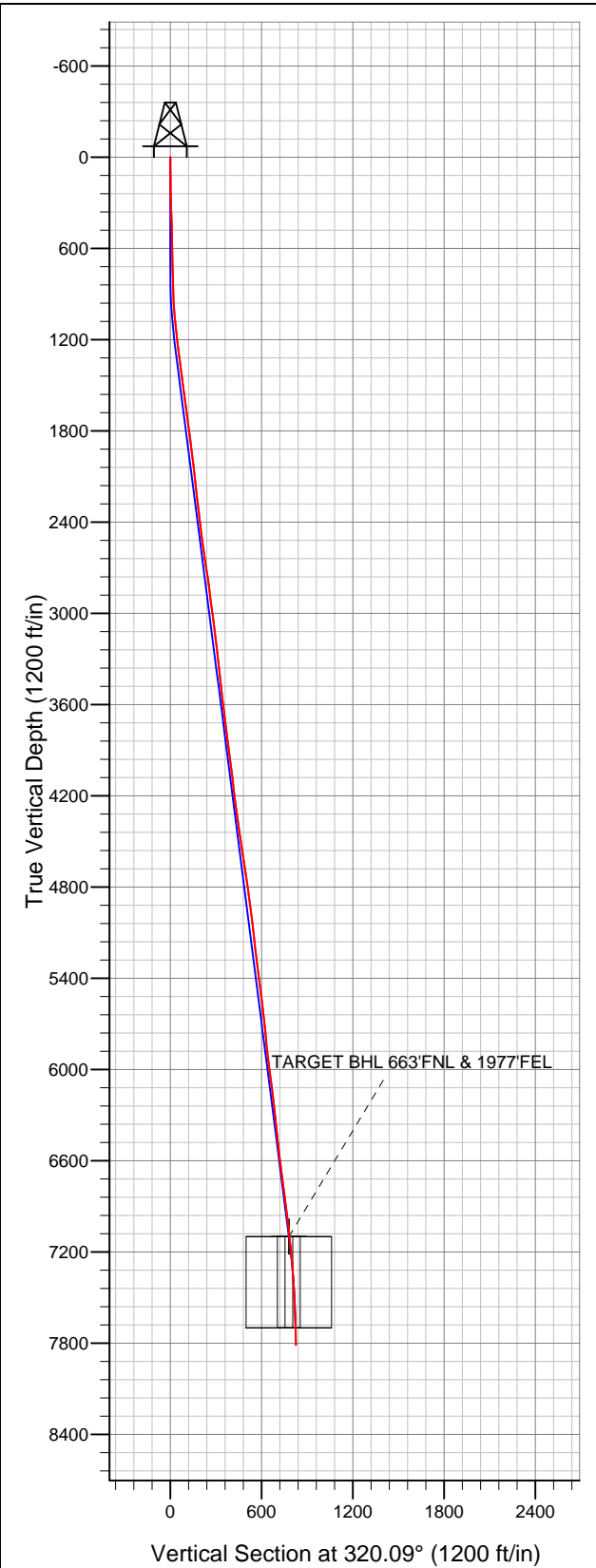


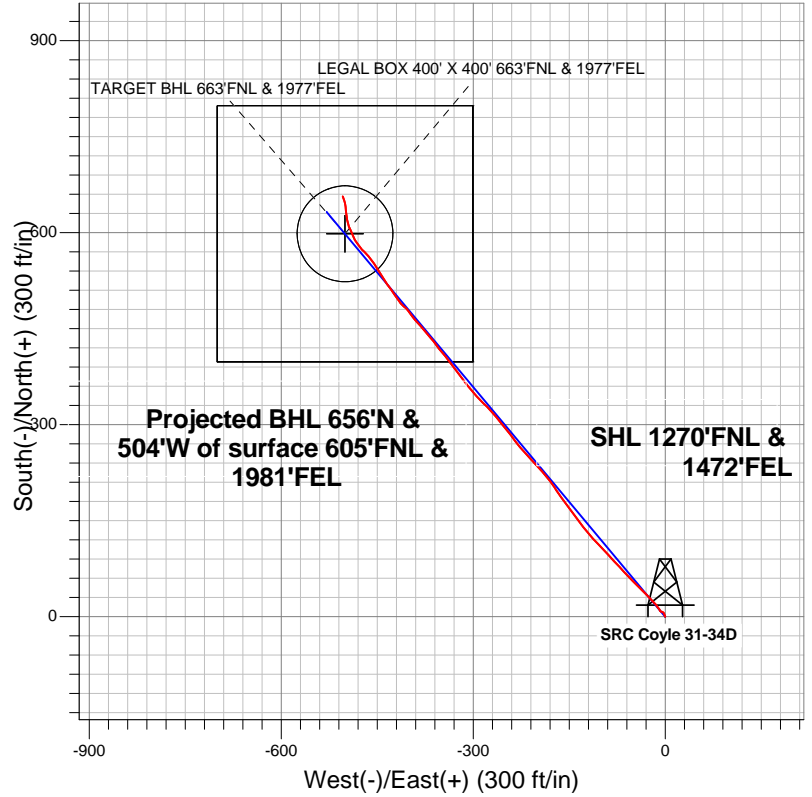
Well Name: SRC Coyle 31-34D

Surface Location: SRC Coyle 31-34D Pad Sec.34-T4N-R68W
 North American Datum 1983 US State Plane 1983Colorado Northern Zone
 Ground Elevation: 5109.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1342971.11	3143684.15	40.273710	-104.985054	
Original Well Elev			WELL @ 5121.0ft (Original Well Elev)			



Synergy Resources



LEGEND

- Wellbore #1
- SRC Coyle 31-34D, Wellbore #1, Plan #2 (7-12-12) V0
- Survey #1

Final Survey Plot

Projected Final Survey -
 7863'MD & 7813'TVD @ 827'VS
 1.50 deg Inc 334.60 deg AZ

Project: SEC.34-T4N-R68W
 Site: SRC Coyle 31-34D Pad Sec.34-T4N-R68W
 Well: SRC Coyle 31-34D
 Plan: Wellbore #1



Synergy Resources

SEC.34-T4N-R68W

SRC Coyle 31-34D Pad Sec.34-T4N-R68W

SRC Coyle 31-34D

Wellbore #1

Survey: Survey #1

Standard Survey Report

25 July, 2012

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 31-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5121.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5121.0ft (Original Well Elev)
Well:	SRC Coyle 31-34D	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.34-T4N-R68W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site		SRC Coyle 31-34D Pad Sec.34-T4N-R68W			
Site Position:		Northing:	1,342,971.13ft	Latitude:	40.273710
From:	Lat/Long	Easting:	3,143,684.15ft	Longitude:	-104.985054
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.33 °

Well	SRC Coyle 31-34D					
Well Position	+N/-S	0.0 ft	Northing:	1,342,971.11 ft	Latitude:	40.273710
	+E/-W	0.0 ft	Easting:	3,143,684.15 ft	Longitude:	-104.985054
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,109.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/13/2012	8.83	66.88	52,925

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	320.09	

Survey Program		Date	7/25/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
123.0	7,863.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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	
123.0	1.10	335.30	123.0	1.1	-0.5	1.1	0.89	0.89	0.00	
214.0	1.50	339.70	214.0	3.0	-1.3	3.1	0.45	0.44	4.84	
307.0	1.60	337.50	306.9	5.3	-2.2	5.5	0.13	0.11	-2.37	
399.0	2.30	295.70	398.9	7.3	-4.3	8.4	1.67	0.76	-45.43	
491.0	1.00	280.60	490.8	8.3	-6.8	10.7	1.48	-1.41	-16.41	
582.0	1.10	331.00	581.8	9.2	-8.0	12.2	0.99	0.11	55.38	
642.0	1.40	334.90	641.8	10.3	-8.6	13.4	0.52	0.50	6.50	
684.0	1.40	334.90	683.8	11.3	-9.0	14.4	0.00	0.00	0.00	
731.0	1.40	317.70	730.8	12.2	-9.7	15.6	0.89	0.00	-36.60	
824.0	1.30	320.30	823.8	13.9	-11.1	17.8	0.13	-0.11	2.80	
918.0	2.70	326.80	917.7	16.5	-13.0	21.0	1.51	1.49	6.91	
1,012.0	4.20	322.20	1,011.5	21.1	-16.3	26.7	1.62	1.60	-4.89	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 31-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5121.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5121.0ft (Original Well Elev)
Well:	SRC Coyle 31-34D	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)	
1,106.0	5.70	311.70	1,105.2	26.9	-21.9	34.7	1.86	1.60	-11.17	
1,199.0	6.90	314.70	1,197.6	33.9	-29.3	44.8	1.34	1.29	3.23	
1,293.0	7.60	315.90	1,290.9	42.4	-37.7	56.7	0.76	0.74	1.28	
1,387.0	7.30	316.80	1,384.1	51.2	-46.1	68.8	0.34	-0.32	0.96	
1,480.0	7.60	315.00	1,476.3	59.8	-54.5	80.9	0.41	0.32	-1.94	
1,574.0	7.40	317.30	1,569.5	68.7	-63.0	93.1	0.38	-0.21	2.45	
1,668.0	7.70	316.40	1,662.7	77.7	-71.4	105.4	0.34	0.32	-0.96	
1,761.0	8.00	315.90	1,754.8	86.9	-80.2	118.1	0.33	0.32	-0.54	
1,855.0	7.10	318.90	1,848.0	95.9	-88.6	130.4	1.04	-0.96	3.19	
1,949.0	7.20	316.80	1,941.3	104.6	-96.4	142.1	0.30	0.11	-2.23	
2,043.0	6.90	317.00	2,034.5	113.0	-104.3	153.6	0.32	-0.32	0.21	
2,136.0	6.20	316.80	2,126.9	120.8	-111.6	164.2	0.75	-0.75	-0.22	
2,230.0	6.20	318.90	2,220.4	128.3	-118.4	174.4	0.24	0.00	2.23	
2,324.0	6.30	322.20	2,313.8	136.2	-124.9	184.6	0.40	0.11	3.51	
2,417.0	6.70	321.50	2,406.2	144.5	-131.4	195.1	0.44	0.43	-0.75	
2,511.0	8.30	324.00	2,499.4	154.3	-138.8	207.4	1.74	1.70	2.66	
2,605.0	8.70	323.50	2,592.4	165.5	-147.0	221.2	0.43	0.43	-0.53	
2,699.0	8.40	323.30	2,685.3	176.7	-155.3	235.2	0.32	-0.32	-0.21	
2,792.0	7.70	324.00	2,777.4	187.2	-163.1	248.2	0.76	-0.75	0.75	
2,886.0	6.90	329.10	2,870.7	197.1	-169.7	260.0	1.09	-0.85	5.43	
2,980.0	8.00	324.20	2,963.9	207.3	-176.4	272.1	1.35	1.17	-5.21	
3,073.0	7.80	320.50	3,056.0	217.4	-184.2	284.9	0.59	-0.22	-3.98	
3,167.0	7.00	317.00	3,149.2	226.5	-192.2	297.0	0.98	-0.85	-3.72	
3,261.0	6.20	316.30	3,242.6	234.3	-199.6	307.8	0.86	-0.85	-0.74	
3,355.0	6.10	321.00	3,336.0	241.9	-206.2	317.9	0.55	-0.11	5.00	
3,448.0	6.60	315.40	3,428.5	249.5	-213.1	328.1	0.86	0.54	-6.02	
3,542.0	6.60	317.30	3,521.8	257.4	-220.5	338.9	0.23	0.00	2.02	
3,636.0	6.90	321.20	3,615.2	265.7	-227.7	349.9	0.58	0.32	4.15	
3,729.0	6.80	323.70	3,707.5	274.5	-234.5	361.0	0.34	-0.11	2.69	
3,823.0	7.00	322.10	3,800.9	283.5	-241.3	372.3	0.30	0.21	-1.70	
3,917.0	7.10	321.20	3,894.1	292.6	-248.5	383.8	0.16	0.11	-0.96	
4,011.0	8.10	320.80	3,987.3	302.2	-256.3	396.3	1.07	1.06	-0.43	
4,104.0	6.90	320.50	4,079.5	311.6	-264.0	408.4	1.29	-1.29	-0.32	
4,198.0	6.70	318.90	4,172.9	320.1	-271.2	419.5	0.29	-0.21	-1.70	
4,292.0	7.10	315.70	4,266.2	328.4	-278.8	430.8	0.59	0.43	-3.40	
4,385.0	8.60	314.70	4,358.3	337.4	-287.8	443.5	1.62	1.61	-1.08	
4,479.0	8.60	318.00	4,451.2	347.6	-297.5	457.5	0.52	0.00	3.51	
4,573.0	8.40	320.80	4,544.2	358.1	-306.5	471.4	0.49	-0.21	2.98	
4,666.0	7.90	321.70	4,636.3	368.4	-314.8	484.6	0.55	-0.54	0.97	
4,760.0	8.20	325.80	4,729.3	379.0	-322.6	497.7	0.69	0.32	4.36	
4,854.0	8.20	322.80	4,822.4	389.9	-330.4	511.0	0.46	0.00	-3.19	
4,948.0	8.30	320.50	4,915.4	400.5	-338.8	524.5	0.37	0.11	-2.45	
5,041.0	7.00	320.50	5,007.6	410.0	-346.6	536.9	1.40	-1.40	0.00	
5,135.0	6.40	322.80	5,100.9	418.6	-353.4	547.9	0.70	-0.64	2.45	
5,229.0	6.20	323.70	5,194.4	426.9	-359.6	558.2	0.24	-0.21	0.96	
5,322.0	7.30	320.70	5,286.7	435.5	-366.3	569.1	1.24	1.18	-3.23	
5,416.0	7.30	319.60	5,380.0	444.7	-374.0	581.0	0.15	0.00	-1.17	
5,510.0	7.80	318.00	5,473.2	454.0	-382.1	593.4	0.58	0.53	-1.70	
5,604.0	6.90	318.00	5,566.4	462.9	-390.2	605.4	0.96	-0.96	0.00	
5,698.0	5.70	327.50	5,659.8	471.0	-396.5	615.7	1.69	-1.28	10.11	
5,791.0	5.60	319.60	5,752.4	478.4	-401.9	624.8	0.84	-0.11	-8.49	
5,885.0	5.70	309.10	5,845.9	484.8	-408.5	634.0	1.10	0.11	-11.17	
5,979.0	7.30	323.70	5,939.3	492.6	-415.6	644.5	2.43	1.70	15.53	
6,073.0	7.00	326.10	6,032.6	502.1	-422.4	656.2	0.45	-0.32	2.55	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 31-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5121.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5121.0ft (Original Well Elev)
Well:	SRC Coyle 31-34D	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)	
6,166.0	7.10	327.50	6,124.9	511.7	-428.6	667.5	0.21	0.11	1.51	
6,260.0	7.60	323.30	6,218.1	521.6	-435.5	679.5	0.78	0.53	-4.47	
6,354.0	6.30	327.00	6,311.4	530.9	-442.0	690.8	1.46	-1.38	3.94	
6,448.0	5.30	328.60	6,404.9	538.9	-447.0	700.2	1.08	-1.06	1.70	
6,541.0	6.30	329.30	6,497.4	547.0	-451.9	709.5	1.08	1.08	0.75	
6,635.0	6.90	324.00	6,590.8	556.0	-457.8	720.2	0.91	0.64	-5.64	
6,729.0	7.50	314.20	6,684.1	564.8	-465.6	731.9	1.45	0.64	-10.43	
6,823.0	7.50	319.60	6,777.3	573.8	-473.9	744.2	0.75	0.00	5.74	
6,916.0	7.70	324.50	6,869.5	583.5	-481.5	756.5	0.73	0.22	5.27	
7,010.0	6.60	337.90	6,962.7	593.6	-487.2	767.9	2.12	-1.17	14.26	
7,104.0	7.10	334.00	7,056.1	603.8	-491.8	778.7	0.73	0.53	-4.15	
7,147.3	7.15	339.61	7,099.0	608.8	-493.9	783.8	1.61	0.12	12.95	
TARGET BHL 663'FNL & 1977'FEL - TARGET CIRCLE 663'FNL & 1977'FEL - LEGAL BOX 400' X 400' 663'FNL & 1977'FEI										
7,198.0	7.30	346.00	7,149.3	614.8	-495.7	789.7	1.61	0.29	12.61	
7,291.0	5.90	352.10	7,241.7	625.3	-497.8	799.0	1.68	-1.51	6.56	
7,385.0	4.60	355.60	7,335.3	633.9	-498.8	806.2	1.42	-1.38	3.72	
7,479.0	3.70	353.20	7,429.1	640.6	-499.4	811.8	0.97	-0.96	-2.55	
7,573.0	3.10	347.90	7,522.9	646.1	-500.3	816.6	0.72	-0.64	-5.64	
7,666.0	2.60	342.10	7,615.8	650.6	-501.5	820.8	0.62	-0.54	-6.24	
7,760.0	1.80	334.60	7,709.7	653.9	-502.8	824.2	0.90	-0.85	-7.98	
7,821.0	1.50	334.60	7,770.7	655.5	-503.5	825.9	0.49	-0.49	0.00	
7,863.0	1.50	334.60	7,812.7	656.5	-504.0	827.0	0.00	0.00	0.00	

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------