.3	1,927.2	7.1	4.1	-173.80	34.0	16.0	321.0	312.9	8.05	39.874		
2,000.0	1,945.5	2,022.5	2,017.6	7.8	4.4	-175.22	16.6	22.2	342.9	334.4	8.50	40.347		
2,100.0	2,035.2	2,132.8	2,124.9	8.7	4.7	-176.81	-7.7	30.8	365.5	356.4	9.06	40.355		
2,200.0	2,124.8	2,244.8	2,232.6	9.6	5.2	-178.39	-36.4	41.0	384.6	375.0	9.65	39.837		
2,300.0	2,214.5	2,358.0	2,340.2	10.5	5.7	180.00	-69.4	52.7	400.3	390.0	10.29	38.892		
2,400.0	2,304.1	2,472.2	2,447.3	11.4	6.3	178.32	-106.8	65.9	412.4	401.4	11.00	37.501		
2,500.0	2,393.7	2,586.9	2,553.3	12.3	7.0	176.52	-148.3	80.6	421.1	409.3	11.78	35.758		
2,600.0	2,483.4	2,701.9	2,657.6	13.2	7.9	174.59	-194.0	96.7	426.3	413.7	12.65	33.702		
2,700.0	2,573.0	2,813.1	2,756.6	14.2	8.7	172.55	-241.7	113.6	428.4	414.8	13.63	31.438		
2,800.0	2,662.7	2,912.1	2,844.1	15.1	9.6	170.68	-285.2	129.0	429.9	415.2	14.64	29.368		
2,900.0	2,752.3	3,011.1	2,931.7	16.0	10.4	168.83	-328.8	144.4	431.8	416.1	15.73	27.442		
3,000.0	2,842.0	3,110.1	3,019.2	16.9	11.3	166.99	-372.3	159.8	434.2	417.2	16.92	25.659		
3,100.0	2,931.6	3,209.1	3,106.8	17.9	12.1	165.18	-415.8	175.2	437.0	418.8	18.19	24.021		
3,200.0	3,021.3	3,308.1	3,194.4	18.8	13.0	163.39	-459.3	190.6	440.2	420.7	19.55	22.522		
3,300.0	3,110.9	3,407.1	3,281.9	19.7	13.9	161.63	-502.8	206.0	443.9	422.9	20.98	21.156		
3,400.0	3,200.6	3,506.0	3,369.5	20.6	14.8	159.90	-546.4	221.4	448.0	425.5	22.50	19.917		
3,500.0	3,290.2	3,605.0	3,457.1	21.6	15.7	158.21	-589.9	236.8	452.6	428.5	24.08	18.795		
3,600.0	3,379.9	3,704.0	3,544.6	22.5	16.6	156.54	-633.4	252.2	457.5	431.7	25.73	17.781		
3,700.0	3,469.5	3,803.0	3,632.2	23.4	17.5	154.91	-676.9	267.6	462.8	435.3	27.44	16.866		
3,800.0	3,559.2	3,902.0	3,719.8	24.4	18.4	153.32	-720.4	283.0	468.4	439.2	29.20	16.041		
3,900.0	3,648.8	4,001.0	3,807.3	25.3	19.3	151.77	-764.0	298.4	474.4	443.4	31.02	15.297		
4,000.0	3,738.5	4,100.0	3,894.9	26.2	20.2	150.26	-807.5	313.8	480.8	447.9	32.87	14.626		
4,100.0	3,828.1	4,199.0	3,982.5	27.1	21.2	148.79	-851.0	329.2	487.5	452.7	34.77	14.020		
4,200.0	3,917.8	4,297.9	4,070.0	28.1	22.1	147.36	-894.5	344.6	494.5	457.8	36.71	13.473		
4,300.0	4,007.4	4,396.9	4,157.6	29.0	23.0	145.96	-938.0	360.0	501.8	463.2	38.67	12.978		
4,400.0	4,097.1	4,495.9	4,245.1	29.9	23.9	144.61	-981.6	375.4	509.4	468.8	40.66	12.529		
4,500.0	4,186.7	4,594.9	4,332.7	30.9	24.8	143.30	-1,025.1	390.8	517.3	474.7	42.67	12.123		
4,600.0	4,276.4	4,693.9	4,420.3	31.8	25.8	142.03	-1,068.6	406.2	525.5	480.8	44.70	11.754		
4,700.0	4,366.0	4,792.9	4,507.8	32.7	26.7	140.80	-1,112.1	421.6	533.9	487.1	46.75	11.419		
4,800.0	4,455.7	4,891.9	4,595.4	33.7	27.6	139.60	-1,155.6	437.0	542.5	493.7	48.82	11.114		
4,900.0	4,545.3	4,990.9	4,683.0	34.6	28.5	138.44	-1,199.2	452.4	551.4	500.5	50.89	10.835		
5,000.0	4,634.9	5,089.8	4,770.5	35.5	29.5	137.32	-1,242.7	467.8	560.5	507.5	52.97	10.581		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWDD													Offset Well Error:	0.0 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		
5,100.0	4,724.6	5,188.8	4,858.1	36.5	30.4	136.24	-1,286.2	483.2	569.8	514.7	55.06	10.349		
5,200.0	4,814.2	5,287.8	4,945.7	37.4	31.3	135.19	-1,329.7	498.6	579.3	522.1	57.15	10.136		
5,300.0	4,903.9	5,386.8	5,033.2	38.3	32.3	134.17	-1,373.2	514.0	589.0	529.7	59.25	9.941		
5,400.0	4,993.5	5,485.8	5,120.8	39.3	33.2	133.19	-1,416.8	529.4	598.8	537.5	61.35	9.761		
5,500.0	5,083.2	5,584.8	5,208.4	40.2	34.1	132.23	-1,460.3	544.8	608.9	545.4	63.45	9.597		
5,600.0	5,172.8	5,683.8	5,295.9	41.1	35.0	131.31	-1,503.8	560.2	619.1	553.5	65.55	9.445		
5,700.0	5,262.5	5,782.8	5,383.5	42.1	36.0	130.42	-1,547.3	575.6	629.4	561.8	67.65	9.305		
5,800.0	5,352.1	5,881.8	5,471.0	43.0	36.9	129.56	-1,590.8	591.0	639.9	570.2	69.74	9.175		
5,900.0	5,441.8	5,980.7	5,558.6	43.9	37.8	128.73	-1,634.4	606.4	650.6	578.7	71.84	9.056		
6,000.0	5,531.4	6,079.7	5,646.2	44.9	38.8	127.92	-1,677.9	621.8	661.4	587.4	73.93	8.946		
6,100.0	5,621.1	6,178.7	5,733.7	45.8	39.7	127.14	-1,721.4	637.2	672.3	596.2	76.02	8.843		
6,200.0	5,710.7	6,277.7	5,821.3	46.7	40.6	126.38	-1,764.9	652.6	683.3	605.2	78.10	8.748		
6,300.0	5,800.4	6,376.7	5,908.9	47.7	41.6	125.65	-1,808.4	668.0	694.4	614.2	80.19	8.660		
6,400.0	5,890.0	6,475.7	5,996.4	48.6	42.5	124.93	-1,852.0	683.4	705.7	623.4	82.26	8.578		
6,500.0	5,979.7	6,574.7	6,084.0	49.6	43.4	124.25	-1,895.5	698.8	717.0	632.7	84.34	8.502		
6,600.0	6,069.3	6,673.7	6,171.6	50.5	44.4	123.58	-1,939.0	714.2	728.5	642.1	86.40	8.431		
6,700.0	6,159.0	6,778.1	6,265.3	51.4	45.2	123.15	-1,982.0	730.6	739.8	651.5	88.24	8.384		
6,800.0	6,248.6	6,885.2	6,366.4	52.4	45.7	123.86	-2,012.1	748.3	750.1	661.0	89.14	8.415		
6,846.3	6,290.2	6,933.5	6,413.2	52.8	45.9	124.57	-2,020.5	756.5	754.6	665.4	89.25	8.455		
6,850.0	6,293.4	6,937.2	6,416.9	52.8	45.9	125.05	-2,021.1	757.1	755.0	665.8	89.23	8.461		
6,900.0	6,338.9	6,988.1	6,466.8	53.2	46.0	132.32	-2,026.3	765.8	760.0	671.2	88.80	8.558		
6,950.0	6,385.3	7,038.2	6,516.1	53.5	46.1	141.24	-2,027.8	774.4	765.3	677.1	88.26	8.671		
7,000.0	6,432.4	7,087.5	6,564.6	53.7	46.2	152.16	-2,026.0	782.8	770.9	683.3	87.62	8.798		
7,050.0	6,480.1	7,136.1	6,612.2	53.9	46.2	165.09	-2,020.8	791.0	776.6	689.7	86.90	8.937		
7,100.0	6,527.9	7,184.0	6,658.7	54.1	46.1	179.46	-2,012.6	799.0	782.6	696.5	86.13	9.086		
7,150.0	6,575.8	7,231.2	6,703.9	54.2	46.0	-166.03	-2,001.4	806.8	788.7	703.4	85.31	9.245		
7,200.0	6,623.5	7,277.8	6,747.7	54.3	45.9	-152.75	-1,987.3	814.3	794.9	710.4	84.46	9.411		
7,250.0	6,670.8	7,323.9	6,790.0	54.4	45.8	-141.47	-1,970.7	821.6	801.1	717.5	83.61	9.582		
7,300.0	6,717.4	7,369.5	6,830.8	54.4	45.6	-132.27	-1,951.5	828.6	807.4	724.6	82.76	9.755		
7,350.0	6,763.1	7,414.5	6,869.8	54.4	45.4	-124.85	-1,930.0	835.2	813.6	731.7	81.93	9.931		
7,400.0	6,807.7	7,459.1	6,907.0	54.3	45.2	-118.86	-1,906.4	841.6	819.7	738.6	81.12	10.105		
7,450.0	6,850.9	7,503.3	6,942.5	54.2	44.9	-113.95	-1,880.6	847.6	825.8	745.4	80.35	10.277		
7,500.0	6,892.6	7,547.2	6,976.0	54.1	44.7	-109.90	-1,852.9	853.3	831.7	752.0	79.63	10.444		
7,550.0	6,932.5	7,590.6	7,007.5	53.9	44.4	-106.50	-1,823.5	858.6	837.4	758.4	78.95	10.606		
7,600.0	6,970.5	7,633.8	7,037.0	53.7	44.1	-103.62	-1,792.4	863.5	842.8	764.5	78.34	10.759		
7,650.0	7,006.4	7,676.7	7,064.4	53.5	43.7	-101.16	-1,759.8	868.1	848.0	770.2	77.79	10.902		
7,700.0	7,040.0	7,719.3	7,089.7	53.2	43.4	-99.06	-1,725.7	872.4	852.9	775.6	77.30	11.033		
7,750.0	7,071.1	7,761.7	7,112.9	53.0	43.1	-97.25	-1,690.5	876.2	857.4	780.6	76.89	11.152		
7,800.0	7,099.5	7,803.9	7,133.9	52.7	42.8	-95.70	-1,654.0	879.7	861.6	785.1	76.54	11.257		
7,850.0	7,125.3	7,845.9	7,152.6	52.4	42.4	-94.38	-1,616.6	882.7	865.4	789.2	76.27	11.347		
7,900.0	7,148.1	7,887.7	7,169.1	52.1	42.1	-93.26	-1,578.2	885.4	868.8	792.7	76.07	11.421		
7,950.0	7,167.9	7,929.4	7,183.3	51.8	41.7	-92.32	-1,539.1	887.7	871.8	795.8	75.94	11.479		
8,000.0	7,184.7	7,971.0	7,195.2	51.4	41.4	-91.55	-1,499.3	889.5	874.3	798.4	75.88	11.522		
8,050.0	7,198.3	8,012.5	7,204.8	51.1	41.0	-90.95	-1,458.9	891.0	876.3	800.4	75.88	11.549		
8,100.0	7,208.6	8,050.0	7,211.5	50.8	40.7	-90.50	-1,422.1	892.0	877.9	801.9	75.96	11.557		
8,150.0	7,215.6	8,095.3	7,217.0	50.4	40.4	-90.19	-1,377.1	892.7	878.9	802.9	76.03	11.560		
8,200.0	7,219.4	8,136.7	7,219.6	50.1	40.1	-90.03	-1,335.8	893.0	879.5	803.3	76.17	11.547		
8,230.7	7,220.0	8,162.2	7,220.0	49.9	39.9	-90.00	-1,310.3	892.9	879.6	803.3	76.26	11.534		
8,300.0	7,220.0	8,231.5	7,220.0	49.4	39.3	-90.00	-1,241.0	892.6	879.6	804.2	75.39	11.667		
8,400.0	7,220.0	8,331.5	7,220.0	48.7	38.6	-90.00	-1,141.0	892.1	879.6	805.4	74.20	11.855		
8,500.0	7,220.0	8,431.5	7,220.0	48.1	38.0	-90.00	-1,041.0	891.6	879.6	806.4	73.19	12.018		
8,600.0	7,220.0	8,531.5	7,220.0	47.5	37.4	-90.00	-941.0	891.1	879.6	807.3	72.37	12.155		

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

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 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	
8,700.0	7,220.0	8,631.5	7,220.0	46.9	36.9	-90.00	-841.0	890.6	879.6	807.9	71.75	12.260	
8,800.0	7,220.0	8,731.5	7,220.0	46.3	36.5	-90.00	-741.0	890.1	879.6	808.3	71.33	12.333	
8,900.0	7,220.0	8,831.5	7,220.0	45.8	36.1	-90.00	-641.0	889.6	879.7	808.5	71.11	12.370	
9,000.0	7,220.0	8,931.5	7,220.0	45.3	35.9	-90.00	-541.0	889.1	879.7	808.6	71.10	12.372	
9,100.0	7,220.0	9,031.5	7,220.0	44.8	35.7	-90.00	-441.0	888.7	879.7	808.4	71.30	12.337	
9,200.0	7,220.0	9,131.5	7,220.0	44.4	35.7	-90.00	-341.0	888.2	879.7	808.0	71.71	12.268	
9,300.0	7,220.0	9,231.5	7,220.0	44.0	35.8	-90.00	-241.0	887.7	879.7	807.4	72.32	12.164	
9,400.0	7,220.0	9,331.5	7,220.0	43.6	35.9	-90.00	-141.0	887.2	879.7	806.6	73.12	12.031	
9,500.0	7,220.0	9,431.5	7,220.0	43.3	36.3	-90.00	-41.0	886.7	879.7	805.6	74.12	11.869	
9,600.0	7,220.0	9,531.5	7,220.0	43.0	36.7	-90.00	59.0	886.2	879.7	804.4	75.30	11.683	
9,700.0	7,220.0	9,631.5	7,220.0	42.8	37.3	-90.00	159.0	885.7	879.7	803.1	76.65	11.477	
9,800.0	7,220.0	9,731.5	7,220.0	42.6	38.0	-90.00	259.0	885.2	879.7	801.6	78.17	11.254	
9,900.0	7,220.0	9,831.5	7,220.0	42.6	38.8	-90.00	359.0	884.7	879.8	799.9	79.85	11.017	
10,000.0	7,220.0	9,931.5	7,220.0	42.8	39.7	-90.00	459.0	884.2	879.8	798.1	81.68	10.771	
10,100.0	7,220.0	10,031.5	7,220.0	43.3	40.6	-90.00	559.0	883.8	879.8	796.1	83.63	10.520	
10,101.2	7,220.0	10,032.6	7,220.0	43.3	40.6	-90.00	560.1	883.7	879.8	796.1	83.65	10.517	
10,115.3	7,220.0	10,040.9	7,220.0	43.4	40.7	-90.00	568.3	883.7	879.8	795.9	83.88	10.489	
10,200.0	7,220.0	10,100.0	7,220.0	44.0	41.2	-90.00	627.5	882.5	879.4	794.2	85.19	10.322	
10,301.0	7,220.0	10,172.1	7,220.0	44.9	41.8	-90.00	699.4	878.6	877.3	790.9	86.45	10.149	
10,384.3	7,220.0	10,230.4	7,220.0	45.8	42.3	-90.00	757.5	873.4	876.2	788.5	87.75	9.985	
10,400.0	7,220.0	10,244.3	7,220.0	46.0	42.4	-90.00	771.3	871.9	876.3	788.2	88.04	9.953	
10,500.0	7,220.0	10,344.3	7,220.0	47.3	43.6	-90.00	870.8	861.5	876.5	786.1	90.34	9.702	
10,600.0	7,220.0	10,444.3	7,220.0	48.7	44.9	-90.00	970.2	851.1	876.7	783.9	92.83	9.444	
10,700.0	7,220.0	10,544.3	7,220.0	50.1	46.3	-90.00	1,069.7	840.7	876.9	781.5	95.42	9.190	
10,800.0	7,220.0	10,644.3	7,220.0	51.6	47.7	-90.00	1,169.1	830.3	877.1	779.0	98.10	8.941	
10,900.0	7,220.0	10,744.3	7,220.0	53.0	49.1	-90.00	1,268.6	820.0	877.3	776.5	100.86	8.699	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 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		
0.0	0.0	0.0	0.0	0.0	0.0	-0.16	100.2	-0.3	100.2					
100.0	100.0	100.0	100.0	0.1	0.1	-0.16	100.2	-0.3	100.2	100.0	0.22	445.731		
200.0	200.0	200.0	200.0	0.3	0.3	-0.16	100.2	-0.3	100.2	99.5	0.67	148.577		
300.0	300.0	300.0	300.0	0.6	0.6	-0.16	100.2	-0.3	100.2	99.1	1.12	89.146		
400.0	400.0	400.0	400.0	0.8	0.8	-0.16	100.2	-0.3	100.2	98.6	1.57	63.676		
500.0	500.0	500.0	500.0	1.0	1.0	-0.16	100.2	-0.3	100.2	98.2	2.02	49.526		
600.0	600.0	600.0	600.0	1.2	1.2	-0.16	100.2	-0.3	100.2	97.7	2.47	40.521 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-143.55	100.2	-0.3	101.6	98.7	2.90	35.043		
800.0	799.8	799.8	799.8	1.6	1.7	-145.19	100.2	-0.3	105.8	102.5	3.31	31.957		
900.0	899.5	899.5	899.5	1.8	1.9	-147.63	100.2	-0.3	113.1	109.4	3.74	30.271		
1,000.0	998.7	998.7	998.7	2.1	2.1	-150.54	100.2	-0.3	123.6	119.4	4.17	29.637		
1,100.0	1,097.5	1,097.5	1,097.5	2.4	2.4	-153.62	100.2	-0.3	137.5	132.8	4.61	29.817		
1,200.0	1,195.6	1,195.6	1,195.6	2.7	2.6	-156.61	100.2	-0.3	154.8	149.8	5.05	30.641		
1,300.0	1,293.1	1,293.1	1,293.1	3.1	2.8	-159.36	100.2	-0.3	175.8	170.3	5.50	31.975		
1,400.0	1,389.6	1,389.6	1,389.6	3.6	3.0	-161.81	100.2	-0.3	200.3	194.3	5.94	33.712		
1,500.0	1,485.3	1,485.3	1,485.3	4.1	3.2	-163.93	100.2	-0.3	228.3	221.9	6.38	35.767		
1,600.0	1,579.8	1,579.8	1,579.8	4.7	3.4	-165.75	100.2	-0.3	259.9	253.0	6.83	38.072		
1,700.0	1,673.2	1,681.4	1,681.4	5.4	3.6	-167.48	99.1	0.0	293.8	286.6	7.25	40.499		
1,800.0	1,765.2	1,786.1	1,786.0	6.1	3.8	-169.16	94.3	1.2	327.9	320.3	7.66	42.835		
1,900.0	1,855.8	1,892.1	1,891.6	7.0	4.0	-170.77	85.8	3.4	362.1	354.1	8.06	44.931		
1,915.0	1,869.3	1,908.1	1,907.5	7.1	4.1	-171.01	84.1	3.8	367.3	359.2	8.12	45.224		
2,000.0	1,945.5	1,999.8	1,998.5	7.8	4.2	-172.41	73.2	6.6	395.2	386.7	8.54	46.290		
2,100.0	2,035.2	2,109.9	2,107.2	8.7	4.5	-173.98	56.3	10.9	425.1	416.1	9.05	46.967		
2,200.0	2,124.8	2,222.3	2,217.4	9.6	4.8	-175.52	35.0	16.4	451.7	442.1	9.59	47.088		
2,300.0	2,214.5	2,336.5	2,328.4	10.5	5.1	-177.06	9.0	23.0	474.8	464.7	10.17	46.705		
2,400.0	2,304.1	2,452.3	2,439.8	11.4	5.6	-178.65	-21.8	30.9	494.6	483.8	10.78	45.858		
2,500.0	2,393.7	2,569.4	2,551.0	12.3	6.1	179.69	-57.2	39.9	510.8	499.4	11.45	44.621		
2,600.0	2,483.4	2,687.3	2,661.4	13.2	6.7	177.92	-97.3	50.2	523.7	511.5	12.20	42.943		
2,700.0	2,573.0	2,805.7	2,770.4	14.2	7.5	176.03	-142.0	61.6	533.2	520.2	13.03	40.920		
2,800.0	2,662.7	2,924.1	2,877.5	15.1	8.3	173.99	-191.1	74.1	539.5	525.5	13.99	38.574		
2,900.0	2,752.3	3,042.2	2,982.1	16.0	9.2	171.76	-244.2	87.7	542.7	527.6	15.09	35.970		
3,000.0	2,842.0	3,159.6	3,083.7	16.9	10.2	169.33	-301.1	102.2	542.9	526.6	16.36	33.183		
3,100.0	2,931.6	3,259.3	3,168.8	17.9	11.1	167.13	-351.4	115.1	541.9	524.2	17.67	30.675		
3,177.5	3,001.1	3,335.0	3,233.4	18.6	11.9	165.45	-389.7	124.8	541.7	522.9	18.75	28.894		
3,200.0	3,021.3	3,357.0	3,252.2	18.8	12.1	164.97	-400.8	127.7	541.7	522.6	19.07	28.399		
3,300.0	3,110.9	3,454.8	3,335.6	19.7	13.0	162.81	-450.2	140.3	542.3	521.7	20.60	26.325		
3,400.0	3,200.6	3,552.6	3,419.1	20.6	13.9	160.65	-499.6	152.9	543.7	521.4	22.24	24.449		
3,500.0	3,290.2	3,650.4	3,502.5	21.6	14.9	158.51	-549.0	165.5	545.9	521.9	23.98	22.764		
3,600.0	3,379.9	3,748.2	3,586.0	22.5	15.9	156.39	-598.3	178.1	548.8	523.0	25.82	21.257		
3,700.0	3,469.5	3,846.0	3,669.4	23.4	16.8	154.29	-647.7	190.8	552.6	524.8	27.75	19.914		
3,800.0	3,559.2	3,943.8	3,752.9	24.4	17.8	152.23	-697.1	203.4	557.1	527.3	29.76	18.722		
3,900.0	3,648.8	4,041.6	3,836.3	25.3	18.8	150.19	-746.5	216.0	562.4	530.5	31.83	17.665		
4,000.0	3,738.5	4,139.3	3,919.8	26.2	19.8	148.20	-795.9	228.6	568.3	534.4	33.97	16.729		
4,100.0	3,828.1	4,237.1	4,003.2	27.1	20.8	146.25	-845.3	241.2	575.0	538.9	36.16	15.900		
4,200.0	3,917.8	4,334.9	4,086.7	28.1	21.8	144.34	-894.7	253.8	582.4	544.0	38.40	15.167		
4,300.0	4,007.4	4,432.7	4,170.1	29.0	22.8	142.48	-944.1	266.4	590.4	549.7	40.66	14.518		
4,400.0	4,097.1	4,530.5	4,253.6	29.9	23.8	140.67	-993.5	279.1	599.0	556.0	42.96	13.944		
4,500.0	4,186.7	4,628.3	4,337.0	30.9	24.8	138.92	-1,042.9	291.7	608.2	563.0	45.27	13.434		
4,600.0	4,276.4	4,726.1	4,420.5	31.8	25.8	137.21	-1,092.3	304.3	618.0	570.4	47.60	12.983		
4,700.0	4,366.0	4,823.9	4,503.9	32.7	26.8	135.56	-1,141.7	316.9	628.4	578.4	49.94	12.582		
4,800.0	4,455.7	4,921.6	4,587.4	33.7	27.8	133.96	-1,191.0	329.5	639.2	586.9	52.28	12.226		
4,900.0	4,545.3	5,019.4	4,670.8	34.6	28.8	132.41	-1,240.4	342.1	650.6	595.9	54.62	11.910		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)												Offset Well Error:	0.0 ft
Survey Program: 0-MWD													
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
5,000.0	4,634.9	5,117.2	4,754.3	35.5	29.8	130.92	-1,289.8	354.8	662.4	605.4	56.96	11.629	
5,100.0	4,724.6	5,215.0	4,837.7	36.5	30.8	129.48	-1,339.2	367.4	674.6	615.3	59.29	11.378	
5,200.0	4,814.2	5,312.8	4,921.2	37.4	31.8	128.08	-1,388.6	380.0	687.3	625.7	61.62	11.155	
5,300.0	4,903.9	5,410.6	5,004.6	38.3	32.8	126.74	-1,438.0	392.6	700.4	636.4	63.93	10.956	
5,400.0	4,993.5	5,508.4	5,088.1	39.3	33.8	125.45	-1,487.4	405.2	713.8	647.6	66.23	10.778	
5,500.0	5,083.2	5,606.2	5,171.5	40.2	34.8	124.20	-1,536.8	417.8	727.6	659.1	68.51	10.620	
5,600.0	5,172.8	5,703.9	5,255.0	41.1	35.9	123.00	-1,586.2	430.4	741.7	671.0	70.79	10.479	
5,700.0	5,262.5	5,801.7	5,338.4	42.1	36.9	121.85	-1,635.6	443.1	756.2	683.1	73.04	10.353	
5,800.0	5,352.1	5,899.5	5,421.9	43.0	37.9	120.73	-1,685.0	455.7	770.9	695.6	75.29	10.240	
5,900.0	5,441.8	5,997.3	5,505.3	43.9	38.9	119.66	-1,734.3	468.3	786.0	708.4	77.51	10.140	
6,000.0	5,531.4	6,095.1	5,588.8	44.9	39.9	118.63	-1,783.7	480.9	801.2	721.5	79.72	10.050	
6,100.0	5,621.1	6,192.9	5,672.2	45.8	40.9	117.63	-1,833.1	493.5	816.8	734.9	81.92	9.971	
6,200.0	5,710.7	6,290.7	5,755.7	46.7	41.9	116.68	-1,882.5	506.1	832.5	748.4	84.10	9.900	
6,300.0	5,800.4	6,390.5	5,840.9	47.7	43.0	115.74	-1,932.9	519.0	848.5	762.3	86.28	9.835	
6,400.0	5,890.0	6,520.3	5,957.6	48.6	43.8	115.44	-1,986.5	536.6	862.7	774.6	88.07	9.795 SF	
6,500.0	5,979.7	6,648.8	6,080.7	49.6	44.4	116.64	-2,017.8	555.0	873.3	784.3	89.05	9.806	
6,600.0	6,069.3	6,768.3	6,198.4	50.5	44.6	119.02	-2,026.5	572.5	881.5	792.3	89.20	9.883	
6,700.0	6,159.0	6,874.0	6,302.5	51.4	44.6	122.07	-2,017.6	587.9	889.2	800.6	88.62	10.034	
6,800.0	6,248.6	6,964.4	6,389.8	52.4	44.4	125.32	-1,997.8	600.7	898.5	811.0	87.54	10.264	
6,846.3	6,290.2	7,001.3	6,424.5	52.8	44.3	126.80	-1,986.5	605.8	904.0	817.1	86.95	10.397	
6,850.0	6,293.4	7,004.1	6,427.1	52.8	44.3	127.34	-1,985.6	606.2	904.5	817.6	86.87	10.412	
6,900.0	6,338.9	7,041.6	6,461.8	53.2	44.2	135.43	-1,972.2	611.3	911.6	825.9	85.70	10.637	
6,950.0	6,385.3	7,078.2	6,494.8	53.5	44.0	145.19	-1,957.4	616.1	919.9	835.5	84.43	10.895	
7,000.0	6,432.4	7,113.8	6,526.3	53.7	43.9	156.95	-1,941.3	620.7	929.2	846.1	83.08	11.185	
7,050.0	6,480.1	7,150.0	6,557.4	53.9	43.7	170.77	-1,923.4	625.2	939.4	857.8	81.64	11.507	
7,100.0	6,527.9	7,183.0	6,585.0	54.1	43.5	-174.07	-1,905.6	629.2	950.3	870.1	80.24	11.844	
7,150.0	6,575.8	7,216.7	6,612.3	54.2	43.3	-158.73	-1,886.2	633.2	961.9	883.1	78.81	12.205	
7,200.0	6,623.5	7,250.0	6,638.3	54.3	43.1	-144.64	-1,865.9	636.9	973.8	896.4	77.40	12.582	
7,250.0	6,670.8	7,282.7	6,662.9	54.4	42.8	-132.58	-1,844.6	640.5	986.1	910.1	76.03	12.971	
7,300.0	6,717.4	7,315.1	6,686.4	54.4	42.6	-122.62	-1,822.5	643.8	998.6	923.9	74.71	13.366	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
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		
0.0	0.0	0.0	0.0	0.0	0.0	-0.80	20.0	-0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	-0.80	20.0	-0.3	20.0	19.8	0.22	89.154		
200.0	200.0	200.0	200.0	0.3	0.3	-0.80	20.0	-0.3	20.0	19.4	0.67	29.718		
300.0	300.0	300.0	300.0	0.6	0.6	-0.80	20.0	-0.3	20.0	18.9	1.12	17.831		
400.0	400.0	400.0	400.0	0.8	0.8	-0.80	20.0	-0.3	20.0	18.5	1.57	12.736		
500.0	500.0	500.0	500.0	1.0	1.0	-0.80	20.0	-0.3	20.0	18.0	2.02	9.906		
600.0	600.0	600.0	600.0	1.2	1.2	-0.80	20.0	-0.3	20.0	17.6	2.47	8.105 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-146.36	20.0	-0.3	21.5	18.6	2.90	7.406		
800.0	799.8	799.8	799.8	1.6	1.7	-152.72	20.0	-0.3	26.0	22.7	3.31	7.848		
900.0	899.5	900.6	900.5	1.8	1.9	-158.62	18.6	0.7	32.3	28.6	3.71	8.715		
1,000.0	998.7	1,001.5	1,001.4	2.1	2.1	-162.93	14.1	3.6	38.7	34.7	4.09	9.481		
1,100.0	1,097.5	1,102.7	1,102.2	2.4	2.3	-166.33	6.6	8.4	45.2	40.8	4.48	10.101		
1,200.0	1,195.6	1,204.2	1,202.9	2.7	2.5	-169.16	-3.9	15.1	51.8	46.9	4.89	10.601		
1,300.0	1,293.1	1,305.9	1,303.3	3.1	2.8	-171.61	-17.4	23.9	58.3	53.0	5.30	10.999		
1,400.0	1,389.6	1,407.9	1,403.3	3.6	3.1	-173.80	-34.0	34.5	64.9	59.2	5.74	11.311		
1,500.0	1,485.3	1,510.0	1,502.8	4.1	3.5	-175.80	-53.5	47.2	71.4	65.2	6.19	11.545		
1,600.0	1,579.8	1,612.5	1,601.6	4.7	4.0	-177.66	-76.1	61.7	78.0	71.3	6.66	11.708		
1,700.0	1,673.2	1,715.1	1,699.7	5.4	4.5	-179.42	-101.8	78.3	84.5	77.3	7.16	11.801		
1,800.0	1,765.2	1,818.0	1,796.7	6.1	5.1	178.90	-130.4	96.7	91.0	83.3	7.69	11.835		
1,900.0	1,855.8	1,921.2	1,892.8	7.0	5.8	177.29	-162.0	117.1	97.5	89.2	8.26	11.803		
1,915.0	1,869.3	1,936.7	1,907.1	7.1	5.9	177.05	-167.0	120.3	98.4	90.1	8.35	11.792		
2,000.0	1,945.5	2,024.6	1,987.6	7.8	6.6	175.68	-196.6	139.4	102.7	93.7	8.95	11.478		
2,100.0	2,035.2	2,128.2	2,081.1	8.7	7.4	173.88	-234.1	163.6	104.4	94.7	9.71	10.752		
2,200.0	2,124.8	2,230.9	2,172.2	9.6	8.3	171.76	-274.0	189.3	102.9	92.3	10.57	9.732		
2,300.0	2,214.5	2,330.8	2,260.3	10.5	9.2	169.49	-313.6	214.9	100.4	88.9	11.51	8.723		
2,400.0	2,304.1	2,430.7	2,348.4	11.4	10.2	167.11	-353.1	240.4	98.2	85.6	12.57	7.810		
2,500.0	2,393.7	2,530.6	2,436.5	12.3	11.1	164.62	-392.7	265.9	96.1	82.4	13.76	6.987		
2,600.0	2,483.4	2,630.4	2,524.6	13.2	12.0	162.03	-432.2	291.4	94.3	79.2	15.09	6.247		
2,700.0	2,573.0	2,730.3	2,612.7	14.2	13.0	159.35	-471.8	316.9	92.6	76.0	16.57	5.588		
2,800.0	2,662.7	2,830.2	2,700.8	15.1	14.0	156.56	-511.3	342.4	91.1	72.9	18.21	5.004		
2,900.0	2,752.3	2,930.1	2,788.9	16.0	14.9	153.70	-550.9	367.9	89.9	69.9	20.01	4.491		
3,000.0	2,842.0	3,030.0	2,877.1	16.9	15.9	150.76	-590.4	393.4	88.9	66.9	21.97	4.044		
3,100.0	2,931.6	3,129.9	2,965.2	17.9	16.9	147.77	-630.0	418.9	88.1	64.0	24.08	3.657		
3,200.0	3,021.3	3,229.8	3,053.3	18.8	17.8	144.72	-669.5	444.4	87.6	61.2	26.33	3.325		
3,300.0	3,110.9	3,329.7	3,141.4	19.7	18.8	141.65	-709.1	469.9	87.3	58.6	28.70	3.041		
3,360.7	3,165.3	3,390.3	3,194.9	20.3	19.4	139.79	-733.1	485.4	87.2	57.0	30.19	2.889		
3,400.0	3,200.6	3,429.6	3,229.5	20.6	19.8	138.57	-748.6	495.4	87.2	56.1	31.18	2.798		
3,500.0	3,290.2	3,529.5	3,317.6	21.6	20.7	135.50	-788.2	520.9	87.5	53.7	33.73	2.593		
3,600.0	3,379.9	3,629.3	3,405.7	22.5	21.7	132.45	-827.7	546.4	87.9	51.6	36.34	2.420		
3,700.0	3,469.5	3,729.2	3,493.8	23.4	22.7	129.44	-867.3	571.9	88.7	49.7	38.99	2.274		
3,800.0	3,559.2	3,829.1	3,581.9	24.4	23.7	126.49	-906.8	597.4	89.6	48.0	41.66	2.152		
3,900.0	3,648.8	3,929.0	3,670.0	25.3	24.7	123.61	-946.4	622.9	90.8	46.5	44.32	2.049		
4,000.0	3,738.5	4,028.9	3,758.1	26.2	25.6	120.81	-985.9	648.5	92.2	45.3	46.96	1.964		
4,100.0	3,828.1	4,128.8	3,846.2	27.1	26.6	118.10	-1,025.5	674.0	93.9	44.3	49.57	1.894		
4,200.0	3,917.8	4,228.7	3,934.4	28.1	27.6	115.49	-1,065.0	699.5	95.7	43.6	52.14	1.836		
4,300.0	4,007.4	4,328.6	4,022.5	29.0	28.6	112.99	-1,104.6	725.0	97.7	43.1	54.66	1.788		
4,400.0	4,097.1	4,428.5	4,110.6	29.9	29.6	110.58	-1,144.1	750.5	100.0	42.8	57.12	1.750		
4,500.0	4,186.7	4,528.4	4,198.7	30.9	30.5	108.29	-1,183.7	776.0	102.3	42.8	59.52	1.719		
4,600.0	4,276.4	4,628.2	4,286.8	31.8	31.5	106.10	-1,223.2	801.5	104.9	43.0	61.87	1.695		
4,700.0	4,366.0	4,728.1	4,374.9	32.7	32.5	104.02	-1,262.8	827.0	107.5	43.4	64.15	1.676		
4,800.0	4,455.7	4,828.0	4,463.0	33.7	33.5	102.04	-1,302.3	852.5	110.3	44.0	66.37	1.663		
4,900.0	4,545.3	4,927.9	4,551.1	34.6	34.5	100.17	-1,341.9	878.0	113.3	44.7	68.53	1.653		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWDD													Offset Well Error:	0.0ft
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		
5,000.0	4,634.9	5,027.8	4,639.2	35.5	35.5	98.39	-1,381.4	903.5	116.3	45.7	70.64	1.647		
5,100.0	4,724.6	5,127.7	4,727.3	36.5	36.4	96.70	-1,421.0	929.0	119.5	46.8	72.70	1.644		
5,200.0	4,814.2	5,227.6	4,815.4	37.4	37.4	95.10	-1,460.5	954.5	122.8	48.0	74.72	1.643		
5,300.0	4,903.9	5,327.5	4,903.5	38.3	38.4	93.58	-1,500.1	980.0	126.1	49.4	76.68	1.644		
5,400.0	4,993.5	5,427.4	4,991.7	39.3	39.4	92.15	-1,539.6	1,005.5	129.5	50.9	78.61	1.648		
5,500.0	5,083.2	5,527.2	5,079.8	40.2	40.4	90.78	-1,579.2	1,031.0	133.0	52.5	80.50	1.653		
5,600.0	5,172.8	5,627.1	5,167.9	41.1	41.4	89.49	-1,618.7	1,056.6	136.6	54.3	82.36	1.659		
5,700.0	5,262.5	5,727.0	5,256.0	42.1	42.3	88.27	-1,658.3	1,082.1	140.3	56.1	84.18	1.666		
5,800.0	5,352.1	5,826.9	5,344.1	43.0	43.3	87.10	-1,697.8	1,107.6	144.0	58.0	85.97	1.675		
5,900.0	5,441.8	5,926.8	5,432.2	43.9	44.3	86.00	-1,737.4	1,133.1	147.7	60.0	87.74	1.684		
6,000.0	5,531.4	6,026.7	5,520.3	44.9	45.3	84.95	-1,776.9	1,158.6	151.6	62.1	89.49	1.694		
6,100.0	5,621.1	6,126.6	5,608.4	45.8	46.3	83.96	-1,816.5	1,184.1	155.4	64.2	91.21	1.704		
6,200.0	5,710.7	6,226.5	5,696.5	46.7	47.3	83.01	-1,856.0	1,209.6	159.3	66.4	92.91	1.715		
6,300.0	5,800.4	6,326.4	5,784.6	47.7	48.3	82.10	-1,895.6	1,235.1	163.3	68.7	94.60	1.726		
6,400.0	5,890.0	6,426.3	5,872.7	48.6	49.2	81.24	-1,935.1	1,260.6	167.3	71.0	96.27	1.737		
6,500.0	5,979.7	6,531.8	5,966.1	49.6	50.2	80.53	-1,976.3	1,287.6	170.9	72.9	97.96	1.744		
6,600.0	6,069.3	6,652.7	6,077.7	50.5	51.0	83.04	-2,009.6	1,319.8	165.3	65.0	100.32	1.648		
6,700.0	6,159.0	6,767.3	6,186.9	51.4	51.5	90.83	-2,022.7	1,351.3	148.9	46.1	102.80	1.449 Level 3		
6,800.0	6,248.6	6,870.7	6,286.1	52.4	51.7	105.46	-2,018.8	1,379.8	127.8	26.1	101.71	1.257 Level 3		
6,846.3	6,290.2	6,914.2	6,327.5	52.8	51.7	114.75	-2,012.7	1,391.7	119.8	21.9	97.91	1.223 Level 2		
6,850.0	6,293.4	6,917.5	6,330.6	52.8	51.7	115.89	-2,012.1	1,392.6	119.3	21.8	97.50	1.223 Level 2, SF		
6,900.0	6,338.9	6,962.0	6,372.5	53.2	51.7	132.47	-2,003.0	1,404.6	115.1	24.7	90.38	1.274 Level 3		
6,913.4	6,351.3	6,973.7	6,383.5	53.2	51.7	137.23	-2,000.2	1,407.7	114.9	26.9	88.04	1.305 Level 3		
6,950.0	6,385.3	7,005.2	6,412.6	53.5	51.7	150.85	-1,991.6	1,416.0	116.3	35.3	81.08	1.435 Level 3		
7,000.0	6,432.4	7,047.2	6,450.9	53.7	51.7	170.64	-1,978.1	1,426.9	122.5	51.4	71.15	1.722		
7,050.0	6,480.1	7,088.2	6,487.4	53.9	51.6	-168.62	-1,962.8	1,437.4	132.7	70.5	62.18	2.134		
7,100.0	6,527.9	7,128.3	6,522.2	54.1	51.5	-147.74	-1,945.7	1,447.3	145.7	90.6	55.12	2.643		
7,150.0	6,575.8	7,167.5	6,555.3	54.2	51.4	-127.97	-1,927.0	1,456.7	160.6	110.5	50.11	3.205		
7,200.0	6,623.5	7,205.9	6,586.8	54.3	51.2	-110.53	-1,906.8	1,465.7	176.6	129.9	46.72	3.780		
7,250.0	6,670.8	7,243.7	6,616.8	54.4	51.1	-96.00	-1,885.4	1,474.2	193.2	148.8	44.39	4.352		
7,300.0	6,717.4	7,280.9	6,645.1	54.4	50.9	-84.28	-1,862.7	1,482.2	209.9	167.3	42.60	4.927		
7,350.0	6,763.1	7,317.6	6,671.9	54.4	50.8	-74.91	-1,838.8	1,489.8	226.5	185.5	41.01	5.522		
7,400.0	6,807.7	7,350.0	6,694.6	54.3	50.6	-67.59	-1,816.6	1,496.2	242.8	203.3	39.44	6.156		
7,450.0	6,850.9	7,389.5	6,720.9	54.2	50.4	-61.37	-1,788.1	1,503.6	258.5	220.8	37.71	6.855		
7,500.0	6,892.6	7,424.9	6,743.1	54.1	50.2	-56.44	-1,761.3	1,509.9	273.6	237.8	35.87	7.629		
7,550.0	6,932.5	7,459.9	6,763.9	53.9	49.9	-52.39	-1,733.7	1,515.7	288.1	254.1	33.91	8.495		
7,600.0	6,970.5	7,500.0	6,786.0	53.7	49.7	-48.91	-1,700.8	1,521.9	301.7	269.9	31.86	9.470		
7,650.0	7,006.4	7,529.0	6,800.9	53.5	49.5	-46.23	-1,676.3	1,526.1	314.5	284.5	29.91	10.512		
7,700.0	7,040.0	7,563.2	6,817.2	53.2	49.3	-43.87	-1,646.6	1,530.6	326.3	298.2	28.09	11.615		
7,750.0	7,071.1	7,600.0	6,833.2	53.0	49.0	-41.86	-1,613.8	1,535.1	337.2	310.7	26.56	12.698		
7,800.0	7,099.5	7,631.0	6,845.4	52.7	48.8	-40.24	-1,585.5	1,538.5	347.1	321.6	25.56	13.583		
7,850.0	7,125.3	7,664.6	6,857.3	52.4	48.6	-38.85	-1,554.2	1,541.7	356.0	330.9	25.18	14.142		
7,900.0	7,148.1	7,700.0	6,868.3	52.1	48.3	-37.68	-1,520.7	1,544.7	363.9	338.4	25.54	14.250		
7,950.0	7,167.9	7,731.4	6,876.8	51.8	48.1	-36.74	-1,490.5	1,547.0	370.7	343.9	26.73	13.866		
8,000.0	7,184.7	7,764.7	6,884.3	51.4	47.9	-35.98	-1,458.2	1,549.0	376.4	347.7	28.65	13.137		
8,050.0	7,198.3	7,800.0	6,890.7	51.1	47.6	-35.37	-1,423.5	1,550.7	380.9	349.8	31.18	12.219		
8,100.0	7,208.6	7,831.0	6,894.9	50.8	47.4	-34.94	-1,392.8	1,551.8	384.4	350.2	34.22	11.233		
8,150.0	7,215.6	7,864.0	6,898.0	50.4	47.2	-34.65	-1,359.9	1,552.5	386.7	349.1	37.61	10.284		
8,200.0	7,219.4	7,900.0	6,899.8	50.1	46.9	-34.49	-1,324.0	1,552.8	388.0	346.8	41.22	9.411		
8,230.7	7,220.0	7,918.1	6,900.0	49.9	46.8	-34.47	-1,306.0	1,552.8	388.1	344.6	43.54	8.915		
8,254.7	7,220.0	7,941.0	6,900.0	49.7	46.6	-34.47	-1,283.0	1,552.7	388.1	344.7	43.44	8.936		
8,300.0	7,220.0	7,986.3	6,900.0	49.4	46.3	-34.47	-1,237.8	1,552.5	388.1	344.9	43.25	8.975		

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

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error: 0.0 ft	
Survey Program: 0-MWD													Offset Well Error: 0.0 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	
8,400.0	7,220.0	8,086.3	6,900.0	48.7	45.6	-34.47	-1,137.8	1,552.0	388.1	345.3	42.88	9.052		
8,500.0	7,220.0	8,186.3	6,900.0	48.1	44.9	-34.47	-1,037.8	1,551.6	388.1	345.5	42.65	9.100		
8,600.0	7,220.0	8,286.3	6,900.0	47.5	44.3	-34.47	-937.8	1,551.1	388.1	345.6	42.57	9.117		
8,700.0	7,220.0	8,386.3	6,900.0	46.9	43.7	-34.46	-837.8	1,550.6	388.1	345.5	42.63	9.104		
8,800.0	7,220.0	8,486.3	6,900.0	46.3	43.2	-34.46	-737.8	1,550.1	388.1	345.3	42.84	9.060		
8,900.0	7,220.0	8,586.3	6,900.0	45.8	42.7	-34.46	-637.8	1,549.7	388.1	344.9	43.19	8.987		
9,000.0	7,220.0	8,686.3	6,900.0	45.3	42.2	-34.46	-537.8	1,549.2	388.1	344.4	43.68	8.886		
9,100.0	7,220.0	8,786.3	6,900.0	44.8	41.8	-34.46	-437.8	1,548.7	388.1	343.8	44.30	8.761		
9,200.0	7,220.0	8,886.3	6,900.0	44.4	41.4	-34.46	-337.8	1,548.2	388.1	343.1	45.05	8.615		
9,300.0	7,220.0	8,986.3	6,900.0	44.0	41.1	-34.46	-237.8	1,547.8	388.1	342.2	45.93	8.451		
9,400.0	7,220.0	9,086.3	6,900.0	43.6	40.8	-34.46	-137.8	1,547.3	388.1	341.2	46.92	8.272		
9,500.0	7,220.0	9,186.3	6,900.0	43.3	40.6	-34.46	-37.8	1,546.8	388.1	340.1	48.01	8.083		
9,600.0	7,220.0	9,286.3	6,900.0	43.0	40.5	-34.46	62.2	1,546.3	388.1	338.9	49.21	7.886		
9,700.0	7,220.0	9,386.3	6,900.0	42.8	40.5	-34.46	162.2	1,545.9	388.1	337.6	50.51	7.684		
9,800.0	7,220.0	9,486.3	6,900.0	42.6	40.7	-34.45	262.2	1,545.4	388.1	336.2	51.89	7.479		
9,900.0	7,220.0	9,586.3	6,900.0	42.6	41.1	-34.45	362.2	1,544.9	388.1	334.7	53.35	7.274		
10,000.0	7,220.0	9,686.3	6,900.0	42.8	41.7	-34.45	462.2	1,544.5	388.1	333.2	54.88	7.071		
10,100.0	7,220.0	9,786.3	6,900.0	43.3	42.5	-34.45	562.2	1,544.0	388.1	331.6	56.49	6.870		
10,113.9	7,220.0	9,800.1	6,900.0	43.4	42.6	-34.45	576.1	1,543.9	388.1	331.4	56.71	6.843		
10,115.3	7,220.0	9,800.1	6,900.0	43.4	42.6	-34.45	576.1	1,543.9	388.1	331.3	56.72	6.842		
10,200.0	7,220.0	9,877.4	6,900.0	44.0	43.2	-34.43	653.3	1,542.0	388.0	329.5	58.50	6.632		
10,301.0	7,220.0	9,968.0	6,900.0	44.9	44.0	-34.35	743.7	1,535.8	387.6	327.1	60.46	6.411		
10,332.1	7,220.0	9,996.8	6,900.0	45.2	44.3	-34.34	772.4	1,532.9	387.6	326.6	60.93	6.361		
10,400.0	7,220.0	10,064.8	6,900.0	46.0	45.2	-34.35	840.0	1,525.9	387.6	325.5	62.10	6.241		
10,500.0	7,220.0	10,164.8	6,900.0	47.3	46.5	-34.36	939.4	1,515.6	387.6	323.7	63.90	6.066		
10,600.0	7,220.0	10,264.8	6,900.0	48.7	47.8	-34.37	1,038.9	1,505.4	387.7	321.9	65.75	5.896		
10,700.0	7,220.0	10,364.8	6,900.0	50.1	49.2	-34.38	1,138.4	1,495.1	387.7	320.1	67.65	5.731		
10,800.0	7,220.0	10,464.8	6,900.0	51.6	50.7	-34.39	1,237.8	1,484.8	387.8	318.2	69.59	5.572		
10,900.0	7,220.0	10,564.8	6,900.0	53.0	52.1	-34.40	1,337.3	1,474.5	387.8	316.3	71.57	5.419		
11,000.0	7,220.0	10,664.8	6,900.0	54.6	53.6	-34.41	1,436.8	1,464.3	387.9	314.3	73.58	5.272		
11,100.0	7,220.0	10,764.8	6,900.0	56.1	55.2	-34.42	1,536.2	1,454.0	387.9	312.3	75.63	5.130		
11,200.0	7,220.0	10,864.8	6,900.0	57.7	56.7	-34.43	1,635.7	1,443.7	388.0	310.3	77.70	4.993		
11,300.0	7,220.0	10,964.8	6,900.0	59.2	58.3	-34.45	1,735.2	1,433.5	388.0	308.2	79.80	4.863		
11,400.0	7,220.0	11,064.8	6,900.0	60.8	59.9	-34.46	1,834.7	1,423.2	388.1	306.2	81.93	4.737		
11,500.0	7,220.0	11,164.8	6,900.0	62.4	61.5	-34.47	1,934.1	1,412.9	388.1	304.1	84.08	4.616		
11,600.0	7,220.0	11,264.8	6,900.0	64.1	63.2	-34.48	2,033.6	1,402.6	388.2	301.9	86.25	4.501		
11,700.0	7,220.0	11,364.8	6,900.0	65.7	64.8	-34.49	2,133.1	1,392.4	388.2	299.8	88.44	4.390		
11,800.0	7,220.0	11,464.8	6,900.0	67.4	66.5	-34.50	2,232.5	1,382.1	388.3	297.6	90.65	4.283		
11,900.0	7,220.0	11,564.8	6,900.0	69.1	68.1	-34.51	2,332.0	1,371.8	388.3	295.5	92.88	4.181		
11,975.8	7,220.0	11,640.5	6,900.0	70.3	69.4	-34.52	2,407.4	1,364.0	388.4	293.8	94.58	4.106		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
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		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	40.1	0.0	40.1	39.8	0.22	178.292		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	40.1	0.0	40.1	39.4	0.67	59.431		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	40.1	0.0	40.1	39.0	1.12	35.658		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	40.1	0.0	40.1	38.5	1.57	25.470		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	40.1	0.0	40.1	38.1	2.02	19.810		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	40.1	0.0	40.1	37.6	2.47	16.208 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-144.26	40.1	0.0	41.5	38.6	2.90	14.308		
800.0	799.8	799.8	799.8	1.6	1.7	-148.03	40.1	0.0	45.8	42.5	3.31	13.838		
900.0	899.5	899.5	899.5	1.8	1.9	-152.92	40.1	0.0	53.4	49.7	3.73	14.305		
1,000.0	998.7	998.7	998.7	2.1	2.1	-157.76	40.1	0.0	64.5	60.4	4.16	15.500		
1,100.0	1,097.5	1,100.2	1,100.1	2.4	2.3	-161.84	38.5	0.8	77.6	73.0	4.57	16.977		
1,200.0	1,195.6	1,202.1	1,202.0	2.7	2.5	-165.06	33.8	3.4	90.7	85.8	4.95	18.316		
1,300.0	1,293.1	1,304.6	1,304.1	3.1	2.7	-167.75	25.9	7.8	103.9	98.6	5.35	19.429		
1,400.0	1,389.6	1,407.6	1,406.3	3.6	3.0	-170.09	14.7	13.9	117.2	111.4	5.76	20.351		
1,500.0	1,485.3	1,511.1	1,508.4	4.1	3.2	-172.18	0.2	21.9	130.4	124.3	6.18	21.105		
1,600.0	1,579.8	1,615.1	1,610.4	4.7	3.5	-174.11	-17.6	31.7	143.7	137.1	6.62	21.709		
1,700.0	1,673.2	1,719.6	1,712.1	5.4	3.9	-175.91	-38.7	43.3	156.9	149.8	7.08	22.173		
1,800.0	1,765.2	1,824.6	1,813.3	6.1	4.4	-177.61	-63.2	56.8	170.1	162.5	7.56	22.503		
1,900.0	1,855.8	1,930.1	1,913.8	7.0	4.9	-179.25	-91.1	72.1	183.2	175.2	8.07	22.694		
1,915.0	1,869.3	1,946.0	1,928.9	7.1	5.0	-179.49	-95.6	74.6	185.2	177.1	8.15	22.713		
2,000.0	1,945.5	2,036.2	2,013.8	7.8	5.5	179.17	-122.4	89.3	195.1	186.4	8.68	22.475		
2,100.0	2,035.2	2,143.1	2,113.0	8.7	6.2	177.57	-157.1	108.4	203.5	194.1	9.37	21.725		
2,200.0	2,124.8	2,250.4	2,211.0	9.6	7.0	175.88	-195.3	129.4	208.3	198.2	10.11	20.609		
2,300.0	2,214.5	2,355.9	2,305.9	10.5	7.8	174.06	-235.8	151.6	209.8	198.9	10.92	19.218		
2,400.0	2,304.1	2,455.7	2,395.1	11.4	8.7	172.29	-275.0	173.2	210.5	198.7	11.78	17.870		
2,500.0	2,393.7	2,555.4	2,484.3	12.3	9.5	170.54	-314.2	194.7	211.3	198.6	12.71	16.632		
2,600.0	2,483.4	2,655.2	2,573.5	13.2	10.4	168.80	-353.3	216.2	212.4	198.7	13.71	15.495		
2,700.0	2,573.0	2,755.0	2,662.7	14.2	11.3	167.08	-392.5	237.8	213.7	198.9	14.78	14.453		
2,800.0	2,662.7	2,854.8	2,751.9	15.1	12.2	165.38	-431.7	259.3	215.1	199.2	15.93	13.501		
2,900.0	2,752.3	2,954.6	2,841.1	16.0	13.1	163.70	-470.9	280.8	216.7	199.6	17.16	12.633		
3,000.0	2,842.0	3,054.4	2,930.4	16.9	14.0	162.05	-510.0	302.4	218.6	200.1	18.45	11.844		
3,100.0	2,931.6	3,154.2	3,019.6	17.9	14.9	160.43	-549.2	323.9	220.5	200.7	19.82	11.128		
3,200.0	3,021.3	3,253.9	3,108.8	18.8	15.8	158.84	-588.4	345.4	222.7	201.5	21.25	10.479		
3,300.0	3,110.9	3,353.7	3,198.0	19.7	16.7	157.28	-627.6	367.0	225.1	202.3	22.75	9.892		
3,400.0	3,200.6	3,453.5	3,287.2	20.6	17.6	155.75	-666.7	388.5	227.6	203.2	24.31	9.361		
3,500.0	3,290.2	3,553.3	3,376.4	21.6	18.5	154.26	-705.9	410.0	230.2	204.3	25.92	8.881		
3,600.0	3,379.9	3,653.1	3,465.6	22.5	19.4	152.80	-745.1	431.6	233.0	205.4	27.59	8.447		
3,700.0	3,469.5	3,752.9	3,554.9	23.4	20.3	151.38	-784.2	453.1	236.0	206.7	29.30	8.055		
3,800.0	3,559.2	3,852.7	3,644.1	24.4	21.2	149.99	-823.4	474.6	239.1	208.0	31.05	7.699		
3,900.0	3,648.8	3,952.4	3,733.3	25.3	22.1	148.64	-862.6	496.2	242.3	209.5	32.85	7.378		
4,000.0	3,738.5	4,052.2	3,822.5	26.2	23.1	147.33	-901.8	517.7	245.7	211.0	34.68	7.085		
4,100.0	3,828.1	4,152.0	3,911.7	27.1	24.0	146.05	-940.9	539.2	249.2	212.7	36.54	6.820		
4,200.0	3,917.8	4,251.8	4,000.9	28.1	24.9	144.81	-980.1	560.7	252.8	214.4	38.43	6.579		
4,300.0	4,007.4	4,351.6	4,090.1	29.0	25.8	143.61	-1,019.3	582.3	256.5	216.2	40.34	6.359		
4,400.0	4,097.1	4,451.4	4,179.3	29.9	26.7	142.43	-1,058.5	603.8	260.4	218.1	42.28	6.158		
4,500.0	4,186.7	4,551.2	4,268.6	30.9	27.6	141.30	-1,097.6	625.3	264.3	220.1	44.24	5.975		
4,600.0	4,276.4	4,651.0	4,357.8	31.8	28.6	140.20	-1,136.8	646.9	268.4	222.2	46.21	5.807		
4,700.0	4,366.0	4,750.7	4,447.0	32.7	29.5	139.13	-1,176.0	668.4	272.5	224.3	48.20	5.654		
4,800.0	4,455.7	4,850.5	4,536.2	33.7	30.4	138.09	-1,215.2	689.9	276.8	226.6	50.21	5.513		
4,900.0	4,545.3	4,950.3	4,625.4	34.6	31.3	137.08	-1,254.3	711.5	281.1	228.9	52.22	5.383		
5,000.0	4,634.9	5,050.1	4,714.6	35.5	32.3	136.11	-1,293.5	733.0	285.5	231.3	54.24	5.264		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 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
5,100.0	4,724.6	5,149.9	4,803.8	36.5	33.2	135.16	-1,332.7	754.5	290.0	233.7	56.27	5.153	
5,200.0	4,814.2	5,249.7	4,893.1	37.4	34.1	134.25	-1,371.9	776.1	294.6	236.3	58.31	5.052	
5,300.0	4,903.9	5,349.5	4,982.3	38.3	35.0	133.36	-1,411.0	797.6	299.2	238.9	60.35	4.958	
5,400.0	4,993.5	5,449.2	5,071.5	39.3	35.9	132.50	-1,450.2	819.1	303.9	241.5	62.40	4.871	
5,500.0	5,083.2	5,549.0	5,160.7	40.2	36.9	131.66	-1,489.4	840.7	308.7	244.2	64.45	4.790	
5,600.0	5,172.8	5,648.8	5,249.9	41.1	37.8	130.85	-1,528.6	862.2	313.5	247.0	66.50	4.715	
5,700.0	5,262.5	5,748.6	5,339.1	42.1	38.7	130.07	-1,567.7	883.7	318.4	249.9	68.55	4.645	
5,800.0	5,352.1	5,848.4	5,428.3	43.0	39.6	129.31	-1,606.9	905.3	323.4	252.8	70.61	4.580	
5,900.0	5,441.8	5,948.2	5,517.6	43.9	40.6	128.57	-1,646.1	926.8	328.4	255.7	72.66	4.520	
6,000.0	5,531.4	6,048.0	5,606.8	44.9	41.5	127.86	-1,685.3	948.3	333.5	258.8	74.71	4.463	
6,100.0	5,621.1	6,147.7	5,696.0	45.8	42.4	127.16	-1,724.4	969.9	338.6	261.8	76.77	4.411	
6,200.0	5,710.7	6,247.5	5,785.2	46.7	43.3	126.49	-1,763.6	991.4	343.8	264.9	78.82	4.361	
6,300.0	5,800.4	6,347.3	5,874.4	47.7	44.3	125.84	-1,802.8	1,012.9	349.0	268.1	80.87	4.315	
6,400.0	5,890.0	6,447.1	5,963.6	48.6	45.2	125.20	-1,841.9	1,034.5	354.2	271.3	82.92	4.272	
6,500.0	5,979.7	6,546.9	6,052.8	49.6	46.1	124.59	-1,881.1	1,056.0	359.5	274.6	84.97	4.231	
6,600.0	6,069.3	6,646.7	6,142.0	50.5	47.0	123.99	-1,920.3	1,077.5	364.9	277.8	87.01	4.193	
6,700.0	6,159.0	6,746.5	6,231.3	51.4	48.0	123.41	-1,959.5	1,099.1	370.2	281.2	89.05	4.157	
6,800.0	6,248.6	6,850.5	6,326.0	52.4	48.7	123.57	-1,995.7	1,121.9	375.2	284.7	90.44	4.148	
6,846.3	6,290.2	6,898.7	6,371.3	52.8	49.0	124.39	-2,007.8	1,132.8	377.1	286.6	90.46	4.168	
6,850.0	6,293.4	6,902.5	6,374.9	52.8	49.0	124.87	-2,008.6	1,133.7	377.2	286.8	90.43	4.171	
6,900.0	6,338.9	6,953.7	6,424.0	53.2	49.2	132.17	-2,017.7	1,145.4	379.3	289.3	89.94	4.217	
6,950.0	6,385.3	7,004.4	6,473.0	53.5	49.4	141.13	-2,023.1	1,157.2	381.5	292.2	89.31	4.272	
7,000.0	6,432.4	7,054.6	6,521.7	53.7	49.5	152.07	-2,024.9	1,168.9	383.9	295.4	88.57	4.335	
7,050.0	6,480.1	7,104.3	6,570.0	53.9	49.6	165.04	-2,023.2	1,180.4	386.5	298.8	87.75	4.405	
7,100.0	6,527.9	7,153.5	6,617.6	54.1	49.6	179.43	-2,018.2	1,191.8	389.3	302.4	86.86	4.482	
7,150.0	6,575.8	7,202.2	6,664.3	54.2	49.6	-166.03	-2,009.9	1,202.9	392.1	306.2	85.92	4.564	
7,200.0	6,623.5	7,250.0	6,709.5	54.3	49.6	-152.74	-1,998.7	1,213.7	395.1	310.1	84.97	4.650	
7,250.0	6,670.8	7,298.3	6,754.3	54.4	49.5	-141.43	-1,984.2	1,224.3	398.2	314.2	84.00	4.740	
7,300.0	6,717.4	7,345.7	6,797.3	54.4	49.4	-132.21	-1,966.9	1,234.5	401.3	318.2	83.04	4.832	
7,350.0	6,763.1	7,392.8	6,838.7	54.4	49.3	-124.78	-1,947.0	1,244.4	404.4	322.3	82.11	4.925	
7,400.0	6,807.7	7,439.5	6,878.5	54.3	49.1	-118.77	-1,924.5	1,253.8	407.6	326.4	81.22	5.018	
7,450.0	6,850.9	7,485.8	6,916.5	54.2	48.9	-113.87	-1,899.5	1,262.7	410.7	330.3	80.38	5.109	
7,500.0	6,892.6	7,531.8	6,952.6	54.1	48.7	-109.81	-1,872.3	1,271.3	413.8	334.2	79.60	5.198	
7,550.0	6,932.5	7,577.5	6,986.7	53.9	48.4	-106.40	-1,843.0	1,279.3	416.8	337.9	78.89	5.283	
7,600.0	6,970.5	7,623.0	7,018.8	53.7	48.2	-103.53	-1,811.7	1,286.8	419.7	341.5	78.25	5.364	
7,650.0	7,006.4	7,668.1	7,048.7	53.5	47.9	-101.08	-1,778.5	1,293.8	422.5	344.8	77.69	5.439	
7,700.0	7,040.0	7,713.1	7,076.3	53.2	47.6	-98.98	-1,743.7	1,300.3	425.2	348.0	77.22	5.506	
7,750.0	7,071.1	7,757.8	7,101.7	53.0	47.3	-97.18	-1,707.4	1,306.2	427.7	350.8	76.83	5.567	
7,800.0	7,099.5	7,800.0	7,123.6	52.7	47.0	-95.66	-1,671.6	1,311.2	430.0	353.4	76.55	5.617	
7,850.0	7,125.3	7,846.8	7,145.3	52.4	46.7	-94.32	-1,630.6	1,316.2	432.1	355.8	76.31	5.662	
7,900.0	7,148.1	7,891.0	7,163.5	52.1	46.3	-93.21	-1,590.5	1,320.4	433.9	357.8	76.18	5.696	
7,950.0	7,167.9	7,935.1	7,179.2	51.8	46.0	-92.28	-1,549.4	1,324.0	435.6	359.4	76.14	5.721	
8,000.0	7,184.7	7,979.1	7,192.4	51.4	45.7	-91.52	-1,507.6	1,326.9	437.0	360.8	76.18	5.736	
8,050.0	7,198.3	8,023.0	7,203.0	51.1	45.4	-90.93	-1,465.0	1,329.3	438.1	361.8	76.29	5.743	
8,100.0	7,208.6	8,066.9	7,211.1	50.8	45.0	-90.48	-1,422.0	1,331.0	439.0	362.5	76.46	5.741	
8,150.0	7,215.6	8,110.6	7,216.6	50.4	44.7	-90.18	-1,378.6	1,332.1	439.5	362.9	76.69	5.731	
8,200.0	7,219.4	8,154.4	7,219.5	50.1	44.4	-90.03	-1,334.9	1,332.6	439.9	362.9	76.96	5.715	
8,230.7	7,220.0	8,181.4	7,220.0	49.9	44.2	-90.00	-1,307.9	1,332.6	439.9	362.8	77.15	5.702	
8,300.0	7,220.0	8,250.5	7,220.0	49.4	43.7	-90.00	-1,238.8	1,332.3	439.9	363.6	76.31	5.765	
8,400.0	7,220.0	8,350.5	7,220.0	48.7	43.0	-90.00	-1,138.8	1,331.8	439.9	364.7	75.15	5.853	
8,500.0	7,220.0	8,450.5	7,220.0	48.1	42.3	-90.00	-1,038.8	1,331.3	439.9	365.7	74.18	5.930	
8,600.0	7,220.0	8,550.5	7,220.0	47.5	41.7	-90.00	-938.8	1,330.9	439.9	366.5	73.40	5.993	

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Well Error:	0.0 ft
Survey Program: 0-MWD													
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
8,700.0	7,220.0	8,650.5	7,220.0	46.9	41.1	-90.00	-838.8	1,330.4	439.8	367.0	72.81	6.041	
8,800.0	7,220.0	8,750.5	7,220.0	46.3	40.6	-90.00	-738.8	1,329.9	439.8	367.4	72.43	6.073	
8,900.0	7,220.0	8,850.5	7,220.0	45.8	40.1	-90.00	-638.8	1,329.5	439.8	367.6	72.24	6.088	
9,000.0	7,220.0	8,950.5	7,220.0	45.3	39.7	-90.00	-538.8	1,329.0	439.8	367.5	72.26	6.086	
9,100.0	7,220.0	9,050.5	7,220.0	44.8	39.3	-90.00	-438.8	1,328.5	439.8	367.3	72.48	6.068	
9,200.0	7,220.0	9,150.5	7,220.0	44.4	39.0	-90.00	-338.8	1,328.1	439.8	366.9	72.91	6.032	
9,300.0	7,220.0	9,250.5	7,220.0	44.0	38.8	-90.00	-238.8	1,327.6	439.8	366.2	73.53	5.981	
9,400.0	7,220.0	9,350.5	7,220.0	43.6	38.7	-90.00	-138.8	1,327.1	439.8	365.4	74.35	5.915	
9,500.0	7,220.0	9,450.5	7,220.0	43.3	38.7	-90.00	-38.8	1,326.7	439.7	364.4	75.36	5.836	
9,600.0	7,220.0	9,550.5	7,220.0	43.0	38.9	-90.00	61.2	1,326.2	439.7	363.2	76.54	5.745	
9,700.0	7,220.0	9,650.5	7,220.0	42.8	39.1	-90.00	161.2	1,325.7	439.7	361.8	77.90	5.645	
9,800.0	7,220.0	9,750.5	7,220.0	42.6	39.6	-90.00	261.2	1,325.2	439.7	360.3	79.42	5.537	
9,900.0	7,220.0	9,850.5	7,220.0	42.6	40.2	-90.00	361.2	1,324.8	439.7	358.6	81.09	5.422	
10,000.0	7,220.0	9,950.5	7,220.0	42.8	41.0	-90.00	461.2	1,324.3	439.7	356.8	82.91	5.303	
10,100.0	7,220.0	10,050.5	7,220.0	43.3	41.9	-90.00	561.2	1,323.8	439.7	354.8	84.86	5.181	
10,112.2	7,220.0	10,062.7	7,220.0	43.4	42.0	-90.00	573.3	1,323.8	439.7	354.6	85.10	5.166	
10,115.3	7,220.0	10,062.7	7,220.0	43.4	42.0	-90.00	573.3	1,323.8	439.7	354.6	85.13	5.165	
10,200.0	7,220.0	10,134.1	7,220.0	44.0	42.6	-90.00	644.7	1,322.1	439.4	352.9	86.56	5.076	
10,301.0	7,220.0	10,216.2	7,220.0	44.9	43.3	-90.00	726.7	1,316.9	438.2	350.2	87.99	4.980	
10,345.6	7,220.0	10,252.9	7,220.0	45.4	43.6	-90.00	763.2	1,313.4	437.9	349.1	88.76	4.934	
10,400.0	7,220.0	10,307.3	7,220.0	46.0	44.2	-90.00	817.3	1,307.8	437.9	348.1	89.87	4.873	
10,500.0	7,220.0	10,407.3	7,220.0	47.3	45.5	-90.00	916.7	1,297.5	438.1	345.8	92.24	4.749	
10,600.0	7,220.0	10,507.3	7,220.0	48.7	46.8	-90.00	1,016.2	1,287.2	438.2	343.5	94.73	4.626	
10,700.0	7,220.0	10,607.3	7,220.0	50.1	48.2	-90.00	1,115.7	1,276.9	438.3	341.0	97.31	4.504	
10,800.0	7,220.0	10,707.3	7,220.0	51.6	49.7	-90.00	1,215.2	1,266.6	438.4	338.5	99.97	4.386	
10,900.0	7,220.0	10,807.3	7,220.0	53.0	51.1	-90.00	1,314.6	1,256.3	438.6	335.8	102.72	4.269	
11,000.0	7,220.0	10,907.3	7,220.0	54.6	52.6	-90.00	1,414.1	1,246.0	438.7	333.1	105.54	4.156	
11,100.0	7,220.0	11,007.3	7,220.0	56.1	54.1	-90.00	1,513.6	1,235.7	438.8	330.4	108.44	4.047	
11,200.0	7,220.0	11,107.3	7,220.0	57.7	55.7	-90.00	1,613.0	1,225.4	438.9	327.5	111.39	3.940	
11,300.0	7,220.0	11,207.3	7,220.0	59.2	57.2	-90.00	1,712.5	1,215.1	439.0	324.6	114.41	3.837	
11,400.0	7,220.0	11,307.3	7,220.0	60.8	58.8	-90.00	1,812.0	1,204.8	439.2	321.7	117.48	3.738	
11,500.0	7,220.0	11,407.3	7,220.0	62.4	60.4	-90.00	1,911.4	1,194.5	439.3	318.7	120.60	3.642	
11,600.0	7,220.0	11,507.3	7,220.0	64.1	62.0	-90.00	2,010.9	1,184.2	439.4	315.6	123.77	3.550	
11,700.0	7,220.0	11,607.3	7,220.0	65.7	63.7	-90.00	2,110.4	1,173.9	439.5	312.5	126.98	3.461	
11,800.0	7,220.0	11,707.3	7,220.0	67.4	65.3	-90.00	2,209.8	1,163.6	439.6	309.4	130.22	3.376	
11,900.0	7,220.0	11,807.3	7,220.0	69.1	67.0	-90.00	2,309.3	1,153.2	439.8	306.3	133.51	3.294	
11,975.8	7,220.0	11,883.0	7,220.0	70.3	68.3	-90.00	2,384.7	1,145.4	439.9	303.8	136.02	3.234 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
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		
0.0	0.0	0.0	0.0	0.0	0.0	-0.27	60.1	-0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	-0.27	60.1	-0.3	60.1	59.9	0.22	267.459		
200.0	200.0	200.0	200.0	0.3	0.3	-0.27	60.1	-0.3	60.1	59.4	0.67	89.153		
300.0	300.0	300.0	300.0	0.6	0.6	-0.27	60.1	-0.3	60.1	59.0	1.12	53.492		
400.0	400.0	400.0	400.0	0.8	0.8	-0.27	60.1	-0.3	60.1	58.5	1.57	38.208		
500.0	500.0	500.0	500.0	1.0	1.0	-0.27	60.1	-0.3	60.1	58.1	2.02	29.718		
600.0	600.0	600.0	600.0	1.2	1.2	-0.27	60.1	-0.3	60.1	57.6	2.47	24.314 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	-144.04	60.1	-0.3	61.5	58.6	2.90	21.222		
800.0	799.8	799.8	799.8	1.6	1.7	-146.67	60.1	-0.3	65.8	62.5	3.31	19.876		
900.0	899.5	899.5	899.5	1.8	1.9	-150.34	60.1	-0.3	73.3	69.5	3.74	19.614		
1,000.0	998.7	998.7	998.7	2.1	2.1	-154.35	60.1	-0.3	84.1	79.9	4.17	20.184		
1,100.0	1,097.5	1,097.5	1,097.5	2.4	2.4	-158.18	60.1	-0.3	98.4	93.8	4.60	21.400		
1,200.0	1,195.6	1,195.6	1,195.6	2.7	2.6	-161.55	60.1	-0.3	116.4	111.4	5.04	23.117		
1,300.0	1,293.1	1,297.7	1,297.7	3.1	2.8	-164.49	58.6	0.4	136.4	130.9	5.45	25.031		
1,400.0	1,389.6	1,400.8	1,400.6	3.6	3.0	-166.99	53.7	2.6	156.4	150.6	5.84	26.803		
1,500.0	1,485.3	1,504.6	1,504.0	4.1	3.2	-169.21	45.3	6.3	176.5	170.3	6.24	28.311		
1,600.0	1,579.8	1,609.1	1,607.7	4.7	3.4	-171.23	33.4	11.5	196.7	190.0	6.65	29.588		
1,700.0	1,673.2	1,714.4	1,711.7	5.4	3.6	-173.11	18.0	18.3	216.8	209.7	7.07	30.655		
1,800.0	1,765.2	1,820.5	1,815.6	6.1	4.0	-174.89	-1.1	26.8	237.0	229.4	7.52	31.528		
1,900.0	1,855.8	1,927.3	1,919.5	7.0	4.3	-176.60	-23.9	36.8	257.1	249.1	7.98	32.210		
1,915.0	1,869.3	1,943.4	1,935.1	7.1	4.4	-176.85	-27.6	38.5	260.1	252.1	8.05	32.295		
2,000.0	1,945.5	2,035.1	2,023.4	7.8	4.8	-178.26	-50.4	48.6	276.0	267.4	8.55	32.294		
2,100.0	2,035.2	2,144.2	2,127.2	8.7	5.3	-179.89	-80.9	62.1	291.5	282.3	9.16	31.804		
2,200.0	2,124.8	2,254.4	2,230.7	9.6	5.9	178.46	-115.3	77.3	303.4	293.6	9.83	30.866		
2,300.0	2,214.5	2,365.2	2,333.3	10.5	6.6	176.72	-153.6	94.2	311.9	301.3	10.57	29.520		
2,400.0	2,304.1	2,476.3	2,434.5	11.4	7.4	174.86	-195.7	112.8	316.9	305.5	11.38	27.844		
2,500.0	2,393.7	2,587.5	2,533.9	12.3	8.3	172.81	-241.2	132.9	318.5	306.2	12.30	25.893		
2,600.0	2,483.4	2,694.3	2,627.6	13.2	9.2	170.61	-288.1	153.7	317.1	303.7	13.33	23.789		
2,700.0	2,573.0	2,793.6	2,714.3	14.2	10.1	168.50	-332.4	173.2	315.3	300.9	14.43	21.857		
2,800.0	2,662.7	2,892.9	2,801.0	15.1	11.1	166.36	-376.7	192.8	314.0	298.4	15.63	20.086		
2,900.0	2,752.3	2,992.2	2,887.6	16.0	12.0	164.21	-421.0	212.4	313.1	296.2	16.95	18.471		
3,000.0	2,842.0	3,091.5	2,974.3	16.9	12.9	162.05	-465.2	232.0	312.7	294.3	18.38	17.010		
3,042.3	2,879.9	3,133.5	3,011.0	17.3	13.3	161.14	-484.0	240.2	312.7	293.6	19.02	16.435		
3,100.0	2,931.6	3,190.8	3,061.0	17.9	13.9	159.89	-509.5	251.5	312.7	292.8	19.93	15.694		
3,200.0	3,021.3	3,290.1	3,147.7	18.8	14.8	157.73	-553.8	271.1	313.2	291.7	21.58	14.517		
3,300.0	3,110.9	3,389.3	3,234.4	19.7	15.8	155.58	-598.1	290.7	314.2	290.8	23.33	13.467		
3,400.0	3,200.6	3,488.6	3,321.1	20.6	16.8	153.45	-642.3	310.3	315.5	290.4	25.18	12.534		
3,500.0	3,290.2	3,587.9	3,407.8	21.6	17.7	151.34	-686.6	329.8	317.4	290.3	27.11	11.707		
3,600.0	3,379.9	3,687.2	3,494.5	22.5	18.7	149.25	-730.9	349.4	319.6	290.5	29.12	10.975		
3,700.0	3,469.5	3,786.5	3,581.2	23.4	19.7	147.20	-775.2	369.0	322.3	291.1	31.20	10.329		
3,800.0	3,559.2	3,885.8	3,667.9	24.4	20.6	145.18	-819.4	388.5	325.4	292.0	33.35	9.757		
3,900.0	3,648.8	3,985.1	3,754.6	25.3	21.6	143.20	-863.7	408.1	328.9	293.3	35.54	9.253		
4,000.0	3,738.5	4,084.4	3,841.3	26.2	22.6	141.27	-908.0	427.7	332.7	295.0	37.78	8.807		
4,100.0	3,828.1	4,183.7	3,928.0	27.1	23.6	139.38	-952.3	447.3	337.0	296.9	40.05	8.414		
4,200.0	3,917.8	4,283.0	4,014.6	28.1	24.6	137.54	-996.5	466.8	341.6	299.2	42.35	8.065		
4,300.0	4,007.4	4,382.3	4,101.3	29.0	25.5	135.75	-1,040.8	486.4	346.6	301.9	44.68	7.757		
4,400.0	4,097.1	4,481.6	4,188.0	29.9	26.5	134.01	-1,085.1	506.0	351.8	304.8	47.01	7.484		
4,500.0	4,186.7	4,580.8	4,274.7	30.9	27.5	132.32	-1,129.4	525.5	357.4	308.1	49.36	7.241		
4,600.0	4,276.4	4,680.1	4,361.4	31.8	28.5	130.69	-1,173.6	545.1	363.3	311.6	51.71	7.026		
4,700.0	4,366.0	4,779.4	4,448.1	32.7	29.5	129.11	-1,217.9	564.7	369.5	315.5	54.06	6.835		
4,800.0	4,455.7	4,878.7	4,534.8	33.7	30.5	127.58	-1,262.2	584.3	376.0	319.6	56.41	6.665		
4,900.0	4,545.3	4,978.0	4,621.5	34.6	31.4	126.11	-1,306.5	603.8	382.7	324.0	58.76	6.514		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 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
5,000.0	4,634.9	5,077.3	4,708.2	35.5	32.4	124.68	-1,350.7	623.4	389.7	328.6	61.09	6.379	
5,100.0	4,724.6	5,176.6	4,794.9	36.5	33.4	123.31	-1,395.0	643.0	396.9	333.5	63.41	6.259	
5,200.0	4,814.2	5,275.9	4,881.6	37.4	34.4	121.98	-1,439.3	662.5	404.3	338.6	65.72	6.152	
5,300.0	4,903.9	5,375.2	4,968.3	38.3	35.4	120.71	-1,483.6	682.1	412.0	344.0	68.02	6.057	
5,400.0	4,993.5	5,474.5	5,054.9	39.3	36.4	119.48	-1,527.8	701.7	419.8	349.5	70.30	5.972	
5,500.0	5,083.2	5,573.8	5,141.6	40.2	37.4	118.29	-1,572.1	721.3	427.8	355.3	72.57	5.896	
5,600.0	5,172.8	5,673.1	5,228.3	41.1	38.4	117.15	-1,616.4	740.8	436.0	361.2	74.82	5.828	
5,700.0	5,262.5	5,772.3	5,315.0	42.1	39.3	116.06	-1,660.7	760.4	444.4	367.3	77.06	5.767	
5,800.0	5,352.1	5,871.6	5,401.7	43.0	40.3	115.00	-1,704.9	780.0	452.9	373.6	79.28	5.713	
5,900.0	5,441.8	5,970.9	5,488.4	43.9	41.3	113.98	-1,749.2	799.5	461.6	380.1	81.48	5.665	
6,000.0	5,531.4	6,070.2	5,575.1	44.9	42.3	113.00	-1,793.5	819.1	470.4	386.7	83.67	5.622	
6,100.0	5,621.1	6,169.5	5,661.8	45.8	43.3	112.05	-1,837.7	838.7	479.3	393.5	85.84	5.584	
6,200.0	5,710.7	6,268.8	5,748.5	46.7	44.3	111.14	-1,882.0	858.3	488.4	400.4	88.00	5.550	
6,300.0	5,800.4	6,368.1	5,835.2	47.7	45.3	110.27	-1,926.3	877.8	497.6	407.5	90.14	5.520	
6,400.0	5,890.0	6,478.8	5,932.5	48.6	46.3	109.51	-1,974.1	899.8	506.5	414.2	92.23	5.491	
6,500.0	5,979.7	6,567.7	6,025.4	49.6	47.0	110.61	-2,012.6	926.8	510.7	417.2	93.48	5.463	
6,600.0	6,069.3	6,730.2	6,170.8	50.5	47.4	113.91	-2,028.2	953.3	510.1	416.6	93.51	5.455 SF	
6,700.0	6,159.0	6,840.2	6,278.0	51.4	47.5	118.74	-2,024.4	977.2	507.5	415.3	92.19	5.505	
6,775.6	6,226.7	6,913.6	6,348.6	52.1	47.5	122.91	-2,012.5	992.9	506.5	416.1	90.35	5.606	
6,800.0	6,248.6	6,935.4	6,369.4	52.4	47.5	124.30	-2,007.5	997.6	506.6	417.0	89.63	5.652	
6,846.3	6,290.2	6,974.4	6,406.1	52.8	47.4	126.92	-1,997.1	1,005.7	507.8	419.7	88.13	5.762	
6,850.0	6,293.4	6,977.4	6,408.9	52.8	47.4	127.52	-1,996.2	1,006.3	508.0	420.0	88.00	5.773	
6,900.0	6,338.9	7,017.1	6,445.5	53.2	47.3	136.49	-1,983.3	1,014.5	511.2	425.2	85.96	5.947	
6,950.0	6,385.3	7,055.7	6,480.4	53.5	47.2	147.10	-1,968.8	1,022.2	516.2	432.4	83.77	6.162	
7,000.0	6,432.4	7,093.2	6,513.6	53.7	47.1	159.68	-1,952.9	1,029.5	522.8	441.3	81.47	6.417	
7,050.0	6,480.1	7,129.9	6,545.2	53.9	46.9	174.25	-1,935.6	1,036.5	530.8	451.7	79.11	6.709	
7,100.0	6,527.9	7,165.8	6,575.2	54.1	46.8	-169.80	-1,917.1	1,043.1	540.0	463.3	76.77	7.034	
7,150.0	6,575.8	7,200.0	6,603.0	54.2	46.6	-153.82	-1,898.1	1,049.3	550.3	475.7	74.53	7.383	
7,200.0	6,623.5	7,235.6	6,630.9	54.3	46.4	-139.04	-1,876.9	1,055.4	561.3	489.0	72.26	7.767	
7,250.0	6,670.8	7,269.7	6,656.7	54.4	46.2	-126.40	-1,855.2	1,061.1	572.9	502.7	70.17	8.164	
7,300.0	6,717.4	7,300.0	6,678.7	54.4	46.0	-116.05	-1,835.0	1,065.9	584.9	516.5	68.36	8.556	
7,350.0	6,763.1	7,336.6	6,704.1	54.4	45.8	-107.31	-1,809.3	1,071.4	597.1	530.7	66.40	8.993	
7,400.0	6,807.7	7,369.5	6,725.9	54.3	45.6	-100.22	-1,785.1	1,076.2	609.5	544.7	64.74	9.413	
7,450.0	6,850.9	7,400.0	6,745.1	54.2	45.4	-94.38	-1,761.7	1,080.4	621.7	558.4	63.32	9.818	
7,500.0	6,892.6	7,434.3	6,765.4	54.1	45.1	-89.35	-1,734.5	1,084.8	633.7	571.8	61.92	10.234	
7,550.0	6,932.5	7,466.3	6,783.3	53.9	44.9	-85.13	-1,708.2	1,088.7	645.4	584.7	60.78	10.620	
7,600.0	6,970.5	7,500.0	6,800.8	53.7	44.6	-81.48	-1,679.7	1,092.5	656.7	597.0	59.76	10.989	
7,650.0	7,006.4	7,529.7	6,815.2	53.5	44.4	-78.42	-1,653.9	1,095.5	667.5	608.4	59.05	11.304	
7,700.0	7,040.0	7,561.1	6,829.2	53.2	44.2	-75.74	-1,626.0	1,098.5	677.6	619.1	58.49	11.584	
7,750.0	7,071.1	7,600.0	6,844.9	53.0	43.8	-73.31	-1,590.6	1,101.9	687.1	629.1	57.99	11.848	
7,800.0	7,099.5	7,623.4	6,853.5	52.7	43.7	-71.45	-1,568.8	1,103.7	695.8	637.7	58.07	11.982	
7,850.0	7,125.3	7,650.0	6,862.3	52.4	43.4	-69.80	-1,543.8	1,105.6	703.7	645.4	58.29	12.072	
7,900.0	7,148.1	7,685.2	6,872.7	52.1	43.2	-68.31	-1,510.2	1,107.7	710.7	652.1	58.61	12.125	
7,950.0	7,167.9	7,716.0	6,880.4	51.8	42.9	-67.11	-1,480.4	1,109.3	716.8	657.6	59.25	12.098	
8,000.0	7,184.7	7,750.0	6,887.4	51.4	42.7	-66.10	-1,447.2	1,110.7	722.0	661.9	60.08	12.018	
8,050.0	7,198.3	7,777.4	6,892.0	51.1	42.4	-65.34	-1,420.2	1,111.6	726.2	665.0	61.20	11.865	
8,100.0	7,208.6	7,800.0	6,894.9	50.8	42.3	-64.79	-1,397.8	1,112.2	729.5	667.0	62.55	11.662	
8,150.0	7,215.6	7,838.6	6,898.5	50.4	42.0	-64.37	-1,359.4	1,112.8	731.7	667.8	63.93	11.446	
8,200.0	7,219.4	7,869.2	6,899.8	50.1	41.7	-64.16	-1,328.9	1,113.0	732.9	667.4	65.50	11.189	
8,230.7	7,220.0	7,889.0	6,900.0	49.9	41.6	-64.12	-1,309.0	1,112.9	733.1	666.6	66.51	11.023	
8,300.0	7,220.0	7,958.3	6,900.0	49.4	41.1	-64.12	-1,239.7	1,112.6	733.1	667.4	65.67	11.164	
8,400.0	7,220.0	8,058.3	6,900.0	48.7	40.3	-64.12	-1,139.7	1,112.1	733.1	668.6	64.52	11.363	

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 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	
8,500.0	7,220.0	8,158.3	6,900.0	48.1	39.7	-64.12	-1,039.7	1,111.7	733.1	669.5	63.54	11.537	
8,600.0	7,220.0	8,258.3	6,900.0	47.5	39.0	-64.12	-939.7	1,111.2	733.1	670.3	62.75	11.682	
8,700.0	7,220.0	8,358.3	6,900.0	46.9	38.5	-64.12	-839.7	1,110.8	733.0	670.9	62.15	11.795	
8,800.0	7,220.0	8,458.3	6,900.0	46.3	38.0	-64.12	-739.7	1,110.3	733.0	671.3	61.74	11.873	
8,900.0	7,220.0	8,558.3	6,900.0	45.8	37.6	-64.11	-639.7	1,109.8	733.0	671.5	61.53	11.913	
9,000.0	7,220.0	8,658.3	6,900.0	45.3	37.3	-64.11	-539.7	1,109.4	733.0	671.5	61.52	11.915	
9,100.0	7,220.0	8,758.3	6,900.0	44.8	37.0	-64.11	-439.7	1,108.9	733.0	671.2	61.71	11.878	
9,200.0	7,220.0	8,858.3	6,900.0	44.4	36.8	-64.11	-339.7	1,108.5	732.9	670.8	62.10	11.803	
9,300.0	7,220.0	8,958.3	6,900.0	44.0	36.8	-64.11	-239.7	1,108.0	732.9	670.2	62.68	11.692	
9,400.0	7,220.0	9,058.3	6,900.0	43.6	36.9	-64.11	-139.7	1,107.5	732.9	669.4	63.46	11.549	
9,500.0	7,220.0	9,158.3	6,900.0	43.3	37.0	-64.11	-39.7	1,107.1	732.9	668.5	64.41	11.378	
9,600.0	7,220.0	9,258.3	6,900.0	43.0	37.4	-64.11	60.3	1,106.6	732.9	667.3	65.55	11.181	
9,700.0	7,220.0	9,358.3	6,900.0	42.8	37.9	-64.11	160.2	1,106.2	732.8	666.0	66.84	10.963	
9,800.0	7,220.0	9,458.3	6,900.0	42.6	38.5	-64.11	260.2	1,105.7	732.8	664.5	68.30	10.730	
9,900.0	7,220.0	9,558.3	6,900.0	42.6	39.2	-64.11	360.2	1,105.3	732.8	662.9	69.90	10.484	
10,000.0	7,220.0	9,658.3	6,900.0	42.8	40.1	-64.11	460.2	1,104.8	732.8	661.1	71.64	10.229	
10,100.0	7,220.0	9,758.3	6,900.0	43.3	41.0	-64.11	560.2	1,104.3	732.8	659.3	73.50	9.970	
10,110.8	7,220.0	9,768.9	6,900.0	43.4	41.1	-64.11	570.9	1,104.3	732.7	659.0	73.70	9.942	
10,115.3	7,220.0	9,768.9	6,900.0	43.4	41.1	-64.11	570.9	1,104.3	732.8	659.0	73.74	9.937	
10,200.0	7,220.0	9,835.4	6,900.0	44.0	41.7	-64.09	637.3	1,102.8	732.4	657.1	75.35	9.721	
10,301.0	7,220.0	9,910.5	6,900.0	44.9	42.3	-64.03	712.3	1,098.4	730.9	654.0	76.96	9.497	
10,365.2	7,220.0	9,959.0	6,900.0	45.6	42.7	-64.01	760.6	1,094.0	730.3	652.3	77.96	9.367	
10,400.0	7,220.0	9,992.8	6,900.0	46.0	43.1	-64.02	794.2	1,090.5	730.4	651.8	78.61	9.291	
10,500.0	7,220.0	10,092.8	6,900.0	47.3	44.3	-64.02	893.6	1,080.1	730.6	649.7	80.86	9.035	
10,600.0	7,220.0	10,192.8	6,900.0	48.7	45.7	-64.03	993.1	1,069.7	730.8	647.5	83.22	8.781	
10,700.0	7,220.0	10,292.8	6,900.0	50.1	47.1	-64.04	1,092.5	1,059.3	730.9	645.3	85.66	8.533	
10,800.0	7,220.0	10,392.8	6,900.0	51.6	48.5	-64.04	1,192.0	1,048.9	731.1	643.0	88.18	8.292	
10,900.0	7,220.0	10,492.8	6,900.0	53.0	49.9	-64.05	1,291.5	1,038.5	731.3	640.6	90.77	8.057	
11,000.0	7,220.0	10,592.8	6,900.0	54.6	51.4	-64.06	1,390.9	1,028.1	731.5	638.1	93.43	7.830	
11,100.0	7,220.0	10,692.8	6,900.0	56.1	52.9	-64.07	1,490.4	1,017.7	731.7	635.5	96.15	7.610	
11,200.0	7,220.0	10,792.8	6,900.0	57.7	54.5	-64.07	1,589.8	1,007.3	731.9	633.0	98.93	7.398	
11,300.0	7,220.0	10,892.8	6,900.0	59.2	56.1	-64.08	1,689.3	996.9	732.1	630.3	101.76	7.194	
11,400.0	7,220.0	10,992.8	6,900.0	60.8	57.6	-64.09	1,788.8	986.5	732.3	627.6	104.63	6.999	
11,500.0	7,220.0	11,092.8	6,900.0	62.4	59.3	-64.09	1,888.2	976.1	732.5	624.9	107.55	6.810	
11,600.0	7,220.0	11,192.8	6,900.0	64.1	60.9	-64.10	1,987.7	965.7	732.6	622.1	110.51	6.630	
11,700.0	7,220.0	11,292.8	6,900.0	65.7	62.5	-64.11	2,087.1	955.3	732.8	619.3	113.51	6.456	
11,800.0	7,220.0	11,392.8	6,900.0	67.4	64.2	-64.12	2,186.6	944.9	733.0	616.5	116.54	6.290	
11,900.0	7,220.0	11,492.8	6,900.0	69.1	65.9	-64.12	2,286.0	934.5	733.2	613.6	119.60	6.130	
11,975.8	7,220.0	11,568.6	6,900.0	70.3	67.2	-64.13	2,361.4	926.7	733.4	611.4	121.95	6.014	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
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	
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-40.1	0.0	40.1	39.8	0.22	178.292		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-40.1	0.0	40.1	39.4	0.67	59.431 CC, ES		
300.0	300.0	299.0	299.0	0.6	0.5	178.34	-41.3	1.2	41.3	40.2	1.10	37.484		
400.0	400.0	397.7	397.6	0.8	0.8	173.94	-44.9	4.8	45.3	43.7	1.54	29.442		
500.0	500.0	496.0	495.4	1.0	1.0	168.15	-51.0	10.7	52.3	50.3	2.00	26.118		
600.0	600.0	593.5	592.3	1.2	1.3	162.34	-59.3	18.9	62.8	60.3	2.50	25.144		
700.0	700.0	690.5	688.1	1.4	1.6	14.71	-70.0	29.3	75.1	72.2	2.89	26.003		
800.0	799.8	787.0	782.9	1.6	2.0	11.04	-82.9	42.0	87.7	84.4	3.31	26.466		
900.0	899.5	883.0	876.6	1.8	2.4	8.08	-97.9	56.7	100.3	96.5	3.75	26.731		
1,000.0	998.7	978.7	969.1	2.1	2.9	5.61	-115.2	73.6	112.9	108.7	4.20	26.851		
1,100.0	1,097.5	1,073.9	1,060.4	2.4	3.4	3.46	-134.5	92.6	125.4	120.8	4.67	26.860		
1,200.0	1,195.6	1,168.7	1,150.4	2.7	4.0	1.56	-155.9	113.6	137.9	132.8	5.15	26.775		
1,300.0	1,293.1	1,263.1	1,238.9	3.1	4.7	-0.15	-179.3	136.5	150.4	144.7	5.65	26.593		
1,400.0	1,389.6	1,357.1	1,325.9	3.6	5.4	-1.74	-204.7	161.4	162.7	156.5	6.16	26.403		
1,500.0	1,485.3	1,450.8	1,411.4	4.1	6.2	-3.21	-232.0	188.1	174.9	168.2	6.71	26.079		
1,600.0	1,579.8	1,545.2	1,496.3	4.7	7.0	-4.61	-261.4	217.0	187.0	179.7	7.28	25.681		
1,700.0	1,673.2	1,644.6	1,585.3	5.4	7.9	-6.01	-293.1	248.1	196.8	188.9	7.90	24.916		
1,800.0	1,765.2	1,744.3	1,674.5	6.1	8.9	-7.40	-324.9	279.3	203.3	194.7	8.55	23.772		
1,900.0	1,855.8	1,844.1	1,763.8	7.0	9.8	-8.86	-356.7	310.5	206.4	197.1	9.25	22.323		
1,915.0	1,869.3	1,859.1	1,777.2	7.1	9.9	-9.09	-361.5	315.2	206.6	197.2	9.35	22.082		
2,000.0	1,945.5	1,943.9	1,853.1	7.8	10.7	-10.39	-388.6	341.7	207.4	197.4	10.04	20.660		
2,100.0	2,035.2	2,043.8	1,942.4	8.7	11.7	-11.91	-420.4	372.9	208.6	197.7	10.89	19.148		
2,200.0	2,124.8	2,143.6	2,031.7	9.6	12.6	-13.41	-452.3	404.2	209.9	198.1	11.80	17.789		
2,300.0	2,214.5	2,243.4	2,121.1	10.5	13.6	-14.89	-484.1	435.4	211.4	198.6	12.76	16.563		
2,400.0	2,304.1	2,343.3	2,210.4	11.4	14.5	-16.35	-515.9	466.6	212.9	199.2	13.78	15.455		
2,500.0	2,393.7	2,443.1	2,299.7	12.3	15.4	-17.78	-547.8	497.8	214.7	199.8	14.85	14.452		
2,600.0	2,483.4	2,543.0	2,389.1	13.2	16.4	-19.20	-579.6	529.0	216.5	200.5	15.99	13.543		
2,700.0	2,573.0	2,642.8	2,478.4	14.2	17.3	-20.59	-611.4	560.2	218.5	201.3	17.18	12.720		
2,800.0	2,662.7	2,742.6	2,567.7	15.1	18.3	-21.95	-643.3	591.5	220.6	202.2	18.43	11.974		
2,900.0	2,752.3	2,842.5	2,657.1	16.0	19.2	-23.28	-675.1	622.7	222.9	203.1	19.73	11.296		
3,000.0	2,842.0	2,942.3	2,746.4	16.9	20.2	-24.59	-707.0	653.9	225.2	204.1	21.09	10.682		
3,100.0	2,931.6	3,042.2	2,835.7	17.9	21.1	-25.87	-738.8	685.1	227.7	205.2	22.49	10.123		
3,200.0	3,021.3	3,142.0	2,925.1	18.8	22.1	-27.13	-770.6	716.3	230.3	206.3	23.95	9.616		
3,300.0	3,110.9	3,241.8	3,014.4	19.7	23.1	-28.35	-802.5	747.5	233.0	207.5	25.45	9.154		
3,400.0	3,200.6	3,341.7	3,103.7	20.6	24.0	-29.55	-834.3	778.8	235.8	208.8	27.00	8.734		
3,500.0	3,290.2	3,441.5	3,193.0	21.6	25.0	-30.72	-866.1	810.0	238.7	210.1	28.58	8.351		
3,600.0	3,379.9	3,541.4	3,282.4	22.5	25.9	-31.86	-898.0	841.2	241.7	211.5	30.21	8.001		
3,700.0	3,469.5	3,641.2	3,371.7	23.4	26.9	-32.97	-929.8	872.4	244.8	212.9	31.86	7.681		
3,800.0	3,559.2	3,741.1	3,461.0	24.4	27.8	-34.05	-961.7	903.6	247.9	214.4	33.56	7.389		
3,900.0	3,648.8	3,840.9	3,550.4	25.3	28.8	-35.10	-993.5	934.9	251.2	215.9	35.28	7.120		
4,000.0	3,738.5	3,940.7	3,639.7	26.2	29.7	-36.13	-1,025.3	966.1	254.5	217.5	37.03	6.874		
4,100.0	3,828.1	4,040.6	3,729.0	27.1	30.7	-37.13	-1,057.2	997.3	258.0	219.2	38.81	6.648		
4,200.0	3,917.8	4,140.4	3,818.4	28.1	31.6	-38.11	-1,089.0	1,028.5	261.5	220.9	40.61	6.439		
4,300.0	4,007.4	4,240.3	3,907.7	29.0	32.6	-39.06	-1,120.8	1,059.7	265.1	222.6	42.43	6.247		
4,400.0	4,097.1	4,340.1	3,997.0	29.9	33.5	-39.98	-1,152.7	1,090.9	268.7	224.4	44.27	6.070		
4,500.0	4,186.7	4,439.9	4,086.4	30.9	34.5	-40.88	-1,184.5	1,122.2	272.4	226.3	46.13	5.905		
4,600.0	4,276.4	4,539.8	4,175.7	31.8	35.4	-41.75	-1,216.4	1,153.4	276.2	228.2	48.01	5.753		
4,700.0	4,366.0	4,639.6	4,265.0	32.7	36.4	-42.60	-1,248.2	1,184.6	280.0	230.1	49.90	5.612		
4,800.0	4,455.7	4,739.5	4,354.3	33.7	37.4	-43.43	-1,280.0	1,215.8	283.9	232.1	51.80	5.481		
4,900.0	4,545.3	4,839.3	4,443.7	34.6	38.3	-44.23	-1,311.9	1,247.0	287.9	234.2	53.72	5.360		
5,000.0	4,634.9	4,939.1	4,533.0	35.5	39.3	-45.02	-1,343.7	1,278.2	291.9	236.3	55.65	5.246		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Site Error:	0.0ft
Survey Program: 0-MWID												Offset Well Error:	0.0ft
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
5,100.0	4,724.6	5,039.0	4,622.3	36.5	40.2	-45.78	-1,375.5	1,309.5	296.0	238.4	57.58	5.140	
5,200.0	4,814.2	5,138.8	4,711.7	37.4	41.2	-46.52	-1,407.4	1,340.7	300.1	240.6	59.53	5.041	
5,300.0	4,903.9	5,238.7	4,801.0	38.3	42.1	-47.24	-1,439.2	1,371.9	304.3	242.8	61.48	4.949	
5,400.0	4,993.5	5,338.5	4,890.3	39.3	43.1	-47.94	-1,471.1	1,403.1	308.5	245.0	63.45	4.862	
5,500.0	5,083.2	5,438.3	4,979.7	40.2	44.0	-48.62	-1,502.9	1,434.3	312.8	247.3	65.41	4.781	
5,600.0	5,172.8	5,538.2	5,069.0	41.1	45.0	-49.28	-1,534.7	1,465.6	317.1	249.7	67.39	4.705	
5,700.0	5,262.5	5,638.0	5,158.3	42.1	45.9	-49.93	-1,566.6	1,496.8	321.4	252.0	69.37	4.633	
5,800.0	5,352.1	5,737.9	5,247.7	43.0	46.9	-50.56	-1,598.4	1,528.0	325.8	254.4	71.35	4.566	
5,900.0	5,441.8	5,837.7	5,337.0	43.9	47.9	-51.17	-1,630.2	1,559.2	330.2	256.9	73.33	4.503	
6,000.0	5,531.4	5,937.6	5,426.3	44.9	48.8	-51.76	-1,662.1	1,590.4	334.7	259.3	75.32	4.443	
6,100.0	5,621.1	6,037.4	5,515.6	45.8	49.8	-52.34	-1,693.9	1,621.6	339.2	261.8	77.32	4.387	
6,200.0	5,710.7	6,137.2	5,605.0	46.7	50.7	-52.91	-1,725.8	1,652.9	343.7	264.4	79.31	4.334	
6,300.0	5,800.4	6,237.1	5,694.3	47.7	51.7	-53.46	-1,757.6	1,684.1	348.3	266.9	81.31	4.283	
6,400.0	5,890.0	6,336.9	5,783.6	48.6	52.6	-53.99	-1,789.4	1,715.3	352.8	269.5	83.30	4.236	
6,500.0	5,979.7	6,436.8	5,873.0	49.6	53.6	-54.52	-1,821.3	1,746.5	357.5	272.2	85.30	4.190	
6,600.0	6,069.3	6,536.6	5,962.3	50.5	54.5	-55.02	-1,853.1	1,777.7	362.1	274.8	87.30	4.148	
6,700.0	6,159.0	6,636.4	6,051.6	51.4	55.5	-55.52	-1,885.0	1,808.9	366.8	277.5	89.30	4.107	
6,800.0	6,248.6	6,736.3	6,141.0	52.4	56.5	-56.00	-1,916.8	1,840.2	371.5	280.2	91.31	4.069	
6,846.3	6,290.2	6,782.5	6,182.4	52.8	56.9	-56.22	-1,931.5	1,854.6	373.7	281.5	92.23	4.051	
6,850.0	6,293.4	6,786.2	6,185.6	52.8	56.9	-55.87	-1,932.7	1,855.8	373.9	281.5	92.32	4.050	
6,900.0	6,338.9	6,836.1	6,230.3	53.2	57.4	-49.97	-1,948.6	1,871.4	376.0	282.9	93.08	4.040	
6,950.0	6,385.3	6,885.9	6,274.9	53.5	57.9	-41.86	-1,964.5	1,887.0	377.8	284.5	93.27	4.050	
7,000.0	6,432.4	6,935.4	6,319.1	53.7	58.4	-31.24	-1,980.3	1,902.4	379.3	286.4	92.90	4.083	
7,050.0	6,480.1	6,982.8	6,361.8	53.9	58.7	-18.29	-1,994.4	1,917.3	380.8	288.7	92.10	4.135	
7,100.0	6,527.9	7,030.4	6,405.5	54.1	59.0	-3.90	-2,005.6	1,932.6	382.6	291.4	91.19	4.196	
7,150.0	6,575.8	7,078.6	6,450.4	54.2	59.3	10.68	-2,013.7	1,948.2	384.6	294.4	90.18	4.265	
7,200.0	6,623.5	7,127.4	6,496.2	54.3	59.6	24.04	-2,018.7	1,964.2	386.9	297.8	89.11	4.341	
7,250.0	6,670.8	7,177.0	6,543.0	54.4	59.8	35.43	-2,020.4	1,980.5	389.4	301.4	88.00	4.425	
7,300.0	6,717.4	7,227.2	6,590.4	54.4	60.0	44.77	-2,018.6	1,996.9	392.1	305.2	86.87	4.513	
7,350.0	6,763.1	7,278.2	6,638.3	54.4	60.1	52.34	-2,013.2	2,013.6	395.0	309.3	85.74	4.607	
7,400.0	6,807.7	7,330.0	6,686.4	54.3	60.2	58.51	-2,004.0	2,030.3	398.1	313.5	84.63	4.704	
7,450.0	6,850.9	7,382.5	6,734.5	54.2	60.3	63.60	-1,991.0	2,046.9	401.4	317.8	83.56	4.803	
7,500.0	6,892.6	7,435.9	6,782.3	54.1	60.3	67.86	-1,973.9	2,063.5	404.7	322.2	82.54	4.903	
7,550.0	6,932.5	7,490.1	6,829.5	53.9	60.3	71.47	-1,952.8	2,079.8	408.2	326.6	81.58	5.003	
7,600.0	6,970.5	7,545.2	6,875.7	53.7	60.2	74.56	-1,927.6	2,095.7	411.6	330.9	80.70	5.101	
7,650.0	7,006.4	7,601.1	6,920.7	53.5	60.1	77.23	-1,898.2	2,111.2	415.1	335.2	79.91	5.195	
7,700.0	7,040.0	7,657.8	6,963.9	53.2	60.0	79.55	-1,864.6	2,126.1	418.5	339.3	79.22	5.283	
7,750.0	7,071.1	7,715.4	7,005.1	53.0	59.8	81.56	-1,827.0	2,140.2	421.8	343.2	78.63	5.365	
7,800.0	7,099.5	7,773.8	7,043.9	52.7	59.6	83.31	-1,785.4	2,153.5	425.0	346.9	78.16	5.438	
7,850.0	7,125.3	7,833.0	7,079.7	52.4	59.3	84.83	-1,740.0	2,165.7	428.0	350.2	77.81	5.500	
7,900.0	7,148.1	7,892.8	7,112.3	52.1	59.0	86.13	-1,691.0	2,176.8	430.7	353.1	77.58	5.552	
7,950.0	7,167.9	7,953.4	7,141.2	51.8	58.7	87.22	-1,638.7	2,186.6	433.1	355.7	77.48	5.591	
8,000.0	7,184.7	8,014.5	7,166.0	51.4	58.4	88.13	-1,583.5	2,195.0	435.3	357.8	77.50	5.616	
8,050.0	7,198.3	8,076.2	7,186.5	51.1	58.1	88.85	-1,525.8	2,201.8	437.0	359.4	77.64	5.628	
8,100.0	7,208.6	8,138.2	7,202.3	50.8	57.7	89.39	-1,466.0	2,207.0	438.4	360.5	77.90	5.627	
8,150.0	7,215.6	8,200.6	7,213.2	50.4	57.3	89.76	-1,404.7	2,210.5	439.3	361.1	78.25	5.614	
8,200.0	7,219.4	8,263.1	7,219.0	50.1	57.0	89.96	-1,342.5	2,212.2	439.8	361.1	78.70	5.589	
8,230.7	7,220.0	8,301.6	7,220.0	49.9	56.7	90.00	-1,304.1	2,212.4	439.9	360.9	79.00	5.568	
8,300.0	7,220.0	8,371.1	7,220.0	49.4	56.3	90.00	-1,234.6	2,212.1	439.9	361.7	78.24	5.623	
8,400.0	7,220.0	8,471.1	7,220.0	48.7	55.7	90.00	-1,134.6	2,211.6	439.9	362.7	77.17	5.700	
8,500.0	7,220.0	8,571.1	7,220.0	48.1	55.1	90.00	-1,034.6	2,211.1	439.9	363.6	76.26	5.768	
8,600.0	7,220.0	8,671.1	7,220.0	47.5	54.5	90.00	-934.6	2,210.6	439.9	364.4	75.53	5.824	

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 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		
8,700.0	7,220.0	8,771.1	7,220.0	46.9	54.0	90.00	-834.6	2,210.1	439.9	364.9	75.00	5.865		
8,800.0	7,220.0	8,871.1	7,220.0	46.3	53.5	90.00	-734.6	2,209.6	439.9	365.2	74.66	5.892		
8,900.0	7,220.0	8,971.1	7,220.0	45.8	53.0	90.00	-634.6	2,209.2	439.9	365.4	74.51	5.903		
9,000.0	7,220.0	9,071.1	7,220.0	45.3	52.5	90.00	-534.6	2,208.7	439.9	365.3	74.57	5.899		
9,100.0	7,220.0	9,171.1	7,220.0	44.8	52.0	90.00	-434.6	2,208.2	439.9	365.0	74.82	5.879		
9,200.0	7,220.0	9,271.1	7,220.0	44.4	51.6	90.00	-334.6	2,207.7	439.9	364.6	75.27	5.844		
9,300.0	7,220.0	9,371.1	7,220.0	44.0	51.2	90.00	-234.6	2,207.2	439.9	363.9	75.91	5.795		
9,400.0	7,220.0	9,471.1	7,220.0	43.6	50.8	90.00	-134.6	2,206.7	439.9	363.1	76.73	5.732		
9,500.0	7,220.0	9,571.1	7,220.0	43.3	50.4	90.00	-34.6	2,206.2	439.8	362.1	77.74	5.658		
9,600.0	7,220.0	9,671.1	7,220.0	43.0	50.0	90.00	65.4	2,205.8	439.8	360.9	78.93	5.573		
9,700.0	7,220.0	9,771.1	7,220.0	42.8	49.7	90.00	165.4	2,205.3	439.8	359.6	80.28	5.479		
9,800.0	7,220.0	9,871.1	7,220.0	42.6	49.3	90.00	265.4	2,204.8	439.8	358.0	81.78	5.378		
9,900.0	7,220.0	9,971.1	7,220.0	42.6	49.0	90.00	365.4	2,204.3	439.8	356.4	83.44	5.271		
10,000.0	7,220.0	10,071.1	7,220.0	42.8	48.7	90.00	465.4	2,203.8	439.8	354.6	85.24	5.160		
10,100.0	7,220.0	10,171.1	7,220.0	43.3	48.4	90.00	565.4	2,203.3	439.8	352.6	87.17	5.045		
10,115.3	7,220.0	10,186.4	7,220.0	43.4	48.4	90.00	580.7	2,203.3	439.8	352.3	87.48	5.028		
10,200.0	7,220.0	10,295.5	7,220.0	44.0	48.0	90.00	689.7	2,199.8	439.4	350.1	89.36	4.917		
10,299.1	7,220.0	10,412.4	7,220.0	44.9	47.7	90.00	806.2	2,189.6	438.1	346.7	91.36	4.795		
10,301.0	7,220.0	10,414.3	7,220.0	44.9	47.6	90.00	808.1	2,189.4	438.1	346.7	91.40	4.793		
10,400.0	7,220.0	10,513.3	7,220.0	46.0	47.8	90.00	906.6	2,179.4	438.2	344.6	93.53	4.685		
10,500.0	7,220.0	10,613.3	7,220.0	47.3	49.2	90.00	1,006.1	2,169.3	438.3	342.4	95.88	4.571		
10,600.0	7,220.0	10,713.3	7,220.0	48.7	50.7	90.00	1,105.6	2,159.2	438.4	340.0	98.34	4.458		
10,700.0	7,220.0	10,813.3	7,220.0	50.1	52.1	90.00	1,205.1	2,149.1	438.5	337.6	100.88	4.346		
10,800.0	7,220.0	10,913.3	7,220.0	51.6	53.6	90.00	1,304.6	2,139.0	438.6	335.0	103.52	4.237		
10,900.0	7,220.0	11,013.3	7,220.0	53.0	55.1	90.00	1,404.1	2,128.9	438.7	332.4	106.23	4.129		
11,000.0	7,220.0	11,113.3	7,220.0	54.6	56.7	90.00	1,503.6	2,118.9	438.8	329.7	109.02	4.025		
11,100.0	7,220.0	11,213.3	7,220.0	56.1	58.2	90.00	1,603.0	2,108.8	438.9	327.0	111.88	3.923		
11,200.0	7,220.0	11,313.3	7,220.0	57.7	59.8	90.00	1,702.5	2,098.7	439.0	324.2	114.80	3.824		
11,300.0	7,220.0	11,413.3	7,220.0	59.2	61.4	90.00	1,802.0	2,088.6	439.1	321.3	117.78	3.728		
11,400.0	7,220.0	11,513.3	7,220.0	60.8	63.0	90.00	1,901.5	2,078.5	439.1	318.3	120.81	3.635		
11,500.0	7,220.0	11,613.3	7,220.0	62.4	64.6	90.00	2,001.0	2,068.4	439.2	315.4	123.90	3.545		
11,600.0	7,220.0	11,713.3	7,220.0	64.1	66.2	90.00	2,100.5	2,058.3	439.3	312.3	127.03	3.459		
11,700.0	7,220.0	11,813.3	7,220.0	65.7	67.9	90.00	2,200.0	2,048.2	439.4	309.2	130.20	3.375		
11,800.0	7,220.0	11,913.3	7,220.0	67.4	69.5	90.00	2,299.5	2,038.1	439.5	306.1	133.42	3.294		
11,900.0	7,220.0	12,013.3	7,220.0	69.1	71.2	90.00	2,399.0	2,028.1	439.6	303.0	136.67	3.217		
11,975.8	7,220.0	12,043.4	7,220.0	70.3	71.7	90.00	2,428.9	2,025.0	442.1	303.7	138.41	3.194 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
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		
0.0	0.0	0.0	0.0	0.0	0.0	-179.20	-20.0	-0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	-179.20	-20.0	-0.3	20.0	19.8	0.22	89.154		
200.0	200.0	200.0	200.0	0.3	0.3	-179.20	-20.0	-0.3	20.0	19.4	0.67	29.718		
300.0	300.0	300.0	300.0	0.6	0.6	-179.20	-20.0	-0.3	20.0	18.9	1.12	17.831		
400.0	400.0	400.0	400.0	0.8	0.8	-179.20	-20.0	-0.3	20.0	18.5	1.57	12.736 CC, ES		
500.0	500.0	499.4	499.4	1.0	1.0	177.73	-21.3	0.8	21.4	19.4	2.00	10.689		
600.0	600.0	598.6	598.5	1.2	1.2	170.54	-25.3	4.2	25.7	23.2	2.42	10.596		
700.0	700.0	697.5	697.0	1.4	1.4	21.09	-31.7	9.8	31.7	28.9	2.83	11.216		
800.0	799.8	796.2	794.9	1.6	1.7	16.34	-40.8	17.5	38.0	34.8	3.23	11.766		
900.0	899.5	894.6	892.1	1.8	2.0	12.72	-52.3	27.5	44.3	40.7	3.64	12.164		
1,000.0	998.7	992.8	988.6	2.1	2.3	9.80	-66.4	39.6	50.7	46.6	4.07	12.445		
1,100.0	1,097.5	1,090.8	1,084.1	2.4	2.7	7.35	-82.9	53.7	57.1	52.5	4.52	12.635		
1,200.0	1,195.6	1,188.5	1,178.6	2.7	3.2	5.22	-101.8	70.0	63.4	58.5	4.97	12.751		
1,300.0	1,293.1	1,286.0	1,272.0	3.1	3.7	3.34	-123.1	88.3	69.8	64.3	5.45	12.804		
1,400.0	1,389.6	1,383.3	1,364.1	3.6	4.3	1.63	-146.8	108.6	76.1	70.1	5.94	12.802		
1,500.0	1,485.3	1,480.4	1,455.0	4.1	5.0	0.05	-172.7	130.9	82.3	75.9	6.46	12.751		
1,600.0	1,579.8	1,577.3	1,544.5	4.7	5.7	-1.43	-200.9	155.2	88.5	81.5	6.99	12.667		
1,700.0	1,673.2	1,674.0	1,632.4	5.4	6.5	-2.82	-231.4	181.3	94.7	87.1	7.56	12.520		
1,800.0	1,765.2	1,770.5	1,718.8	6.1	7.4	-4.14	-264.0	209.3	100.8	92.6	8.16	12.341		
1,900.0	1,855.8	1,869.5	1,806.4	7.0	8.3	-5.46	-299.0	239.5	105.8	97.0	8.81	12.008		
1,915.0	1,869.3	1,884.5	1,819.6	7.1	8.5	-5.67	-304.4	244.1	106.3	97.4	8.92	11.926		
2,000.0	1,945.5	1,969.4	1,894.7	7.8	9.3	-6.82	-334.5	269.9	108.9	99.3	9.56	11.385		
2,100.0	2,035.2	2,069.3	1,983.0	8.7	10.3	-8.10	-369.9	300.4	112.0	101.6	10.36	10.805		
2,200.0	2,124.8	2,169.3	2,071.3	9.6	11.2	-9.31	-405.4	330.9	115.1	103.9	11.20	10.279		
2,300.0	2,214.5	2,269.2	2,159.6	10.5	12.2	-10.46	-440.9	361.4	118.2	106.2	12.06	9.801		
2,400.0	2,304.1	2,369.1	2,247.9	11.4	13.2	-11.55	-476.3	391.8	121.5	108.5	12.97	9.366		
2,500.0	2,393.7	2,469.0	2,336.2	12.3	14.2	-12.59	-511.8	422.3	124.7	110.8	13.91	8.969		
2,600.0	2,483.4	2,568.9	2,424.5	13.2	15.2	-13.57	-547.3	452.8	128.0	113.1	14.87	8.605		
2,700.0	2,573.0	2,668.9	2,512.8	14.2	16.2	-14.50	-582.7	483.3	131.3	115.5	15.87	8.273		
2,800.0	2,662.7	2,768.8	2,601.1	15.1	17.1	-15.38	-618.2	513.8	134.7	117.8	16.90	7.969		
2,900.0	2,752.3	2,868.7	2,689.4	16.0	18.1	-16.22	-653.7	544.2	138.1	120.1	17.96	7.689		
3,000.0	2,842.0	2,968.6	2,777.7	16.9	19.1	-17.02	-689.1	574.7	141.5	122.5	19.04	7.432		
3,100.0	2,931.6	3,068.6	2,866.0	17.9	20.1	-17.79	-724.6	605.2	144.9	124.8	20.14	7.196		
3,200.0	3,021.3	3,168.5	2,954.3	18.8	21.1	-18.51	-760.0	635.7	148.4	127.1	21.27	6.978		
3,300.0	3,110.9	3,268.4	3,042.6	19.7	22.1	-19.21	-795.5	666.1	151.9	129.5	22.42	6.777		
3,400.0	3,200.6	3,368.3	3,130.9	20.6	23.1	-19.87	-831.0	696.6	155.4	131.8	23.58	6.590		
3,500.0	3,290.2	3,468.2	3,219.3	21.6	24.1	-20.50	-866.4	727.1	159.0	134.2	24.77	6.418		
3,600.0	3,379.9	3,568.2	3,307.6	22.5	25.1	-21.11	-901.9	757.6	162.5	136.5	25.97	6.258		
3,700.0	3,469.5	3,668.1	3,395.9	23.4	26.1	-21.69	-937.4	788.0	166.1	138.9	27.19	6.109		
3,800.0	3,559.2	3,768.0	3,484.2	24.4	27.1	-22.24	-972.8	818.5	169.7	141.2	28.42	5.970		
3,900.0	3,648.8	3,867.9	3,572.5	25.3	28.1	-22.78	-1,008.3	849.0	173.3	143.6	29.66	5.841		
4,000.0	3,738.5	3,967.9	3,660.8	26.2	29.0	-23.29	-1,043.8	879.5	176.9	146.0	30.92	5.721		
4,100.0	3,828.1	4,067.8	3,749.1	27.1	30.0	-23.78	-1,079.2	909.9	180.5	148.3	32.19	5.608		
4,200.0	3,917.8	4,167.7	3,837.4	28.1	31.0	-24.25	-1,114.7	940.4	184.1	150.7	33.47	5.502		
4,300.0	4,007.4	4,267.6	3,925.7	29.0	32.0	-24.70	-1,150.1	970.9	187.8	153.0	34.76	5.403		
4,400.0	4,097.1	4,367.5	4,014.0	29.9	33.0	-25.14	-1,185.6	1,001.4	191.5	155.4	36.06	5.310		
4,500.0	4,186.7	4,467.5	4,102.3	30.9	34.0	-25.55	-1,221.1	1,031.9	195.1	157.8	37.37	5.222		
4,600.0	4,276.4	4,567.4	4,190.6	31.8	35.0	-25.96	-1,256.5	1,062.3	198.8	160.1	38.68	5.140		
4,700.0	4,366.0	4,667.3	4,278.9	32.7	36.0	-26.35	-1,292.0	1,092.8	202.5	162.5	40.01	5.062		
4,800.0	4,455.7	4,767.2	4,367.2	33.7	37.0	-26.72	-1,327.5	1,123.3	206.2	164.9	41.34	4.988		
4,900.0	4,545.3	4,867.2	4,455.5	34.6	38.0	-27.08	-1,362.9	1,153.8	209.9	167.3	42.68	4.919		
5,000.0	4,634.9	4,967.1	4,543.9	35.5	39.0	-27.43	-1,398.4	1,184.2	213.7	169.6	44.03	4.853		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0ft
Survey Program: 0-MWDD												Offset Well Error:	0.0ft
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
5,100.0	4,724.6	5,067.0	4,632.2	36.5	40.0	-27.77	-1,433.8	1,214.7	217.4	172.0	45.38	4.791	
5,200.0	4,814.2	5,166.9	4,720.5	37.4	41.0	-28.09	-1,469.3	1,245.2	221.1	174.4	46.74	4.731	
5,300.0	4,903.9	5,266.9	4,808.8	38.3	42.0	-28.41	-1,504.8	1,275.7	224.9	176.8	48.10	4.675	
5,400.0	4,993.5	5,366.8	4,897.1	39.3	43.0	-28.71	-1,540.2	1,306.1	228.6	179.1	49.47	4.622	
5,500.0	5,083.2	5,466.7	4,985.4	40.2	44.0	-29.01	-1,575.7	1,336.6	232.4	181.5	50.84	4.571	
5,600.0	5,172.8	5,566.6	5,073.7	41.1	45.0	-29.29	-1,611.2	1,367.1	236.1	183.9	52.22	4.522	
5,700.0	5,262.5	5,666.5	5,162.0	42.1	46.0	-29.57	-1,646.6	1,397.6	239.9	186.3	53.60	4.476	
5,800.0	5,352.1	5,766.5	5,250.3	43.0	47.0	-29.84	-1,682.1	1,428.0	243.7	188.7	54.98	4.432	
5,900.0	5,441.8	5,866.4	5,338.6	43.9	48.0	-30.10	-1,717.6	1,458.5	247.4	191.1	56.37	4.389	
6,000.0	5,531.4	5,966.3	5,426.9	44.9	49.0	-30.35	-1,753.0	1,489.0	251.2	193.5	57.76	4.349	
6,100.0	5,621.1	6,066.2	5,515.2	45.8	50.0	-30.59	-1,788.5	1,519.5	255.0	195.9	59.16	4.310	
6,200.0	5,710.7	6,166.2	5,603.5	46.7	51.0	-30.83	-1,823.9	1,549.9	258.8	198.2	60.56	4.273	
6,300.0	5,800.4	6,266.1	5,691.8	47.7	52.0	-31.06	-1,859.4	1,580.4	262.6	200.6	61.96	4.238	
6,400.0	5,890.0	6,366.0	5,780.1	48.6	53.0	-31.28	-1,894.9	1,610.9	266.4	203.0	63.37	4.204	
6,500.0	5,979.7	6,465.9	5,868.4	49.6	54.0	-31.50	-1,930.3	1,641.4	270.2	205.4	64.78	4.171	
6,600.0	6,069.3	6,565.8	5,956.8	50.5	55.0	-31.71	-1,965.8	1,671.9	274.0	207.8	66.19	4.140	
6,700.0	6,159.0	6,674.8	6,054.4	51.4	55.8	-32.85	-2,000.1	1,705.5	276.6	208.1	68.50	4.038	
6,800.0	6,248.6	6,783.5	6,155.6	52.4	56.4	-37.13	-2,018.9	1,740.4	275.8	201.7	74.06	3.724	
6,846.3	6,290.2	6,831.3	6,200.7	52.8	56.7	-40.06	-2,021.9	1,755.9	275.0	197.4	77.60	3.544	
6,850.0	6,293.4	6,835.0	6,204.2	52.8	56.7	-39.92	-2,022.0	1,757.1	274.9	197.0	77.89	3.530	
6,884.3	6,324.5	6,869.4	6,236.7	53.0	56.8	-38.28	-2,022.1	1,768.2	274.7	194.1	80.56	3.410	
6,900.0	6,338.9	6,884.9	6,251.3	53.2	56.9	-37.30	-2,021.6	1,773.2	274.7	193.0	81.76	3.360	
6,950.0	6,385.3	6,933.5	6,297.2	53.5	57.0	-33.00	-2,017.8	1,789.0	275.6	190.1	85.46	3.224	
7,000.0	6,432.4	6,981.2	6,341.8	53.7	57.1	-26.67	-2,010.9	1,804.2	277.4	188.5	88.87	3.121	
7,050.0	6,480.1	7,027.8	6,384.9	53.9	57.1	-18.23	-2,001.2	1,819.0	280.1	188.2	91.91	3.047	
7,100.0	6,527.9	7,073.5	6,426.6	54.1	57.2	-8.24	-1,988.7	1,833.3	283.7	189.2	94.50	3.002	
7,150.0	6,575.8	7,118.4	6,466.7	54.2	57.2	2.04	-1,973.8	1,846.9	288.0	191.5	96.58	2.982 SF	
7,200.0	6,623.5	7,162.6	6,505.1	54.3	57.1	11.25	-1,956.6	1,860.1	293.0	194.9	98.11	2.987	
7,250.0	6,670.8	7,206.0	6,541.9	54.4	57.1	18.64	-1,937.2	1,872.6	298.6	199.5	99.07	3.014	
7,300.0	6,717.4	7,250.0	6,578.0	54.4	57.0	24.09	-1,915.3	1,884.9	304.6	205.1	99.49	3.061	
7,350.0	6,763.1	7,291.0	6,610.4	54.4	56.9	28.08	-1,892.7	1,895.9	310.9	211.6	99.31	3.130	
7,400.0	6,807.7	7,332.7	6,642.0	54.3	56.7	30.80	-1,867.8	1,906.7	317.4	218.8	98.63	3.218	
7,450.0	6,850.9	7,373.8	6,671.9	54.2	56.6	32.64	-1,841.4	1,916.8	324.0	226.5	97.46	3.324	
7,500.0	6,892.6	7,414.5	6,699.9	54.1	56.4	33.85	-1,813.5	1,926.3	330.6	234.8	95.85	3.449	
7,550.0	6,932.5	7,454.8	6,726.2	53.9	56.2	34.61	-1,784.3	1,935.2	337.2	243.3	93.85	3.593	
7,600.0	6,970.5	7,494.7	6,750.7	53.7	56.1	35.07	-1,753.8	1,943.5	343.6	252.1	91.51	3.755	
7,650.0	7,006.4	7,534.3	6,773.3	53.5	55.9	35.30	-1,722.3	1,951.1	349.8	260.9	88.89	3.935	
7,700.0	7,040.0	7,573.6	6,794.1	53.2	55.7	35.39	-1,689.7	1,958.1	355.6	269.6	86.05	4.133	
7,750.0	7,071.1	7,612.6	6,813.1	53.0	55.4	35.38	-1,656.2	1,964.5	361.2	278.1	83.05	4.349	
7,800.0	7,099.5	7,650.0	6,829.6	52.7	55.2	35.33	-1,623.1	1,970.0	366.3	286.3	79.97	4.580	
7,850.0	7,125.3	7,690.0	6,845.4	52.4	55.0	35.19	-1,586.8	1,975.2	370.9	294.1	76.83	4.828	
7,900.0	7,148.1	7,728.4	6,858.8	52.1	54.8	35.07	-1,551.1	1,979.7	375.1	301.4	73.73	5.087	
7,950.0	7,167.9	7,766.6	6,870.3	51.8	54.5	34.94	-1,514.8	1,983.5	378.8	308.0	70.74	5.355	
8,000.0	7,184.7	7,800.0	6,878.8	51.4	54.3	34.86	-1,482.7	1,986.3	381.9	314.0	67.94	5.621	
8,050.0	7,198.3	7,842.7	6,887.7	51.1	54.1	34.71	-1,441.0	1,989.1	384.4	319.1	65.29	5.887	
8,100.0	7,208.6	7,880.6	6,893.6	50.8	53.8	34.63	-1,403.6	1,991.0	386.3	323.4	62.95	6.136	
8,150.0	7,215.6	7,918.5	6,897.5	50.4	53.6	34.57	-1,366.0	1,992.2	387.6	326.7	60.95	6.360	
8,200.0	7,219.4	7,956.3	6,899.6	50.1	53.3	34.54	-1,328.2	1,992.7	388.3	329.0	59.30	6.549	
8,230.7	7,220.0	7,979.5	6,900.0	49.9	53.2	34.54	-1,305.0	1,992.7	388.5	330.0	58.48	6.643	
8,300.0	7,220.0	8,048.8	6,900.0	49.4	52.7	34.54	-1,235.7	1,992.4	388.5	329.8	58.64	6.624	
8,400.0	7,220.0	8,148.8	6,900.0	48.7	52.1	34.54	-1,135.7	1,992.0	388.5	329.6	58.93	6.592	
8,500.0	7,220.0	8,248.8	6,900.0	48.1	51.5	34.55	-1,035.7	1,991.5	388.5	329.2	59.33	6.549	

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)										Offset Site Error:		0.0 ft			
Survey Program: 0-MWD														Offset Well Error:		0.0 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					
8,600.0	7,220.0	8,348.8	6,900.0	47.5	50.9	34.55	-935.7	1,991.1	388.5	328.7	59.82	6.495					
8,700.0	7,220.0	8,448.8	6,900.0	46.9	50.3	34.55	-835.7	1,990.6	388.5	328.1	60.41	6.432					
8,800.0	7,220.0	8,548.8	6,900.0	46.3	49.7	34.56	-735.7	1,990.2	388.6	327.5	61.10	6.359					
8,900.0	7,220.0	8,648.8	6,900.0	45.8	49.2	34.56	-635.7	1,989.7	388.6	326.7	61.88	6.279					
9,000.0	7,220.0	8,748.8	6,900.0	45.3	48.7	34.57	-535.7	1,989.3	388.6	325.8	62.75	6.192					
9,100.0	7,220.0	8,848.8	6,900.0	44.8	48.2	34.57	-435.7	1,988.8	388.6	324.9	63.71	6.100					
9,200.0	7,220.0	8,948.8	6,900.0	44.4	47.8	34.57	-335.7	1,988.4	388.6	323.9	64.75	6.002					
9,300.0	7,220.0	9,048.8	6,900.0	44.0	47.4	34.58	-235.7	1,987.9	388.7	322.8	65.87	5.901					
9,400.0	7,220.0	9,148.8	6,900.0	43.6	47.0	34.58	-135.7	1,987.5	388.7	321.6	67.06	5.796					
9,500.0	7,220.0	9,248.8	6,900.0	43.3	46.6	34.59	-35.7	1,987.0	388.7	320.4	68.32	5.689					
9,600.0	7,220.0	9,348.8	6,900.0	43.0	46.2	34.59	64.3	1,986.6	388.7	319.1	69.65	5.581					
9,700.0	7,220.0	9,448.8	6,900.0	42.8	45.9	34.59	164.3	1,986.1	388.7	317.7	71.04	5.472					
9,800.0	7,220.0	9,548.8	6,900.0	42.6	45.6	34.60	264.3	1,985.7	388.7	316.3	72.49	5.363					
9,900.0	7,220.0	9,648.8	6,900.0	42.6	45.3	34.60	364.3	1,985.2	388.8	314.8	73.99	5.254					
10,000.0	7,220.0	9,748.8	6,900.0	42.8	45.0	34.61	464.3	1,984.8	388.8	313.2	75.55	5.146					
10,100.0	7,220.0	9,848.8	6,900.0	43.3	44.9	34.61	564.3	1,984.3	388.8	311.6	77.16	5.039					
10,115.3	7,220.0	9,864.1	6,900.0	43.4	44.9	34.61	579.6	1,984.3	388.8	311.4	77.41	5.023					
10,200.0	7,220.0	9,959.7	6,900.0	44.0	44.9	34.59	675.1	1,981.5	388.7	310.2	78.49	4.952					
10,301.0	7,220.0	10,071.3	6,900.0	44.9	45.6	34.51	786.4	1,972.4	388.3	308.7	79.64	4.876					
10,400.0	7,220.0	10,170.3	6,900.0	46.0	46.7	34.51	884.8	1,962.3	388.3	307.0	81.30	4.776					
10,500.0	7,220.0	10,270.3	6,900.0	47.3	48.1	34.50	984.3	1,952.1	388.3	305.3	83.06	4.675					
10,600.0	7,220.0	10,370.3	6,900.0	48.7	49.5	34.50	1,083.8	1,941.9	388.3	303.4	84.86	4.576					
10,700.0	7,220.0	10,470.3	6,900.0	50.1	50.9	34.50	1,183.3	1,931.7	388.3	301.6	86.70	4.478					
10,800.0	7,220.0	10,570.3	6,900.0	51.6	52.4	34.50	1,282.8	1,921.5	388.3	299.7	88.58	4.384					
10,900.0	7,220.0	10,670.3	6,900.0	53.0	53.9	34.50	1,382.2	1,911.3	388.3	297.8	90.48	4.291					
11,000.0	7,220.0	10,770.3	6,900.0	54.6	55.4	34.50	1,481.7	1,901.1	388.3	295.9	92.42	4.201					
11,100.0	7,220.0	10,870.3	6,900.0	56.1	57.0	34.50	1,581.2	1,890.9	388.3	293.9	94.39	4.114					
11,200.0	7,220.0	10,970.3	6,900.0	57.7	58.6	34.50	1,680.7	1,880.7	388.3	291.9	96.38	4.029					
11,300.0	7,220.0	11,070.3	6,900.0	59.2	60.2	34.49	1,780.2	1,870.5	388.3	289.9	98.40	3.946					
11,400.0	7,220.0	11,170.3	6,900.0	60.8	61.8	34.49	1,879.6	1,860.3	388.3	287.8	100.44	3.866					
11,500.0	7,220.0	11,270.3	6,900.0	62.4	63.4	34.49	1,979.1	1,850.1	388.3	285.8	102.50	3.788					
11,600.0	7,220.0	11,370.3	6,900.0	64.1	65.0	34.49	2,078.6	1,839.9	388.2	283.7	104.58	3.712					
11,700.0	7,220.0	11,470.3	6,900.0	65.7	66.7	34.49	2,178.1	1,829.7	388.2	281.6	106.68	3.639					
11,800.0	7,220.0	11,570.3	6,900.0	67.4	68.4	34.49	2,277.5	1,819.5	388.2	279.4	108.81	3.568					
11,900.0	7,220.0	11,670.3	6,900.0	69.1	70.0	34.49	2,377.0	1,809.3	388.2	277.3	110.94	3.499					
11,944.4	7,220.0	11,714.7	6,900.0	69.8	70.8	34.49	2,421.2	1,804.8	388.2	276.3	111.90	3.469					
11,975.8	7,220.0	11,722.9	6,900.0	70.3	70.9	34.49	2,429.3	1,804.0	388.9	276.6	112.32	3.462					

Company: Synergy Resources
Project: SEC.2-T4N-R68W
Reference Site: SRC Vista (N/S) Pad Sec.2-T4N-R68W
Site Error: 0.0ft
Reference Well: SRC Vista 21-2CHZ
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (11-10-14)

Local Co-ordinate Reference: Well SRC Vista 21-2CHZ
TVD Reference: WELL @ 5013.0ft (RKB - 13')
MD Reference: WELL @ 5013.0ft (RKB - 13')
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')

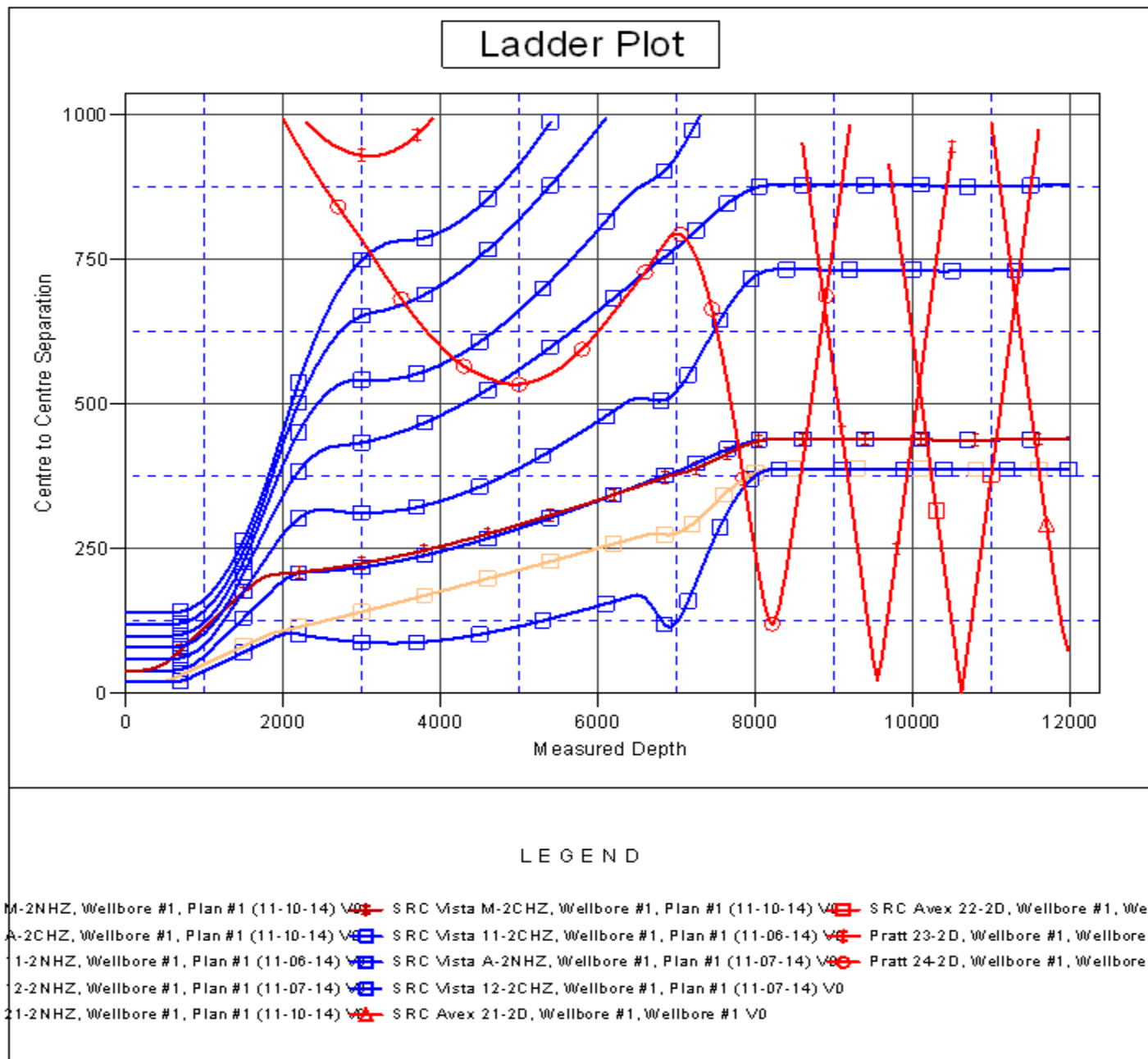
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista 21-2CHZ

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.34°



Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 21-2CHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista 21-2CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista 21-2CHZ
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.34°

