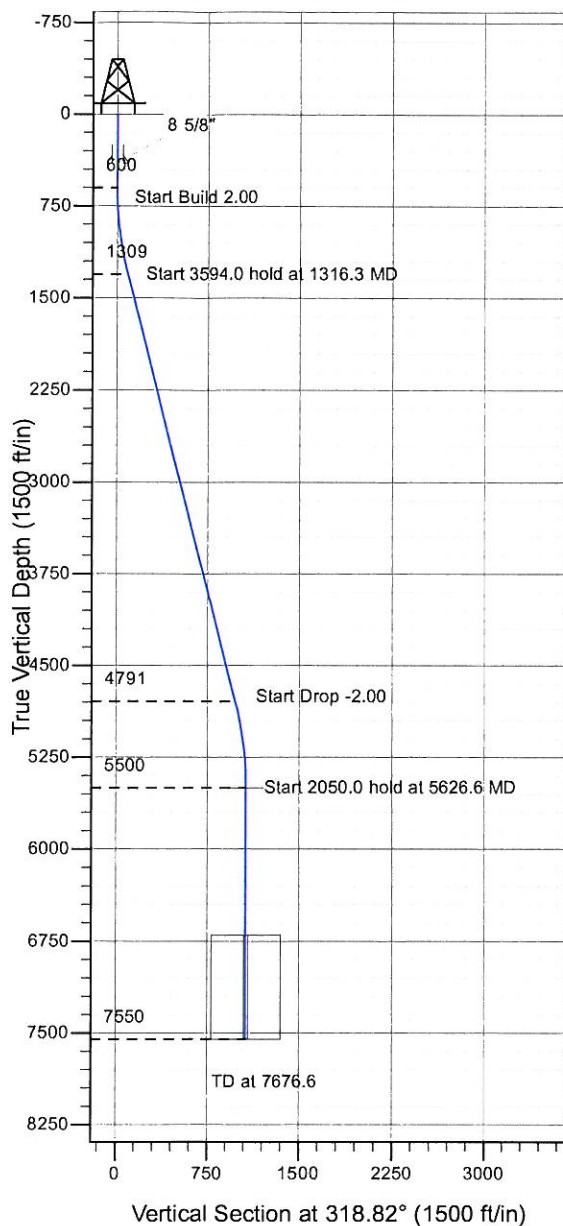
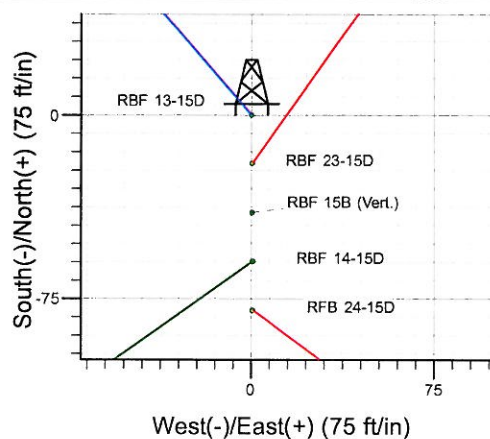
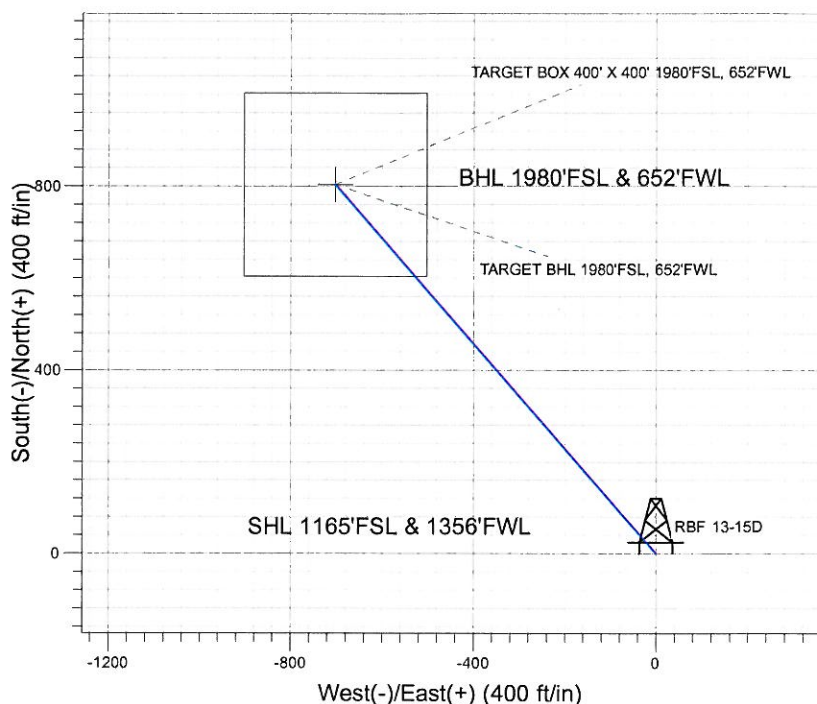


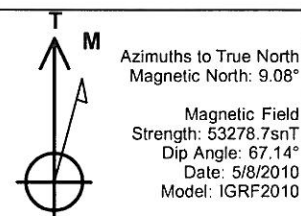
ENSIGN**Directional****Well Name: RBF 13-15D**

Surface Location: RBF 24-15D Pad Sec.15-T6N-R67W
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
 Ground Elevation: 4781.0

+N/-S+E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1419334.98 3171308.24 40° 28' 58.235 N 104° 53' 2.958 W
 Original Well Elev WELL @ 4794.0ft (Original Well Elev)

**Synergy Resources**

RBF 24-15D Pad Sec.15-T6N-R67W
 RBF 13-15D
 Plan #1 (5-8-10)
 16:38, May 12 2010

**WELLBORE TARGET DETAILS (LAT/LONG)**

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 1980'FSL, 652'FWL	5500.0	803.4	-702.9	40° 29' 6.174 N	104° 53' 12.054 W	Point
TARGET BOX 400' X 400' 1980'FSL, 652'FWL	6700.0	803.4	-702.9	40° 29' 6.173 N	104° 53' 12.055 W	Rectangle (Sides: L400.0 W400.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1316.3	14.33	318.82	1308.9	67.1	-58.7	2.00	318.82	89.1	
4	4910.3	14.33	318.82	4791.1	736.4	-644.2	0.00	0.00	978.4	
5	5626.6	0.00	0.00	5500.0	803.4	-702.9	2.00	180.00	1067.5	TARGET BHL 1980'FSL, 652'FWL
6	7676.6	0.00	0.00	7550.0	803.4	-702.9	0.00	0.00	1067.5	



Directional

Synergy Resources

SEC.15-T6N-R67W

RBF 24-15D Pad Sec.15-T6N-R67W

RBF 13-15D

Wellbore #1

Plan: Plan #1 (5-8-10)

Standard Planning Report

12 May, 2010

Database: EDM den0-adp01 Server Data
Company: Synergy Resources
Project: SEC.15-T6N-R67W
Site: RBF 24-15D Pad Sec.15-T6N-R67W
Well: RBF 13-15D
Wellbore: Wellbore #1
Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
TVD Reference: WELL @ 4794.0ft (Original Well Elev)
MD Reference: WELL @ 4794.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project SEC.15-T6N-R67W, Weld County, Colorado

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Colorado Northern Zone

System Datum: Mean Sea Level
 Using geodetic scale factor

Site RBF 24-15D Pad Sec.15-T6N-R67W

Site Position: Northing: 1,419,255.21 ft Latitude: 40° 28' 57.446 N
From: Lat/Long Easting: 3,171,309.35 ft Longitude: 104° 53' 2.951 W
Position Uncertainty: 0.0 ft Slot Radius: " Grid Convergence: 0.40 °

Well RBF 13-15D

Well Position +N/-S 79.8 ft Northing: 1,419,334.98 ft Latitude: 40° 28' 58.235 N
 +E/-W -0.6 ft Easting: 3,171,308.24 ft Longitude: 104° 53' 2.958 W
Position Uncertainty 0.0 ft Wellhead Elevation: ft Ground Level: 4,781.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/8/2010	9.09	67.14	53,279

Design Plan #1 (5-8-10)

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	318.82

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,316.3	14.33	318.82	1,308.9	67.1	-58.7	2.00	2.00	0.00	318.82	
4,910.3	14.33	318.82	4,791.1	736.4	-644.2	0.00	0.00	0.00	0.00	
5,626.6	0.00	0.00	5,500.0	803.4	-702.9	2.00	-2.00	0.00	180.00	TARGET BHL 198C
7,676.6	0.00	0.00	7,550.0	803.4	-702.9	0.00	0.00	0.00	0.00	

Database: EDM den0-adp01 Server Data
Company: Synergy Resources
Project: SEC.15-T6N-R67W
Site: RBF 24-15D Pad Sec.15-T6N-R67W
Well: RBF 13-15D
Wellbore: Wellbore #1
Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
TVD Reference: WELL @ 4794.0ft (Original Well Elev)
MD Reference: WELL @ 4794.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned 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
40.0	0.00	0.00	40.0	0.0	0.0	0.0	0.00	0.00	0.00
80.0	0.00	0.00	80.0	0.0	0.0	0.0	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	0.00
160.0	0.00	0.00	160.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
240.0	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	0.00
280.0	0.00	0.00	280.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
440.0	0.00	0.00	440.0	0.0	0.0	0.0	0.00	0.00	0.00
480.0	0.00	0.00	480.0	0.0	0.0	0.0	0.00	0.00	0.00
520.0	0.00	0.00	520.0	0.0	0.0	0.0	0.00	0.00	0.00
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
640.0	0.80	318.82	640.0	0.2	-0.2	0.3	2.00	2.00	0.00
680.0	1.60	318.82	680.0	0.8	-0.7	1.1	2.00	2.00	0.00
720.0	2.40	318.82	720.0	1.9	-1.7	2.5	2.00	2.00	0.00
760.0	3.20	318.82	759.9	3.4	-2.9	4.5	2.00	2.00	0.00
800.0	4.00	318.82	799.8	5.3	-4.6	7.0	2.00	2.00	0.00
840.0	4.80	318.82	839.7	7.6	-6.6	10.0	2.00	2.00	0.00
880.0	5.60	318.82	879.6	10.3	-9.0	13.7	2.00	2.00	0.00
920.0	6.40	318.82	919.3	13.4	-11.8	17.9	2.00	2.00	0.00
960.0	7.20	318.82	959.1	17.0	-14.9	22.6	2.00	2.00	0.00
1,000.0	8.00	318.82	998.7	21.0	-18.4	27.9	2.00	2.00	0.00
1,040.0	8.80	318.82	1,038.3	25.4	-22.2	33.7	2.00	2.00	0.00
1,080.0	9.60	318.82	1,077.8	30.2	-26.4	40.1	2.00	2.00	0.00
1,120.0	10.40	318.82	1,117.1	35.4	-31.0	47.1	2.00	2.00	0.00
1,160.0	11.20	318.82	1,156.4	41.1	-35.9	54.6	2.00	2.00	0.00
1,200.0	12.00	318.82	1,195.6	47.1	-41.2	62.6	2.00	2.00	0.00
1,240.0	12.80	318.82	1,234.7	53.6	-46.9	71.2	2.00	2.00	0.00
1,280.0	13.60	318.82	1,273.6	60.5	-52.9	80.3	2.00	2.00	0.00
1,316.3	14.33	318.82	1,308.9	67.1	-58.7	89.1	2.00	2.00	0.00
1,320.0	14.33	318.82	1,312.4	67.7	-59.3	90.0	0.00	0.00	0.00
1,360.0	14.33	318.82	1,351.2	75.2	-65.8	99.9	0.00	0.00	0.00
1,400.0	14.33	318.82	1,390.0	82.6	-72.3	109.8	0.00	0.00	0.00
1,440.0	14.33	318.82	1,428.7	90.1	-78.8	119.7	0.00	0.00	0.00
1,480.0	14.33	318.82	1,467.5	97.5	-85.3	129.6	0.00	0.00	0.00
1,520.0	14.33	318.82	1,506.2	105.0	-91.8	139.5	0.00	0.00	0.00
1,560.0	14.33	318.82	1,545.0	112.4	-98.4	149.4	0.00	0.00	0.00
1,600.0	14.33	318.82	1,583.7	119.9	-104.9	159.3	0.00	0.00	0.00
1,640.0	14.33	318.82	1,622.5	127.3	-111.4	169.2	0.00	0.00	0.00
1,680.0	14.33	318.82	1,661.2	134.8	-117.9	179.1	0.00	0.00	0.00
1,720.0	14.33	318.82	1,700.0	142.2	-124.4	189.0	0.00	0.00	0.00
1,760.0	14.33	318.82	1,738.8	149.7	-130.9	198.9	0.00	0.00	0.00
1,800.0	14.33	318.82	1,777.5	157.1	-137.5	208.8	0.00	0.00	0.00
1,840.0	14.33	318.82	1,816.3	164.6	-144.0	218.7	0.00	0.00	0.00
1,880.0	14.33	318.82	1,855.0	172.0	-150.5	228.6	0.00	0.00	0.00
1,920.0	14.33	318.82	1,893.8	179.5	-157.0	238.5	0.00	0.00	0.00
1,960.0	14.33	318.82	1,932.5	186.9	-163.5	248.4	0.00	0.00	0.00
2,000.0	14.33	318.82	1,971.3	194.4	-170.0	258.3	0.00	0.00	0.00
2,040.0	14.33	318.82	2,010.1	201.8	-176.6	268.2	0.00	0.00	0.00

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well RBF 13-15D
Company:	Synergy Resources	TVD Reference:	WELL @ 4794.0ft (Original Well Elev)
Project:	SEC.15-T6N-R67W	MD Reference:	WELL @ 4794.0ft (Original Well Elev)
Site:	RBF 24-15D Pad Sec.15-T6N-R67W	North Reference:	True
Well:	RBF 13-15D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-8-10)		

Planned 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)
2,080.0	14.33	318.82	2,048.8	209.3	-183.1	278.1	0.00	0.00	0.00
2,120.0	14.33	318.82	2,087.6	216.7	-189.6	288.0	0.00	0.00	0.00
2,160.0	14.33	318.82	2,126.3	224.2	-196.1	297.8	0.00	0.00	0.00
2,200.0	14.33	318.82	2,165.1	231.6	-202.6	307.7	0.00	0.00	0.00
2,240.0	14.33	318.82	2,203.8	239.1	-209.1	317.6	0.00	0.00	0.00
2,280.0	14.33	318.82	2,242.6	246.5	-215.7	327.5	0.00	0.00	0.00
2,320.0	14.33	318.82	2,281.3	254.0	-222.2	337.4	0.00	0.00	0.00
2,360.0	14.33	318.82	2,320.1	261.4	-228.7	347.3	0.00	0.00	0.00
2,400.0	14.33	318.82	2,358.9	268.9	-235.2	357.2	0.00	0.00	0.00
2,440.0	14.33	318.82	2,397.6	276.3	-241.7	367.1	0.00	0.00	0.00
2,480.0	14.33	318.82	2,436.4	283.8	-248.2	377.0	0.00	0.00	0.00
2,520.0	14.33	318.82	2,475.1	291.2	-254.8	386.9	0.00	0.00	0.00
2,560.0	14.33	318.82	2,513.9	298.7	-261.3	396.8	0.00	0.00	0.00
2,600.0	14.33	318.82	2,552.6	306.1	-267.8	406.7	0.00	0.00	0.00
2,640.0	14.33	318.82	2,591.4	313.6	-274.3	416.6	0.00	0.00	0.00
2,680.0	14.33	318.82	2,630.2	321.0	-280.8	426.5	0.00	0.00	0.00
2,720.0	14.33	318.82	2,668.9	328.5	-287.3	436.4	0.00	0.00	0.00
2,760.0	14.33	318.82	2,707.7	335.9	-293.9	446.3	0.00	0.00	0.00
2,800.0	14.33	318.82	2,746.4	343.4	-300.4	456.2	0.00	0.00	0.00
2,840.0	14.33	318.82	2,785.2	350.8	-306.9	466.1	0.00	0.00	0.00
2,880.0	14.33	318.82	2,823.9	358.3	-313.4	476.0	0.00	0.00	0.00
2,920.0	14.33	318.82	2,862.7	365.7	-319.9	485.9	0.00	0.00	0.00
2,960.0	14.33	318.82	2,901.4	373.2	-326.4	495.8	0.00	0.00	0.00
3,000.0	14.33	318.82	2,940.2	380.6	-333.0	505.7	0.00	0.00	0.00
3,040.0	14.33	318.82	2,979.0	388.1	-339.5	515.6	0.00	0.00	0.00
3,080.0	14.33	318.82	3,017.7	395.5	-346.0	525.5	0.00	0.00	0.00
3,120.0	14.33	318.82	3,056.5	403.0	-352.5	535.4	0.00	0.00	0.00
3,160.0	14.33	318.82	3,095.2	410.4	-359.0	545.3	0.00	0.00	0.00
3,200.0	14.33	318.82	3,134.0	417.9	-365.6	555.2	0.00	0.00	0.00
3,240.0	14.33	318.82	3,172.7	425.3	-372.1	565.1	0.00	0.00	0.00
3,280.0	14.33	318.82	3,211.5	432.8	-378.6	575.0	0.00	0.00	0.00
3,320.0	14.33	318.82	3,250.3	440.2	-385.1	584.9	0.00	0.00	0.00
3,360.0	14.33	318.82	3,289.0	447.7	-391.6	594.8	0.00	0.00	0.00
3,400.0	14.33	318.82	3,327.8	455.1	-398.1	604.7	0.00	0.00	0.00
3,440.0	14.33	318.82	3,366.5	462.6	-404.7	614.6	0.00	0.00	0.00
3,480.0	14.33	318.82	3,405.3	470.0	-411.2	624.5	0.00	0.00	0.00
3,520.0	14.33	318.82	3,444.0	477.5	-417.7	634.4	0.00	0.00	0.00
3,560.0	14.33	318.82	3,482.8	484.9	-424.2	644.3	0.00	0.00	0.00
3,600.0	14.33	318.82	3,521.5	492.4	-430.7	654.2	0.00	0.00	0.00
3,640.0	14.33	318.82	3,560.3	499.8	-437.2	664.1	0.00	0.00	0.00
3,680.0	14.33	318.82	3,599.1	507.3	-443.8	674.0	0.00	0.00	0.00
3,720.0	14.33	318.82	3,637.8	514.7	-450.3	683.9	0.00	0.00	0.00
3,760.0	14.33	318.82	3,676.6	522.2	-456.8	693.8	0.00	0.00	0.00
3,800.0	14.33	318.82	3,715.3	529.6	-463.3	703.7	0.00	0.00	0.00
3,840.0	14.33	318.82	3,754.1	537.0	-469.8	713.5	0.00	0.00	0.00
3,880.0	14.33	318.82	3,792.8	544.5	-476.3	723.4	0.00	0.00	0.00
3,920.0	14.33	318.82	3,831.6	551.9	-482.9	733.3	0.00	0.00	0.00
3,960.0	14.33	318.82	3,870.3	559.4	-489.4	743.2	0.00	0.00	0.00
4,000.0	14.33	318.82	3,909.1	566.8	-495.9	753.1	0.00	0.00	0.00
4,040.0	14.33	318.82	3,947.9	574.3	-502.4	763.0	0.00	0.00	0.00
4,080.0	14.33	318.82	3,986.6	581.7	-508.9	772.9	0.00	0.00	0.00
4,120.0	14.33	318.82	4,025.4	589.2	-515.4	782.8	0.00	0.00	0.00
4,160.0	14.33	318.82	4,064.1	596.6	-522.0	792.7	0.00	0.00	0.00
4,200.0	14.33	318.82	4,102.9	604.1	-528.5	802.6	0.00	0.00	0.00

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well RBF 13-15D
Company:	Synergy Resources	TVD Reference:	WELL @ 4794.0ft (Original Well Elev)
Project:	SEC.15-T6N-R67W	MD Reference:	WELL @ 4794.0ft (Original Well Elev)
Site:	RBF 24-15D Pad Sec.15-T6N-R67W	North Reference:	True
Well:	RBF 13-15D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-8-10)		

Planned 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)
4,240.0	14.33	318.82	4,141.6	611.5	-535.0	812.5	0.00	0.00	0.00
4,280.0	14.33	318.82	4,180.4	619.0	-541.5	822.4	0.00	0.00	0.00
4,320.0	14.33	318.82	4,219.2	626.4	-548.0	832.3	0.00	0.00	0.00
4,360.0	14.33	318.82	4,257.9	633.9	-554.5	842.2	0.00	0.00	0.00
4,400.0	14.33	318.82	4,296.7	641.3	-561.1	852.1	0.00	0.00	0.00
4,440.0	14.33	318.82	4,335.4	648.8	-567.6	862.0	0.00	0.00	0.00
4,480.0	14.33	318.82	4,374.2	656.2	-574.1	871.9	0.00	0.00	0.00
4,520.0	14.33	318.82	4,412.9	663.7	-580.6	881.8	0.00	0.00	0.00
4,560.0	14.33	318.82	4,451.7	671.1	-587.1	891.7	0.00	0.00	0.00
4,600.0	14.33	318.82	4,490.4	678.6	-593.6	901.6	0.00	0.00	0.00
4,640.0	14.33	318.82	4,529.2	686.0	-600.2	911.5	0.00	0.00	0.00
4,680.0	14.33	318.82	4,568.0	693.5	-606.7	921.4	0.00	0.00	0.00
4,720.0	14.33	318.82	4,606.7	700.9	-613.2	931.3	0.00	0.00	0.00
4,760.0	14.33	318.82	4,645.5	708.4	-619.7	941.2	0.00	0.00	0.00
4,800.0	14.33	318.82	4,684.2	715.8	-626.2	951.1	0.00	0.00	0.00
4,840.0	14.33	318.82	4,723.0	723.3	-632.7	961.0	0.00	0.00	0.00
4,880.0	14.33	318.82	4,761.7	730.7	-639.3	970.9	0.00	0.00	0.00
4,910.3	14.33	318.82	4,791.1	736.4	-644.2	978.4	0.00	0.00	0.00
4,920.0	14.13	318.82	4,800.5	738.2	-645.8	980.8	2.00	-2.00	0.00
4,960.0	13.33	318.82	4,839.4	745.3	-652.0	990.3	2.00	-2.00	0.00
5,000.0	12.53	318.82	4,878.3	752.1	-657.9	999.2	2.00	-2.00	0.00
5,040.0	11.73	318.82	4,917.4	758.4	-663.4	1,007.6	2.00	-2.00	0.00
5,080.0	10.93	318.82	4,956.7	764.3	-668.6	1,015.5	2.00	-2.00	0.00
5,120.0	10.13	318.82	4,996.0	769.8	-673.4	1,022.8	2.00	-2.00	0.00
5,160.0	9.33	318.82	5,035.4	774.9	-677.9	1,029.6	2.00	-2.00	0.00
5,200.0	8.53	318.82	5,074.9	779.6	-682.0	1,035.8	2.00	-2.00	0.00
5,240.0	7.73	318.82	5,114.5	783.8	-685.7	1,041.4	2.00	-2.00	0.00
5,280.0	6.93	318.82	5,154.2	787.7	-689.1	1,046.5	2.00	-2.00	0.00
5,320.0	6.13	318.82	5,193.9	791.1	-692.1	1,051.1	2.00	-2.00	0.00
5,360.0	5.33	318.82	5,233.7	794.1	-694.7	1,055.1	2.00	-2.00	0.00
5,400.0	4.53	318.82	5,273.6	796.7	-697.0	1,058.5	2.00	-2.00	0.00
5,440.0	3.73	318.82	5,313.5	798.9	-698.9	1,061.4	2.00	-2.00	0.00
5,480.0	2.93	318.82	5,353.4	800.6	-700.4	1,063.7	2.00	-2.00	0.00
5,520.0	2.13	318.82	5,393.4	801.9	-701.6	1,065.5	2.00	-2.00	0.00
5,560.0	1.33	318.82	5,433.4	802.8	-702.3	1,066.7	2.00	-2.00	0.00
5,600.0	0.53	318.82	5,473.4	803.3	-702.8	1,067.4	2.00	-2.00	0.00
5,626.6	0.00	0.00	5,500.0	803.4	-702.9	1,067.5	2.00	-2.00	0.00
TARGET BHL 1980'FSL, 652'FWL									
5,640.0	0.00	0.00	5,513.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,680.0	0.00	0.00	5,553.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,720.0	0.00	0.00	5,593.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,760.0	0.00	0.00	5,633.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,800.0	0.00	0.00	5,673.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,840.0	0.00	0.00	5,713.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,880.0	0.00	0.00	5,753.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,920.0	0.00	0.00	5,793.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
5,960.0	0.00	0.00	5,833.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,873.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,040.0	0.00	0.00	5,913.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,080.0	0.00	0.00	5,953.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,120.0	0.00	0.00	5,993.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,160.0	0.00	0.00	6,033.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,200.0	0.00	0.00	6,073.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,240.0	0.00	0.00	6,113.4	803.4	-702.9	1,067.5	0.00	0.00	0.00

Database: EDM den0-adp01 Server Data
 Company: Synergy Resources
 Project: SEC.15-T6N-R67W
 Site: RBF 24-15D Pad Sec.15-T6N-R67W
 Well: RBF 13-15D
 Wellbore: Wellbore #1
 Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
 TVD Reference: WELL @ 4794.0ft (Original Well Elev)
 MD Reference: WELL @ 4794.0ft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned 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)
6,280.0	0.00	0.00	6,153.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,320.0	0.00	0.00	6,193.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,360.0	0.00	0.00	6,233.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,273.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,440.0	0.00	0.00	6,313.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,480.0	0.00	0.00	6,353.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,520.0	0.00	0.00	6,393.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,560.0	0.00	0.00	6,433.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,473.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,640.0	0.00	0.00	6,513.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,680.0	0.00	0.00	6,553.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,720.0	0.00	0.00	6,593.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,760.0	0.00	0.00	6,633.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,673.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,826.6	0.00	0.00	6,700.0	803.4	-702.9	1,067.5	0.00	0.00	0.00
TARGET BOX 400' X 400' 1980'FSL, 652'FWL									
6,840.0	0.00	0.00	6,713.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,880.0	0.00	0.00	6,753.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,920.0	0.00	0.00	6,793.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
6,960.0	0.00	0.00	6,833.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,873.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,040.0	0.00	0.00	6,913.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,080.0	0.00	0.00	6,953.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,120.0	0.00	0.00	6,993.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,160.0	0.00	0.00	7,033.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,073.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,240.0	0.00	0.00	7,113.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,280.0	0.00	0.00	7,153.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,320.0	0.00	0.00	7,193.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,360.0	0.00	0.00	7,233.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,273.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,440.0	0.00	0.00	7,313.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,480.0	0.00	0.00	7,353.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,520.0	0.00	0.00	7,393.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,560.0	0.00	0.00	7,433.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,473.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,640.0	0.00	0.00	7,513.4	803.4	-702.9	1,067.5	0.00	0.00	0.00
7,676.6	0.00	0.00	7,550.0	803.4	-702.9	1,067.5	0.00	0.00	0.00

Targets
Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
TARGET BOX 400' X	0.00	0.00	6,700.0	803.4	-702.9	1,420,133.45	3,170,599.80	40° 29' 6.173 N	104° 53' 12.055 W
- plan misses target center by 0.1ft at 6826.6ft MD (6700.0 TVD, 803.4 N, -702.9 E)									
- Rectangle (sides W400.0 H400.0 D850.0)									
TARGET BHL 1980'F	0.00	0.00	5,500.0	803.4	-702.9	1,420,133.49	3,170,599.84	40° 29' 6.174 N	104° 53' 12.054 W
- plan hits target center									
- Point									

Database:	EDM den0-adp01 Server Data	Local Co-ordinate Reference:	Well RBF 13-15D
Company:	Synergy Resources	TVD Reference:	WELL @ 4794.0ft (Original Well Elev)
Project:	SEC.15-T6N-R67W	MD Reference:	WELL @ 4794.0ft (Original Well Elev)
Site:	RBF 24-15D Pad Sec.15-T6N-R67W	North Reference:	True
Well:	RBF 13-15D	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (5-8-10)		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
400.0	400.0	8 5/8"	8-5/8	12-1/4



Directional

Synergy Resources

SEC.15-T6N-R67W

RBF 24-15D Pad Sec.15-T6N-R67W

RBF 13-15D

Wellbore #1

Plan #1 (5-8-10)

Anticollision Report

12 May, 2010

Company:	Synergy Resources	Local Co-ordinate Reference:	Well RBF 13-15D
Project:	SEC.15-T6N-R67W	TVD Reference:	WELL @ 4794.0ft (Original Well Elev)
Reference Site:	RBF 24-15D Pad Sec.15-T6N-R67W	MD Reference:	WELL @ 4794.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	RBF 13-15D	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	EDM den0-adp01 Server Data
Reference Design:	Plan #1 (5-8-10)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (5-8-10)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 2,000.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 5/12/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	7,676.6	Plan #1 (5-8-10) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
RBF 24-15D Pad Sec.15-T6N-R67W						
RBF 23-15D - Wellbore #1 - Plan #1 (5-8-10)	600.0	600.0	19.7	17.2	8.053 CC, ES	
RBF 23-15D - Wellbore #1 - Plan #1 (5-8-10)	700.0	700.0	21.0	18.1	7.276 SF	

Offset Design RBF 24-15D Pad Sec.15-T6N-R67W - RBF 23-15D - Wellbore #1 - Plan #1 (5-8-10)												
Survey Program: 0-MWD												
Reference	Offset	Semi Major Axis		Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor
0.0	0.0	0.0	0.0	0.0	0.0	179.19	-19.7	0.3	19.7			
100.0	100.0	100.0	100.0	0.1	0.1	179.19	-19.7	0.3	19.7	19.5	0.20	100.616
200.0	200.0	200.0	200.0	0.3	0.3	179.19	-19.7	0.3	19.7	19.0	0.65	30.500
300.0	300.0	300.0	300.0	0.5	0.5	179.19	-19.7	0.3	19.7	18.6	1.09	17.975
400.0	400.0	400.0	400.0	0.8	0.8	179.19	-19.7	0.3	19.7	18.1	1.54	12.742
500.0	500.0	500.0	500.0	1.0	1.0	179.19	-19.7	0.3	19.7	17.7	1.99	9.869
600.0	600.0	600.0	600.0	1.2	1.2	179.19	-19.7	0.3	19.7	17.2	2.44	8.053 CC, ES
700.0	700.0	700.0	700.0	1.4	1.4	-142.69	-19.7	0.3	21.0	18.1	2.89	7.276 SF
800.0	799.8	799.8	799.8	1.7	1.7	-149.82	-19.7	0.3	25.4	22.1	3.34	7.606
900.0	899.5	900.1	900.1	1.9	1.9	-159.90	-18.2	1.3	32.2	28.5	3.78	8.519
1,000.0	998.7	999.9	999.8	2.2	2.1	-171.73	-14.0	4.3	41.7	37.5	4.22	9.877
1,100.0	1,097.5	1,099.1	1,098.5	2.5	2.3	177.43	-7.0	9.3	55.0	50.3	4.67	11.782
1,200.0	1,195.6	1,197.3	1,196.0	2.8	2.6	168.64	2.7	16.3	72.6	67.5	5.14	14.137
1,300.0	1,293.1	1,294.3	1,291.8	3.2	2.9	161.84	15.0	25.0	94.7	89.1	5.65	16.762
1,400.0	1,390.0	1,390.1	1,385.9	3.6	3.2	156.54	29.6	35.4	120.1	113.9	6.24	19.249
1,500.0	1,486.8	1,484.9	1,478.4	4.1	3.5	151.89	46.7	47.6	147.0	140.1	6.90	21.296
1,600.0	1,583.7	1,579.5	1,570.0	4.6	3.9	147.79	65.8	61.3	175.3	167.6	7.62	22.995
1,700.0	1,680.6	1,674.7	1,662.1	5.0	4.3	144.70	85.4	75.3	204.3	195.9	8.38	24.393
1,800.0	1,777.5	1,769.9	1,754.2	5.5	4.7	142.38	105.0	89.2	233.8	224.6	9.15	25.553
1,900.0	1,874.4	1,865.0	1,846.3	6.0	5.2	140.57	124.6	103.2	263.5	253.6	9.94	26.521
2,000.0	1,971.3	1,960.2	1,938.4	6.5	5.6	139.14	144.2	117.2	293.4	282.7	10.73	27.339
2,100.0	2,068.2	2,055.4	2,030.5	7.0	6.1	137.96	163.8	131.2	323.5	312.0	11.54	28.034
2,200.0	2,165.1	2,150.6	2,122.6	7.5	6.5	136.99	183.4	145.1	353.7	341.3	12.35	28.631
2,300.0	2,262.0	2,245.8	2,214.6	8.1	7.0	136.17	203.0	159.1	383.9	370.7	13.17	29.148
2,400.0	2,358.9	2,341.0	2,306.7	8.6	7.5	135.46	222.6	173.1	414.2	400.2	13.99	29.600

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Company: Synergy Resources
Project: SEC.15-T6N-R67W
Reference Site: RBF 24-15D Pad Sec.15-T6N-R67W
Site Error: 0.0ft
Reference Well: RBF 13-15D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
TVD Reference: WELL @ 4794.0ft (Original Well Elev)
MD Reference: WELL @ 4794.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: EDM den0-adp01 Server Data
Offset TVD Reference: Offset Datum

Offset Design RBF 24-15D Pad Sec.15-T6N-R67W - RBF 23-15D - Wellbore #1 - Plan #1 (5-8-10)														Offset Site Error:	0.0 ft
Survey Program: 0-MWD														Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)							
2,500.0	2,455.8	2,436.1	2,398.8	9.1	8.0	134.86	242.2	187.1	444.6	429.8	14.82	29.997			
2,600.0	2,552.6	2,531.3	2,490.9	9.6	8.4	134.33	261.8	201.1	475.0	459.3	15.65	30.348			
2,700.0	2,649.5	2,626.5	2,583.0	10.1	8.9	133.86	281.4	215.0	505.4	488.9	16.48	30.661			
2,800.0	2,746.4	2,721.7	2,675.1	10.6	9.4	133.45	300.9	229.0	535.9	518.6	17.32	30.941			
2,900.0	2,843.3	2,816.9	2,767.2	11.1	9.9	133.08	320.5	243.0	566.3	548.2	18.16	31.194			
3,000.0	2,940.2	2,912.1	2,859.3	11.7	10.4	132.75	340.1	257.0	596.8	577.9	18.99	31.422			
3,100.0	3,037.1	3,007.2	2,951.4	12.2	10.9	132.45	359.7	271.0	627.4	607.5	19.83	31.630			
3,200.0	3,134.0	3,102.4	3,043.4	12.7	11.4	132.18	379.3	284.9	657.9	637.2	20.68	31.819			
3,300.0	3,230.9	3,197.6	3,135.5	13.2	11.9	131.94	398.9	298.9	688.4	666.9	21.52	31.992			
3,400.0	3,327.8	3,292.8	3,227.6	13.7	12.3	131.71	418.5	312.9	719.0	696.6	22.36	32.151			
3,500.0	3,424.7	3,388.0	3,319.7	14.3	12.8	131.50	438.1	326.9	749.5	726.3	23.21	32.298			
3,600.0	3,521.5	3,483.1	3,411.8	14.8	13.3	131.31	457.7	340.9	780.1	756.1	24.05	32.434			
3,700.0	3,618.4	3,578.3	3,503.9	15.3	13.8	131.14	477.3	354.8	810.7	785.8	24.90	32.559			
3,800.0	3,715.3	3,673.5	3,596.0	15.8	14.3	130.97	496.9	368.8	841.3	815.5	25.75	32.676			
3,900.0	3,812.2	3,768.7	3,688.1	16.3	14.8	130.82	516.5	382.8	871.9	845.3	26.59	32.785			
4,000.0	3,909.1	3,863.9	3,780.1	16.9	15.3	130.68	536.1	396.8	902.4	875.0	27.44	32.887			
4,100.0	4,006.0	3,959.1	3,872.2	17.4	15.8	130.54	555.7	410.7	933.0	904.8	28.29	32.982			
4,200.0	4,102.9	4,054.2	3,964.3	17.9	16.3	130.42	575.3	424.7	963.6	934.5	29.14	33.071			
4,300.0	4,199.8	4,149.4	4,056.4	18.4	16.8	130.30	594.8	438.7	994.3	964.3	29.99	33.155			
4,400.0	4,296.7	4,244.6	4,148.5	18.9	17.3	130.19	614.4	452.7	1,024.9	994.0	30.84	33.233			
4,500.0	4,393.6	4,339.8	4,240.6	19.5	17.8	130.09	634.0	466.7	1,055.5	1,023.8	31.69	33.308			
4,600.0	4,490.4	4,435.0	4,332.7	20.0	18.3	129.99	653.6	480.6	1,086.1	1,053.6	32.54	33.378			
4,700.0	4,587.3	4,530.2	4,424.8	20.5	18.8	129.90	673.2	494.6	1,116.7	1,083.3	33.39	33.444			
4,800.0	4,684.2	4,625.3	4,516.9	21.0	19.3	129.81	692.8	508.6	1,147.3	1,113.1	34.24	33.507			
4,900.0	4,781.1	4,720.5	4,608.9	21.6	19.8	129.73	712.4	522.6	1,178.0	1,142.9	35.09	33.566			
5,000.0	4,878.3	4,815.9	4,701.3	22.0	20.2	130.03	732.1	536.6	1,207.7	1,171.7	35.98	33.566			
5,100.0	4,976.3	4,918.3	4,800.4	22.4	20.8	130.20	753.0	551.6	1,235.3	1,198.5	36.80	33.567			
5,200.0	5,074.9	5,048.5	4,927.3	22.7	21.2	130.23	776.6	568.4	1,259.0	1,221.5	37.58	33.507			
5,300.0	5,174.1	5,181.1	5,057.8	22.9	21.7	130.26	795.7	582.0	1,277.9	1,239.7	38.26	33.404			
5,400.0	5,273.6	5,315.8	5,191.2	23.1	22.0	130.28	810.1	592.3	1,291.9	1,253.1	38.83	33.270			
5,500.0	5,373.4	5,451.8	5,326.8	23.3	22.3	130.29	819.4	598.9	1,300.9	1,261.6	39.29	33.106			
5,600.0	5,473.4	5,588.6	5,463.5	23.4	22.5	130.29	823.5	601.8	1,304.8	1,265.1	39.65	32.910			
5,700.0	5,573.4	5,698.5	5,573.4	23.5	22.6	89.11	823.7	601.9	1,305.0	1,265.1	39.90	32.707			
5,800.0	5,673.4	5,798.5	5,673.4	23.6	22.7	89.11	823.7	601.9	1,305.0	1,264.8	40.15	32.499			
5,900.0	5,773.4	5,898.5	5,773.4	23.8	22.8	89.11	823.7	601.9	1,305.0	1,264.5	40.41	32.290			
6,000.0	5,873.4	5,998.5	5,873.4	23.9	23.0	89.11	823.7	601.9	1,305.0	1,264.3	40.68	32.082			
6,100.0	5,973.4	6,098.5	5,973.4	24.0	23.1	89.11	823.7	601.9	1,305.0	1,264.0	40.94	31.873			
6,200.0	6,073.4	6,198.5	6,073.4	24.1	23.2	89.11	823.7	601.9	1,305.0	1,263.8	41.21	31.665			
6,300.0	6,173.4	6,298.5	6,173.4	24.2	23.3	89.11	823.7	601.9	1,305.0	1,263.5	41.48	31.457			
6,400.0	6,273.4	6,398.5	6,273.4	24.4	23.4	89.11	823.7	601.9	1,305.0	1,263.2	41.76	31.250			
6,500.0	6,373.4	6,498.5	6,373.4	24.5	23.6	89.11	823.7	601.9	1,305.0	1,262.9	42.04	31.043			
6,600.0	6,473.4	6,598.5	6,473.4	24.6	23.7	89.11	823.7	601.9	1,305.0	1,262.6	42.32	30.837			
6,700.0	6,573.4	6,698.5	6,573.4	24.7	23.8	89.11	823.7	601.9	1,305.0	1,262.4	42.60	30.631			
6,800.0	6,673.4	6,798.5	6,673.4	24.9	24.0	89.11	823.7	601.9	1,305.0	1,262.1	42.89	30.426			
6,900.0	6,773.4	6,898.5	6,773.4	25.0	24.1	89.11	823.7	601.9	1,305.0	1,261.8	43.18	30.222			
7,000.0	6,873.4	6,998.5	6,873.4	25.1	24.2	89.11	823.7	601.9	1,305.0	1,261.5	43.47	30.018			
7,100.0	6,973.4	7,098.5	6,973.4	25.2	24.4	89.11	823.7	601.9	1,305.0	1,261.2	43.77	29.816			
7,200.0	7,073.4	7,198.5	7,073.4	25.4	24.5	89.11	823.7	601.9	1,305.0	1,260.9	44.07	29.614			
7,300.0	7,173.4	7,298.5	7,173.4	25.5	24.6	89.11	823.7	601.9	1,305.0	1,260.6	44.37	29.414			
7,400.0	7,273.4	7,398.5	7,273.4	25.6	24.8	89.11	823.7	601.9	1,305.0	1,260.3	44.67	29.214			
7,500.0	7,373.4	7,498.5	7,373.4	25.8	24.9	89.11	823.7	601.9	1,305.0	1,260.0	44.97	29.016			
7,600.0	7,473.4	7,598.5	7,473.4	25.9	25.1	89.11	823.7	601.9	1,305.0	1,259.7	45.28	28.819			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Company: Synergy Resources
Project: SEC.15-T6N-R67W
Reference Site: RBF 24-15D Pad Sec.15-T6N-R67W
Site Error: 0.0ft
Reference Well: RBF 13-15D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
TVD Reference: WELL @ 4794.0ft (Original Well Elev)
MD Reference: WELL @ 4794.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: EDM den0-adp01 Server Data
Offset TVD Reference: Offset Datum

Offset Design RBF 24-15D Pad Sec.15-T6N-R67W - RBF 23-15D - Wellbore #1 - Plan #1 (5-8-10)														Offset Site Error: 0.0 ft
Survey Program: 0-MWD														Offset Well Error: 0.0 ft
Reference	Offset	Semi Major Axis		Distance		Warning								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
7,676.6	7,550.0	7,675.1	7,550.0	26.0	25.2	89.11	823.7	601.9	1,305.0	1,259.4	45.52	28.669		

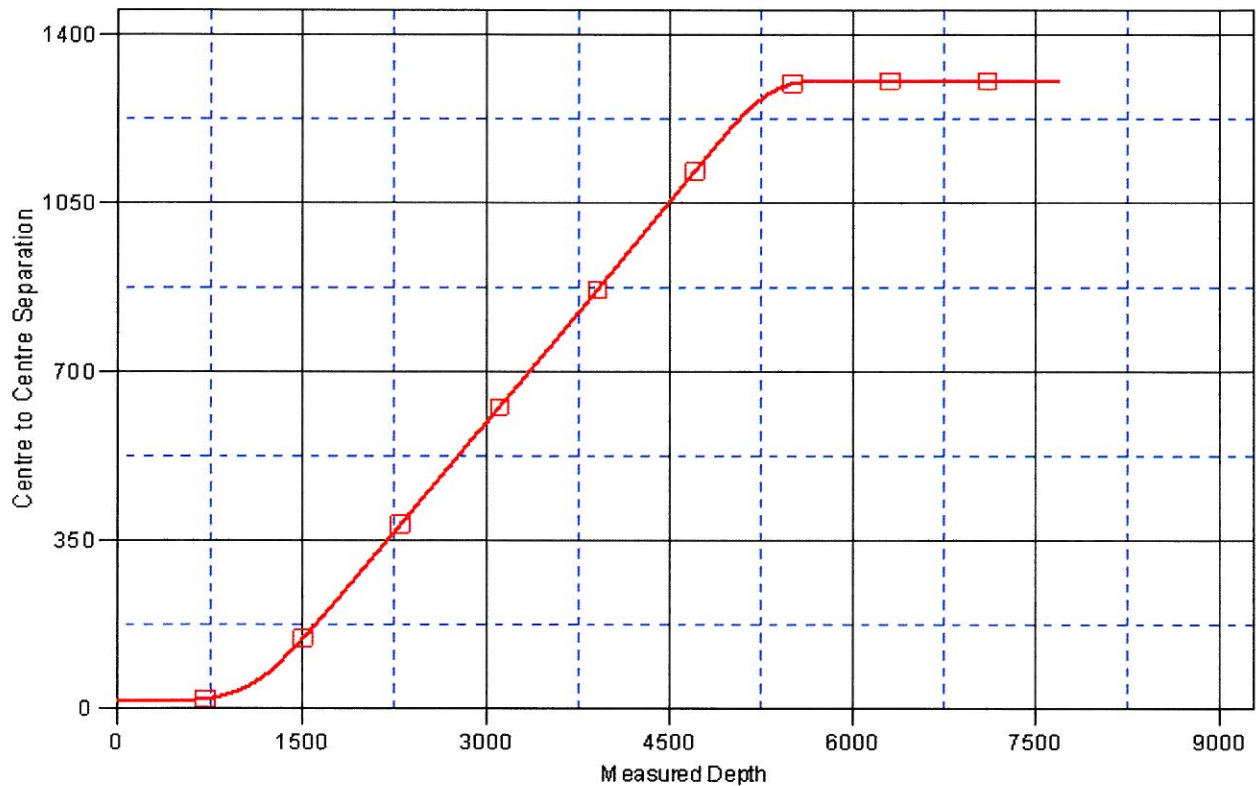
2x

Company: Synergy Resources
Project: SEC.15-T6N-R67W
Reference Site: RBF 24-15D Pad Sec.15-T6N-R67W
Site Error: 0.0ft
Reference Well: RBF 13-15D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
TVD Reference: WELL @ 4794.0ft (Original Well Elev)
MD Reference: WELL @ 4794.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at: 2.00 sigma
Database: EDM den0-adp01 Server Data
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 4794.0ft (Original Well Elev) Coordinates are relative to: RBF 13-15D
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W °
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.40°

Ladder Plot



LEGEND

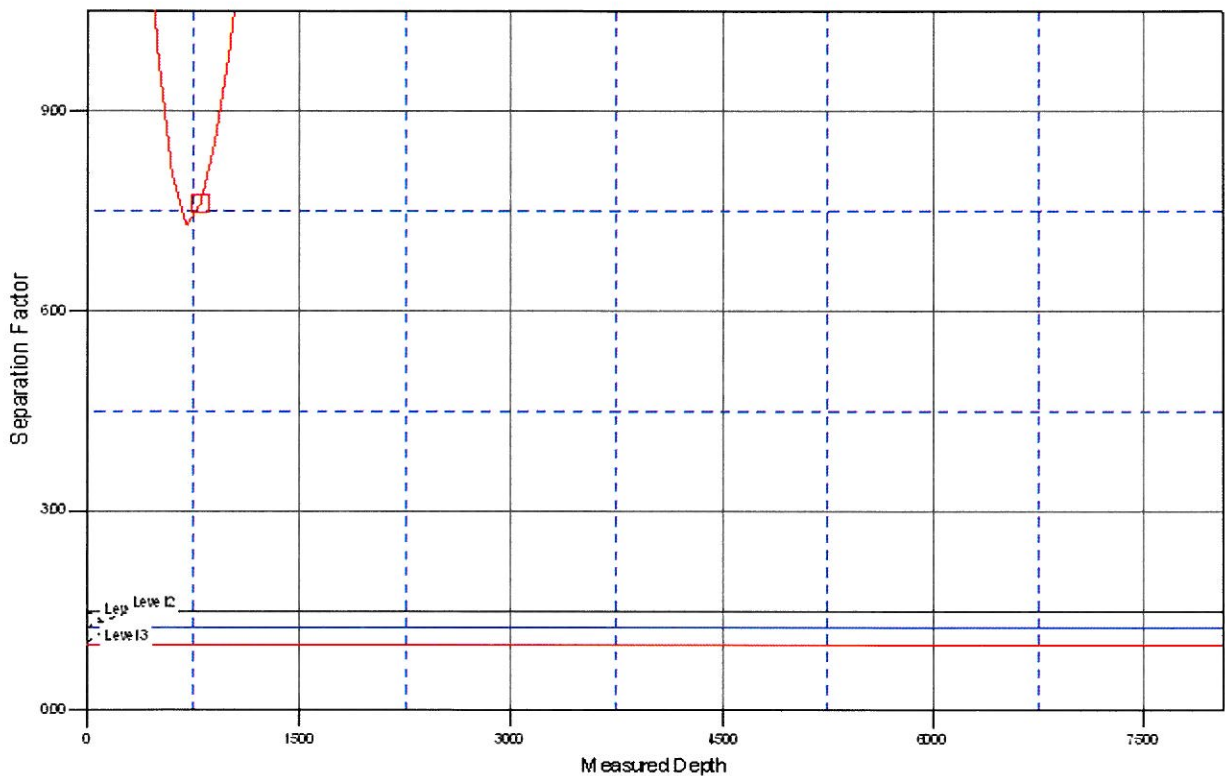
■ RBF 23-15D, Wellbore #1, Plan #1 (5-8-10) VD

Company: Synergy Resources
Project: SEC.15-T6N-R67W
Reference Site: RBF 24-15D Pad Sec.15-T6N-R67W
Site Error: 0.0ft
Reference Well: RBF 13-15D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (5-8-10)

Local Co-ordinate Reference: Well RBF 13-15D
TVD Reference: WELL @ 4794.0ft (Original Well Elev)
MD Reference: WELL @ 4794.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: EDM den0-adp01 Server Data
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 4794.0ft (Original Well Elev) Coordinates are relative to: RBF 13-15D
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W °
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.40°

Separation Factor Plot



LEGEND

RBF 23-15D, Wellbore #1, Plan #1 (5-8-10) V0