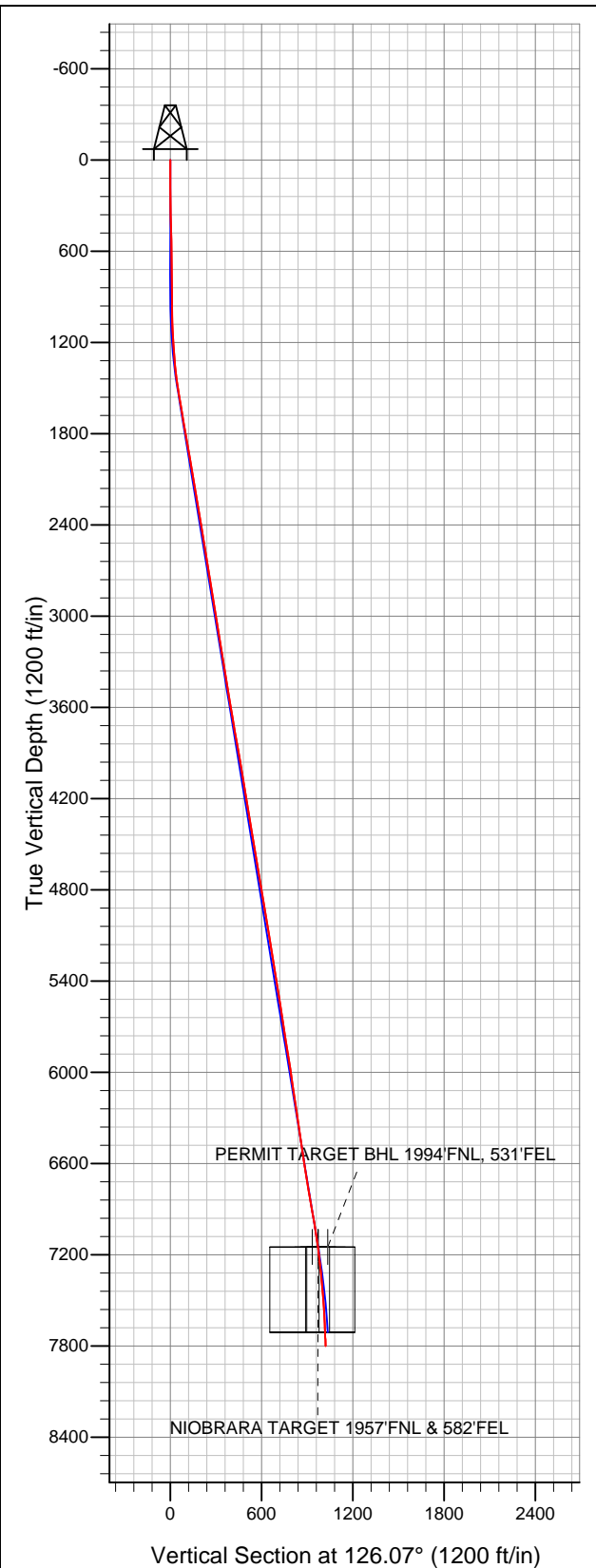


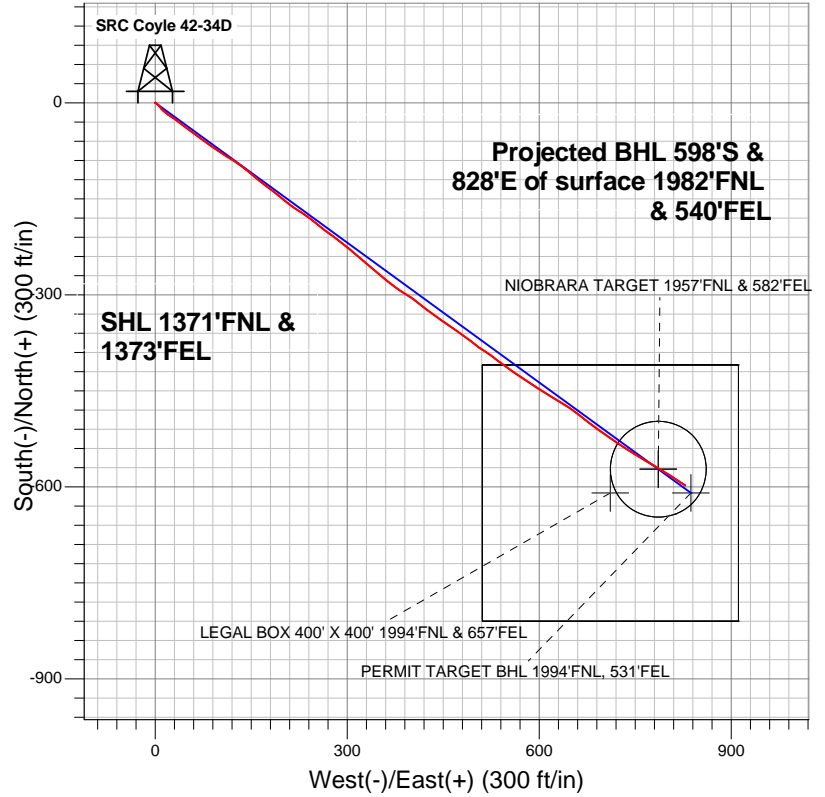
Well Name: SRC Coyle 42-34D

Surface Location: SRC Coyle 31-34D Pad Sec.34-T4N-R68W
North American Datum 1983 US State Plane 1983Colorado Northern Zone
Ground Elevation: 5113.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1342872.23	3143783.23	40.273437	-104.984701	
		Original Well Elev				WELL @ 5125.0ft (Original Well Elev)



Synergy Resources



LEGEND

- Wellbore #1
- SRC Coyle 42-34D, Wellbore #1, Plan #2 (8-27-12) R V0
- Survey #1

Final Survey Plot

Projected Final Survey -
7879'MD & 7800'TVD @ 1021'VS
2.20 deg Inc 119.20 deg AZ

Project: SEC.34-T4N-R68W
Site: SRC Coyle 31-34D Pad Sec.34-T4N-R68W
Well: SRC Coyle 42-34D
Plan: Wellbore #1



Synergy Resources

SEC.34-T4N-R68W

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

SRC Coyle 42-34D

Wellbore #1

Survey: Survey #1

Standard Survey Report

05 September, 2012

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 42-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5125.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5125.0ft (Original Well Elev)
Well:	SRC Coyle 42-34D	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	
From:	Lat/Long	Easting:		Longitude:	
		3,143,684.15ft		-104.985054	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
0.0 ft		"		0.33 °	

Well	SRC Coyle 42-34D					
Well Position	+N/-S	0.0 ft	Northing:	1,342,872.23 ft	Latitude:	40.273437
	+E/-W	0.0 ft	Easting:	3,143,783.23 ft	Longitude:	-104.984701
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,113.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/27/2012	8.81	66.87	52,912

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	126.07	

Survey Program		Date	9/5/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
88.0	7,879.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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 Survey	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	88.0	0.30	77.60	88.0	0.0	0.2	0.2	0.34	0.34	0.00
	179.0	0.40	93.90	179.0	0.1	0.8	0.6	0.15	0.11	17.91
	269.0	0.70	131.70	269.0	-0.3	1.5	1.4	0.51	0.33	42.00
	363.0	1.20	136.60	363.0	-1.4	2.6	2.9	0.54	0.53	5.21
	455.0	1.80	143.30	454.9	-3.3	4.1	5.3	0.68	0.65	7.28
	546.0	1.10	127.00	545.9	-4.9	5.7	7.5	0.89	-0.77	-17.91
	638.0	1.10	132.10	637.9	-6.1	7.0	9.3	0.11	0.00	5.54
	687.0	1.10	132.10	686.9	-6.7	7.7	10.2	0.00	0.00	0.00
	700.0	0.50	144.70	699.9	-6.8	7.9	10.4	4.78	-4.62	96.92
	792.0	0.40	152.40	791.9	-7.4	8.2	11.0	0.13	-0.11	8.37
	886.0	0.20	189.50	885.9	-7.9	8.4	11.4	0.29	-0.21	39.47
	980.0	0.50	132.40	979.9	-8.3	8.6	11.9	0.45	0.32	-60.74

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 42-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5125.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5125.0ft (Original Well Elev)
Well:	SRC Coyle 42-34D	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)
1,073.0	1.90	139.30	1,072.9	-9.8	10.0	13.8	1.51	1.51	7.42
1,167.0	3.10	135.70	1,166.8	-12.8	12.7	17.8	1.29	1.28	-3.83
1,261.0	4.50	124.80	1,260.6	-16.7	17.5	24.0	1.67	1.49	-11.60
1,358.0	5.50	123.80	1,357.2	-21.4	24.5	32.5	1.03	1.03	-1.03
1,448.0	7.50	127.10	1,446.6	-27.4	32.8	42.6	2.26	2.22	3.67
1,542.0	9.10	127.30	1,539.6	-35.6	43.6	56.2	1.70	1.70	0.21
1,636.0	10.00	126.60	1,632.3	-45.0	56.1	71.8	0.97	0.96	-0.74
1,730.0	10.20	125.40	1,724.9	-54.7	69.4	88.3	0.31	0.21	-1.28
1,823.0	9.90	125.70	1,816.4	-64.1	82.6	104.5	0.33	-0.32	0.32
1,917.0	9.90	125.00	1,909.0	-73.4	95.8	120.7	0.13	0.00	-0.74
2,010.0	9.90	122.20	2,000.7	-82.3	109.1	136.6	0.52	0.00	-3.01
2,104.0	9.40	121.30	2,093.3	-90.6	122.5	152.4	0.56	-0.53	-0.96
2,198.0	9.20	126.40	2,186.1	-99.0	135.1	167.5	0.90	-0.21	5.43
2,292.0	9.30	131.20	2,278.9	-108.5	146.9	182.6	0.83	0.11	5.11
2,385.0	8.80	129.90	2,370.7	-118.0	158.0	197.2	0.58	-0.54	-1.40
2,479.0	9.60	126.80	2,463.5	-127.3	169.8	212.2	1.00	0.85	-3.30
2,573.0	9.80	126.80	2,556.2	-136.8	182.5	228.0	0.21	0.21	0.00
2,666.0	10.10	130.10	2,647.8	-146.8	195.0	244.1	0.69	0.32	3.55
2,760.0	8.70	129.10	2,740.5	-156.6	206.9	259.4	1.50	-1.49	-1.06
2,854.0	9.00	122.70	2,833.4	-165.0	218.6	273.8	1.09	0.32	-6.81
2,948.0	9.30	123.10	2,926.2	-173.2	231.1	288.8	0.33	0.32	0.43
3,041.0	9.10	127.70	3,018.0	-181.8	243.2	303.6	0.82	-0.22	4.95
3,135.0	8.70	129.10	3,110.9	-190.8	254.6	318.2	0.48	-0.43	1.49
3,229.0	9.10	127.50	3,203.7	-199.8	266.0	332.7	0.50	0.43	-1.70
3,322.0	9.80	127.80	3,295.5	-209.1	278.1	347.9	0.75	0.75	0.32
3,416.0	8.60	126.80	3,388.2	-218.2	290.1	363.0	1.29	-1.28	-1.06
3,510.0	10.10	127.70	3,481.0	-227.5	302.2	378.2	1.60	1.60	0.96
3,604.0	9.70	132.20	3,573.6	-237.9	314.6	394.3	0.93	-0.43	4.79
3,697.0	9.30	129.60	3,665.3	-247.9	326.2	409.6	0.63	-0.43	-2.80
3,791.0	9.90	131.30	3,758.0	-258.1	338.1	425.3	0.71	0.64	1.81
3,885.0	10.10	129.10	3,850.6	-268.6	350.6	441.5	0.46	0.21	-2.34
3,978.0	9.90	129.60	3,942.2	-278.9	363.1	457.7	0.23	-0.22	0.54
4,072.0	9.70	127.00	4,034.8	-288.8	375.6	473.7	0.52	-0.21	-2.77
4,166.0	8.90	120.10	4,127.6	-297.2	388.3	488.8	1.46	-0.85	-7.34
4,260.0	8.40	124.50	4,220.5	-304.7	400.2	502.9	0.88	-0.53	4.68
4,353.0	9.80	129.20	4,312.3	-313.6	411.9	517.6	1.70	1.51	5.05
4,447.0	10.20	127.00	4,404.9	-323.6	424.8	533.9	0.59	0.43	-2.34
4,541.0	9.70	127.50	4,497.5	-333.5	437.7	550.1	0.54	-0.53	0.53
4,634.0	9.10	123.10	4,589.2	-342.2	450.1	565.3	1.01	-0.65	-4.73
4,728.0	9.80	122.90	4,682.0	-350.7	463.0	580.7	0.75	0.74	-0.21
4,822.0	10.00	127.00	4,774.6	-359.9	476.3	596.9	0.78	0.21	4.36
4,915.0	9.30	127.30	4,866.2	-369.3	488.7	612.5	0.75	-0.75	0.32
5,009.0	8.40	127.00	4,959.1	-378.1	500.2	626.9	0.96	-0.96	-0.32
5,103.0	9.50	123.10	5,052.0	-386.4	512.2	641.5	1.34	1.17	-4.15
5,197.0	9.10	126.40	5,144.7	-395.1	524.7	656.7	0.71	-0.43	3.51
5,290.0	9.50	127.50	5,236.5	-404.1	536.7	671.7	0.47	0.43	1.18
5,384.0	9.30	125.40	5,329.3	-413.2	549.0	687.1	0.42	-0.21	-2.23
5,478.0	9.50	124.80	5,422.0	-422.1	561.6	702.4	0.24	0.21	-0.64
5,571.0	9.00	125.40	5,513.8	-430.7	573.8	717.4	0.55	-0.54	0.65
5,665.0	9.10	120.50	5,606.6	-438.7	586.2	732.1	0.83	0.11	-5.21
5,759.0	8.40	122.70	5,699.5	-446.2	598.4	746.4	0.83	-0.74	2.34
5,853.0	8.70	124.10	5,792.5	-453.9	610.1	760.4	0.39	0.32	1.49
5,946.0	9.10	121.20	5,884.4	-461.6	622.2	774.7	0.65	0.43	-3.12
6,040.0	8.90	120.80	5,977.2	-469.2	634.8	789.4	0.22	-0.21	-0.43

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 42-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5125.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5125.0ft (Original Well Elev)
Well:	SRC Coyle 42-34D	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)	
6,134.0	8.40	122.90	6,070.1	-476.6	646.8	803.5	0.63	-0.53	2.23	
6,228.0	7.80	127.50	6,163.2	-484.3	657.6	816.7	0.94	-0.64	4.89	
6,321.0	8.80	129.60	6,255.2	-492.6	668.1	830.1	1.12	1.08	2.26	
6,415.0	8.10	127.70	6,348.2	-501.3	678.9	843.9	0.80	-0.74	-2.02	
6,509.0	8.40	123.60	6,441.2	-509.1	689.9	857.4	0.70	0.32	-4.36	
6,602.0	8.90	124.70	6,533.2	-517.0	701.4	871.3	0.57	0.54	1.18	
6,696.0	8.50	127.00	6,626.1	-525.3	713.0	885.6	0.56	-0.43	2.45	
6,790.0	8.90	123.40	6,719.0	-533.5	724.6	899.8	0.72	0.43	-3.83	
6,884.0	10.40	121.20	6,811.7	-541.9	737.9	915.5	1.64	1.60	-2.34	
6,978.0	9.70	122.90	6,904.2	-550.6	751.8	931.9	0.81	-0.74	1.81	
7,071.0	9.70	119.20	6,995.9	-558.6	765.2	947.5	0.67	0.00	-3.98	
7,165.0	9.00	122.00	7,088.7	-566.4	778.4	962.7	0.89	-0.74	2.98	
7,218.7	8.03	121.95	7,141.7	-570.6	785.1	970.6	1.81	-1.81	-0.10	
LEGAL BOX 400' X 400' 1994'FNL & 657'FEL										
7,225.1	7.91	121.94	7,148.1	-571.1	785.9	971.5	1.81	-1.81	-0.11	
TARGET CIRCLE 1957'FNL & 582'FEL - NIOBRARA TARGET 1957'FNL & 582'FEL										
7,234.1	7.75	121.93	7,157.0	-571.7	786.9	972.7	1.81	-1.81	-0.11	
PERMIT TARGET BHL 1994'FNL, 531'FEL										
7,259.0	7.30	121.90	7,181.7	-573.5	789.7	975.9	1.81	-1.81	-0.12	
7,352.0	5.90	119.90	7,274.1	-579.0	798.9	986.6	1.53	-1.51	-2.15	
7,446.0	5.00	124.70	7,367.7	-583.7	806.4	995.5	1.07	-0.96	5.11	
7,540.0	4.70	123.40	7,461.3	-588.2	813.0	1,003.4	0.34	-0.32	-1.38	
7,634.0	3.40	123.80	7,555.1	-591.8	818.5	1,010.1	1.38	-1.38	0.43	
7,728.0	2.90	122.00	7,648.9	-594.6	822.9	1,015.2	0.54	-0.53	-1.91	
7,821.0	2.40	121.90	7,741.8	-596.9	826.5	1,019.5	0.54	-0.54	-0.11	
7,837.0	2.20	119.20	7,757.8	-597.2	827.1	1,020.1	1.42	-1.25	-16.88	
7,879.0	2.20	119.20	7,799.8	-598.0	828.5	1,021.7	0.00	0.00	0.00	

Checked By: _____	Approved By: _____	Date: _____
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