

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	900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.0	
3	1691.3	7.91	204.85	1688.8	-49.5	-22.9	1.00	204.85	54.6	
4	7608.9	7.91	204.85	7550.0	-788.7	-365.2	0.00	0.00	869.2	TARGET BHL 663'FSL, 663'FWL



Directional

Synergy Resources

SEC.26-T7N-R66W

SRC Leffler 13-26D Pad Sec.26-T7N-R66W

SRC Leffler 14-26D

Wellbore #1

Plan: Plan #1 (6-28-11)

Standard Planning Report

30 June, 2011

Database: Landmark
Company: Synergy Resources
Project: SEC.26-T7N-R66W
Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Well: SRC Leffler 14-26D
Wellbore: Wellbore #1
Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	SEC.26-T7N-R66W, 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 Leffler 13-26D Pad Sec.26-T7N-R66W				
Site Position:		Northing:	1,441,456.48 ft	Latitude:	40.542782
From:	Lat/Long	Easting:	3,208,286.93 ft	Longitude:	-104.750552
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.48 °

Well	SRC Leffler 14-26D					
Well Position	+N/-S	0.4 ft	Northing:	1,441,457.01 ft	Latitude:	40.542783
	+E/-W	20.0 ft	Easting:	3,208,306.94 ft	Longitude:	-104.750480
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,871.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/28/2011	8.87	67.17	53,204

Design	Plan #1 (6-28-11)			
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	204.85

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	
900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,691.3	7.91	204.85	1,688.8	-49.5	-22.9	1.00	1.00	0.00	204.85	
7,608.9	7.91	204.85	7,550.0	-788.7	-365.2	0.00	0.00	0.00	0.00	TARGET BHL 663'I

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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	0.00	0.00	640.0	0.0	0.0	0.0	0.00	0.00	0.00
680.0	0.00	0.00	680.0	0.0	0.0	0.0	0.00	0.00	0.00
720.0	0.00	0.00	720.0	0.0	0.0	0.0	0.00	0.00	0.00
760.0	0.00	0.00	760.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
840.0	0.00	0.00	840.0	0.0	0.0	0.0	0.00	0.00	0.00
880.0	0.00	0.00	880.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
920.0	0.20	204.85	920.0	0.0	0.0	0.0	1.00	1.00	0.00
960.0	0.60	204.85	960.0	-0.3	-0.1	0.3	1.00	1.00	0.00
1,000.0	1.00	204.85	1,000.0	-0.8	-0.4	0.9	1.00	1.00	0.00
1,040.0	1.40	204.85	1,040.0	-1.6	-0.7	1.7	1.00	1.00	0.00
1,080.0	1.80	204.85	1,080.0	-2.6	-1.2	2.8	1.00	1.00	0.00
1,120.0	2.20	204.85	1,119.9	-3.8	-1.8	4.2	1.00	1.00	0.00
1,160.0	2.60	204.85	1,159.9	-5.4	-2.5	5.9	1.00	1.00	0.00
1,200.0	3.00	204.85	1,199.9	-7.1	-3.3	7.9	1.00	1.00	0.00
1,240.0	3.40	204.85	1,239.8	-9.2	-4.2	10.1	1.00	1.00	0.00
1,280.0	3.80	204.85	1,279.7	-11.4	-5.3	12.6	1.00	1.00	0.00
1,320.0	4.20	204.85	1,319.6	-14.0	-6.5	15.4	1.00	1.00	0.00
1,360.0	4.60	204.85	1,359.5	-16.7	-7.8	18.5	1.00	1.00	0.00
1,400.0	5.00	204.85	1,399.4	-19.8	-9.2	21.8	1.00	1.00	0.00
1,440.0	5.40	204.85	1,439.2	-23.1	-10.7	25.4	1.00	1.00	0.00
1,480.0	5.80	204.85	1,479.0	-26.6	-12.3	29.3	1.00	1.00	0.00
1,520.0	6.20	204.85	1,518.8	-30.4	-14.1	33.5	1.00	1.00	0.00
1,560.0	6.60	204.85	1,558.5	-34.5	-16.0	38.0	1.00	1.00	0.00
1,600.0	7.00	204.85	1,598.3	-38.8	-17.9	42.7	1.00	1.00	0.00
1,640.0	7.40	204.85	1,637.9	-43.3	-20.1	47.7	1.00	1.00	0.00
1,680.0	7.80	204.85	1,677.6	-48.1	-22.3	53.0	1.00	1.00	0.00
1,691.3	7.91	204.85	1,688.8	-49.5	-22.9	54.6	1.00	1.00	0.00
1,720.0	7.91	204.85	1,717.2	-53.1	-24.6	58.5	0.00	0.00	0.00
1,760.0	7.91	204.85	1,756.8	-58.1	-26.9	64.0	0.00	0.00	0.00
1,800.0	7.91	204.85	1,796.5	-63.1	-29.2	69.5	0.00	0.00	0.00
1,840.0	7.91	204.85	1,836.1	-68.1	-31.5	75.0	0.00	0.00	0.00
1,880.0	7.91	204.85	1,875.7	-73.1	-33.8	80.5	0.00	0.00	0.00
1,920.0	7.91	204.85	1,915.3	-78.1	-36.2	86.0	0.00	0.00	0.00
1,960.0	7.91	204.85	1,954.9	-83.1	-38.5	91.5	0.00	0.00	0.00
2,000.0	7.91	204.85	1,994.5	-88.1	-40.8	97.1	0.00	0.00	0.00

Database: Landmark
Company: Synergy Resources
Project: SEC.26-T7N-R66W
Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Well: SRC Leffler 14-26D
Wellbore: Wellbore #1
Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (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)
2,040.0	7.91	204.85	2,034.2	-93.1	-43.1	102.6	0.00	0.00	0.00
2,080.0	7.91	204.85	2,073.8	-98.1	-45.4	108.1	0.00	0.00	0.00
2,120.0	7.91	204.85	2,113.4	-103.1	-47.7	113.6	0.00	0.00	0.00
2,160.0	7.91	204.85	2,153.0	-108.1	-50.0	119.1	0.00	0.00	0.00
2,200.0	7.91	204.85	2,192.6	-113.1	-52.3	124.6	0.00	0.00	0.00
2,240.0	7.91	204.85	2,232.3	-118.1	-54.7	130.1	0.00	0.00	0.00
2,280.0	7.91	204.85	2,271.9	-123.0	-57.0	135.6	0.00	0.00	0.00
2,320.0	7.91	204.85	2,311.5	-128.0	-59.3	141.1	0.00	0.00	0.00
2,360.0	7.91	204.85	2,351.1	-133.0	-61.6	146.6	0.00	0.00	0.00
2,400.0	7.91	204.85	2,390.7	-138.0	-63.9	152.1	0.00	0.00	0.00
2,440.0	7.91	204.85	2,430.4	-143.0	-66.2	157.6	0.00	0.00	0.00
2,480.0	7.91	204.85	2,470.0	-148.0	-68.5	163.1	0.00	0.00	0.00
2,520.0	7.91	204.85	2,509.6	-153.0	-70.9	168.6	0.00	0.00	0.00
2,560.0	7.91	204.85	2,549.2	-158.0	-73.2	174.1	0.00	0.00	0.00
2,600.0	7.91	204.85	2,588.8	-163.0	-75.5	179.7	0.00	0.00	0.00
2,640.0	7.91	204.85	2,628.5	-168.0	-77.8	185.2	0.00	0.00	0.00
2,680.0	7.91	204.85	2,668.1	-173.0	-80.1	190.7	0.00	0.00	0.00
2,720.0	7.91	204.85	2,707.7	-178.0	-82.4	196.2	0.00	0.00	0.00
2,760.0	7.91	204.85	2,747.3	-183.0	-84.7	201.7	0.00	0.00	0.00
2,800.0	7.91	204.85	2,786.9	-188.0	-87.1	207.2	0.00	0.00	0.00
2,840.0	7.91	204.85	2,826.6	-193.0	-89.4	212.7	0.00	0.00	0.00
2,880.0	7.91	204.85	2,866.2	-198.0	-91.7	218.2	0.00	0.00	0.00
2,920.0	7.91	204.85	2,905.8	-203.0	-94.0	223.7	0.00	0.00	0.00
2,960.0	7.91	204.85	2,945.4	-208.0	-96.3	229.2	0.00	0.00	0.00
3,000.0	7.91	204.85	2,985.0	-213.0	-98.6	234.7	0.00	0.00	0.00
3,040.0	7.91	204.85	3,024.6	-218.0	-100.9	240.2	0.00	0.00	0.00
3,080.0	7.91	204.85	3,064.3	-223.0	-103.3	245.7	0.00	0.00	0.00
3,120.0	7.91	204.85	3,103.9	-228.0	-105.6	251.2	0.00	0.00	0.00
3,160.0	7.91	204.85	3,143.5	-233.0	-107.9	256.7	0.00	0.00	0.00
3,200.0	7.91	204.85	3,183.1	-238.0	-110.2	262.2	0.00	0.00	0.00
3,240.0	7.91	204.85	3,222.7	-243.0	-112.5	267.8	0.00	0.00	0.00
3,280.0	7.91	204.85	3,262.4	-248.0	-114.8	273.3	0.00	0.00	0.00
3,320.0	7.91	204.85	3,302.0	-253.0	-117.1	278.8	0.00	0.00	0.00
3,360.0	7.91	204.85	3,341.6	-258.0	-119.4	284.3	0.00	0.00	0.00
3,400.0	7.91	204.85	3,381.2	-263.0	-121.8	289.8	0.00	0.00	0.00
3,440.0	7.91	204.85	3,420.8	-268.0	-124.1	295.3	0.00	0.00	0.00
3,480.0	7.91	204.85	3,460.5	-273.0	-126.4	300.8	0.00	0.00	0.00
3,520.0	7.91	204.85	3,500.1	-278.0	-128.7	306.3	0.00	0.00	0.00
3,560.0	7.91	204.85	3,539.7	-282.9	-131.0	311.8	0.00	0.00	0.00
3,600.0	7.91	204.85	3,579.3	-287.9	-133.3	317.3	0.00	0.00	0.00
3,640.0	7.91	204.85	3,618.9	-292.9	-135.6	322.8	0.00	0.00	0.00
3,680.0	7.91	204.85	3,658.6	-297.9	-138.0	328.3	0.00	0.00	0.00
3,720.0	7.91	204.85	3,698.2	-302.9	-140.3	333.8	0.00	0.00	0.00
3,760.0	7.91	204.85	3,737.8	-307.9	-142.6	339.3	0.00	0.00	0.00
3,800.0	7.91	204.85	3,777.4	-312.9	-144.9	344.8	0.00	0.00	0.00
3,840.0	7.91	204.85	3,817.0	-317.9	-147.2	350.4	0.00	0.00	0.00
3,880.0	7.91	204.85	3,856.6	-322.9	-149.5	355.9	0.00	0.00	0.00
3,920.0	7.91	204.85	3,896.3	-327.9	-151.8	361.4	0.00	0.00	0.00
3,960.0	7.91	204.85	3,935.9	-332.9	-154.2	366.9	0.00	0.00	0.00
4,000.0	7.91	204.85	3,975.5	-337.9	-156.5	372.4	0.00	0.00	0.00
4,040.0	7.91	204.85	4,015.1	-342.9	-158.8	377.9	0.00	0.00	0.00
4,080.0	7.91	204.85	4,054.7	-347.9	-161.1	383.4	0.00	0.00	0.00
4,120.0	7.91	204.85	4,094.4	-352.9	-163.4	388.9	0.00	0.00	0.00
4,160.0	7.91	204.85	4,134.0	-357.9	-165.7	394.4	0.00	0.00	0.00

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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)
4,200.0	7.91	204.85	4,173.6	-362.9	-168.0	399.9	0.00	0.00	0.00
4,240.0	7.91	204.85	4,213.2	-367.9	-170.3	405.4	0.00	0.00	0.00
4,280.0	7.91	204.85	4,252.8	-372.9	-172.7	410.9	0.00	0.00	0.00
4,320.0	7.91	204.85	4,292.5	-377.9	-175.0	416.4	0.00	0.00	0.00
4,360.0	7.91	204.85	4,332.1	-382.9	-177.3	421.9	0.00	0.00	0.00
4,400.0	7.91	204.85	4,371.7	-387.9	-179.6	427.4	0.00	0.00	0.00
4,440.0	7.91	204.85	4,411.3	-392.9	-181.9	433.0	0.00	0.00	0.00
4,480.0	7.91	204.85	4,450.9	-397.9	-184.2	438.5	0.00	0.00	0.00
4,520.0	7.91	204.85	4,490.6	-402.9	-186.5	444.0	0.00	0.00	0.00
4,560.0	7.91	204.85	4,530.2	-407.9	-188.9	449.5	0.00	0.00	0.00
4,600.0	7.91	204.85	4,569.8	-412.9	-191.2	455.0	0.00	0.00	0.00
4,640.0	7.91	204.85	4,609.4	-417.9	-193.5	460.5	0.00	0.00	0.00
4,680.0	7.91	204.85	4,649.0	-422.9	-195.8	466.0	0.00	0.00	0.00
4,720.0	7.91	204.85	4,688.7	-427.9	-198.1	471.5	0.00	0.00	0.00
4,760.0	7.91	204.85	4,728.3	-432.9	-200.4	477.0	0.00	0.00	0.00
4,800.0	7.91	204.85	4,767.9	-437.9	-202.7	482.5	0.00	0.00	0.00
4,840.0	7.91	204.85	4,807.5	-442.8	-205.1	488.0	0.00	0.00	0.00
4,880.0	7.91	204.85	4,847.1	-447.8	-207.4	493.5	0.00	0.00	0.00
4,920.0	7.91	204.85	4,886.7	-452.8	-209.7	499.0	0.00	0.00	0.00
4,960.0	7.91	204.85	4,926.4	-457.8	-212.0	504.5	0.00	0.00	0.00
5,000.0	7.91	204.85	4,966.0	-462.8	-214.3	510.0	0.00	0.00	0.00
5,040.0	7.91	204.85	5,005.6	-467.8	-216.6	515.6	0.00	0.00	0.00
5,080.0	7.91	204.85	5,045.2	-472.8	-218.9	521.1	0.00	0.00	0.00
5,120.0	7.91	204.85	5,084.8	-477.8	-221.3	526.6	0.00	0.00	0.00
5,160.0	7.91	204.85	5,124.5	-482.8	-223.6	532.1	0.00	0.00	0.00
5,200.0	7.91	204.85	5,164.1	-487.8	-225.9	537.6	0.00	0.00	0.00
5,240.0	7.91	204.85	5,203.7	-492.8	-228.2	543.1	0.00	0.00	0.00
5,280.0	7.91	204.85	5,243.3	-497.8	-230.5	548.6	0.00	0.00	0.00
5,320.0	7.91	204.85	5,282.9	-502.8	-232.8	554.1	0.00	0.00	0.00
5,360.0	7.91	204.85	5,322.6	-507.8	-235.1	559.6	0.00	0.00	0.00
5,400.0	7.91	204.85	5,362.2	-512.8	-237.4	565.1	0.00	0.00	0.00
5,440.0	7.91	204.85	5,401.8	-517.8	-239.8	570.6	0.00	0.00	0.00
5,480.0	7.91	204.85	5,441.4	-522.8	-242.1	576.1	0.00	0.00	0.00
5,520.0	7.91	204.85	5,481.0	-527.8	-244.4	581.6	0.00	0.00	0.00
5,560.0	7.91	204.85	5,520.7	-532.8	-246.7	587.1	0.00	0.00	0.00
5,600.0	7.91	204.85	5,560.3	-537.8	-249.0	592.6	0.00	0.00	0.00
5,640.0	7.91	204.85	5,599.9	-542.8	-251.3	598.2	0.00	0.00	0.00
5,680.0	7.91	204.85	5,639.5	-547.8	-253.6	603.7	0.00	0.00	0.00
5,720.0	7.91	204.85	5,679.1	-552.8	-256.0	609.2	0.00	0.00	0.00
5,760.0	7.91	204.85	5,718.7	-557.8	-258.3	614.7	0.00	0.00	0.00
5,800.0	7.91	204.85	5,758.4	-562.8	-260.6	620.2	0.00	0.00	0.00
5,840.0	7.91	204.85	5,798.0	-567.8	-262.9	625.7	0.00	0.00	0.00
5,880.0	7.91	204.85	5,837.6	-572.8	-265.2	631.2	0.00	0.00	0.00
5,920.0	7.91	204.85	5,877.2	-577.8	-267.5	636.7	0.00	0.00	0.00
5,960.0	7.91	204.85	5,916.8	-582.8	-269.8	642.2	0.00	0.00	0.00
6,000.0	7.91	204.85	5,956.5	-587.8	-272.2	647.7	0.00	0.00	0.00
6,040.0	7.91	204.85	5,996.1	-592.8	-274.5	653.2	0.00	0.00	0.00
6,080.0	7.91	204.85	6,035.7	-597.8	-276.8	658.7	0.00	0.00	0.00
6,120.0	7.91	204.85	6,075.3	-602.7	-279.1	664.2	0.00	0.00	0.00
6,160.0	7.91	204.85	6,114.9	-607.7	-281.4	669.7	0.00	0.00	0.00
6,200.0	7.91	204.85	6,154.6	-612.7	-283.7	675.2	0.00	0.00	0.00
6,240.0	7.91	204.85	6,194.2	-617.7	-286.0	680.7	0.00	0.00	0.00
6,280.0	7.91	204.85	6,233.8	-622.7	-288.3	686.3	0.00	0.00	0.00
6,320.0	7.91	204.85	6,273.4	-627.7	-290.7	691.8	0.00	0.00	0.00

Database: Landmark
Company: Synergy Resources
Project: SEC.26-T7N-R66W
Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Well: SRC Leffler 14-26D
Wellbore: Wellbore #1
Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (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)
6,360.0	7.91	204.85	6,313.0	-632.7	-293.0	697.3	0.00	0.00	0.00
6,400.0	7.91	204.85	6,352.7	-637.7	-295.3	702.8	0.00	0.00	0.00
6,440.0	7.91	204.85	6,392.3	-642.7	-297.6	708.3	0.00	0.00	0.00
6,480.0	7.91	204.85	6,431.9	-647.7	-299.9	713.8	0.00	0.00	0.00
6,520.0	7.91	204.85	6,471.5	-652.7	-302.2	719.3	0.00	0.00	0.00
6,560.0	7.91	204.85	6,511.1	-657.7	-304.5	724.8	0.00	0.00	0.00
6,600.0	7.91	204.85	6,550.8	-662.7	-306.9	730.3	0.00	0.00	0.00
6,640.0	7.91	204.85	6,590.4	-667.7	-309.2	735.8	0.00	0.00	0.00
6,680.0	7.91	204.85	6,630.0	-672.7	-311.5	741.3	0.00	0.00	0.00
6,720.0	7.91	204.85	6,669.6	-677.7	-313.8	746.8	0.00	0.00	0.00
6,760.0	7.91	204.85	6,709.2	-682.7	-316.1	752.3	0.00	0.00	0.00
6,766.9	7.91	204.85	6,716.1	-683.6	-316.5	753.3	0.00	0.00	0.00
LEGAL BOX 400' X 400' 663'FSL & 663'FWL									
6,800.0	7.91	204.85	6,748.8	-687.7	-318.4	757.8	0.00	0.00	0.00
6,840.0	7.91	204.85	6,788.5	-692.7	-320.7	763.3	0.00	0.00	0.00
6,880.0	7.91	204.85	6,828.1	-697.7	-323.1	768.9	0.00	0.00	0.00
6,920.0	7.91	204.85	6,867.7	-702.7	-325.4	774.4	0.00	0.00	0.00
6,960.0	7.91	204.85	6,907.3	-707.7	-327.7	779.9	0.00	0.00	0.00
7,000.0	7.91	204.85	6,946.9	-712.7	-330.0	785.4	0.00	0.00	0.00
7,040.0	7.91	204.85	6,986.6	-717.7	-332.3	790.9	0.00	0.00	0.00
7,080.0	7.91	204.85	7,026.2	-722.7	-334.6	796.4	0.00	0.00	0.00
7,120.0	7.91	204.85	7,065.8	-727.7	-336.9	801.9	0.00	0.00	0.00
7,160.0	7.91	204.85	7,105.4	-732.7	-339.3	807.4	0.00	0.00	0.00
7,200.0	7.91	204.85	7,145.0	-737.7	-341.6	812.9	0.00	0.00	0.00
7,240.0	7.91	204.85	7,184.7	-742.7	-343.9	818.4	0.00	0.00	0.00
7,280.0	7.91	204.85	7,224.3	-747.7	-346.2	823.9	0.00	0.00	0.00
7,320.0	7.91	204.85	7,263.9	-752.7	-348.5	829.4	0.00	0.00	0.00
7,360.0	7.91	204.85	7,303.5	-757.7	-350.8	834.9	0.00	0.00	0.00
7,400.0	7.91	204.85	7,343.1	-762.6	-353.1	840.4	0.00	0.00	0.00
7,440.0	7.91	204.85	7,382.8	-767.6	-355.4	845.9	0.00	0.00	0.00
7,480.0	7.91	204.85	7,422.4	-772.6	-357.8	851.5	0.00	0.00	0.00
7,520.0	7.91	204.85	7,462.0	-777.6	-360.1	857.0	0.00	0.00	0.00
7,560.0	7.91	204.85	7,501.6	-782.6	-362.4	862.5	0.00	0.00	0.00
7,600.0	7.91	204.85	7,541.2	-787.6	-364.7	868.0	0.00	0.00	0.00
7,608.9	7.91	204.85	7,550.0	-788.7	-365.2	869.2	0.00	0.00	0.00
TARGET BHL 663'FSL, 663'FWL									

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LEGAL BOX 400' X 400'	0.00	0.00	6,700.0	-788.7	-365.2	1,440,665.28	3,207,948.43	40.540618	-104.751794
- hit/miss target									
- Shape									
- plan misses target center by 117.0ft at 6766.9ft MD (6716.1 TVD, -683.6 N, -316.5 E)									
- Rectangle (sides W400.0 H400.0 D850.0)									
TARGET BHL 663'FS	0.00	0.00	7,550.0	-788.7	-365.2	1,440,665.23	3,207,948.41	40.540618	-104.751794
- plan hits target center									
- Point									

Database: Landmark
Company: Synergy Resources
Project: SEC.26-T7N-R66W
Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Well: SRC Leffler 14-26D
Wellbore: Wellbore #1
Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

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.26-T7N-R66W

SRC Leffler 13-26D Pad Sec.26-T7N-R66W

SRC Leffler 14-26D

Wellbore #1

Plan #1 (6-28-11)

Anticollision Report

30 June, 2011

Company: Synergy Resources
Project: SEC.26-T7N-R66W
Reference Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Site Error: 0.0ft
Reference Well: SRC Leffler 14-26D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at: 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Reference Plan #1 (6-28-11)

Filter type: NO GLOBAL FILTER: Using user defined selection & filtering criteria
Interpolation Method: Stations
Depth Range: Unlimited
Results Limited by: Maximum center-center distance of 10,000.0ft
Warning Levels Evaluated at: 2.00 Sigma
Error Model: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Elliptical Conic

Survey Tool Program Date 6/30/2011

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	7,608.9	Plan #1 (6-28-11) (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						
SRC Leffler 13-26D Pad Sec.26-T7N-R66W						
SRC Leffler 13-26D - Wellbore #1 - Plan #1 (6-29-11)	700.0	699.0	20.0	17.1	6.855	CC, ES
SRC Leffler 13-26D - Wellbore #1 - Plan #1 (6-29-11)	900.0	898.6	22.0	18.2	5.785	SF
SRC Leffler 26B (Vert.) - Wellbore #1 - Design #1	900.0	900.0	20.0	16.2	5.237	CC
SRC Leffler 26B (Vert.) - Wellbore #1 - Design #1	1,000.0	1,000.0	20.4	16.1	4.806	ES
SRC Leffler 26B (Vert.) - Wellbore #1 - Design #1	1,100.0	1,100.0	21.7	17.1	4.673	SF

Offset Design SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 13-26D - Wellbore #1 - Plan #1 (6-29-11)												Offset Site Error:	0.0ft
Survey Program: 0-MWD												Offset Well Error:	0.0ft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		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	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-91.07	-0.4	-20.0	20.0				
100.0	100.0	99.0	99.0	0.1	0.1	-91.07	-0.4	-20.0	20.0	19.8	0.22	89.493	
200.0	200.0	199.0	199.0	0.3	0.3	-91.07	-0.4	-20.0	20.0	19.3	0.67	29.781	
300.0	300.0	299.0	299.0	0.6	0.6	-91.07	-0.4	-20.0	20.0	18.9	1.12	17.845	
400.0	400.0	399.0	399.0	0.8	0.8	-91.07	-0.4	-20.0	20.0	18.4	1.57	12.739	
500.0	500.0	499.0	499.0	1.0	1.0	-91.07	-0.4	-20.0	20.0	18.0	2.02	9.905	
600.0	600.0	599.0	599.0	1.2	1.2	-91.07	-0.4	-20.0	20.0	17.5	2.47	8.102	
700.0	700.0	699.0	699.0	1.5	1.5	-91.07	-0.4	-20.0	20.0	17.1	2.92	6.855	CC, ES
800.0	800.0	798.8	798.8	1.7	1.7	-89.05	0.3	-20.5	20.5	17.1	3.37	6.085	
900.0	900.0	898.6	898.6	1.9	1.9	-83.48	2.5	-21.9	22.0	18.2	3.81	5.785	SF
1,000.0	1,000.0	998.1	998.0	2.1	2.1	81.22	6.1	-24.3	24.9	20.7	4.23	5.886	
1,100.0	1,100.0	1,097.5	1,097.1	2.3	2.4	93.75	11.1	-27.6	29.8	25.2	4.63	6.440	
1,200.0	1,199.9	1,196.3	1,195.7	2.5	2.6	105.80	17.6	-31.8	37.9	32.8	5.05	7.502	
1,300.0	1,299.7	1,295.0	1,293.9	2.7	2.8	115.50	25.3	-36.9	49.3	43.8	5.47	9.006	
1,400.0	1,399.4	1,393.8	1,392.2	2.9	3.1	122.79	33.4	-42.2	62.9	57.0	5.90	10.647	
1,500.0	1,498.9	1,492.3	1,490.4	3.1	3.3	128.42	41.4	-47.5	78.2	71.8	6.35	12.320	
1,600.0	1,598.3	1,590.7	1,588.2	3.4	3.6	132.92	49.4	-52.7	95.2	88.4	6.79	14.008	
1,691.3	1,688.8	1,680.1	1,677.2	3.6	3.8	136.33	56.7	-57.5	112.1	104.9	7.21	15.551	
1,700.0	1,697.4	1,688.7	1,685.7	3.6	3.9	136.63	57.3	-57.9	113.8	106.6	7.25	15.698	
1,800.0	1,796.5	1,786.5	1,783.1	3.9	4.1	139.59	65.3	-63.2	133.4	125.7	7.72	17.279	
1,900.0	1,895.5	1,884.4	1,880.5	4.2	4.4	141.79	73.3	-68.4	153.2	145.0	8.19	18.699	
2,000.0	1,994.5	1,982.3	1,977.9	4.5	4.7	143.48	81.2	-73.6	173.2	164.5	8.67	19.974	

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

Company: Synergy Resources
Project: SEC.26-T7N-R66W
Reference Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Site Error: 0.0ft
Reference Well: SRC Leffler 14-26D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Offset Design SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 13-26D - Wellbore #1 - Plan #1 (6-29-11)													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		
2,100.0	2,093.6	2,080.1	2,075.4	4.8	4.9	144.82	89.2	-78.9	193.3	184.1	9.15	21.120		
2,200.0	2,192.6	2,178.0	2,172.8	5.1	5.2	145.91	97.2	-84.1	213.4	203.8	9.63	22.153		
2,300.0	2,291.7	2,275.9	2,270.2	5.4	5.5	146.82	105.1	-89.3	233.7	223.5	10.12	23.088		
2,400.0	2,390.7	2,373.7	2,367.6	5.8	5.7	147.57	113.1	-94.6	254.0	243.3	10.61	23.937		
2,500.0	2,489.8	2,471.6	2,465.0	6.1	6.0	148.22	121.0	-99.8	274.3	263.2	11.10	24.710		
2,600.0	2,588.8	2,569.5	2,562.4	6.4	6.3	148.78	129.0	-105.0	294.6	283.0	11.59	25.417		
2,700.0	2,687.9	2,667.4	2,659.8	6.7	6.6	149.26	137.0	-110.3	315.0	302.9	12.08	26.065		
2,800.0	2,786.9	2,765.2	2,757.2	7.1	6.8	149.69	144.9	-115.5	335.4	322.8	12.58	26.660		
2,900.0	2,886.0	2,863.1	2,854.6	7.4	7.1	150.07	152.9	-120.7	355.8	342.7	13.08	27.210		
3,000.0	2,985.0	2,961.0	2,952.0	7.7	7.4	150.40	160.8	-126.0	376.2	362.6	13.57	27.718		
3,100.0	3,084.1	3,058.8	3,049.4	8.1	7.7	150.70	168.8	-131.2	396.6	382.6	14.07	28.190		
3,200.0	3,183.1	3,156.7	3,146.8	8.4	8.0	150.98	176.8	-136.4	417.1	402.5	14.57	28.628		
3,300.0	3,282.2	3,254.6	3,244.2	8.7	8.2	151.22	184.7	-141.7	437.5	422.5	15.07	29.036		
3,400.0	3,381.2	3,352.5	3,341.6	9.1	8.5	151.45	192.7	-146.9	458.0	442.4	15.57	29.418		
3,500.0	3,480.3	3,450.3	3,439.0	9.4	8.8	151.65	200.7	-152.1	478.4	462.4	16.07	29.774		
3,600.0	3,579.3	3,548.2	3,536.4	9.8	9.1	151.84	208.6	-157.4	498.9	482.3	16.57	30.109		
3,700.0	3,678.4	3,646.1	3,633.8	10.1	9.3	152.01	216.6	-162.6	519.4	502.3	17.07	30.423		
3,800.0	3,777.4	3,743.9	3,731.2	10.4	9.6	152.18	224.5	-167.8	539.8	522.3	17.57	30.719		
3,900.0	3,876.5	3,841.8	3,828.7	10.8	9.9	152.32	232.5	-173.1	560.3	542.3	18.08	30.998		
4,000.0	3,975.5	3,939.7	3,926.1	11.1	10.2	152.46	240.5	-178.3	580.8	562.2	18.58	31.261		
4,100.0	4,074.6	4,037.5	4,023.5	11.5	10.5	152.59	248.4	-183.5	601.3	582.2	19.08	31.510		
4,200.0	4,173.6	4,135.4	4,120.9	11.8	10.7	152.71	256.4	-188.8	621.8	602.2	19.59	31.746		
4,300.0	4,272.6	4,233.3	4,218.3	12.2	11.0	152.82	264.3	-194.0	642.3	622.2	20.09	31.969		
4,400.0	4,371.7	4,331.2	4,315.7	12.5	11.3	152.93	272.3	-199.2	662.8	642.2	20.59	32.181		
4,500.0	4,470.7	4,429.0	4,413.1	12.8	11.6	153.03	280.3	-204.5	683.3	662.2	21.10	32.383		
4,600.0	4,569.8	4,526.9	4,510.5	13.2	11.8	153.12	288.2	-209.7	703.8	682.2	21.60	32.575		
4,700.0	4,668.8	4,624.8	4,607.9	13.5	12.1	153.21	296.2	-214.9	724.3	702.1	22.11	32.758		
4,800.0	4,767.9	4,722.6	4,705.3	13.9	12.4	153.30	304.2	-220.2	744.8	722.1	22.62	32.932		
4,900.0	4,866.9	4,820.5	4,802.7	14.2	12.7	153.37	312.1	-225.4	765.3	742.1	23.12	33.098		
5,000.0	4,966.0	4,918.4	4,900.1	14.6	13.0	153.45	320.1	-230.6	785.8	762.1	23.63	33.258		
5,100.0	5,065.0	5,016.3	4,997.5	14.9	13.2	153.52	328.0	-235.9	806.3	782.1	24.13	33.410		
5,200.0	5,164.1	5,114.1	5,094.9	15.3	13.5	153.59	336.0	-241.1	826.8	802.1	24.64	33.555		
5,300.0	5,263.1	5,212.0	5,192.3	15.6	13.8	153.65	344.0	-246.3	847.3	822.1	25.15	33.695		
5,400.0	5,362.2	5,309.9	5,289.7	16.0	14.1	153.71	351.9	-251.6	867.8	842.1	25.65	33.829		
5,500.0	5,461.2	5,407.7	5,387.1	16.3	14.4	153.77	359.9	-256.8	888.3	862.1	26.16	33.957		
5,600.0	5,560.3	5,505.6	5,484.6	16.6	14.6	153.83	367.8	-262.0	908.8	882.1	26.67	34.081		
5,700.0	5,659.3	5,603.5	5,582.0	17.0	14.9	153.88	375.8	-267.3	929.3	902.1	27.17	34.200		
5,800.0	5,758.4	5,701.3	5,679.4	17.3	15.2	153.93	383.8	-272.5	949.8	922.1	27.68	34.314		
5,900.0	5,857.4	5,799.2	5,776.8	17.7	15.5	153.98	391.7	-277.7	970.3	942.1	28.19	34.424		
6,000.0	5,956.5	5,897.1	5,874.2	18.0	15.8	154.03	399.7	-283.0	990.8	962.1	28.70	34.529		
6,100.0	6,055.5	5,995.0	5,971.6	18.4	16.0	154.07	407.6	-288.2	1,011.4	982.2	29.20	34.631		
6,200.0	6,154.6	6,092.8	6,069.0	18.7	16.3	154.12	415.6	-293.4	1,031.9	1,002.2	29.71	34.730		
6,300.0	6,253.6	6,190.7	6,166.4	19.1	16.6	154.16	423.6	-298.7	1,052.4	1,022.2	30.22	34.825		
6,400.0	6,352.7	6,288.6	6,263.8	19.4	16.9	154.20	431.5	-303.9	1,072.9	1,042.2	30.73	34.916		
6,500.0	6,451.7	6,386.4	6,361.2	19.8	17.2	154.24	439.5	-309.1	1,093.4	1,062.2	31.24	35.005		
6,600.0	6,550.8	6,484.3	6,458.6	20.1	17.4	154.27	447.5	-314.3	1,113.9	1,082.2	31.74	35.091		
6,700.0	6,649.8	6,582.2	6,556.0	20.5	17.7	154.31	455.4	-319.6	1,134.4	1,102.2	32.25	35.173		
6,800.0	6,748.8	6,680.1	6,653.4	20.8	18.0	154.34	463.4	-324.8	1,155.0	1,122.2	32.76	35.253		
6,900.0	6,847.9	6,777.9	6,750.8	21.2	18.3	154.38	471.3	-330.0	1,175.5	1,142.2	33.27	35.331		
7,000.0	6,946.9	6,875.8	6,848.2	21.5	18.6	154.41	479.3	-335.3	1,196.0	1,162.2	33.78	35.406		
7,100.0	7,046.0	6,973.7	6,945.6	21.9	18.8	154.44	487.3	-340.5	1,216.5	1,182.2	34.29	35.479		
7,200.0	7,145.0	7,071.5	7,043.0	22.2	19.1	154.47	495.2	-345.7	1,237.0	1,202.2	34.80	35.549		

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

Company: Synergy Resources
Project: SEC.26-T7N-R66W
Reference Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Site Error: 0.0ft
Reference Well: SRC Leffler 14-26D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Offset Design SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 13-26D - Wellbore #1 - Plan #1 (6-29-11)													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		
7,300.0	7,244.1	7,169.4	7,140.5	22.6	19.4	154.50	503.2	-351.0	1,257.5	1,222.2	35.31	35.618		
7,400.0	7,343.1	7,267.3	7,237.9	22.9	19.7	154.53	511.1	-356.2	1,278.1	1,242.2	35.82	35.684		
7,500.0	7,442.2	7,365.1	7,335.3	23.3	20.0	154.55	519.1	-361.4	1,298.6	1,262.3	36.33	35.748		
7,608.9	7,550.0	7,471.7	7,441.3	23.6	20.3	154.58	527.8	-367.1	1,320.9	1,284.0	36.88	35.816		

Company: Synergy Resources
Project: SEC.26-T7N-R66W
Reference Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Site Error: 0.0ft
Reference Well: SRC Leffler 14-26D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Offset Design SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 26B (Vert.) - Wellbore #1 - Design #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis 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	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	90.02	0.0	20.0	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	90.02	0.0	20.0	20.0	19.8	0.22	89.031		
200.0	200.0	200.0	200.0	0.3	0.3	90.02	0.0	20.0	20.0	19.3	0.67	29.677		
300.0	300.0	300.0	300.0	0.6	0.6	90.02	0.0	20.0	20.0	18.9	1.12	17.806		
400.0	400.0	400.0	400.0	0.8	0.8	90.02	0.0	20.0	20.0	18.4	1.57	12.719		
500.0	500.0	500.0	500.0	1.0	1.0	90.02	0.0	20.0	20.0	18.0	2.02	9.892		
600.0	600.0	600.0	600.0	1.2	1.2	90.02	0.0	20.0	20.0	17.5	2.47	8.094		
700.0	700.0	700.0	700.0	1.5	1.5	90.02	0.0	20.0	20.0	17.1	2.92	6.849		
800.0	800.0	800.0	800.0	1.7	1.7	90.02	0.0	20.0	20.0	16.6	3.37	5.935		
900.0	900.0	900.0	900.0	1.9	1.9	90.02	0.0	20.0	20.0	16.2	3.82	5.237 CC		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-117.05	0.0	20.0	20.4	16.1	4.24	4.806 ES		
1,100.0	1,100.0	1,100.0	1,100.0	2.3	2.4	-123.20	0.0	20.0	21.7	17.1	4.65	4.673 SF		
1,200.0	1,199.9	1,199.9	1,199.9	2.5	2.6	-131.79	0.0	20.0	24.4	19.3	5.06	4.821		
1,300.0	1,299.7	1,299.7	1,299.7	2.7	2.8	-140.84	0.0	20.0	28.8	23.3	5.47	5.265		
1,400.0	1,399.4	1,399.4	1,399.4	2.9	3.0	-148.88	0.0	20.0	35.2	29.4	5.89	5.982		
1,500.0	1,498.9	1,498.9	1,498.9	3.1	3.3	-155.35	0.0	20.0	43.7	37.4	6.31	6.927		
1,600.0	1,598.3	1,598.3	1,598.3	3.4	3.5	-160.30	0.0	20.0	54.2	47.5	6.74	8.050		
1,691.3	1,688.8	1,688.8	1,688.8	3.6	3.7	-163.76	0.0	20.0	65.5	58.4	7.13	9.194		
1,700.0	1,697.4	1,697.4	1,697.4	3.6	3.7	-164.05	0.0	20.0	66.7	59.5	7.16	9.307		
1,800.0	1,796.5	1,796.5	1,796.5	3.9	3.9	-166.76	0.0	20.0	80.0	72.4	7.60	10.525		
1,900.0	1,895.5	1,895.5	1,895.5	4.2	4.1	-168.69	0.0	20.0	93.5	85.4	8.04	11.622		
2,000.0	1,994.5	1,994.5	1,994.5	4.5	4.4	-170.14	0.0	20.0	107.0	98.5	8.49	12.609		
2,100.0	2,093.6	2,093.6	2,093.6	4.8	4.6	-171.26	0.0	20.0	120.6	111.7	8.93	13.501		
2,200.0	2,192.6	2,192.6	2,192.6	5.1	4.8	-172.15	0.0	20.0	134.2	124.8	9.38	14.309		
2,300.0	2,291.7	2,291.7	2,291.7	5.4	5.0	-172.88	0.0	20.0	147.9	138.0	9.83	15.043		
2,400.0	2,390.7	2,390.7	2,390.7	5.8	5.3	-173.48	0.0	20.0	161.5	151.3	10.28	15.712		
2,500.0	2,489.8	2,489.8	2,489.8	6.1	5.5	-173.99	0.0	20.0	175.2	164.5	10.73	16.325		
2,600.0	2,588.8	2,588.8	2,588.8	6.4	5.7	-174.43	0.0	20.0	188.9	177.7	11.19	16.887		
2,700.0	2,687.9	2,687.9	2,687.9	6.7	5.9	-174.81	0.0	20.0	202.6	191.0	11.64	17.404		
2,800.0	2,786.9	2,786.9	2,786.9	7.1	6.2	-175.14	0.0	20.0	216.3	204.3	12.10	17.882		
2,900.0	2,886.0	2,886.0	2,886.0	7.4	6.4	-175.43	0.0	20.0	230.1	217.5	12.55	18.325		
3,000.0	2,985.0	2,985.0	2,985.0	7.7	6.6	-175.69	0.0	20.0	243.8	230.8	13.01	18.736		
3,100.0	3,084.1	3,084.1	3,084.1	8.1	6.8	-175.92	0.0	20.0	257.5	244.1	13.47	19.118		
3,200.0	3,183.1	3,183.1	3,183.1	8.4	7.0	-176.12	0.0	20.0	271.3	257.3	13.93	19.475		
3,300.0	3,282.2	3,282.2	3,282.2	8.7	7.3	-176.31	0.0	20.0	285.0	270.6	14.39	19.809		
3,400.0	3,381.2	3,381.2	3,381.2	9.1	7.5	-176.48	0.0	20.0	298.7	283.9	14.85	20.121		
3,500.0	3,480.3	3,480.3	3,480.3	9.4	7.7	-176.64	0.0	20.0	312.5	297.2	15.31	20.414		
3,600.0	3,579.3	3,579.3	3,579.3	9.8	7.9	-176.78	0.0	20.0	326.2	310.5	15.77	20.690		
3,700.0	3,678.4	3,678.4	3,678.4	10.1	8.2	-176.91	0.0	20.0	340.0	323.7	16.23	20.950		
3,800.0	3,777.4	3,777.4	3,777.4	10.4	8.4	-177.03	0.0	20.0	353.7	337.0	16.69	21.195		
3,900.0	3,876.5	3,876.5	3,876.5	10.8	8.6	-177.14	0.0	20.0	367.5	350.3	17.15	21.427		
4,000.0	3,975.5	3,975.5	3,975.5	11.1	8.8	-177.24	0.0	20.0	381.2	363.6	17.61	21.646		
4,100.0	4,074.6	4,074.6	4,074.6	11.5	9.0	-177.34	0.0	20.0	395.0	376.9	18.07	21.854		
4,200.0	4,173.6	4,173.6	4,173.6	11.8	9.3	-177.43	0.0	20.0	408.7	390.2	18.54	22.051		
4,300.0	4,272.6	4,272.6	4,272.6	12.2	9.5	-177.51	0.0	20.0	422.5	403.5	19.00	22.238		
4,400.0	4,371.7	4,371.7	4,371.7	12.5	9.7	-177.59	0.0	20.0	436.2	416.8	19.46	22.416		
4,500.0	4,470.7	4,470.7	4,470.7	12.8	9.9	-177.66	0.0	20.0	450.0	430.1	19.92	22.586		
4,600.0	4,569.8	4,569.8	4,569.8	13.2	10.2	-177.73	0.0	20.0	463.7	443.4	20.39	22.748		
4,700.0	4,668.8	4,668.8	4,668.8	13.5	10.4	-177.80	0.0	20.0	477.5	456.6	20.85	22.903		
4,800.0	4,767.9	4,767.9	4,767.9	13.9	10.6	-177.86	0.0	20.0	491.2	469.9	21.31	23.050		
4,900.0	4,866.9	4,866.9	4,866.9	14.2	10.8	-177.92	0.0	20.0	505.0	483.2	21.78	23.192		
5,000.0	4,966.0	4,966.0	4,966.0	14.6	11.0	-177.97	0.0	20.0	518.8	496.5	22.24	23.327		

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

Company: Synergy Resources
Project: SEC.26-T7N-R66W
Reference Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Site Error: 0.0ft
Reference Well: SRC Leffler 14-26D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Offset Design SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 26B (Vert.) - Wellbore #1 - Design #1													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference	Offset		Semi Major Axis		Highside Toolface (°)	Distance		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)	Between Centres (ft)	Between Ellipses (ft)					
5,100.0	5,065.0	5,065.0	5,065.0	14.9	11.3	-178.03	0.0	20.0	532.5	509.8	22.70	23.456		
5,200.0	5,164.1	5,164.1	5,164.1	15.3	11.5	-178.08	0.0	20.0	546.3	523.1	23.17	23.581		
5,300.0	5,263.1	5,263.1	5,263.1	15.6	11.7	-178.12	0.0	20.0	560.0	536.4	23.63	23.700		
5,400.0	5,362.2	5,362.2	5,362.2	16.0	11.9	-178.17	0.0	20.0	573.8	549.7	24.09	23.815		
5,500.0	5,461.2	5,461.2	5,461.2	16.3	12.2	-178.21	0.0	20.0	587.6	563.0	24.56	23.925		
5,600.0	5,560.3	5,560.3	5,560.3	16.6	12.4	-178.25	0.0	20.0	601.3	576.3	25.02	24.031		
5,700.0	5,659.3	5,659.3	5,659.3	17.0	12.6	-178.29	0.0	20.0	615.1	589.6	25.49	24.133		
5,800.0	5,758.4	5,758.4	5,758.4	17.3	12.8	-178.33	0.0	20.0	628.8	602.9	25.95	24.231		
5,900.0	5,857.4	5,857.4	5,857.4	17.7	13.1	-178.36	0.0	20.0	642.6	616.2	26.42	24.326		
6,000.0	5,956.5	5,956.5	5,956.5	18.0	13.3	-178.40	0.0	20.0	656.4	629.5	26.88	24.417		
6,100.0	6,055.5	6,055.5	6,055.5	18.4	13.5	-178.43	0.0	20.0	670.1	642.8	27.35	24.505		
6,200.0	6,154.6	6,154.6	6,154.6	18.7	13.7	-178.46	0.0	20.0	683.9	656.1	27.81	24.591		
6,300.0	6,253.6	6,253.6	6,253.6	19.1	13.9	-178.49	0.0	20.0	697.6	669.4	28.28	24.673		
6,400.0	6,352.7	6,352.7	6,352.7	19.4	14.2	-178.52	0.0	20.0	711.4	682.7	28.74	24.752		
6,500.0	6,451.7	6,451.7	6,451.7	19.8	14.4	-178.55	0.0	20.0	725.2	696.0	29.21	24.829		
6,600.0	6,550.8	6,550.8	6,550.8	20.1	14.6	-178.58	0.0	20.0	738.9	709.3	29.67	24.904		
6,700.0	6,649.8	6,649.8	6,649.8	20.5	14.8	-178.60	0.0	20.0	752.7	722.6	30.14	24.976		
6,800.0	6,748.8	6,748.8	6,748.8	20.8	15.1	-178.63	0.0	20.0	766.5	735.9	30.60	25.046		
6,900.0	6,847.9	6,847.9	6,847.9	21.2	15.3	-178.65	0.0	20.0	780.2	749.2	31.07	25.114		
7,000.0	6,946.9	6,946.9	6,946.9	21.5	15.5	-178.68	0.0	20.0	794.0	762.4	31.53	25.179		
7,100.0	7,046.0	7,046.0	7,046.0	21.9	15.7	-178.70	0.0	20.0	807.7	775.7	32.00	25.243		
7,200.0	7,145.0	7,145.0	7,145.0	22.2	15.9	-178.72	0.0	20.0	821.5	789.0	32.46	25.305		
7,300.0	7,244.1	7,244.1	7,244.1	22.6	16.2	-178.74	0.0	20.0	835.3	802.3	32.93	25.365		
7,400.0	7,343.1	7,343.1	7,343.1	22.9	16.4	-178.76	0.0	20.0	849.0	815.6	33.40	25.423		
7,500.0	7,442.2	7,442.2	7,442.2	23.3	16.6	-178.78	0.0	20.0	862.8	828.9	33.86	25.480		
7,608.9	7,550.0	7,550.0	7,550.0	23.6	16.9	-178.80	0.0	20.0	877.8	843.4	34.37	25.540		

Company: Synergy Resources
Project: SEC.26-T7N-R66W
Reference Site: SRC Leffler 13-26D Pad Sec.26-T7N-R66W
Site Error: 0.0ft
Reference Well: SRC Leffler 14-26D
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (6-28-11)

Local Co-ordinate Reference: Well SRC Leffler 14-26D
TVD Reference: WELL @ 4884.0ft (Original Well Elev)
MD Reference: WELL @ 4884.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

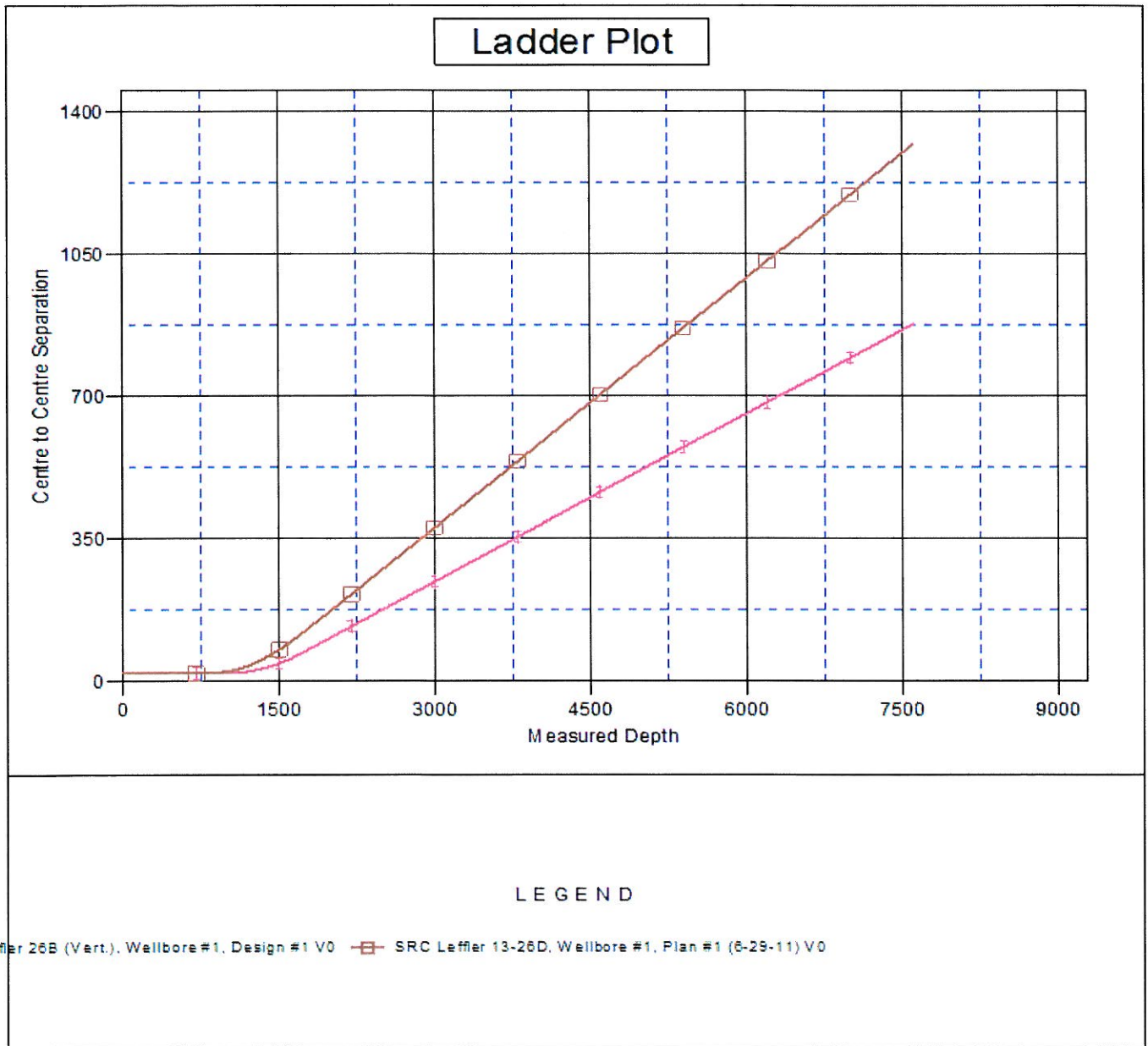
Reference Depths are relative to WELL @ 4884.0ft (Original Well Elev) Coordinates are relative to: SRC Leffler 14-26D

Offset Depths are relative to Offset Datum

Coordinate System is US State Plane 1983, Colorado Northern Zone

Central Meridian is -105.500000 °

Grid Convergence at Surface is: 0.48°



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