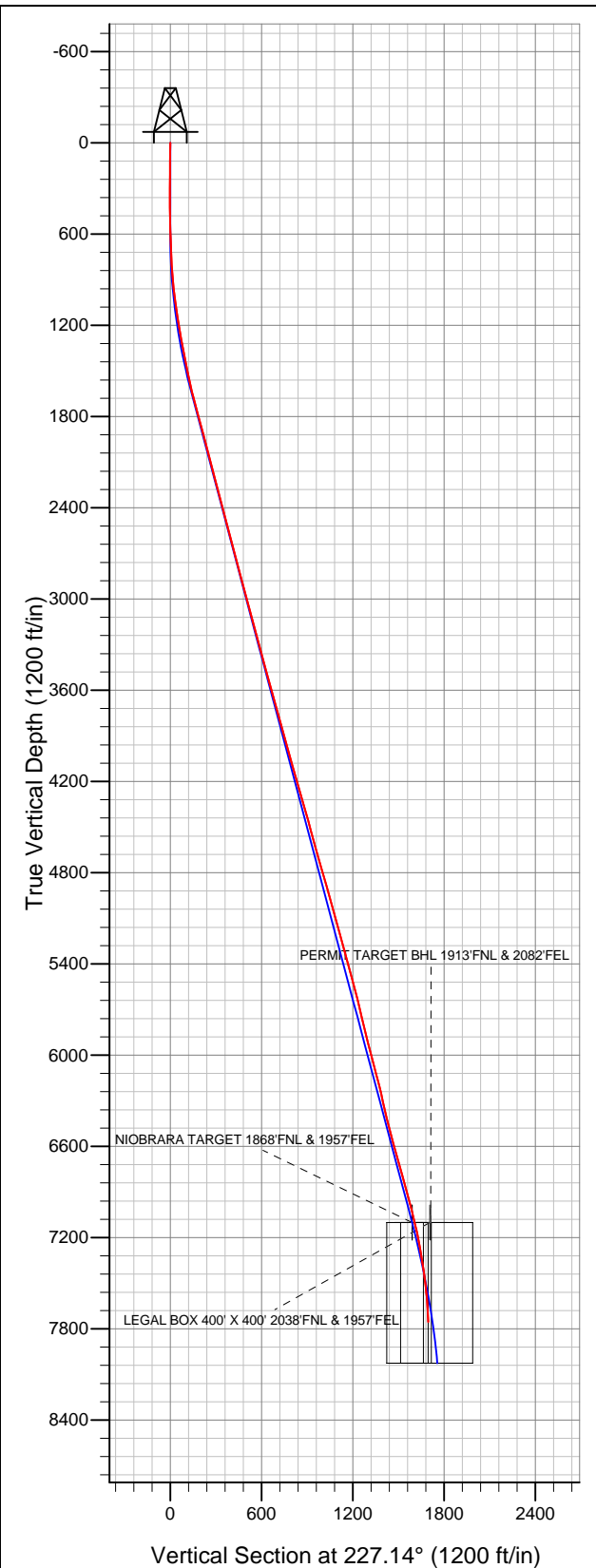


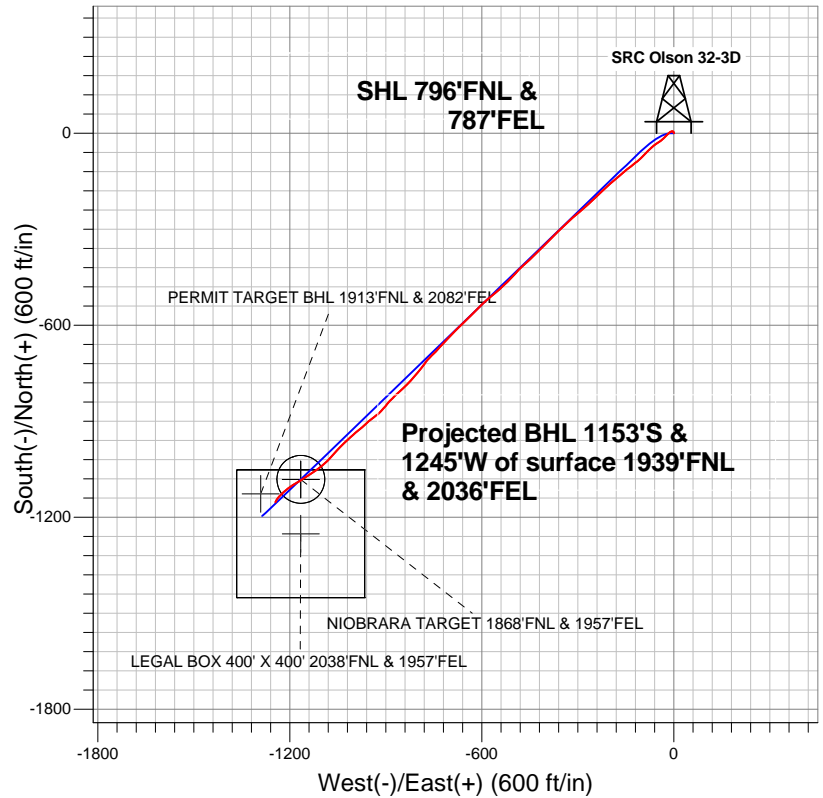
Well Name: SRC Olson 32-3D

Surface Location: SRC Olson 41-3 Pad Sec.3-T3N-R68W
 North American Datum 1983 US State Plane 1983Colorado Northern Zone
 Ground Elevation: 5042.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1338144.23	3144372.79	40.260449	-104.982687	
Original Well Elev		WELL @ 5055.0ft (Original Well Elev)				



Synergy Resources



LEGEND

- Wellbore #1
- SRC Olson 32-3D, Wellbore #1, Plan #2 (9-10-12) R V0
- Survey #1

Final Survey Plot

Projected Final Survey -
 7967'MD & 7754'TVD @ 1697'VS
 3.20 deg Inc 207.60 deg AZ

Project: SEC.3-T3N-R68W
 Site: SRC Olson 41-3 Pad Sec.3-T3N-R68W
 Well: SRC Olson 32-3D
 Plan: Wellbore #1



Synergy Resources

SEC.3-T3N-R68W

SRC Olson 41-3 Pad Sec.3-T3N-R68W

SRC Olson 32-3D

Wellbore #1

Survey: Survey #1

Standard Survey Report

18 September, 2012

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Olson 32-3D
Project:	SEC.3-T3N-R68W	TVD Reference:	WELL @ 5055.0ft (Original Well Elev)
Site:	SRC Olson 41-3 Pad Sec.3-T3N-R68W	MD Reference:	WELL @ 5055.0ft (Original Well Elev)
Well:	SRC Olson 32-3D	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.3-T3N-R68WW, Weld County, CO		
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 Olson 41-3 Pad Sec.3-T3N-R68W				
Site Position:		Northing:	1,338,180.83ft	Latitude:	40.260549
From:	Lat/Long	Easting:	3,144,398.81 ft	Longitude:	-104.982593
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.33 °

Well	SRC Olson 32-3D					
Well Position	+N/-S	0.0 ft	Northing:	1,338,144.23 ft	Latitude:	40.260449
	+E/-W	0.0 ft	Easting:	3,144,372.79 ft	Longitude:	-104.982687
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,042.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/10/2012	8.80	66.86	52,902

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	227.14	

Survey Program		Date	9/18/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
120.0	7,967.0	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)
Survey	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	120.0	0.60	7.80	120.0	0.6	0.1	-0.5	0.50	0.50	0.00
	207.0	0.40	38.50	207.0	1.3	0.3	-1.1	0.38	-0.23	35.29
	296.0	0.90	336.70	296.0	2.2	0.3	-1.7	0.89	0.56	-69.44
	424.0	1.80	314.50	424.0	4.5	-1.6	-1.9	0.80	0.70	-17.34
	552.0	1.80	269.20	551.9	5.9	-5.0	-0.3	1.08	0.00	-35.39
	679.0	2.40	244.60	678.8	4.7	-9.4	3.7	0.84	0.47	-19.37
	806.0	3.30	227.30	805.7	1.1	-14.5	9.9	0.97	0.71	-13.62
	933.0	6.00	225.70	932.2	-6.0	-21.9	20.2	2.13	2.13	-1.26
	982.0	7.00	225.00	980.9	-9.9	-25.9	25.7	2.05	2.04	-1.43
	1,032.0	7.00	225.00	1,030.5	-14.2	-30.2	31.8	0.00	0.00	0.00
	1,040.0	7.30	223.60	1,038.5	-14.9	-30.9	32.8	4.34	3.75	-17.50
	1,169.0	9.00	236.60	1,166.2	-26.4	-45.0	50.9	1.94	1.32	10.08

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Olson 32-3D
Project:	SEC.3-T3N-R68W	TVD Reference:	WELL @ 5055.0ft (Original Well Elev)
Site:	SRC Olson 41-3 Pad Sec.3-T3N-R68W	MD Reference:	WELL @ 5055.0ft (Original Well Elev)
Well:	SRC Olson 32-3D	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)	
1,297.0	10.40	233.00	1,292.3	-38.9	-62.6	72.3	1.19	1.09	-2.81	
1,425.0	11.20	224.20	1,418.1	-54.7	-80.5	96.2	1.43	0.63	-6.88	
1,554.0	12.00	222.90	1,544.5	-73.5	-98.3	122.1	0.65	0.62	-1.01	
1,682.0	14.50	233.50	1,669.1	-92.8	-120.3	151.3	2.72	1.95	8.28	
1,810.0	15.20	230.50	1,792.8	-113.0	-146.1	184.0	0.81	0.55	-2.34	
1,938.0	14.90	229.60	1,916.4	-134.4	-171.6	217.2	0.30	-0.23	-0.70	
2,066.0	14.90	228.70	2,040.1	-155.9	-196.5	250.1	0.18	0.00	-0.70	
2,195.0	14.30	227.00	2,164.9	-177.7	-220.6	282.6	0.57	-0.47	-1.32	
2,323.0	14.80	225.90	2,288.8	-199.9	-243.9	314.7	0.45	0.39	-0.86	
2,451.0	14.70	228.40	2,412.6	-222.0	-267.8	347.3	0.50	-0.08	1.95	
2,579.0	15.40	227.70	2,536.2	-244.3	-292.5	380.5	0.57	0.55	-0.55	
2,707.0	14.80	231.00	2,659.8	-266.0	-317.8	413.8	0.82	-0.47	2.58	
2,836.0	14.50	224.90	2,784.6	-287.8	-342.0	446.4	1.22	-0.23	-4.73	
2,964.0	15.00	226.40	2,908.4	-310.6	-365.3	479.0	0.49	0.39	1.17	
3,093.0	14.50	222.80	3,033.1	-333.9	-388.3	511.8	0.81	-0.39	-2.79	
3,220.0	14.70	225.90	3,156.0	-356.8	-410.7	543.8	0.64	0.16	2.44	
3,348.0	15.70	225.70	3,279.6	-380.2	-434.8	577.3	0.78	0.78	-0.16	
3,477.0	15.70	228.60	3,403.7	-403.9	-460.3	612.2	0.61	0.00	2.25	
3,605.0	14.70	224.00	3,527.3	-427.1	-484.6	645.7	1.22	-0.78	-3.59	
3,734.0	16.00	222.90	3,651.7	-451.9	-508.1	679.8	1.03	1.01	-0.85	
3,862.0	15.80	226.60	3,774.8	-476.8	-532.8	714.8	0.81	-0.16	2.89	
3,990.0	15.60	230.80	3,898.0	-499.6	-558.8	749.4	0.90	-0.16	3.28	
4,118.0	15.20	229.10	4,021.4	-521.5	-584.8	783.4	0.47	-0.31	-1.33	
4,247.0	15.70	223.80	4,145.8	-545.2	-609.7	817.7	1.16	0.39	-4.11	
4,375.0	15.70	225.40	4,269.0	-569.8	-634.0	852.3	0.34	0.00	1.25	
4,504.0	16.50	227.00	4,392.9	-594.6	-659.8	888.1	0.71	0.62	1.24	
4,632.0	15.00	223.50	4,516.1	-619.0	-684.5	922.8	1.39	-1.17	-2.73	
4,761.0	15.60	223.50	4,640.5	-643.7	-707.9	956.8	0.47	0.47	0.00	
4,889.0	16.30	222.40	4,763.6	-669.4	-731.9	991.8	0.60	0.55	-0.86	
5,017.0	16.20	226.30	4,886.5	-695.0	-756.9	1,027.6	0.86	-0.08	3.05	
5,146.0	15.10	214.70	5,010.7	-721.3	-779.5	1,062.0	2.57	-0.85	-8.99	
5,274.0	15.60	221.20	5,134.2	-747.9	-800.3	1,095.4	1.40	0.39	5.08	
5,402.0	15.40	221.00	5,257.5	-773.7	-822.8	1,129.4	0.16	-0.16	-0.16	
5,530.0	16.00	227.50	5,380.8	-798.5	-847.0	1,164.0	1.45	0.47	5.08	
5,659.0	14.40	227.90	5,505.2	-821.2	-872.0	1,197.8	1.24	-1.24	0.31	
5,787.0	14.90	219.60	5,629.1	-844.6	-894.3	1,230.0	1.68	0.39	-6.48	
5,916.0	12.60	222.60	5,754.4	-867.7	-914.4	1,260.5	1.87	-1.78	2.33	
6,044.0	14.20	234.70	5,878.9	-887.1	-936.6	1,290.0	2.52	1.25	9.45	
6,172.0	15.30	226.40	6,002.7	-907.8	-961.7	1,322.4	1.86	0.86	-6.48	
6,300.0	14.70	231.70	6,126.4	-929.5	-986.7	1,355.5	1.17	-0.47	4.14	
6,428.0	12.80	225.60	6,250.7	-949.5	-1,009.5	1,385.9	1.87	-1.48	-4.77	
6,557.0	13.00	227.90	6,376.4	-969.2	-1,030.5	1,414.7	0.43	0.16	1.78	
6,685.0	14.90	222.60	6,500.7	-991.0	-1,052.3	1,445.5	1.79	1.48	-4.14	
6,813.0	15.70	222.40	6,624.1	-1,015.9	-1,075.2	1,479.1	0.63	0.63	-0.16	
6,942.0	15.80	230.50	6,748.3	-1,040.0	-1,100.5	1,514.1	1.70	0.08	6.28	
7,070.0	14.90	238.40	6,871.8	-1,059.7	-1,128.0	1,547.6	1.78	-0.70	6.17	
7,198.0	15.00	235.60	6,995.4	-1,077.6	-1,155.6	1,580.1	0.57	0.08	-2.19	
7,301.9	14.27	238.54	7,095.9	-1,091.9	-1,177.6	1,606.0	1.00	-0.70	2.83	
NIORARA TARGET 1868'FNL & 1957'FEL										
7,302.0	14.27	238.54	7,096.0	-1,091.9	-1,177.7	1,606.0	0.00	0.00	0.00	
TARGET CIRCLE 1868'FNL & 1957'FEL										
7,323.6	14.12	239.20	7,117.0	-1,094.7	-1,182.2	1,611.2	1.01	-0.68	3.02	
LEGAL BOX 400' X 400' 2038'FNL & 1957'FEL										
7,327.0	14.10	239.30	7,120.3	-1,095.1	-1,182.9	1,612.0	1.00	-0.68	3.04	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Olson 32-3D
Project:	SEC.3-T3N-R68W	TVD Reference:	WELL @ 5055.0ft (Original Well Elev)
Site:	SRC Olson 41-3 Pad Sec.3-T3N-R68W	MD Reference:	WELL @ 5055.0ft (Original Well Elev)
Well:	SRC Olson 32-3D	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)
7,329.6	14.02	239.18	7,122.9	-1,095.4	-1,183.5	1,612.6	3.33	-3.13	-4.73
PERMIT TARGET BHL 1913'FNL & 2082'FEL									
7,455.0	10.20	231.00	7,245.4	-1,110.2	-1,205.1	1,638.6	3.33	-3.05	-6.52
7,583.0	8.90	230.00	7,371.6	-1,123.7	-1,221.5	1,659.8	1.02	-1.02	-0.78
7,712.0	7.00	220.60	7,499.4	-1,136.1	-1,234.3	1,677.5	1.78	-1.47	-7.29
7,840.0	4.00	206.80	7,626.8	-1,146.0	-1,241.4	1,689.5	2.55	-2.34	-10.78
7,925.0	3.20	207.60	7,711.6	-1,150.7	-1,243.8	1,694.5	0.94	-0.94	0.94
7,967.0	3.20	207.60	7,753.6	-1,152.8	-1,244.9	1,696.7	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____