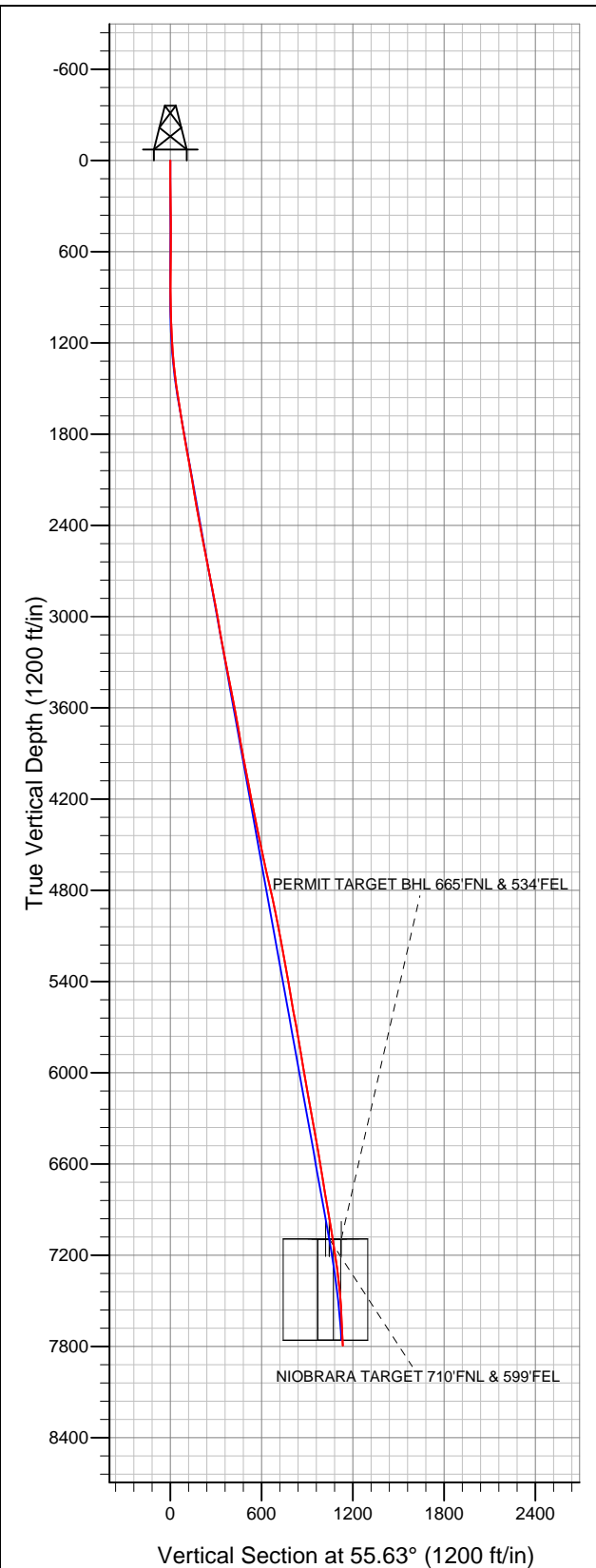


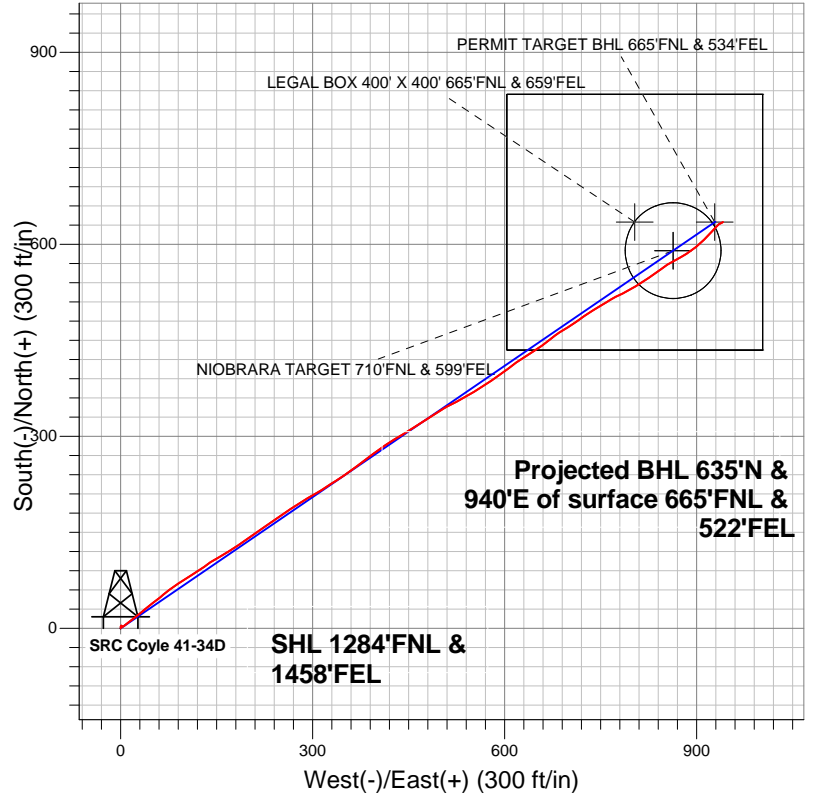
Well Name: SRC Coyle 41-34D

Surface Location: SRC Coyle 31-34D Pad Sec.34-T4N-R68W
North American Datum 1983 US State Plane 1983Colorado Northern Zone
Ground Elevation: 5110.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1342956.98	3143698.47	40.273671	-104.985003	
Original Well Elev		WELL @ 5122.0ft (Original Well Elev)				



Synergy Resources



LEGEND

- Wellbore #1
- SRC Coyle 41-34D, Wellbore #1, Plan #2 (7-20-12) R V0
- Survey #1

Final Survey Plot

Projected Final Survey -
7896'MD & 7796'TVD @ 1135'VS
2.20 deg Inc 64.00 deg AZ

Project: SEC.34-T4N-R68W
Site: SRC Coyle 31-34D Pad Sec.34-T4N-R68W
Well: SRC Coyle 41-34D
Plan: Wellbore #1



Synergy Resources

SEC.34-T4N-R68W

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

SRC Coyle 41-34D

Wellbore #1

Survey: Survey #1

Standard Survey Report

02 August, 2012

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 41-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5122.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5122.0ft (Original Well Elev)
Well:	SRC Coyle 41-34D	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 41-34D					
Well Position	+N/-S	0.0 ft	Northing:	1,342,956.98 ft	Latitude:	40.273671
	+E/-W	0.0 ft	Easting:	3,143,698.47 ft	Longitude:	-104.985003
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,110.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/20/2012	8.82	66.87	52,923

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	55.63	

Survey Program		Date	8/1/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
123.0	7,896.0	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	0.90	4.10	123.0	1.0	0.1	0.6	0.73	0.73	0.00
214.0	0.80	31.50	214.0	2.2	0.5	1.6	0.46	-0.11	30.11
307.0	1.10	5.30	307.0	3.7	0.9	2.8	0.56	0.32	-28.17
399.0	0.40	170.00	399.0	4.2	1.0	3.2	1.62	-0.76	179.02
491.0	0.40	96.70	491.0	3.9	1.4	3.3	0.52	0.00	-79.67
582.0	0.40	241.70	582.0	3.7	1.4	3.3	0.84	0.00	159.34
648.0	0.40	213.60	648.0	3.4	1.1	2.8	0.29	0.00	-42.58
690.0	0.40	213.60	690.0	3.1	0.9	2.5	0.00	0.00	0.00
793.0	0.60	256.70	793.0	2.7	0.2	1.7	0.40	0.19	41.84
887.0	1.00	110.80	887.0	2.3	0.5	1.7	1.63	0.43	-155.21
981.0	1.60	70.90	980.9	2.4	2.5	3.4	1.12	0.64	-42.45
1,074.0	1.90	53.80	1,073.9	3.8	5.0	6.2	0.64	0.32	-18.39

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 41-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5122.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5122.0ft (Original Well Elev)
Well:	SRC Coyle 41-34D	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)	
1,168.0	3.30	48.20	1,167.8	6.5	8.2	10.5	1.51	1.49	-5.96	
1,262.0	4.60	55.80	1,261.6	10.4	13.4	16.9	1.49	1.38	8.09	
1,355.0	5.80	51.90	1,354.2	15.4	20.2	25.4	1.34	1.29	-4.19	
1,449.0	6.70	50.10	1,447.6	21.9	28.1	35.5	0.98	0.96	-1.91	
1,543.0	8.60	51.50	1,540.8	29.8	37.8	48.0	2.03	2.02	1.49	
1,637.0	9.50	52.40	1,633.6	38.9	49.5	62.8	0.97	0.96	0.96	
1,730.0	9.70	51.00	1,725.3	48.5	61.6	78.2	0.33	0.22	-1.51	
1,824.0	9.50	50.00	1,818.0	58.5	73.7	93.9	0.28	-0.21	-1.06	
1,918.0	9.90	56.50	1,910.7	67.9	86.4	109.7	1.24	0.43	6.91	
2,011.0	10.60	60.20	2,002.2	76.6	100.5	126.2	1.03	0.75	3.98	
2,105.0	9.50	56.10	2,094.7	85.2	114.4	142.6	1.40	-1.17	-4.36	
2,199.0	9.40	52.40	2,187.4	94.2	127.0	158.0	0.65	-0.11	-3.94	
2,293.0	10.20	58.60	2,280.1	103.2	140.1	174.0	1.41	0.85	6.60	
2,386.0	10.30	60.00	2,371.6	111.7	154.4	190.5	0.29	0.11	1.51	
2,480.0	10.20	57.50	2,464.1	120.3	168.7	207.2	0.49	-0.11	-2.66	
2,573.0	11.80	56.60	2,555.4	130.0	183.6	224.9	1.73	1.72	-0.97	
2,667.0	11.60	55.90	2,647.4	140.6	199.4	244.0	0.26	-0.21	-0.74	
2,761.0	10.90	54.50	2,739.6	151.1	214.5	262.3	0.80	-0.74	-1.49	
2,855.0	10.60	54.00	2,832.0	161.3	228.7	279.8	0.33	-0.32	-0.53	
2,948.0	10.30	54.20	2,923.4	171.2	242.4	296.7	0.32	-0.32	0.22	
3,042.0	9.80	58.90	3,016.0	180.2	256.0	313.1	1.02	-0.53	5.00	
3,136.0	9.40	54.90	3,108.7	188.8	269.2	328.7	0.83	-0.43	-4.26	
3,230.0	11.20	58.80	3,201.2	197.9	283.3	345.5	2.05	1.91	4.15	
3,323.0	10.50	60.90	3,292.5	206.7	298.4	363.0	0.86	-0.75	2.26	
3,417.0	11.70	56.60	3,384.7	216.1	313.8	381.0	1.55	1.28	-4.57	
3,511.0	10.90	58.00	3,476.9	226.1	329.3	399.5	0.90	-0.85	1.49	
3,605.0	10.40	55.90	3,569.3	235.6	343.9	416.8	0.67	-0.53	-2.23	
3,698.0	10.60	54.40	3,660.7	245.2	357.8	433.8	0.36	0.22	-1.61	
3,792.0	9.40	51.90	3,753.3	255.0	370.9	450.1	1.36	-1.28	-2.66	
3,886.0	10.00	53.50	3,846.0	264.6	383.5	465.9	0.70	0.64	1.70	
3,979.0	11.00	54.40	3,937.4	274.6	397.2	482.8	1.09	1.08	0.97	
4,073.0	11.20	55.20	4,029.6	285.0	412.0	500.9	0.27	0.21	0.85	
4,167.0	10.30	58.20	4,122.0	294.6	426.6	518.4	1.13	-0.96	3.19	
4,260.0	11.40	59.30	4,213.3	303.7	441.6	535.9	1.20	1.18	1.18	
4,354.0	10.90	57.20	4,305.6	313.3	457.0	554.1	0.69	-0.53	-2.23	
4,448.0	11.80	57.30	4,397.7	323.3	472.6	572.6	0.96	0.96	0.11	
4,542.0	12.20	57.70	4,489.7	333.8	489.1	592.1	0.43	0.43	0.43	
4,635.0	11.10	58.20	4,580.7	343.8	505.0	610.9	1.19	-1.18	0.54	
4,729.0	13.10	64.90	4,672.7	353.0	522.3	630.4	2.60	2.13	7.13	
4,822.0	13.00	59.10	4,763.3	362.9	540.8	651.3	1.41	-0.11	-6.24	
4,916.0	12.30	57.50	4,855.0	373.7	558.4	671.8	0.83	-0.74	-1.70	
5,010.0	12.20	56.50	4,946.8	384.6	575.1	691.8	0.25	-0.11	-1.06	
5,104.0	10.70	55.90	5,039.0	394.9	590.6	710.4	1.60	-1.60	-0.64	
5,198.0	10.30	51.70	5,131.4	405.0	604.4	727.5	0.92	-0.43	-4.47	
5,291.0	10.60	54.50	5,222.9	415.1	617.9	744.4	0.63	0.32	3.01	
5,385.0	10.00	58.00	5,315.3	424.5	631.9	761.2	0.92	-0.64	3.72	
5,479.0	9.80	57.20	5,407.9	433.2	645.5	777.3	0.26	-0.21	-0.85	
5,572.0	9.50	53.50	5,499.6	442.0	658.3	792.9	0.74	-0.32	-3.98	
5,666.0	10.90	51.40	5,592.1	452.2	671.5	809.5	1.54	1.49	-2.23	
5,760.0	10.10	57.30	5,684.6	462.2	685.4	826.6	1.42	-0.85	6.28	
5,854.0	9.20	58.40	5,777.2	470.6	698.7	842.4	0.98	-0.96	1.17	
5,948.0	9.80	54.70	5,869.9	479.1	711.7	857.9	0.91	0.64	-3.94	
6,041.0	9.40	54.90	5,961.6	488.1	724.3	873.4	0.43	-0.43	0.22	
6,135.0	10.30	59.10	6,054.3	496.8	737.8	889.5	1.22	0.96	4.47	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Coyle 41-34D
Project:	SEC.34-T4N-R68W	TVD Reference:	WELL @ 5122.0ft (Original Well Elev)
Site:	SRC Coyle 31-34D Pad Sec.34-T4N-R68W	MD Reference:	WELL @ 5122.0ft (Original Well Elev)
Well:	SRC Coyle 41-34D	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)	
6,229.0	9.60	59.30	6,146.8	505.1	751.8	905.7	0.75	-0.74	0.21	
6,323.0	10.60	57.00	6,239.4	513.8	765.8	922.1	1.15	1.06	-2.45	
6,416.0	11.00	66.30	6,330.7	522.0	781.1	939.4	1.92	0.43	10.00	
6,510.0	9.20	60.20	6,423.3	529.4	795.8	955.7	2.22	-1.91	-6.49	
6,608.0	9.80	58.00	6,519.9	537.7	809.7	971.9	0.72	0.61	-2.24	
6,698.0	9.90	57.00	6,608.6	546.0	822.7	987.2	0.22	0.11	-1.11	
6,791.0	9.20	52.80	6,700.3	554.8	835.3	1,002.7	1.06	-0.75	-4.52	
6,885.0	9.40	54.40	6,793.1	563.8	847.5	1,017.8	0.35	0.21	1.70	
6,979.0	9.80	61.20	6,885.8	572.1	860.8	1,033.5	1.28	0.43	7.23	
7,073.0	9.80	60.90	6,978.4	579.9	874.8	1,049.4	0.05	0.00	-0.32	
7,166.0	8.90	56.60	7,070.2	587.7	887.7	1,064.5	1.22	-0.97	-4.62	
7,182.8	8.93	55.49	7,086.7	589.2	889.8	1,067.1	1.04	0.17	-6.60	
LEGAL BOX 400' X 400' 665'FNL & 659'FEL										
7,186.6	8.94	55.24	7,090.5	589.5	890.3	1,067.7	1.04	0.18	-6.58	
NIOBRARA TARGET 710'FNL & 599'FEL										
7,186.7	8.94	55.24	7,090.6	589.5	890.3	1,067.7	1.04	0.18	-6.57	
TARGET CIRCLE 710'FNL & 599'FEL										
7,199.0	8.96	54.43	7,102.8	590.6	891.9	1,069.6	1.04	0.19	-6.55	
PERMIT TARGET BHL 665'FNL & 534'FEL										
7,260.0	9.10	50.50	7,163.0	596.4	899.5	1,079.2	1.04	0.23	-6.44	
7,354.0	8.30	45.20	7,255.9	605.9	910.0	1,093.2	1.20	-0.85	-5.64	
7,447.0	6.30	43.10	7,348.2	614.4	918.3	1,104.8	2.17	-2.15	-2.26	
7,541.0	5.40	42.60	7,441.7	621.4	924.8	1,114.2	0.96	-0.96	-0.53	
7,635.0	4.20	42.60	7,535.4	627.2	930.1	1,121.8	1.28	-1.28	0.00	
7,729.0	2.90	54.40	7,629.2	631.1	934.4	1,127.6	1.58	-1.38	12.55	
7,854.0	2.20	64.00	7,754.0	634.0	939.1	1,133.1	0.65	-0.56	7.68	
7,896.0	2.20	64.00	7,796.0	634.7	940.6	1,134.7	0.00	0.00	0.00	

Checked By: _____ Approved By: _____ Date: _____