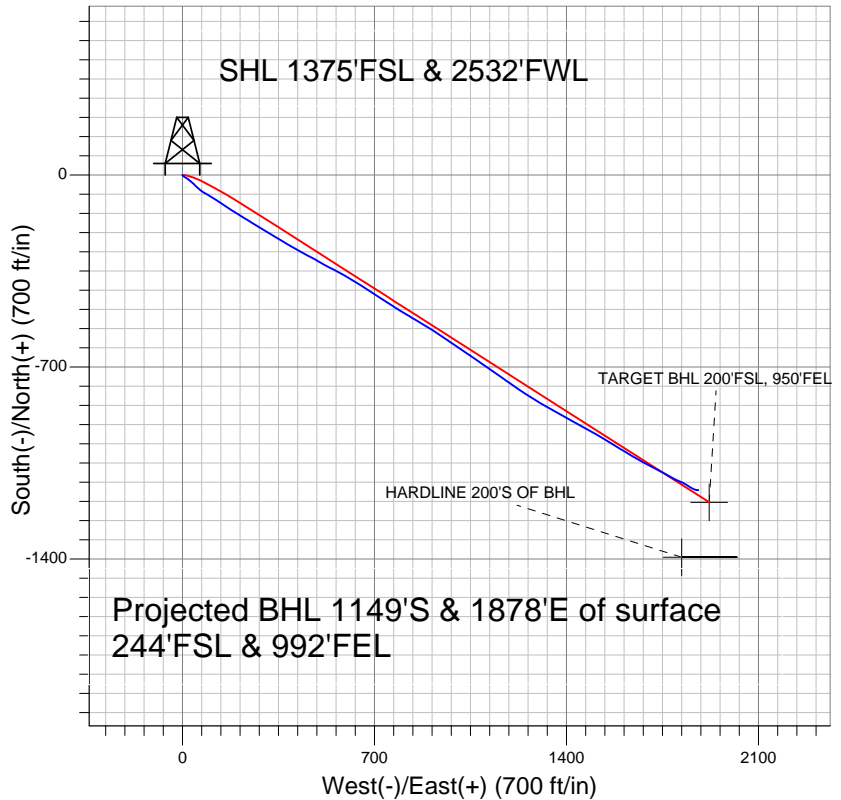


Synergy Resources



LEGEND

- ◊ SRC State 16TD, Wellbore #1, Plan #2 (5-26-10) V0
- Wellbore #1

Final Survey Plot

Projected Final Survey -
 7930'MD & 7462'TVD @ 2201' VS
 0.1 deg Inc 63.1 deg AZ

Project: SEC.16-T4N-R67W
 Site: SRC State 33-16D Pad Sec.16-T4N-R67W
 Well: SRC State 16TD
 Plan: Wellbore #1



Directional

Synergy Resources

SEC.16-T4N-R67W

SRC State 33-16D Pad Sec.16-T4N-R67W

SRC State 16TD

Wellbore #1

Design: Wellbore #1

Standard Survey Report

11 October, 2010

Survey	Wellbore Data									
	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)
Main Wellbore	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	150.0	1.50	154.80	150.0	-1.8	0.8	1.6	1.00	1.00	0.00
	242.0	2.40	126.20	241.9	-4.0	2.9	4.6	1.41	0.98	-31.09
	334.0	3.50	121.60	333.8	-6.6	6.8	9.3	1.22	1.20	-5.00
	425.0	4.60	122.50	424.6	-10.0	12.3	15.7	1.21	1.21	0.99
	518.0	6.70	127.90	517.1	-15.4	19.7	24.8	2.33	2.26	5.81
	589.0	8.10	128.40	587.5	-21.0	26.9	33.9	1.97	1.97	0.70
	707.0	8.40	132.90	704.3	-32.0	39.7	50.6	0.60	0.25	3.81
	801.0	11.10	135.70	796.9	-43.2	51.1	66.1	2.92	2.87	2.98
	895.0	13.30	126.50	888.8	-56.1	66.1	85.7	3.12	2.34	-9.79
	988.0	16.20	119.40	978.8	-68.8	86.0	109.3	3.67	3.12	-7.63
	1,082.0	18.20	120.50	1,068.5	-82.7	110.1	137.1	2.16	2.13	1.17
1,176.0	20.00	125.70	1,157.4	-99.6	135.8	167.8	2.63	1.91	5.53	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC State 16TD
Project:	SEC.16-T4N-R67W	TVD Reference:	WELL @ 4923.0ft (Original Well Elev)
Site:	SRC State 33-16D Pad Sec.16-T4N-R67W	MD Reference:	WELL @ 4923.0ft (Original Well Elev)
Well:	SRC State 16TD	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

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)	
1,270.0	22.20	122.80	1,245.1	-118.6	163.8	201.6	2.59	2.34	-3.09	
1,362.0	23.60	121.40	1,329.8	-137.6	194.1	237.4	1.63	1.52	-1.52	
1,455.0	22.50	122.70	1,415.4	-156.9	225.0	273.8	1.30	-1.18	1.40	
1,546.0	25.70	119.70	1,498.5	-176.1	256.8	310.9	3.76	3.52	-3.30	
1,640.0	27.00	123.20	1,582.7	-197.9	292.3	352.6	2.15	1.38	3.72	
1,734.0	27.90	121.60	1,666.1	-221.1	328.9	396.0	1.24	0.96	-1.70	
1,827.0	28.80	119.90	1,748.0	-243.6	366.9	440.1	1.30	0.97	-1.83	
1,921.0	27.60	119.10	1,830.8	-265.5	405.5	484.5	1.34	-1.28	-0.85	
2,016.0	26.10	118.00	1,915.6	-286.0	443.2	527.4	1.66	-1.58	-1.16	
2,110.0	26.80	119.80	1,999.7	-306.3	479.9	569.2	1.13	0.74	1.91	
2,203.0	25.10	119.00	2,083.3	-326.3	515.3	609.8	1.87	-1.83	-0.86	
2,297.0	24.00	116.20	2,168.8	-344.4	549.9	648.8	1.70	-1.17	-2.98	
2,391.0	25.60	119.30	2,254.2	-362.7	584.8	688.1	2.19	1.70	3.30	
2,485.0	26.30	121.90	2,338.7	-383.7	620.2	729.3	1.42	0.74	2.77	
2,578.0	27.30	123.10	2,421.7	-406.2	655.5	771.2	1.22	1.08	1.29	
2,672.0	29.20	122.50	2,504.5	-430.3	692.9	815.7	2.04	2.02	-0.64	
2,765.0	29.90	122.80	2,585.4	-455.1	731.5	861.5	0.77	0.75	0.32	
2,859.0	30.20	121.80	2,666.8	-480.2	771.3	908.6	0.62	0.32	-1.06	
2,953.0	28.00	121.90	2,748.9	-504.3	810.2	954.3	2.34	-2.34	0.11	
3,047.0	25.00	120.70	2,833.0	-526.1	846.0	996.2	3.24	-3.19	-1.28	
3,140.0	26.10	121.20	2,916.9	-546.8	880.4	1,036.3	1.21	1.18	0.54	
3,234.0	26.90	123.10	3,001.0	-569.1	915.9	1,078.3	1.24	0.85	2.02	
3,328.0	24.60	123.30	3,085.7	-591.5	950.0	1,119.1	2.45	-2.45	0.21	
3,422.0	24.50	124.60	3,171.2	-613.3	982.4	1,158.1	0.58	-0.11	1.38	
3,516.0	23.80	124.60	3,257.0	-635.1	1,014.1	1,196.5	0.74	-0.74	0.00	
3,609.0	22.20	123.50	3,342.6	-655.5	1,044.2	1,232.8	1.78	-1.72	-1.18	
3,703.0	20.60	125.60	3,430.1	-674.9	1,072.5	1,267.0	1.89	-1.70	2.23	
3,797.0	22.00	125.00	3,517.7	-694.6	1,100.3	1,301.1	1.51	1.49	-0.64	
3,890.0	21.90	122.80	3,603.9	-714.0	1,129.2	1,335.8	0.89	-0.11	-2.37	
3,984.0	24.30	126.20	3,690.4	-734.9	1,159.5	1,372.6	2.92	2.55	3.62	
4,078.0	27.80	124.20	3,774.8	-758.7	1,193.3	1,413.8	3.84	3.72	-2.13	
4,171.0	29.40	123.90	3,856.5	-783.6	1,230.2	1,458.3	1.73	1.72	-0.32	
4,265.0	29.50	123.50	3,938.3	-809.2	1,268.6	1,504.5	0.23	0.11	-0.43	
4,359.0	26.20	121.30	4,021.4	-832.8	1,305.6	1,548.4	3.68	-3.51	-2.34	
4,452.0	25.20	118.50	4,105.2	-852.9	1,340.6	1,588.7	1.69	-1.08	-3.01	
4,546.0	27.70	119.30	4,189.4	-873.2	1,377.2	1,630.5	2.69	2.66	0.85	
4,640.0	26.10	118.00	4,273.2	-893.6	1,414.5	1,673.0	1.81	-1.70	-1.38	
4,734.0	26.40	119.20	4,357.5	-913.5	1,451.0	1,714.5	0.65	0.32	1.28	
4,828.0	27.30	118.90	4,441.4	-934.1	1,488.2	1,756.9	0.97	0.96	-0.32	
4,922.0	26.30	120.30	4,525.3	-955.0	1,525.0	1,799.3	1.26	-1.06	1.49	
5,016.0	26.50	122.50	4,609.5	-976.8	1,560.7	1,841.1	1.06	0.21	2.34	
5,109.0	26.80	121.30	4,692.6	-998.8	1,596.1	1,882.8	0.66	0.32	-1.29	
5,203.0	28.20	120.10	4,776.0	-1,021.0	1,633.4	1,926.2	1.60	1.49	-1.28	
5,297.0	25.00	119.20	4,860.0	-1,041.8	1,670.0	1,968.2	3.43	-3.40	-0.96	
5,390.0	21.40	118.30	4,945.5	-1,059.4	1,702.1	2,004.8	3.89	-3.87	-0.97	
5,484.0	18.30	116.20	5,033.9	-1,074.1	1,730.4	2,036.6	3.38	-3.30	-2.23	
5,578.0	16.50	120.60	5,123.6	-1,087.4	1,755.2	2,064.7	2.37	-1.91	4.68	
5,672.0	16.10	118.40	5,213.8	-1,100.4	1,778.1	2,091.0	0.78	-0.43	-2.34	
5,766.0	12.70	115.00	5,304.9	-1,111.0	1,799.0	2,114.3	3.73	-3.62	-3.62	
5,860.0	11.60	114.30	5,396.8	-1,119.2	1,816.9	2,134.0	1.18	-1.17	-0.74	
5,954.0	9.50	117.70	5,489.2	-1,126.7	1,832.4	2,151.1	2.33	-2.23	3.62	
6,048.0	7.90	126.30	5,582.1	-1,134.2	1,844.5	2,165.3	2.19	-1.70	9.15	
6,142.0	6.50	119.20	5,675.3	-1,140.6	1,854.4	2,177.0	1.76	-1.49	-7.55	
6,235.0	5.10	115.60	5,767.9	-1,144.9	1,862.7	2,186.4	1.55	-1.51	-3.87	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC State 16TD
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Site:	SRC State 33-16D Pad Sec.16-T4N-R67W	MD Reference:	WELL @ 4923.0ft (Original Well Elev)
Well:	SRC State 16TD	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

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)	
6,329.0	3.30	104.80	5,861.6	-1,147.4	1,869.1	2,193.2	2.08	-1.91	-11.49	
6,422.0	1.90	98.10	5,954.5	-1,148.3	1,873.2	2,197.1	1.54	-1.51	-7.20	
6,516.0	1.30	95.20	6,048.5	-1,148.6	1,875.8	2,199.5	0.64	-0.64	-3.09	
6,568.3	0.90	92.48	6,100.7	-1,148.7	1,876.8	2,200.4	0.76	-0.76	-5.19	
TARGET BHL 200'FSL, 950'FEL										
6,609.0	0.60	87.90	6,141.5	-1,148.7	1,877.3	2,200.9	0.76	-0.75	-11.26	
6,703.0	0.30	116.60	6,235.5	-1,148.8	1,878.0	2,201.5	0.39	-0.32	30.53	
6,797.0	0.20	71.70	6,329.5	-1,148.9	1,878.4	2,201.9	0.23	-0.11	-47.77	
6,891.0	0.10	41.80	6,423.5	-1,148.8	1,878.6	2,202.0	0.13	-0.11	-31.81	
6,985.0	0.20	163.40	6,517.5	-1,148.9	1,878.7	2,202.1	0.28	0.11	129.36	
7,141.0	0.20	253.90	6,673.5	-1,149.2	1,878.5	2,202.2	0.18	0.00	58.01	
7,297.0	0.20	253.90	6,829.5	-1,149.3	1,878.0	2,201.8	0.00	0.00	0.00	
7,454.0	0.40	262.30	6,986.5	-1,149.5	1,877.2	2,201.2	0.13	0.13	5.35	
7,609.0	0.20	100.50	7,141.5	-1,149.6	1,876.9	2,201.0	0.38	-0.13	-104.39	
7,765.0	0.40	41.60	7,297.5	-1,149.3	1,877.6	2,201.4	0.22	0.13	-37.76	
7,874.0	0.10	63.10	7,406.5	-1,148.9	1,877.9	2,201.5	0.28	-0.28	19.72	
7,930.0	0.10	63.10	7,462.5	-1,148.9	1,878.0	2,201.5	0.00	0.00	0.00	
HARDLINE 200'S OF BHL										

Checked By: _____	Approved By: _____	Date: _____
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