

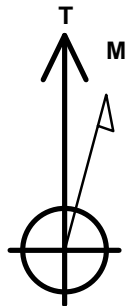
# Synergy Resources

Well Name: **SRC Leffler 13-26NHZ**

Surface Location: SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W  
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone  
 Ground Elevation: 4900.0  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.0 0.0 1445115.15 3208208.77 40.552826 -104.750722  
 RKB-12' WELL @ 4912.0ft (RKB-12')

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 210'FNL & 986'FWL	1.0	0.0	0.0	Point
BHL 460'FSL & 1020'FWL	7244.0	-4645.2	60.3	Point



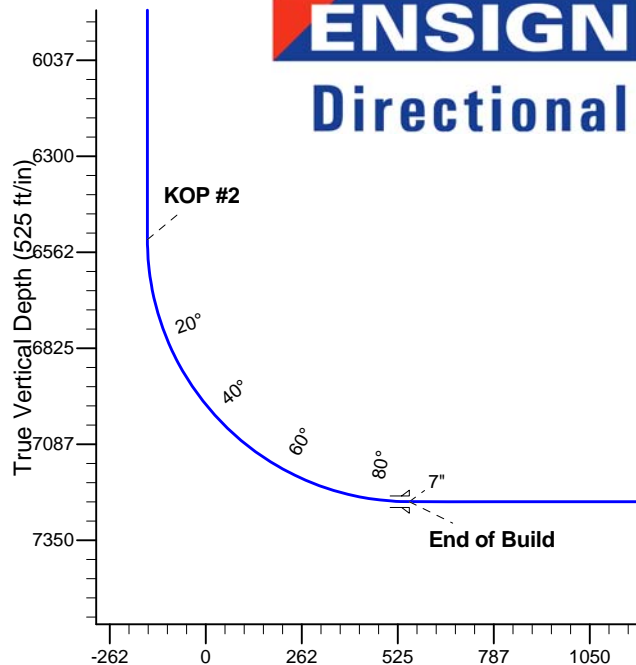
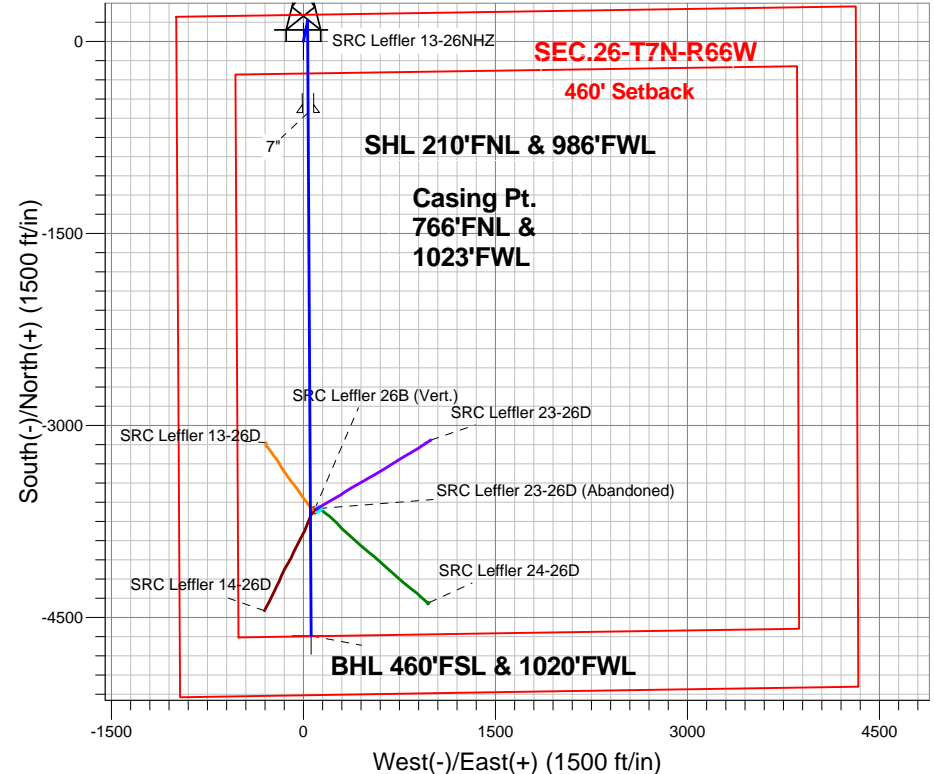
Azimuths to True North  
 Magnetic North: 8.58°

Magnetic Field  
 Strength: 52985.7snT  
 Dip Angle: 67.10°  
 Date: 8/8/2013  
 Model: IGRF2010

SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W  
 SRC Leffler 13-26NHZ  
 Plan #2 (8-08-13)  
 14:25, August 14 2013

## ANNOTATIONS

TVD	MD	Annotation
2500.0	2500.0	KOP #1
6527.8	6536.8	KOP #2
7244.0	7661.8	End of Build



**ENSIGN**  
 Directional

## 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	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	2843.5	6.87	11.65	2842.6	20.1	4.2	2.00	11.65	-20.1	
4	3865.5	6.87	11.65	3857.4	139.9	28.8	0.00	0.00	-139.5	
5	4209.0	0.00	0.00	4200.0	160.0	33.0	2.00	180.00	-159.6	
6	6536.8	0.00	0.00	6527.8	160.0	33.0	0.00	0.00	-159.6	
7	7661.8	90.00	179.67	7244.0	-556.2	37.1	8.00	179.67	556.6	
8	11750.8	90.00	179.67	7244.0	-4645.2	60.3	0.00	0.00	4645.6	BHL 460'FSL & 1020'FWL

BHL 460'FSL & 1020'FWL

Vertical Section at 179.26° (525 ft/in)



## **Synergy Resources**

**SEC.26-T7N-R66W**

**SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W**

**SRC Leffler 13-26NHZ**

**Wellbore #1**

**Plan: Plan #2 (8-08-13)**

## **Standard Planning Report**

**14 August, 2013**

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Project:</b>	SEC.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (8-08-13)		

<b>Project</b>	SEC.26-T7N-R66W, Weld County, Colorado		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Colorado Northern Zone		Using geodetic scale factor

Site						SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W											
Site Position:						Northing:			1,445,134.57 ft			Latitude:			40.552880		
From:			Lat/Long			Easting:			3,208,186.09 ft			Longitude:			-104.750803		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.48 °		

Well	SRC Leffler 13-26NHZ					
Well Position	+N-S	-19.6 ft	Northing:	1,445,115.15 ft	Latitude:	40.552826
	+E-W	22.5 ft	Easting:	3,208,208.77 ft	Longitude:	-104.750722
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,900.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	8/8/2013	8.58	67.10	52,986

<b>Design</b>	Plan #2 (8-08-13)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	179.26

<b>Plan Sections</b>										
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	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,843.5	6.87	11.65	2,842.6	20.1	4.2	2.00	2.00	0.00	11.65	
3,865.5	6.87	11.65	3,857.4	139.9	28.8	0.00	0.00	0.00	0.00	
4,209.0	0.00	0.00	4,200.0	160.0	33.0	2.00	-2.00	0.00	180.00	
6,536.8	0.00	0.00	6,527.8	160.0	33.0	0.00	0.00	0.00	0.00	
7,661.8	90.00	179.67	7,244.0	-556.2	37.1	8.00	8.00	0.00	179.67	
11,750.8	90.00	179.67	7,244.0	-4,645.2	60.3	0.00	0.00	0.00	0.00	BHL 460'FSL & 102

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Project:</b>	SEC.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (8-08-13)		

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
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 210'FNL & 986'FWL									
100.0	0.00	0.00	100.0	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
300.0	0.00	0.00	300.0	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
500.0	0.00	0.00	500.0	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
700.0	0.00	0.00	700.0	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
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP #1									
2,600.0	2.00	11.65	2,600.0	1.7	0.4	-1.7	2.00	2.00	0.00
2,700.0	4.00	11.65	2,699.8	6.8	1.4	-6.8	2.00	2.00	0.00
2,800.0	6.00	11.65	2,799.5	15.4	3.2	-15.3	2.00	2.00	0.00
2,843.5	6.87	11.65	2,842.6	20.1	4.2	-20.1	2.00	2.00	0.00
2,900.0	6.87	11.65	2,898.8	26.8	5.5	-26.7	0.00	0.00	0.00
3,000.0	6.87	11.65	2,998.1	38.5	7.9	-38.4	0.00	0.00	0.00
3,100.0	6.87	11.65	3,097.3	50.2	10.4	-50.1	0.00	0.00	0.00
3,200.0	6.87	11.65	3,196.6	61.9	12.8	-61.7	0.00	0.00	0.00
3,300.0	6.87	11.65	3,295.9	73.6	15.2	-73.4	0.00	0.00	0.00
3,400.0	6.87	11.65	3,395.2	85.3	17.6	-85.1	0.00	0.00	0.00
3,500.0	6.87	11.65	3,494.5	97.0	20.0	-96.8	0.00	0.00	0.00
3,600.0	6.87	11.65	3,593.7	108.8	22.4	-108.5	0.00	0.00	0.00
3,700.0	6.87	11.65	3,693.0	120.5	24.8	-120.1	0.00	0.00	0.00
3,800.0	6.87	11.65	3,792.3	132.2	27.3	-131.8	0.00	0.00	0.00
3,865.5	6.87	11.65	3,857.4	139.9	28.8	-139.5	0.00	0.00	0.00
3,900.0	6.18	11.65	3,891.6	143.7	29.6	-143.3	2.00	-2.00	0.00
4,000.0	4.18	11.65	3,991.2	152.5	31.5	-152.1	2.00	-2.00	0.00
4,100.0	2.18	11.65	4,091.0	158.0	32.6	-157.5	2.00	-2.00	0.00
4,200.0	0.18	11.65	4,191.0	160.0	33.0	-159.5	2.00	-2.00	0.00
4,209.0	0.00	0.00	4,200.0	160.0	33.0	-159.6	2.00	-2.00	0.00
4,300.0	0.00	0.00	4,291.0	160.0	33.0	-159.6	0.00	0.00	0.00
4,400.0	0.00	0.00	4,391.0	160.0	33.0	-159.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,491.0	160.0	33.0	-159.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,591.0	160.0	33.0	-159.6	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
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<b>Project:</b>	SEC.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site:</b>	SRC Leffler 14-26NHZ Pad	<b>North Reference:</b>	True
	Sec.26-T7N-R66W		
<b>Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (8-08-13)		

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)
4,700.0	0.00	0.00	4,691.0	160.0	33.0	-159.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,791.0	160.0	33.0	-159.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,891.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,991.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,100.0	0.00	0.00	5,091.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,200.0	0.00	0.00	5,191.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,291.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,391.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,491.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,591.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,691.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,791.0	160.0	33.0	-159.6	0.00	0.00	0.00
5,900.0	0.00	0.00	5,891.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,991.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,100.0	0.00	0.00	6,091.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,191.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,291.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,391.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,491.0	160.0	33.0	-159.6	0.00	0.00	0.00
6,536.8	0.00	0.00	6,527.8	160.0	33.0	-159.6	0.00	0.00	0.00
<b>KOP #2</b>									
6,600.0	5.06	179.67	6,590.9	157.2	33.0	-156.8	8.00	8.00	0.00
6,700.0	13.06	179.67	6,689.6	141.5	33.1	-141.0	8.00	8.00	0.00
6,800.0	21.06	179.67	6,785.1	112.2	33.3	-111.7	8.00	8.00	0.00
6,900.0	29.06	179.67	6,875.6	69.9	33.5	-69.4	8.00	8.00	0.00
7,000.0	37.06	179.67	6,959.4	15.4	33.8	-14.9	8.00	8.00	0.00
7,100.0	45.06	179.67	7,034.7	-50.3	34.2	50.7	8.00	8.00	0.00
7,200.0	53.06	179.67	7,100.2	-125.7	34.6	126.2	8.00	8.00	0.00
7,300.0	61.06	179.67	7,154.5	-209.6	35.1	210.0	8.00	8.00	0.00
7,400.0	69.06	179.67	7,196.7	-300.2	35.6	300.6	8.00	8.00	0.00
7,500.0	77.06	179.67	7,225.8	-395.8	36.2	396.2	8.00	8.00	0.00
7,600.0	85.06	179.67	7,241.3	-494.5	36.7	494.9	8.00	8.00	0.00
7,661.8	90.00	179.67	7,244.0	-556.2	37.1	556.6	8.00	8.00	0.00
<b>End of Build - 7"</b>									
7,700.0	90.00	179.67	7,244.0	-594.4	37.3	594.8	0.00	0.00	0.00
7,800.0	90.00	179.67	7,244.0	-694.4	37.9	694.8	0.00	0.00	0.00
7,900.0	90.00	179.67	7,244.0	-794.4	38.4	794.8	0.00	0.00	0.00
8,000.0	90.00	179.67	7,244.0	-894.4	39.0	894.8	0.00	0.00	0.00
8,100.0	90.00	179.67	7,244.0	-994.4	39.6	994.8	0.00	0.00	0.00
8,200.0	90.00	179.67	7,244.0	-1,094.4	40.1	1,094.8	0.00	0.00	0.00
8,300.0	90.00	179.67	7,244.0	-1,194.4	40.7	1,194.8	0.00	0.00	0.00
8,400.0	90.00	179.67	7,244.0	-1,294.4	41.3	1,294.8	0.00	0.00	0.00
8,500.0	90.00	179.67	7,244.0	-1,394.4	41.8	1,394.8	0.00	0.00	0.00
8,600.0	90.00	179.67	7,244.0	-1,494.4	42.4	1,494.8	0.00	0.00	0.00
8,700.0	90.00	179.67	7,244.0	-1,594.4	43.0	1,594.8	0.00	0.00	0.00
8,800.0	90.00	179.67	7,244.0	-1,694.4	43.5	1,694.8	0.00	0.00	0.00
8,900.0	90.00	179.67	7,244.0	-1,794.4	44.1	1,794.8	0.00	0.00	0.00
9,000.0	90.00	179.67	7,244.0	-1,894.4	44.7	1,894.8	0.00	0.00	0.00
9,100.0	90.00	179.67	7,244.0	-1,994.4	45.2	1,994.8	0.00	0.00	0.00
9,200.0	90.00	179.67	7,244.0	-2,094.4	45.8	2,094.8	0.00	0.00	0.00
9,300.0	90.00	179.67	7,244.0	-2,194.4	46.4	2,194.8	0.00	0.00	0.00
9,400.0	90.00	179.67	7,244.0	-2,294.4	47.0	2,294.8	0.00	0.00	0.00
9,500.0	90.00	179.67	7,244.0	-2,394.4	47.5	2,394.8	0.00	0.00	0.00

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)	
9,600.0	90.00	179.67	7,244.0	-2,494.4	48.1	2,494.8	0.00	0.00	0.00	
9,700.0	90.00	179.67	7,244.0	-2,594.4	48.7	2,594.8	0.00	0.00	0.00	
9,800.0	90.00	179.67	7,244.0	-2,694.4	49.2	2,694.8	0.00	0.00	0.00	
9,900.0	90.00	179.67	7,244.0	-2,794.4	49.8	2,794.8	0.00	0.00	0.00	
10,000.0	90.00	179.67	7,244.0	-2,894.4	50.4	2,894.8	0.00	0.00	0.00	
10,100.0	90.00	179.67	7,244.0	-2,994.4	50.9	2,994.8	0.00	0.00	0.00	
10,200.0	90.00	179.67	7,244.0	-3,094.4	51.5	3,094.8	0.00	0.00	0.00	
10,300.0	90.00	179.67	7,244.0	-3,194.4	52.1	3,194.8	0.00	0.00	0.00	
10,400.0	90.00	179.67	7,244.0	-3,294.4	52.6	3,294.8	0.00	0.00	0.00	
10,500.0	90.00	179.67	7,244.0	-3,394.4	53.2	3,394.8	0.00	0.00	0.00	
10,600.0	90.00	179.67	7,244.0	-3,494.4	53.8	3,494.8	0.00	0.00	0.00	
10,700.0	90.00	179.67	7,244.0	-3,594.4	54.3	3,594.8	0.00	0.00	0.00	
10,800.0	90.00	179.67	7,244.0	-3,694.4	54.9	3,694.8	0.00	0.00	0.00	
10,900.0	90.00	179.67	7,244.0	-3,794.4	55.5	3,794.8	0.00	0.00	0.00	
11,000.0	90.00	179.67	7,244.0	-3,894.3	56.0	3,894.7	0.00	0.00	0.00	
11,100.0	90.00	179.67	7,244.0	-3,994.3	56.6	3,994.7	0.00	0.00	0.00	
11,200.0	90.00	179.67	7,244.0	-4,094.3	57.2	4,094.7	0.00	0.00	0.00	
11,300.0	90.00	179.67	7,244.0	-4,194.3	57.8	4,194.7	0.00	0.00	0.00	
11,400.0	90.00	179.67	7,244.0	-4,294.3	58.3	4,294.7	0.00	0.00	0.00	
11,500.0	90.00	179.67	7,244.0	-4,394.3	58.9	4,394.7	0.00	0.00	0.00	
11,600.0	90.00	179.67	7,244.0	-4,494.3	59.5	4,494.7	0.00	0.00	0.00	
11,700.0	90.00	179.67	7,244.0	-4,594.3	60.0	4,594.7	0.00	0.00	0.00	
11,750.8	90.00	179.67	7,244.0	-4,645.2	60.3	4,645.6	0.00	0.00	0.00	
BHL 460'FSL & 1020'FWL										

Plan Annotations					
	Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
			+N/-S	+E/-W	
			(ft)	(ft)	
	2,500.0	2,500.0	0.0	0.0	KOP #1
	6,536.8	6,527.8	160.0	33.0	KOP #2
	7,661.8	7,244.0	-556.2	37.1	End of Build



## **Directional**

### **Synergy Resources**

**SEC.26-T7N-R66W**

**SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W**

**SRC Leffler 13-26NHZ**

**Wellbore #1**

**Plan #2 (8-08-13)**

### **Anticollision Report**

**15 August, 2013**





<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 13-26D - Wellbore #1 - Wellbore #1		Offset Site Error:		0.0 ft
Survey Program: 88-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
10,000.0	7,244.0	7,245.2	7,215.2	58.2	18.5	90.03	-3,162.9	-289.9	433.5	357.7	75.79	5.719			
10,100.0	7,244.0	7,238.0	7,208.0	60.0	18.5	88.82	-3,163.4	-289.5	380.2	302.5	77.62	4.897			
10,200.0	7,244.0	7,231.2	7,201.2	61.9	18.5	87.68	-3,163.8	-289.1	347.9	268.5	79.44	4.380			
10,267.8	7,244.0	7,226.8	7,196.8	63.2	18.5	86.94	-3,164.1	-288.9	341.3	260.6	80.65	4.232 CC, ES			
10,300.0	7,244.0	7,224.8	7,194.8	63.8	18.5	86.61	-3,164.2	-288.8	342.8	261.6	81.23	4.220 SF			
10,400.0	7,244.0	7,218.7	7,188.8	65.6	18.5	85.60	-3,164.5	-288.5	365.9	282.9	83.00	4.408			
10,500.0	7,244.0	7,213.0	7,183.1	67.5	18.4	84.64	-3,164.9	-288.2	412.6	327.8	84.76	4.867			
10,600.0	7,244.0	7,207.7	7,177.8	69.4	18.4	83.74	-3,165.1	-287.9	475.9	389.4	86.51	5.501			
10,700.0	7,244.0	7,202.6	7,172.7	71.3	18.4	82.89	-3,165.4	-287.6	550.2	461.9	88.24	6.235			
10,800.0	7,244.0	7,197.8	7,167.9	73.2	18.4	82.09	-3,165.7	-287.3	631.5	541.6	89.97	7.020			
10,900.0	7,244.0	7,193.2	7,163.3	75.0	18.4	81.33	-3,165.9	-287.0	717.6	625.9	91.68	7.827			
11,000.0	7,244.0	7,188.8	7,159.0	76.9	18.4	80.60	-3,166.1	-286.8	806.8	713.5	93.38	8.640			
11,100.0	7,244.0	7,184.7	7,154.8	78.8	18.4	79.92	-3,166.3	-286.5	898.3	803.3	95.08	9.448			
11,200.0	7,244.0	7,180.7	7,150.9	80.7	18.4	79.26	-3,166.5	-286.3	991.4	894.7	96.77	10.246			

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 88-MWD												<b>Offset Well Error:</b>	0.0 ft
SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 14-26D - Wellbore #1 - Wellbore #1													
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)			
10,600.0	7,244.0	7,154.1	7,102.0	69.4	20.8	71.35	-4,400.3	-279.0	971.8	886.3	85.49	11.368	
10,700.0	7,244.0	7,163.6	7,111.5	71.3	20.8	72.83	-4,401.3	-279.5	879.5	791.6	87.91	10.005	
10,800.0	7,244.0	7,173.4	7,121.1	73.2	20.9	74.36	-4,402.4	-279.9	788.9	698.6	90.33	8.734	
10,900.0	7,244.0	7,183.3	7,131.0	75.0	20.9	75.94	-4,403.5	-280.4	700.8	608.0	92.73	7.557	
11,000.0	7,244.0	7,193.4	7,141.0	76.9	20.9	77.56	-4,404.6	-280.9	616.1	520.9	95.12	6.477	
11,100.0	7,244.0	7,203.7	7,151.3	78.8	21.0	79.24	-4,405.8	-281.4	536.4	438.9	97.48	5.503	
11,200.0	7,244.0	7,214.3	7,161.7	80.7	21.0	80.96	-4,407.0	-282.0	464.5	364.7	99.80	4.654	
11,300.0	7,244.0	7,225.0	7,172.4	82.6	21.0	82.72	-4,408.2	-282.6	404.3	302.2	102.07	3.961	
11,400.0	7,244.0	7,236.2	7,183.4	84.5	21.1	84.56	-4,409.5	-283.2	361.9	257.6	104.28	3.470	
11,500.0	7,244.0	7,247.3	7,194.5	86.4	21.1	86.41	-4,410.8	-283.8	343.8	237.3	106.42	3.230	
11,514.7	7,244.0	7,248.9	7,196.1	86.6	21.1	86.68	-4,411.0	-283.9	343.4	236.7	106.73	3.218 CC, ES, SF	
11,600.0	7,244.0	7,258.2	7,205.3	88.3	21.1	88.22	-4,412.0	-284.4	353.8	245.3	108.47	3.261	
11,700.0	7,244.0	7,268.9	7,215.9	90.2	21.2	89.98	-4,413.2	-285.1	389.7	279.3	110.43	3.529	
11,750.8	7,244.0	7,274.2	7,221.2	91.1	21.2	90.86	-4,413.8	-285.4	416.0	304.6	111.39	3.734	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design										SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 23-26D - Wellbore #1 - Wellbore #1			Offset Site Error:		0.0 ft
Survey Program: 91-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
9,900.0	7,244.0	7,296.4	7,204.9	56.3	24.0	-89.32	-3,116.3	994.5	998.1	922.8	75.25	13.264			
10,000.0	7,244.0	7,294.6	7,203.0	58.2	24.0	-89.21	-3,116.3	994.4	969.9	892.8	77.10	12.580			
10,100.0	7,244.0	7,292.7	7,201.1	60.0	24.0	-89.10	-3,116.3	994.4	951.4	872.5	78.95	12.051			
10,200.0	7,244.0	7,290.7	7,199.2	61.9	24.0	-88.98	-3,116.3	994.4	943.3	862.5	80.81	11.672			
10,227.4	7,244.0	7,290.2	7,198.7	62.4	24.0	-88.95	-3,116.4	994.3	942.9	861.5	81.32	11.594	CC, ES		
10,300.0	7,244.0	7,288.8	7,197.2	63.8	24.0	-88.86	-3,116.4	994.3	945.7	863.0	82.67	11.438			
10,400.0	7,244.0	7,286.7	7,195.2	65.6	24.0	-88.73	-3,116.4	994.3	958.5	874.0	84.54	11.338	SF		
10,500.0	7,244.0	7,284.6	7,193.0	67.5	24.0	-88.61	-3,116.4	994.2	981.5	895.1	86.41	11.359			

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.0 ft
Survey Program: 548-MWD													<b>Offset Well Error:</b>	0.0 ft
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)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
11,200.0	7,244.0	7,329.9	7,206.7	80.7	25.1	-89.36	-4,392.1	977.0	966.9	865.5	101.39	9.537		
11,300.0	7,244.0	7,328.4	7,205.1	82.6	25.1	-89.26	-4,392.1	977.0	940.4	837.1	103.27	9.105		
11,400.0	7,244.0	7,326.8	7,203.6	84.5	25.1	-89.16	-4,392.2	977.0	923.9	818.8	105.16	8.786		
11,500.0	7,244.0	7,325.3	7,202.1	86.4	25.1	-89.07	-4,392.2	976.9	918.2	811.1	107.06	8.577		
11,503.1	7,244.0	7,325.2	7,202.0	86.4	25.1	-89.06	-4,392.2	976.9	918.2	811.1	107.11	8.572 CC, ES		
11,600.0	7,244.0	7,323.8	7,200.6	88.3	25.1	-88.97	-4,392.2	976.9	923.3	814.3	108.95	8.474		
11,700.0	7,244.0	7,322.3	7,199.1	90.2	25.1	-88.88	-4,392.2	976.9	939.0	828.2	110.84	8.472 SF		
11,750.8	7,244.0	7,321.5	7,198.3	91.1	25.1	-88.83	-4,392.2	976.9	951.0	839.2	111.81	8.506		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 14-26NHZ - Wellbore #1 - Plan #2 (8-08-13)													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)	Reference	Offset	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	-91.02	-0.4	-22.5	22.5					
100.0	100.0	100.0	100.0	0.1	0.1	-91.02	-0.4	-22.5	22.5	22.3	0.22	100.161		
200.0	200.0	200.0	200.0	0.3	0.3	-91.02	-0.4	-22.5	22.5	21.8	0.67	33.387		
300.0	300.0	300.0	300.0	0.6	0.6	-91.02	-0.4	-22.5	22.5	21.4	1.12	20.032		
400.0	400.0	400.0	400.0	0.8	0.8	-91.02	-0.4	-22.5	22.5	20.9	1.57	14.309 CC		
500.0	500.0	499.8	499.8	1.0	1.0	-90.64	-0.3	-22.9	22.9	20.9	2.01	11.383 ES		
600.0	600.0	599.6	599.6	1.2	1.2	-89.58	0.2	-24.1	24.2	21.7	2.45	9.857		
700.0	700.0	699.4	699.3	1.5	1.4	-88.03	0.9	-26.2	26.2	23.3	2.89	9.070		
800.0	800.0	799.1	799.0	1.7	1.7	-86.24	1.9	-29.1	29.1	25.8	3.33	8.741		
900.0	900.0	898.8	898.6	1.9	1.9	-84.41	3.2	-32.7	32.9	29.2	3.78	8.714		
1,000.0	1,000.0	998.4	998.1	2.1	2.1	-82.67	4.8	-37.2	37.6	33.4	4.23	8.897		
1,100.0	1,100.0	1,097.8	1,097.4	2.4	2.3	-81.10	6.7	-42.5	43.1	38.5	4.67	9.230		
1,200.0	1,200.0	1,197.2	1,196.6	2.6	2.6	-79.73	8.8	-48.7	49.6	44.4	5.12	9.676		
1,300.0	1,300.0	1,296.5	1,295.6	2.8	2.8	-78.55	11.3	-55.6	56.9	51.3	5.57	10.205		
1,400.0	1,400.0	1,395.6	1,394.4	3.0	3.1	-77.55	14.0	-63.3	65.0	59.0	6.02	10.799		
1,500.0	1,500.0	1,494.6	1,493.0	3.3	3.3	-76.70	17.0	-71.8	74.1	67.6	6.48	11.442		
1,600.0	1,600.0	1,593.5	1,591.3	3.5	3.6	-75.98	20.2	-81.1	84.0	77.1	6.93	12.126		
1,700.0	1,700.0	1,692.1	1,689.4	3.7	3.9	-75.37	23.8	-91.1	94.8	87.4	7.38	12.840		
1,800.0	1,800.0	1,790.6	1,787.2	3.9	4.2	-74.85	27.6	-102.0	106.4	98.6	7.84	13.580		
1,900.0	1,900.0	1,888.8	1,884.6	4.2	4.5	-74.41	31.7	-113.6	118.9	110.6	8.29	14.340		
2,000.0	2,000.0	1,987.4	1,982.3	4.4	4.8	-74.03	36.1	-126.0	132.2	123.4	8.75	15.104		
2,100.0	2,100.0	2,086.5	2,080.5	4.6	5.1	-73.71	40.5	-138.5	145.6	136.4	9.21	15.804		
2,200.0	2,200.0	2,185.5	2,178.7	4.8	5.4	-73.45	44.9	-151.0	159.0	149.3	9.67	16.437		
2,300.0	2,300.0	2,284.6	2,276.9	5.1	5.7	-73.22	49.3	-163.6	172.4	162.3	10.13	17.011		
2,400.0	2,400.0	2,383.7	2,375.1	5.3	6.0	-73.03	53.7	-176.1	185.8	175.2	10.60	17.535		
2,500.0	2,500.0	2,482.8	2,473.3	5.5	6.4	-72.87	58.1	-188.6	199.2	188.1	11.06	18.014		
2,600.0	2,600.0	2,581.9	2,571.5	5.7	6.7	-84.58	62.6	-201.2	212.4	201.0	11.49	18.490		
2,700.0	2,699.8	2,681.0	2,669.7	6.0	7.0	-85.50	67.0	-213.7	225.4	213.5	11.95	18.867		
2,800.0	2,799.5	2,779.9	2,767.6	6.2	7.3	-87.13	71.4	-226.2	238.3	225.9	12.41	19.205		
2,843.5	2,842.6	2,822.7	2,810.1	6.3	7.5	-88.03	73.3	-231.7	243.9	231.3	12.61	19.344		
2,900.0	2,898.8	2,878.5	2,865.4	6.4	7.6	-89.38	75.8	-238.7	251.3	238.5	12.87	19.522		
3,000.0	2,998.1	2,977.1	2,963.1	6.6	8.0	-91.58	80.2	-251.2	264.8	251.4	13.35	19.830		
3,100.0	3,097.3	3,075.7	3,060.8	6.9	8.3	-93.56	84.6	-263.7	278.6	264.7	13.84	20.126		
3,200.0	3,196.6	3,174.3	3,158.5	7.1	8.6	-95.36	89.0	-276.1	292.7	278.3	14.34	20.411		
3,300.0	3,295.9	3,272.9	3,256.2	7.4	8.9	-96.99	93.4	-288.6	307.0	292.2	14.84	20.682		
3,400.0	3,395.2	3,371.5	3,353.9	7.6	9.3	-98.47	97.8	-301.1	321.6	306.2	15.36	20.941		
3,500.0	3,494.5	3,470.1	3,451.6	7.9	9.6	-99.83	102.2	-313.6	336.4	320.5	15.88	21.187		
3,600.0	3,593.7	3,568.7	3,549.4	8.2	9.9	-101.07	106.6	-326.0	351.3	334.9	16.40	21.420		
3,700.0	3,693.0	3,667.3	3,647.1	8.4	10.3	-102.21	111.0	-338.5	366.4	349.4	16.93	21.642		
3,800.0	3,792.3	3,765.9	3,744.8	8.7	10.6	-103.26	115.4	-351.0	381.6	364.1	17.46	21.853		
3,865.5	3,857.4	3,830.5	3,808.8	8.9	10.8	-103.91	118.2	-359.2	391.6	373.8	17.81	21.986		
3,900.0	3,891.6	3,864.5	3,842.5	9.0	10.9	-104.31	119.8	-363.5	396.9	378.9	17.99	22.057		
4,000.0	3,991.2	3,963.4	3,940.5	9.2	11.3	-105.10	124.2	-376.0	411.6	393.1	18.48	22.276		
4,100.0	4,091.0	4,065.1	4,041.3	9.4	11.5	-105.38	128.6	-388.6	425.1	406.2	18.91	22.486		
4,209.0	4,200.0	4,177.2	4,152.5	9.6	11.8	-93.53	133.2	-401.5	437.9	418.6	19.32	22.665		
4,300.0	4,291.0	4,271.0	4,245.7	9.7	12.0	-93.00	136.7	-411.6	447.5	427.8	19.67	22.746		
4,400.0	4,391.0	4,374.2	4,348.4	9.9	12.3	-92.48	140.3	-421.8	457.2	437.1	20.08	22.768		
4,500.0	4,491.0	4,477.6	4,451.3	10.2	12.5	-92.02	143.6	-431.2	466.1	445.7	20.49	22.750		
4,600.0	4,591.0	4,581.2	4,554.5	10.4	12.7	-91.62	146.6	-439.7	474.3	453.4	20.90	22.692		
4,700.0	4,691.0	4,684.9	4,657.9	10.6	13.0	-91.28	149.3	-447.3	481.5	460.2	21.31	22.598		
4,800.0	4,791.0	4,788.8	4,761.5	10.8	13.2	-90.98	151.7	-454.0	488.0	466.3	21.72	22.468		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 14-26NHZ - Wellbore #1 - Plan #2 (8-08-13)													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)	Reference	Offset	Semi Major Axis	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	Warning
4,900.0	4,891.0	4,892.8	4,865.3	11.0	13.4	-90.73	-90.73	153.8	-459.9	493.6	471.5	22.13	22.306	
5,000.0	4,991.0	4,996.9	4,969.3	11.2	13.6	-90.52	-90.52	155.5	-464.9	498.4	475.9	22.54	22.111	
5,100.0	5,091.0	5,101.1	5,073.4	11.4	13.8	-90.35	-90.35	157.0	-469.0	502.3	479.4	22.95	21.887	
5,200.0	5,191.0	5,205.4	5,177.6	11.7	14.0	-90.22	-90.22	158.1	-472.2	505.4	482.1	23.36	21.635	
5,300.0	5,291.0	5,309.7	5,281.9	11.9	14.2	-90.12	-90.12	158.9	-474.6	507.6	483.9	23.77	21.356	
5,400.0	5,391.0	5,414.0	5,386.3	12.1	14.3	-90.07	-90.07	159.4	-476.0	509.0	484.8	24.18	21.050	
5,500.0	5,491.0	5,518.4	5,490.6	12.3	14.5	-90.05	-90.05	159.6	-476.5	509.5	484.9	24.59	20.720	
5,600.0	5,591.0	5,618.8	5,591.0	12.5	14.7	-90.04	-90.04	159.6	-476.5	509.5	484.5	25.00	20.379	
5,700.0	5,691.0	5,718.8	5,691.0	12.8	14.8	-90.04	-90.04	159.6	-476.5	509.5	484.1	25.42	20.044	
5,800.0	5,791.0	5,818.8	5,791.0	13.0	15.0	-90.04	-90.04	159.6	-476.5	509.5	483.7	25.84	19.719	
5,900.0	5,891.0	5,918.8	5,891.0	13.2	15.2	-90.04	-90.04	159.6	-476.5	509.5	483.3	26.26	19.403	
6,000.0	5,991.0	6,018.8	5,991.0	13.4	15.4	-90.04	-90.04	159.6	-476.5	509.5	482.8	26.68	19.097	
6,100.0	6,091.0	6,118.8	6,091.0	13.6	15.6	-90.04	-90.04	159.6	-476.5	509.5	482.4	27.10	18.800	
6,200.0	6,191.0	6,218.8	6,191.0	13.8	15.7	-90.04	-90.04	159.6	-476.5	509.5	482.0	27.52	18.511	
6,300.0	6,291.0	6,318.8	6,291.0	14.1	15.9	-90.04	-90.04	159.6	-476.5	509.5	481.6	27.95	18.231	
6,400.0	6,391.0	6,418.8	6,391.0	14.3	16.1	-90.04	-90.04	159.6	-476.5	509.5	481.1	28.37	17.958	
6,500.0	6,491.0	6,518.8	6,491.0	14.5	16.3	-90.04	-90.04	159.6	-476.5	509.5	480.7	28.80	17.693	
6,536.8	6,527.8	6,555.6	6,527.8	14.6	16.3	-90.04	-90.04	159.6	-476.5	509.5	480.6	28.95	17.598	
6,550.0	6,541.0	6,568.8	6,541.1	14.6	16.4	90.28	90.28	159.5	-476.5	509.5	480.5	29.01	17.563	
6,600.0	6,590.9	6,619.0	6,591.2	14.7	16.4	90.30	90.30	157.0	-476.5	509.5	480.3	29.17	17.465	
6,650.0	6,640.5	6,669.2	6,641.0	14.7	16.5	90.31	90.31	150.9	-476.5	509.5	480.2	29.31	17.383	
6,700.0	6,689.6	6,719.4	6,690.2	14.8	16.6	90.32	90.32	141.4	-476.4	509.5	480.1	29.43	17.314	
6,750.0	6,737.9	6,769.6	6,738.7	14.9	16.6	90.33	90.33	128.4	-476.3	509.5	480.0	29.53	17.255	
6,800.0	6,785.1	6,819.8	6,786.2	14.9	16.7	90.34	90.34	112.1	-476.2	509.5	479.9	29.62	17.202	
6,850.0	6,831.1	6,870.0	6,832.4	14.9	16.7	90.35	90.35	92.5	-476.1	509.5	479.8	29.71	17.150	
6,900.0	6,875.6	6,920.2	6,877.2	15.0	16.8	90.35	90.35	69.7	-476.0	509.5	479.7	29.81	17.095	
6,950.0	6,918.5	6,970.5	6,920.2	15.1	16.8	90.36	90.36	43.8	-475.9	509.5	479.6	29.92	17.031	
7,000.0	6,959.4	7,020.7	6,961.3	15.1	16.8	90.36	90.36	15.0	-475.7	509.5	479.5	30.06	16.952	
7,050.0	6,998.2	7,070.9	7,000.3	15.2	16.9	90.36	90.36	-16.6	-475.5	509.5	479.3	30.23	16.853	
7,100.0	7,034.7	7,121.1	7,037.0	15.3	17.0	90.36	90.36	-50.9	-475.3	509.5	479.1	30.46	16.728	
7,150.0	7,068.8	7,171.3	7,071.2	15.4	17.0	90.35	90.35	-87.7	-475.1	509.5	478.8	30.74	16.574	
7,200.0	7,100.2	7,221.6	7,102.7	15.6	17.2	90.35	90.35	-126.8	-474.9	509.5	478.4	31.10	16.386	
7,250.0	7,128.8	7,271.8	7,131.4	15.8	17.3	90.34	90.34	-168.0	-474.7	509.5	478.0	31.52	16.164	
7,300.0	7,154.5	7,322.0	7,157.1	16.0	17.5	90.33	90.33	-211.0	-474.4	509.5	477.5	32.03	15.906	
7,350.0	7,177.2	7,372.2	7,179.8	16.3	17.7	90.32	90.32	-255.8	-474.2	509.5	476.9	32.63	15.616	
7,400.0	7,196.7	7,422.4	7,199.3	16.7	18.0	90.31	90.31	-302.1	-473.9	509.5	476.2	33.31	15.296	
7,450.0	7,212.9	7,472.6	7,215.4	17.1	18.3	90.30	90.30	-349.6	-473.6	509.5	475.5	34.08	14.950	
7,500.0	7,225.8	7,522.8	7,228.2	17.5	18.7	90.28	90.28	-398.1	-473.4	509.5	474.6	34.94	14.584	
7,550.0	7,235.3	7,572.9	7,237.6	17.9	19.1	90.27	90.27	-447.4	-473.1	509.5	473.7	35.87	14.203	
7,600.0	7,241.3	7,623.1	7,243.5	18.4	19.6	90.25	90.25	-497.2	-472.8	509.5	472.7	36.88	13.815	
7,650.0	7,243.9	7,673.2	7,245.9	19.0	20.1	90.23	90.23	-547.2	-472.5	509.5	471.6	37.95	13.425	
7,661.8	7,244.0	7,685.0	7,246.0	19.1	20.2	90.22	90.22	-559.1	-472.5	509.5	471.3	38.21	13.334	
7,700.0	7,244.0	7,723.3	7,246.0	19.5	20.6	90.22	90.22	-597.3	-472.3	509.6	470.5	39.10	13.033	
7,800.0	7,244.0	7,823.3	7,246.0	20.8	21.8	90.22	90.22	-697.3	-471.7	509.6	468.0	41.53	12.269	
7,900.0	7,244.0	7,923.3	7,246.0	22.1	23.1	90.22	90.22	-797.3	-471.1	509.6	465.4	44.17	11.536	
8,000.0	7,244.0	8,023.3	7,246.0	23.5	24.4	90.22	90.22	-897.3	-470.6	509.6	462.6	46.98	10.846	
8,100.0	7,244.0	8,123.3	7,246.0	25.0	25.9	90.22	90.22	-997.3	-470.0	509.6	459.6	49.93	10.206	
8,200.0	7,244.0	8,223.3	7,246.0	26.5	27.4	90.22	90.22	-1,097.3	-469.4	509.6	456.6	52.99	9.616	
8,300.0	7,244.0	8,323.3	7,246.0	28.1	28.9	90.22	90.22	-1,197.3	-468.9	509.6	453.4	56.15	9.075	
8,400.0	7,244.0	8,423.3	7,246.0	29.7	30.5	90.22	90.22	-1,297.3	-468.3	509.6	450.2	59.39	8.580	
8,500.0	7,244.0	8,523.3	7,246.0	31.3	32.1	90.22	90.22	-1,397.3	-467.7	509.6	446.9	62.71	8.127	

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 14-26NHZ - Wellbore #1 - Plan #2 (8-08-13)													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)	Reference	Offset	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	Warning	
8,600.0	7,244.0	8,623.3	7,246.0	33.0	33.8	90.22	-1,497.3	-467.2	509.6	443.5	66.08	7.712		
8,700.0	7,244.0	8,723.3	7,246.0	34.7	35.4	90.22	-1,597.3	-466.6	509.6	440.1	69.50	7.333		
8,800.0	7,244.0	8,823.3	7,246.0	36.5	37.2	90.22	-1,697.3	-466.1	509.6	436.7	72.96	6.985		
8,900.0	7,244.0	8,923.3	7,246.0	38.2	38.9	90.22	-1,797.3	-465.5	509.6	433.2	76.46	6.665		
9,000.0	7,244.0	9,023.3	7,246.0	40.0	40.6	90.22	-1,897.2	-464.9	509.6	429.6	79.99	6.371		
9,100.0	7,244.0	9,123.3	7,246.0	41.8	42.4	90.22	-1,997.2	-464.4	509.6	426.1	83.56	6.099		
9,200.0	7,244.0	9,223.3	7,246.0	43.5	44.1	90.22	-2,097.2	-463.8	509.6	422.5	87.14	5.848		
9,300.0	7,244.0	9,323.3	7,246.0	45.3	45.9	90.22	-2,197.2	-463.2	509.6	418.9	90.75	5.616		
9,400.0	7,244.0	9,423.3	7,246.0	47.2	47.7	90.22	-2,297.2	-462.7	509.6	415.3	94.38	5.400		
9,500.0	7,244.0	9,523.3	7,246.0	49.0	49.5	90.22	-2,397.2	-462.1	509.7	411.6	98.02	5.199		
9,600.0	7,244.0	9,623.3	7,246.0	50.8	51.3	90.22	-2,497.2	-461.6	509.7	408.0	101.68	5.012		
9,700.0	7,244.0	9,723.3	7,246.0	52.6	53.2	90.22	-2,597.2	-461.0	509.7	404.3	105.35	4.838		
9,800.0	7,244.0	9,823.3	7,246.0	54.5	55.0	90.22	-2,697.2	-460.4	509.7	400.6	109.04	4.674		
9,900.0	7,244.0	9,923.3	7,246.0	56.3	56.8	90.22	-2,797.2	-459.9	509.7	396.9	112.74	4.521		
10,000.0	7,244.0	10,023.3	7,246.0	58.2	58.7	90.22	-2,897.2	-459.3	509.7	393.2	116.44	4.377		
10,100.0	7,244.0	10,123.3	7,246.0	60.0	60.5	90.22	-2,997.2	-458.7	509.7	389.5	120.16	4.242		
10,200.0	7,244.0	10,223.3	7,246.0	61.9	62.4	90.22	-3,097.2	-458.2	509.7	385.8	123.88	4.114		
10,300.0	7,244.0	10,323.3	7,246.0	63.8	64.2	90.22	-3,197.2	-457.6	509.7	382.1	127.61	3.994		
10,400.0	7,244.0	10,423.3	7,246.0	65.6	66.1	90.22	-3,297.2	-457.1	509.7	378.4	131.35	3.880		
10,500.0	7,244.0	10,523.3	7,246.0	67.5	67.9	90.22	-3,397.2	-456.5	509.7	374.6	135.10	3.773		
10,600.0	7,244.0	10,623.3	7,246.0	69.4	69.8	90.22	-3,497.2	-455.9	509.7	370.9	138.85	3.671		
10,700.0	7,244.0	10,723.3	7,246.0	71.3	71.7	90.22	-3,597.2	-455.4	509.7	367.1	142.61	3.574		
10,800.0	7,244.0	10,823.3	7,246.0	73.2	73.6	90.22	-3,697.2	-454.8	509.7	363.4	146.37	3.483		
10,900.0	7,244.0	10,923.3	7,246.0	75.0	75.4	90.22	-3,797.2	-454.2	509.7	359.6	150.13	3.395		
11,000.0	7,244.0	11,023.3	7,246.0	76.9	77.3	90.22	-3,897.2	-453.7	509.7	355.8	153.90	3.312		
11,100.0	7,244.0	11,123.3	7,246.0	78.8	79.2	90.22	-3,997.2	-453.1	509.7	352.1	157.68	3.233		
11,200.0	7,244.0	11,223.3	7,246.0	80.7	81.1	90.22	-4,097.2	-452.6	509.8	348.3	161.46	3.157		
11,300.0	7,244.0	11,323.3	7,246.0	82.6	83.0	90.22	-4,197.2	-452.0	509.8	344.5	165.24	3.085		
11,400.0	7,244.0	11,423.3	7,246.0	84.5	84.8	90.22	-4,297.2	-451.4	509.8	340.7	169.02	3.016		
11,500.0	7,244.0	11,523.3	7,246.0	86.4	86.7	90.22	-4,397.2	-450.9	509.8	337.0	172.81	2.950		
11,600.0	7,244.0	11,623.3	7,246.0	88.3	88.6	90.22	-4,497.2	-450.3	509.8	333.2	176.60	2.887		
11,700.0	7,244.0	11,723.3	7,246.0	90.2	90.5	90.22	-4,597.2	-449.7	509.8	329.4	180.39	2.826		
11,750.8	7,244.0	11,774.1	7,246.0	91.1	91.5	90.22	-4,648.0	-449.5	509.8	327.5	182.32	2.796 SF		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 23-26NHZ - Wellbore #1 - Plan #2 (8-08-13)													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)	Reference	Offset	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	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	89.10	0.7	45.0	45.0					
100.0	100.0	100.0	100.0	0.1	0.1	89.10	0.7	45.0	45.0	44.8	0.22	200.314		
200.0	200.0	200.0	200.0	0.3	0.3	89.10	0.7	45.0	45.0	44.3	0.67	66.771		
300.0	300.0	300.0	300.0	0.6	0.6	89.10	0.7	45.0	45.0	43.9	1.12	40.063		
400.0	400.0	400.0	400.0	0.8	0.8	89.10	0.7	45.0	45.0	43.5	1.57	28.616		
500.0	500.0	500.0	500.0	1.0	1.0	89.10	0.7	45.0	45.0	43.0	2.02	22.257		
600.0	600.0	600.0	600.0	1.2	1.2	89.10	0.7	45.0	45.0	42.6	2.47	18.210		
700.0	700.0	700.0	700.0	1.5	1.5	89.10	0.7	45.0	45.0	42.1	2.92	15.409		
800.0	800.0	800.0	800.0	1.7	1.7	89.10	0.7	45.0	45.0	41.7	3.37	13.354		
900.0	900.0	900.0	900.0	1.9	1.9	89.10	0.7	45.0	45.0	41.2	3.82	11.783		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	89.10	0.7	45.0	45.0	40.8	4.27	10.543		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	89.10	0.7	45.0	45.0	40.3	4.72	9.539		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	89.10	0.7	45.0	45.0	39.9	5.17	8.709 CC, ES		
1,300.0	1,300.0	1,298.5	1,298.4	2.8	2.8	88.60	1.1	46.7	46.7	41.1	5.61	8.329		
1,400.0	1,400.0	1,396.7	1,396.5	3.0	3.0	87.28	2.4	51.5	51.7	45.7	6.04	8.568		
1,500.0	1,500.0	1,494.5	1,493.9	3.3	3.2	85.58	4.6	59.6	60.1	53.6	6.47	9.292		
1,600.0	1,600.0	1,591.5	1,590.3	3.5	3.5	83.87	7.6	70.8	71.9	65.0	6.91	10.410		
1,700.0	1,700.0	1,687.7	1,685.4	3.7	3.7	82.36	11.4	85.0	87.0	79.7	7.34	11.850		
1,800.0	1,800.0	1,782.8	1,778.8	3.9	4.0	81.11	16.0	102.1	105.5	97.7	7.79	13.547		
1,900.0	1,900.0	1,879.8	1,873.7	4.2	4.3	80.11	21.2	121.6	126.2	118.0	8.24	15.327		
2,000.0	2,000.0	1,977.6	1,969.3	4.4	4.7	79.39	26.5	141.4	147.1	138.4	8.69	16.930		
2,100.0	2,100.0	2,075.4	2,064.9	4.6	5.0	78.85	31.8	161.1	167.9	158.8	9.14	18.368		
2,200.0	2,200.0	2,173.2	2,160.6	4.8	5.4	78.42	37.1	180.9	188.8	179.2	9.60	19.663		
2,300.0	2,300.0	2,271.0	2,256.2	5.1	5.8	78.08	42.3	200.7	209.7	199.6	10.07	20.833		
2,400.0	2,400.0	2,368.8	2,351.8	5.3	6.2	77.81	47.6	220.4	230.6	220.1	10.53	21.894		
2,500.0	2,500.0	2,466.6	2,447.4	5.5	6.6	77.57	52.9	240.2	251.5	240.5	11.00	22.859		
2,600.0	2,600.0	2,564.5	2,543.2	5.7	7.0	65.69	58.2	260.0	271.7	260.3	11.42	23.798		
2,700.0	2,699.8	2,662.6	2,639.2	6.0	7.4	66.11	63.5	279.8	290.5	278.6	11.88	24.450		
2,800.0	2,799.5	2,760.9	2,735.2	6.2	7.8	67.06	68.8	299.6	308.0	295.7	12.35	24.940		
2,843.5	2,842.6	2,803.5	2,777.0	6.3	8.0	67.61	71.1	308.3	315.3	302.7	12.56	25.109		
2,900.0	2,898.8	2,859.1	2,831.3	6.4	8.2	68.54	74.1	319.5	324.6	311.8	12.83	25.305		
3,000.0	2,998.1	2,957.3	2,927.3	6.6	8.7	70.06	79.4	339.3	341.3	328.0	13.32	25.629		
3,100.0	3,097.3	3,055.5	3,023.3	6.9	9.1	71.43	84.8	359.2	358.3	344.4	13.82	25.926		
3,200.0	3,196.6	3,153.7	3,119.4	7.1	9.5	72.68	90.1	379.0	375.4	361.0	14.33	26.197		
3,300.0	3,295.9	3,251.9	3,215.4	7.4	10.0	73.82	95.4	398.9	392.6	377.8	14.85	26.443		
3,400.0	3,395.2	3,350.1	3,311.5	7.6	10.4	74.87	100.7	418.7	410.0	394.7	15.38	26.666		
3,500.0	3,494.5	3,448.3	3,407.5	7.9	10.8	75.83	106.0	438.5	427.6	411.7	15.91	26.869		
3,600.0	3,593.7	3,546.5	3,503.5	8.2	11.3	76.71	111.3	458.4	445.2	428.8	16.46	27.054		
3,700.0	3,693.0	3,644.7	3,599.6	8.4	11.7	77.53	116.6	478.2	462.9	445.9	17.01	27.222		
3,800.0	3,792.3	3,742.9	3,695.6	8.7	12.1	78.29	121.9	498.1	480.8	463.2	17.56	27.375		
3,865.5	3,857.4	3,807.3	3,758.5	8.9	12.4	78.76	125.4	511.1	492.5	474.5	17.93	27.467		
3,900.0	3,891.6	3,841.2	3,791.6	9.0	12.6	79.09	127.2	517.9	498.7	480.6	18.12	27.529		
4,000.0	3,991.2	3,939.4	3,887.7	9.2	13.0	79.79	132.5	537.8	517.2	498.6	18.61	27.788		
4,100.0	4,091.0	4,037.5	3,983.7	9.4	13.5	80.11	137.9	557.6	536.3	517.2	19.08	28.105		
4,209.0	4,200.0	4,144.3	4,088.1	9.6	13.9	91.72	143.6	579.2	557.8	538.2	19.57	28.496		
4,300.0	4,291.0	4,251.5	4,193.2	9.7	14.3	91.11	149.0	599.4	574.9	554.9	19.98	28.775		
4,400.0	4,391.0	4,374.3	4,314.5	9.9	14.7	90.59	154.0	617.8	589.9	569.4	20.43	28.867		
4,500.0	4,491.0	4,498.6	4,438.0	10.2	15.0	90.23	157.6	631.4	600.8	579.9	20.88	28.766		
4,600.0	4,591.0	4,623.9	4,562.9	10.4	15.2	90.01	159.9	639.8	607.5	586.2	21.33	28.487		
4,700.0	4,691.0	4,749.7	4,688.7	10.6	15.4	89.93	160.7	643.0	610.0	588.2	21.76	28.036		
4,800.0	4,791.0	4,852.0	4,791.0	10.8	15.6	89.93	160.7	643.0	610.0	587.9	22.16	27.525		

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													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)						
4,900.0	4,891.0	4,952.0	4,891.0	11.0	15.7	89.93	160.7	643.0	610.0	587.4	22.57	27.029		
5,000.0	4,991.0	5,052.0	4,991.0	11.2	15.9	89.93	160.7	643.0	610.0	587.0	22.98	26.548		
5,100.0	5,091.0	5,152.0	5,091.0	11.4	16.0	89.93	160.7	643.0	610.0	586.6	23.39	26.083		
5,200.0	5,191.0	5,252.0	5,191.0	11.7	16.2	89.93	160.7	643.0	610.0	586.2	23.80	25.632		
5,300.0	5,291.0	5,352.0	5,291.0	11.9	16.3	89.93	160.7	643.0	610.0	585.8	24.21	25.195		
5,400.0	5,391.0	5,452.0	5,391.0	12.1	16.5	89.93	160.7	643.0	610.0	585.4	24.63	24.772		
5,500.0	5,491.0	5,552.0	5,491.0	12.3	16.6	89.93	160.7	643.0	610.0	585.0	25.04	24.361		
5,600.0	5,591.0	5,652.0	5,591.0	12.5	16.8	89.93	160.7	643.0	610.0	584.6	25.46	23.963		
5,700.0	5,691.0	5,752.0	5,691.0	12.8	17.0	89.93	160.7	643.0	610.0	584.1	25.87	23.577		
5,800.0	5,791.0	5,852.0	5,791.0	13.0	17.1	89.93	160.7	643.0	610.0	583.7	26.29	23.201		
5,900.0	5,891.0	5,952.0	5,891.0	13.2	17.3	89.93	160.7	643.0	610.0	583.3	26.71	22.837		
6,000.0	5,991.0	6,052.0	5,991.0	13.4	17.4	89.93	160.7	643.0	610.0	582.9	27.13	22.483		
6,100.0	6,091.0	6,152.0	6,091.0	13.6	17.6	89.93	160.7	643.0	610.0	582.5	27.55	22.140		
6,200.0	6,191.0	6,252.0	6,191.0	13.8	17.8	89.93	160.7	643.0	610.0	582.0	27.98	21.806		
6,300.0	6,291.0	6,352.0	6,291.0	14.1	17.9	89.93	160.7	643.0	610.0	581.6	28.40	21.481		
6,400.0	6,391.0	6,452.0	6,391.0	14.3	18.1	89.93	160.7	643.0	610.0	581.2	28.82	21.165		
6,500.0	6,491.0	6,552.0	6,491.0	14.5	18.3	89.93	160.7	643.0	610.0	580.8	29.25	20.858		
6,518.0	6,509.0	6,570.0	6,509.0	14.5	18.3	89.93	160.7	643.0	610.0	580.7	29.32	20.803		
6,536.8	6,527.8	6,588.7	6,527.7	14.6	18.3	89.94	160.6	643.0	610.0	580.6	29.40	20.749		
6,550.0	6,541.0	6,601.9	6,540.9	14.6	18.4	-89.71	160.2	643.0	610.0	580.6	29.44	20.722		
6,600.0	6,590.9	6,651.6	6,590.5	14.7	18.4	-89.62	156.7	643.0	610.0	580.4	29.59	20.614		
6,650.0	6,640.5	6,701.3	6,639.7	14.7	18.5	-89.54	149.7	643.1	610.0	580.3	29.72	20.524		
6,700.0	6,689.6	6,750.9	6,688.2	14.8	18.5	-89.46	139.4	643.1	610.0	580.2	29.83	20.448		
6,750.0	6,737.9	6,800.5	6,735.9	14.9	18.6	-89.39	125.7	643.2	610.0	580.1	29.93	20.383		
6,800.0	6,785.1	6,850.0	6,782.4	14.9	18.6	-89.31	108.8	643.3	610.1	580.0	30.01	20.326		
6,850.0	6,831.1	6,899.5	6,827.6	14.9	18.6	-89.24	88.8	643.4	610.1	580.0	30.10	20.270		
6,900.0	6,875.6	6,948.9	6,871.3	15.0	18.7	-89.17	65.7	643.6	610.1	579.9	30.19	20.210		
6,950.0	6,918.5	6,998.3	6,913.2	15.1	18.7	-89.11	39.7	643.7	610.1	579.8	30.29	20.141		
7,000.0	6,959.4	7,047.6	6,953.2	15.1	18.7	-89.05	10.8	643.9	610.1	579.7	30.42	20.054		
7,050.0	6,998.2	7,096.9	6,991.1	15.2	18.8	-89.00	-20.7	644.0	610.1	579.5	30.59	19.944		
7,100.0	7,034.7	7,146.1	7,026.7	15.3	18.9	-88.95	-54.6	644.2	610.1	579.3	30.81	19.805		
7,150.0	7,068.8	7,195.3	7,059.9	15.4	18.9	-88.91	-91.0	644.4	610.1	579.0	31.08	19.631		
7,200.0	7,100.2	7,244.5	7,090.5	15.6	19.0	-88.87	-129.5	644.7	610.1	578.7	31.42	19.418		
7,250.0	7,128.8	7,293.7	7,118.4	15.8	19.1	-88.83	-170.0	644.9	610.1	578.3	31.84	19.165		
7,300.0	7,154.5	7,342.8	7,143.4	16.0	19.3	-88.81	-212.2	645.1	610.1	577.8	32.33	18.871		
7,350.0	7,177.2	7,391.9	7,165.4	16.3	19.5	-88.78	-256.1	645.4	610.1	577.2	32.91	18.538		
7,400.0	7,196.7	7,441.0	7,184.4	16.7	19.7	-88.77	-301.4	645.6	610.1	576.6	33.58	18.169		
7,450.0	7,212.9	7,490.1	7,200.2	17.1	19.9	-88.76	-347.9	645.9	610.1	575.8	34.34	17.770		
7,500.0	7,225.8	7,539.2	7,212.9	17.5	20.2	-88.75	-395.3	646.2	610.1	575.0	35.18	17.346		
7,550.0	7,235.3	7,588.3	7,222.2	17.9	20.6	-88.75	-443.5	646.4	610.1	574.0	36.09	16.904		
7,600.0	7,241.3	7,637.4	7,228.2	18.4	21.0	-88.76	-492.2	646.7	610.1	573.0	37.09	16.452		
7,650.0	7,243.9	7,686.5	7,230.9	19.0	21.4	-88.77	-541.2	647.0	610.1	572.0	38.14	15.996		
7,661.8	7,244.0	7,698.1	7,231.0	19.1	21.5	-88.78	-552.8	647.0	610.1	571.7	38.40	15.890		
7,700.0	7,244.0	7,736.3	7,231.0	19.5	21.9	-88.78	-591.0	647.3	610.1	570.9	39.27	15.536		
7,800.0	7,244.0	7,836.3	7,231.0	20.8	23.0	-88.78	-691.0	647.8	610.1	568.4	41.68	14.637		
7,900.0	7,244.0	7,936.3	7,231.0	22.1	24.1	-88.78	-791.0	648.4	610.1	565.8	44.30	13.772		
8,000.0	7,244.0	8,036.3	7,231.0	23.5	25.4	-88.78	-891.0	649.0	610.1	563.0	47.09	12.957		
8,100.0	7,244.0	8,136.3	7,231.0	25.0	26.8	-88.78	-991.0	649.5	610.1	560.1	50.01	12.199		
8,200.0	7,244.0	8,236.3	7,231.0	26.5	28.2	-88.78	-1,090.9	650.1	610.1	557.0	53.06	11.498		
8,300.0	7,244.0	8,336.3	7,231.0	28.1	29.7	-88.78	-1,190.9	650.7	610.1	553.9	56.21	10.855		
8,400.0	7,244.0	8,436.3	7,231.0	29.7	31.2	-88.78	-1,290.9	651.2	610.1	550.7	59.44	10.265		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													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		
8,500.0	7,244.0	8,536.3	7,231.0	31.3	32.8	-88.78	-1,390.9	651.8	610.1	547.4	62.73	9.725		
8,600.0	7,244.0	8,636.3	7,231.0	33.0	34.4	-88.78	-1,490.9	652.3	610.1	544.0	66.09	9.231		
8,700.0	7,244.0	8,736.3	7,231.0	34.7	36.0	-88.78	-1,590.9	652.9	610.1	540.6	69.50	8.778		
8,800.0	7,244.0	8,836.3	7,231.0	36.5	37.7	-88.78	-1,690.9	653.5	610.1	537.1	72.96	8.362		
8,900.0	7,244.0	8,936.3	7,231.0	38.2	39.4	-88.78	-1,790.9	654.0	610.1	533.6	76.45	7.980		
9,000.0	7,244.0	9,036.3	7,231.0	40.0	41.1	-88.78	-1,890.9	654.6	610.1	530.1	79.97	7.629		
9,100.0	7,244.0	9,136.3	7,231.0	41.8	42.8	-88.78	-1,990.9	655.2	610.1	526.5	83.53	7.304		
9,200.0	7,244.0	9,236.3	7,231.0	43.5	44.6	-88.78	-2,090.9	655.7	610.1	523.0	87.11	7.004		
9,300.0	7,244.0	9,336.3	7,231.0	45.3	46.3	-88.78	-2,190.9	656.3	610.1	519.4	90.71	6.726		
9,400.0	7,244.0	9,436.3	7,231.0	47.2	48.1	-88.78	-2,290.9	656.9	610.1	515.7	94.33	6.467		
9,500.0	7,244.0	9,536.3	7,231.0	49.0	49.9	-88.78	-2,390.9	657.4	610.1	512.1	97.97	6.227		
9,600.0	7,244.0	9,636.3	7,231.0	50.8	51.7	-88.78	-2,490.9	658.0	610.1	508.4	101.62	6.003		
9,700.0	7,244.0	9,736.3	7,231.0	52.6	53.5	-88.78	-2,590.9	658.6	610.1	504.8	105.29	5.794		
9,800.0	7,244.0	9,836.3	7,231.0	54.5	55.3	-88.78	-2,690.9	659.1	610.1	501.1	108.97	5.598		
9,900.0	7,244.0	9,936.3	7,231.0	56.3	57.1	-88.78	-2,790.9	659.7	610.0	497.4	112.66	5.415		
10,000.0	7,244.0	10,036.3	7,231.0	58.2	58.9	-88.78	-2,890.9	660.3	610.0	493.7	116.37	5.242		
10,100.0	7,244.0	10,136.3	7,231.0	60.0	60.8	-88.78	-2,990.9	660.8	610.0	490.0	120.08	5.080		
10,200.0	7,244.0	10,236.3	7,231.0	61.9	62.6	-88.78	-3,090.9	661.4	610.0	486.2	123.80	4.928		
10,300.0	7,244.0	10,336.3	7,231.0	63.8	64.4	-88.78	-3,190.9	662.0	610.0	482.5	127.53	4.784		
10,400.0	7,244.0	10,436.3	7,231.0	65.6	66.3	-88.78	-3,290.9	662.5	610.0	478.8	131.26	4.647		
10,500.0	7,244.0	10,536.3	7,231.0	67.5	68.1	-88.78	-3,390.9	663.1	610.0	475.0	135.01	4.519		
10,600.0	7,244.0	10,636.3	7,231.0	69.4	70.0	-88.78	-3,490.9	663.6	610.0	471.3	138.75	4.396		
10,700.0	7,244.0	10,736.3	7,231.0	71.3	71.9	-88.78	-3,590.9	664.2	610.0	467.5	142.51	4.281		
10,800.0	7,244.0	10,836.3	7,231.0	73.2	73.7	-88.78	-3,690.9	664.8	610.0	463.7	146.27	4.171		
10,900.0	7,244.0	10,936.3	7,231.0	75.0	75.6	-88.78	-3,790.9	665.3	610.0	460.0	150.03	4.066		
11,000.0	7,244.0	11,036.3	7,231.0	76.9	77.5	-88.78	-3,890.9	665.9	610.0	456.2	153.80	3.966		
11,100.0	7,244.0	11,136.3	7,231.0	78.8	79.3	-88.78	-3,990.9	666.5	610.0	452.4	157.57	3.871		
11,200.0	7,244.0	11,236.3	7,231.0	80.7	81.2	-88.78	-4,090.9	667.0	610.0	448.7	161.34	3.781		
11,300.0	7,244.0	11,336.3	7,231.0	82.6	83.1	-88.78	-4,190.9	667.6	610.0	444.9	165.12	3.694		
11,400.0	7,244.0	11,436.3	7,231.0	84.5	85.0	-88.78	-4,290.9	668.2	610.0	441.1	168.91	3.611		
11,500.0	7,244.0	11,536.3	7,231.0	86.4	86.8	-88.78	-4,390.9	668.7	610.0	437.3	172.69	3.532		
11,600.0	7,244.0	11,636.3	7,231.0	88.3	88.7	-88.78	-4,490.9	669.3	610.0	433.5	176.48	3.456		
11,700.0	7,244.0	11,736.3	7,231.0	90.2	90.6	-88.78	-4,590.9	669.9	610.0	429.7	180.27	3.384		
11,736.7	7,244.0	11,773.0	7,231.0	90.9	91.3	-88.78	-4,627.6	670.1	610.0	428.3	181.66	3.358		
11,750.8	7,244.0	11,781.0	7,231.0	91.1	91.5	-88.78	-4,635.7	670.1	610.0	427.9	182.08	3.350 SF		

SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 24-26NHZ - Wellbore #1 - Plan #2 (8-08-1)													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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	89.06	1.1	67.2	67.3					
100.0	100.0	100.0	100.0	0.1	0.1	89.06	1.1	67.2	67.3	67.0	0.22	299.239		
200.0	200.0	200.0	200.0	0.3	0.3	89.06	1.1	67.2	67.3	66.6	0.67	99.746		
300.0	300.0	300.0	300.0	0.6	0.6	89.06	1.1	67.2	67.3	66.1	1.12	59.848		
400.0	400.0	400.0	400.0	0.8	0.8	89.06	1.1	67.2	67.3	65.7	1.57	42.748		
500.0	500.0	500.0	500.0	1.0	1.0	89.06	1.1	67.2	67.3	65.2	2.02	33.249		
600.0	600.0	600.0	600.0	1.2	1.2	89.06	1.1	67.2	67.3	64.8	2.47	27.204		
700.0	700.0	700.0	700.0	1.5	1.5	89.06	1.1	67.2	67.3	64.3	2.92	23.018		
800.0	800.0	800.0	800.0	1.7	1.7	89.06	1.1	67.2	67.3	63.9	3.37	19.949		
900.0	900.0	900.0	900.0	1.9	1.9	89.06	1.1	67.2	67.3	63.4	3.82	17.602		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	89.06	1.1	67.2	67.3	63.0	4.27	15.749 CC, ES		
1,100.0	1,100.0	1,097.7	1,097.7	2.4	2.3	88.88	1.3	68.9	68.9	64.2	4.70	14.659		
1,200.0	1,200.0	1,195.1	1,195.0	2.6	2.5	88.39	2.1	73.8	74.0	68.9	5.13	14.427 SF		
1,300.0	1,300.0	1,292.2	1,291.7	2.8	2.8	87.72	3.3	82.0	82.5	76.9	5.56	14.826		
1,400.0	1,400.0	1,388.5	1,387.3	3.0	3.0	86.97	4.9	93.3	94.3	88.3	6.00	15.717		
1,500.0	1,500.0	1,484.0	1,481.7	3.3	3.3	86.25	7.0	107.6	109.4	102.9	6.44	16.993		
1,600.0	1,600.0	1,578.4	1,574.4	3.5	3.5	85.61	9.6	124.8	127.8	120.9	6.88	18.572		
1,700.0	1,700.0	1,671.7	1,665.6	3.7	3.9	85.06	12.5	144.8	149.4	142.0	7.33	20.382		
1,800.0	1,800.0	1,769.0	1,760.3	3.9	4.2	84.60	15.8	167.0	172.4	164.6	7.78	22.145		
1,900.0	1,900.0	1,866.3	1,855.0	4.2	4.6	84.25	19.1	189.2	195.4	187.2	8.24	23.706		
2,000.0	2,000.0	1,963.6	1,949.6	4.4	5.1	83.97	22.3	211.4	218.5	209.8	8.71	25.089		
2,100.0	2,100.0	2,061.0	2,044.3	4.6	5.5	83.74	25.6	233.6	241.5	232.4	9.18	26.319		
2,200.0	2,200.0	2,158.3	2,139.0	4.8	5.9	83.56	28.9	255.8	264.6	254.9	9.65	27.419		
2,300.0	2,300.0	2,255.6	2,233.7	5.1	6.4	83.40	32.2	278.0	287.7	277.5	10.13	28.407		
2,400.0	2,400.0	2,352.9	2,328.4	5.3	6.8	83.27	35.4	300.3	310.7	300.1	10.60	29.299		
2,500.0	2,500.0	2,450.2	2,423.0	5.5	7.3	83.16	38.7	322.5	333.8	322.7	11.09	30.108		
2,600.0	2,600.0	2,547.6	2,517.8	5.7	7.7	71.24	42.0	344.7	356.3	344.8	11.47	31.056		
2,700.0	2,699.8	2,645.2	2,612.8	6.0	8.2	71.49	45.3	367.0	377.7	365.8	11.95	31.617		
2,800.0	2,799.5	2,742.8	2,707.8	6.2	8.6	72.17	48.5	389.2	398.2	385.8	12.42	32.049		
2,843.5	2,842.6	2,785.2	2,749.0	6.3	8.8	72.59	50.0	398.9	406.8	394.2	12.63	32.199		
2,900.0	2,898.8	2,840.3	2,802.7	6.4	9.1	73.37	51.8	411.5	418.0	405.0	12.91	32.378		
3,000.0	2,998.1	2,937.9	2,897.6	6.6	9.6	74.65	55.1	433.8	437.8	424.4	13.40	32.667		
3,100.0	3,097.3	3,035.4	2,992.5	6.9	10.1	75.82	58.4	456.0	457.9	444.0	13.91	32.924		
3,200.0	3,196.6	3,133.0	3,087.4	7.1	10.5	76.89	61.7	478.3	478.2	463.7	14.42	33.153		
3,300.0	3,295.9	3,230.5	3,182.4	7.4	11.0	77.88	64.9	500.6	498.6	483.6	14.95	33.355		
3,400.0	3,395.2	3,328.1	3,277.3	7.6	11.5	78.79	68.2	522.8	519.1	503.6	15.48	33.534		
3,500.0	3,494.5	3,425.6	3,372.2	7.9	12.0	79.63	71.5	545.1	539.7	523.7	16.02	33.693		
3,600.0	3,593.7	3,523.2	3,467.1	8.2	12.4	80.40	74.8	567.4	560.5	543.9	16.57	33.833		
3,700.0	3,693.0	3,620.7	3,562.0	8.4	12.9	81.13	78.1	589.6	581.3	564.2	17.12	33.957		
3,800.0	3,792.3	3,718.3	3,656.9	8.7	13.4	81.80	81.3	611.9	602.2	584.6	17.68	34.066		
3,865.5	3,857.4	3,782.2	3,719.1	8.9	13.7	82.22	83.5	626.5	616.0	597.9	18.05	34.131		
3,900.0	3,891.6	3,815.8	3,751.9	9.0	13.9	82.56	84.6	634.1	623.3	605.0	18.24	34.178		
4,000.0	3,991.2	3,913.5	3,846.9	9.2	14.4	83.31	87.9	656.4	644.7	625.9	18.74	34.399		
4,100.0	4,091.0	4,011.0	3,941.8	9.4	14.8	83.75	91.2	678.7	666.5	647.3	19.22	34.672		
4,209.0	4,200.0	4,117.2	4,045.1	9.6	15.4	95.56	94.8	702.9	690.7	671.0	19.73	35.002		
4,300.0	4,291.0	4,205.8	4,131.3	9.7	15.8	95.16	97.7	723.1	711.1	691.0	20.13	35.319		
4,400.0	4,391.0	4,303.1	4,226.0	9.9	16.3	94.73	101.0	745.3	733.6	713.0	20.60	35.616		
4,500.0	4,491.0	4,400.4	4,320.7	10.2	16.8	94.34	104.3	767.6	756.1	735.0	21.06	35.899		
4,600.0	4,591.0	4,497.7	4,415.3	10.4	17.2	93.96	107.5	789.8	778.7	757.1	21.53	36.169		
4,700.0	4,691.0	4,595.0	4,510.0	10.6	17.7	93.61	110.8	812.0	801.2	779.2	22.00	36.428		
4,800.0	4,791.0	4,692.3	4,604.7	10.8	18.2	93.28	114.1	834.2	823.8	801.4	22.46	36.676		

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<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 24-26NHZ - Wellbore #1 - Plan #2 (8-08-1												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-MWD												<b>Offset Well Error:</b>	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)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
4,900.0	4,891.0	4,789.6	4,699.4	11.0	18.7	92.96	117.4	856.4	846.5	823.5	22.93	36.913	
5,000.0	4,991.0	4,886.9	4,794.0	11.2	19.2	92.67	120.6	878.6	869.1	845.7	23.40	37.140	
5,100.0	5,091.0	4,984.2	4,888.7	11.4	19.7	92.38	123.9	900.8	891.8	867.9	23.87	37.358	
5,200.0	5,191.0	5,081.5	4,983.4	11.7	20.1	92.11	127.2	923.0	914.5	890.1	24.34	37.568	
5,300.0	5,291.0	5,178.8	5,078.1	11.9	20.6	91.86	130.4	945.2	937.2	912.4	24.81	37.769	
5,400.0	5,391.0	5,276.1	5,172.8	12.1	21.1	91.61	133.7	967.4	959.9	934.6	25.29	37.962	
5,500.0	5,491.0	5,373.4	5,267.4	12.3	21.6	91.38	137.0	989.6	982.7	956.9	25.76	38.147	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler B-26CHZ - Wellbore #1 - Plan #2 (8-08-13)													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)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	89.23	89.23	0.3	22.5	22.5	22.3	0.22	100.154	
100.0	100.0	100.0	100.0	0.1	0.1	89.23	89.23	0.3	22.5	22.5	21.8	0.67	33.385	
200.0	200.0	200.0	200.0	0.3	0.3	89.23	89.23	0.3	22.5	22.5	21.4	1.12	20.031	
300.0	300.0	300.0	300.0	0.6	0.6	89.23	89.23	0.3	22.5	22.5	20.9	1.57	14.308	
400.0	400.0	400.0	400.0	0.8	0.8	89.23	89.23	0.3	22.5	22.5	20.5	2.02	11.128	
500.0	500.0	500.0	500.0	1.0	1.0	89.23	89.23	0.3	22.5	22.5	20.0	2.47	9.105	
600.0	600.0	600.0	600.0	1.2	1.2	89.23	89.23	0.3	22.5	22.5	19.6	2.92	7.704	
700.0	700.0	700.0	700.0	1.5	1.5	89.23	89.23	0.3	22.5	22.5	19.1	3.37	6.677	
800.0	800.0	800.0	800.0	1.7	1.7	89.23	89.23	0.3	22.5	22.5	18.7	3.82	5.891	
900.0	900.0	900.0	900.0	1.9	1.9	89.23	89.23	0.3	22.5	22.5	18.2	4.27	5.271	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	89.23	89.23	0.3	22.5	22.5	17.8	4.72	4.769	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	89.23	89.23	0.3	22.5	22.5	17.3	5.17	4.355	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	89.23	89.23	0.3	22.5	22.5	16.9	5.62	4.006	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	89.23	89.23	0.3	22.5	22.5	16.4	6.07	3.709 CC, ES	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	89.23	89.23	0.3	22.5	22.5	16.4	6.07	3.709 CC, ES	
1,500.0	1,500.0	1,499.3	1,499.2	3.3	3.3	87.40	87.40	1.1	24.0	24.1	17.6	6.51	3.699	
1,600.0	1,600.0	1,598.3	1,598.1	3.5	3.5	83.14	83.14	3.4	28.6	28.9	21.9	6.94	4.158	
1,700.0	1,700.0	1,696.8	1,696.3	3.7	3.7	78.54	78.54	7.3	36.2	37.1	29.7	7.38	5.024	
1,800.0	1,800.0	1,796.0	1,794.9	3.9	3.9	75.00	75.00	12.3	45.8	47.6	39.8	7.82	6.090	
1,900.0	1,900.0	1,895.4	1,893.7	4.2	4.2	72.73	72.73	17.2	55.4	58.4	50.1	8.26	7.061	
2,000.0	2,000.0	1,994.8	1,992.5	4.4	4.4	71.17	71.17	22.2	65.0	69.1	60.4	8.71	7.939	
2,100.0	2,100.0	2,094.2	2,091.3	4.6	4.7	70.02	70.02	27.1	74.7	79.9	70.8	9.15	8.734	
2,200.0	2,200.0	2,193.6	2,190.2	4.8	4.9	69.16	69.16	32.1	84.3	90.8	81.2	9.60	9.457	
2,300.0	2,300.0	2,293.1	2,289.0	5.1	5.2	68.47	68.47	37.1	94.0	101.6	91.6	10.05	10.114	
2,400.0	2,400.0	2,392.5	2,387.8	5.3	5.5	67.92	67.92	42.0	103.6	112.5	102.0	10.50	10.716	
2,500.0	2,500.0	2,491.9	2,486.6	5.5	5.7	67.47	67.47	47.0	113.3	123.4	112.4	10.95	11.267	
2,600.0	2,600.0	2,591.4	2,585.5	5.7	6.0	55.89	55.89	52.0	122.9	133.3	121.9	11.38	11.707	
2,700.0	2,699.8	2,691.0	2,684.5	6.0	6.3	57.14	57.14	56.9	132.6	141.2	129.4	11.83	11.940	
2,800.0	2,799.5	2,790.6	2,783.5	6.2	6.6	59.42	59.42	61.9	142.2	147.5	135.2	12.28	12.016	
2,843.5	2,842.6	2,833.9	2,826.5	6.3	6.7	60.72	60.72	64.1	146.4	149.8	137.3	12.47	12.008	
2,900.0	2,898.8	2,890.1	2,882.5	6.4	6.8	62.54	62.54	66.9	151.9	152.6	139.9	12.74	11.985	
3,000.0	2,998.1	2,989.6	2,981.4	6.6	7.1	65.58	65.58	71.8	161.6	158.1	144.9	13.21	11.966	
3,100.0	3,097.3	3,089.1	3,080.3	6.9	7.4	68.42	68.42	76.8	171.2	163.9	150.2	13.70	11.970	
3,200.0	3,196.6	3,188.6	3,179.2	7.1	7.7	71.06	71.06	81.8	180.9	170.2	156.0	14.19	11.991	
3,300.0	3,295.9	3,288.2	3,278.1	7.4	8.0	73.51	73.51	86.7	190.5	176.7	162.0	14.70	12.025	
3,400.0	3,395.2	3,387.7	3,377.0	7.6	8.3	75.78	75.78	91.7	200.2	183.6	168.4	15.21	12.070	
3,500.0	3,494.5	3,487.2	3,476.0	7.9	8.6	77.89	77.89	96.7	209.8	190.7	175.0	15.73	12.123	
3,600.0	3,593.7	3,586.7	3,574.9	8.2	8.8	79.84	79.84	101.6	219.5	198.1	181.8	16.26	12.181	
3,700.0	3,693.0	3,686.2	3,673.8	8.4	9.1	81.65	81.65	106.6	229.1	205.7	188.9	16.80	12.244	
3,800.0	3,792.3	3,785.7	3,772.7	8.7	9.4	83.33	83.33	111.6	238.8	213.4	196.1	17.34	12.309	
3,865.5	3,857.4	3,850.9	3,837.5	8.9	9.6	84.36	84.36	114.8	245.1	218.6	200.9	17.70	12.354	
3,900.0	3,891.6	3,885.2	3,871.6	9.0	9.7	84.89	84.89	116.5	248.4	221.4	203.5	17.87	12.385	
4,000.0	3,991.2	3,984.8	3,970.6	9.2	10.0	85.78	85.78	121.5	258.1	229.7	211.3	18.35	12.518	
4,100.0	4,091.0	4,084.5	4,069.7	9.4	10.3	85.78	85.78	126.5	267.8	238.2	219.5	18.79	12.679	
4,209.0	4,200.0	4,192.9	4,177.5	9.6	10.6	96.54	96.54	131.9	278.3	247.9	228.7	19.24	12.884	
4,300.0	4,291.0	4,283.4	4,267.4	9.7	10.9	95.30	95.30	136.4	287.1	256.2	236.6	19.62	13.063	
4,400.0	4,391.0	4,382.8	4,366.2	9.9	11.2	94.04	94.04	141.4	296.7	265.5	245.5	20.05	13.243	
4,500.0	4,491.0	4,482.2	4,465.0	10.2	11.5	92.86	92.86	146.3	306.4	274.9	254.4	20.48	13.422	
4,600.0	4,591.0	4,581.6	4,563.8	10.4	11.8	91.76	91.76	151.3	316.0	284.4	263.5	20.92	13.597	
4,700.0	4,691.0	4,688.5	4,670.3	10.6	12.1	90.77	90.77	156.1	325.3	293.1	271.7	21.35	13.726	
4,800.0	4,791.0	4,798.4	4,779.9	10.8	12.3	90.16	90.16	159.2	331.3	298.5	276.7	21.76	13.717	

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler B-26CHZ - Wellbore #1 - Plan #2 (8-08-13)													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)	Reference	Offset	Semi Major Axis	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	Warning
4,900.0	4,891.0	4,908.6	4,890.1	11.0	12.5	89.94	89.94	160.3	333.5	300.5	278.3	22.17	13.557	
5,000.0	4,991.0	5,009.5	4,991.0	11.2	12.6	89.94	89.94	160.3	333.5	300.5	277.9	22.57	13.313	
5,100.0	5,091.0	5,109.5	5,091.0	11.4	12.8	89.94	89.94	160.3	333.5	300.5	277.5	23.00	13.068	
5,200.0	5,191.0	5,209.5	5,191.0	11.7	13.0	89.94	89.94	160.3	333.5	300.5	277.1	23.42	12.832	
5,300.0	5,291.0	5,309.5	5,291.0	11.9	13.2	89.94	89.94	160.3	333.5	300.5	276.7	23.84	12.604	
5,400.0	5,391.0	5,409.5	5,391.0	12.1	13.4	89.94	89.94	160.3	333.5	300.5	276.2	24.27	12.384	
5,500.0	5,491.0	5,509.5	5,491.0	12.3	13.6	89.94	89.94	160.3	333.5	300.5	275.8	24.69	12.170	
5,600.0	5,591.0	5,609.5	5,591.0	12.5	13.8	89.94	89.94	160.3	333.5	300.5	275.4	25.12	11.963	
5,700.0	5,691.0	5,709.5	5,691.0	12.8	14.0	89.94	89.94	160.3	333.5	300.5	275.0	25.55	11.763	
5,800.0	5,791.0	5,809.5	5,791.0	13.0	14.2	89.94	89.94	160.3	333.5	300.5	274.5	25.97	11.569	
5,900.0	5,891.0	5,909.5	5,891.0	13.2	14.4	89.94	89.94	160.3	333.5	300.5	274.1	26.40	11.382	
6,000.0	5,991.0	6,009.5	5,991.0	13.4	14.6	89.94	89.94	160.3	333.5	300.5	273.7	26.83	11.199	
6,100.0	6,091.0	6,109.5	6,091.0	13.6	14.8	89.94	89.94	160.3	333.5	300.5	273.2	27.26	11.023	
6,200.0	6,191.0	6,209.5	6,191.0	13.8	15.0	89.94	89.94	160.3	333.5	300.5	272.8	27.69	10.851	
6,300.0	6,291.0	6,309.5	6,291.0	14.1	15.2	89.94	89.94	160.3	333.5	300.5	272.4	28.12	10.685	
6,400.0	6,391.0	6,409.5	6,391.0	14.3	15.4	89.94	89.94	160.3	333.5	300.5	272.0	28.56	10.523	
6,500.0	6,491.0	6,509.5	6,491.0	14.5	15.6	89.94	89.94	160.3	333.5	300.5	271.5	28.99	10.366	
6,536.8	6,527.8	6,546.3	6,527.8	14.6	15.6	89.94	89.94	160.3	333.5	300.5	271.4	29.15	10.310	
6,550.0	6,541.0	6,559.5	6,541.0	14.6	15.7	-89.76	-89.76	160.3	333.5	300.5	271.3	29.20	10.293	
6,581.6	6,572.6	6,591.1	6,572.6	14.7	15.7	-90.00	-90.00	160.3	333.5	300.5	271.2	29.31	10.254	
6,600.0	6,590.9	6,609.4	6,590.9	14.7	15.8	-90.26	-90.26	160.3	333.5	300.5	271.1	29.37	10.233	
6,650.0	6,640.5	6,659.1	6,640.5	14.7	15.9	-91.42	-91.42	160.3	333.5	300.6	271.1	29.52	10.184	
6,700.0	6,689.6	6,708.3	6,689.8	14.8	16.0	-93.18	-93.18	160.3	333.5	301.0	271.4	29.64	10.155	
6,750.0	6,737.9	6,758.7	6,740.2	14.9	16.0	-95.17	-95.17	157.9	333.5	301.8	272.1	29.73	10.151	
6,800.0	6,785.1	6,809.9	6,791.0	14.9	16.1	-97.14	-97.14	151.9	333.6	303.0	273.2	29.80	10.168	
6,850.0	6,831.1	6,862.0	6,842.1	14.9	16.2	-99.07	-99.07	142.1	333.6	304.5	274.6	29.84	10.202	
6,900.0	6,875.6	6,914.9	6,893.2	15.0	16.2	-100.96	-100.96	128.4	333.7	306.3	276.5	29.88	10.253	
6,950.0	6,918.5	6,968.7	6,944.0	15.1	16.3	-102.79	-102.79	110.6	333.8	308.5	278.6	29.90	10.317	
7,000.0	6,959.4	7,023.5	6,994.1	15.1	16.3	-104.56	-104.56	88.6	333.9	310.8	280.9	29.92	10.390	
7,050.0	6,998.2	7,079.1	7,043.2	15.2	16.4	-106.24	-106.24	62.5	334.1	313.4	283.5	29.93	10.470	
7,100.0	7,034.7	7,135.7	7,090.8	15.3	16.4	-107.83	-107.83	32.0	334.2	316.1	286.2	29.96	10.551	
7,150.0	7,068.8	7,193.1	7,136.6	15.4	16.5	-109.31	-109.31	-2.7	334.4	318.9	288.9	30.01	10.626	
7,200.0	7,100.2	7,251.5	7,180.2	15.6	16.6	-110.69	-110.69	-41.5	334.6	321.7	291.6	30.09	10.691	
7,250.0	7,128.8	7,310.8	7,221.0	15.8	16.7	-111.95	-111.95	-84.5	334.9	324.4	294.2	30.22	10.735	
7,300.0	7,154.5	7,370.9	7,258.6	16.0	16.8	-113.09	-113.09	-131.3	335.1	327.1	296.6	30.42	10.753	
7,350.0	7,177.2	7,431.8	7,292.6	16.3	17.0	-114.10	-114.10	-181.8	335.4	329.5	298.8	30.68	10.739	
7,400.0	7,196.7	7,493.3	7,322.4	16.7	17.3	-114.97	-114.97	-235.7	335.7	331.7	300.7	31.04	10.686	
7,450.0	7,212.9	7,555.6	7,347.8	17.1	17.6	-115.69	-115.69	-292.5	336.0	333.6	302.1	31.50	10.590	
7,500.0	7,225.8	7,618.3	7,368.3	17.5	18.0	-116.28	-116.28	-351.7	336.4	335.2	303.1	32.08	10.449	
7,550.0	7,235.3	7,681.5	7,383.6	17.9	18.5	-116.71	-116.71	-413.0	336.7	336.4	303.6	32.77	10.264	
7,600.0	7,241.3	7,744.9	7,393.5	18.4	19.1	-117.00	-117.00	-475.7	337.0	337.2	303.6	33.59	10.040	
7,650.0	7,243.9	7,808.6	7,397.8	19.0	19.8	-117.13	-117.13	-539.1	337.4	337.6	303.0	34.52	9.780	
7,661.8	7,244.0	7,823.6	7,398.0	19.1	19.9	-117.14	-117.14	-554.1	337.5	337.6	302.8	34.75	9.714	
7,700.0	7,244.0	7,862.2	7,398.0	19.5	20.3	-117.14	-117.14	-592.7	337.7	337.6	302.1	35.53	9.501	
7,800.0	7,244.0	7,962.2	7,398.0	20.8	21.5	-117.14	-117.14	-692.7	338.3	337.6	299.9	37.69	8.956	
7,900.0	7,244.0	8,062.2	7,398.0	22.1	22.8	-117.14	-117.14	-792.7	338.8	337.6	297.5	40.04	8.431	
8,000.0	7,244.0	8,162.2	7,398.0	23.5	24.2	-117.14	-117.14	-892.7	339.4	337.6	295.0	42.54	7.935	
8,100.0	7,244.0	8,262.2	7,398.0	25.0	25.6	-117.14	-117.14	-992.7	339.9	337.5	292.4	45.17	7.472	
8,200.0	7,244.0	8,362.2	7,398.0	26.5	27.1	-117.15	-117.15	-1,092.7	340.5	337.5	289.6	47.92	7.044	
8,300.0	7,244.0	8,462.2	7,398.0	28.1	28.6	-117.15	-117.15	-1,192.7	341.0	337.5	286.8	50.75	6.651	
8,400.0	7,244.0	8,562.2	7,398.0	29.7	30.2	-117.15	-117.15	-1,292.7	341.6	337.5	283.8	53.66	6.289	

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

Offset Design													Offset Site Error:	
Survey Program: 0-MWD													Offset Well Error:	
Reference				Offset			Semi Major Axis		Distance				Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,500.0	7,244.0	8,662.2	7,398.0	31.3	31.8	-117.15	-1,392.7	342.1	337.5	280.9	56.64	5.958		
8,600.0	7,244.0	8,762.2	7,398.0	33.0	33.5	-117.15	-1,492.7	342.7	337.5	277.8	59.68	5.655		
8,700.0	7,244.0	8,862.2	7,398.0	34.7	35.2	-117.15	-1,592.7	343.3	337.5	274.7	62.76	5.378		
8,800.0	7,244.0	8,962.2	7,398.0	36.5	36.9	-117.15	-1,692.7	343.8	337.5	271.6	65.88	5.123		
8,900.0	7,244.0	9,062.2	7,398.0	38.2	38.6	-117.15	-1,792.7	344.4	337.5	268.4	69.04	4.888		
9,000.0	7,244.0	9,162.2	7,398.0	40.0	40.4	-117.15	-1,892.7	344.9	337.4	265.2	72.22	4.672		
9,100.0	7,244.0	9,262.2	7,398.0	41.8	42.1	-117.15	-1,992.7	345.5	337.4	262.0	75.44	4.473		
9,200.0	7,244.0	9,362.2	7,398.0	43.5	43.9	-117.16	-2,092.7	346.0	337.4	258.7	78.68	4.289		
9,300.0	7,244.0	9,462.2	7,398.0	45.3	45.7	-117.16	-2,192.7	346.6	337.4	255.5	81.94	4.118		
9,400.0	7,244.0	9,562.2	7,398.0	47.2	47.5	-117.16	-2,292.7	347.2	337.4	252.2	85.21	3.959		
9,500.0	7,244.0	9,662.2	7,398.0	49.0	49.3	-117.16	-2,392.7	347.7	337.4	248.9	88.51	3.812		
9,600.0	7,244.0	9,762.2	7,398.0	50.8	51.1	-117.16	-2,492.7	348.3	337.4	245.6	91.82	3.675		
9,700.0	7,244.0	9,862.2	7,398.0	52.6	52.9	-117.16	-2,592.7	348.8	337.4	242.2	95.14	3.546		
9,800.0	7,244.0	9,962.2	7,398.0	54.5	54.8	-117.16	-2,692.7	349.4	337.4	238.9	98.47	3.426		
9,900.0	7,244.0	10,062.2	7,398.0	56.3	56.6	-117.16	-2,792.7	349.9	337.3	235.5	101.81	3.313		
10,000.0	7,244.0	10,162.2	7,398.0	58.2	58.5	-117.16	-2,892.7	350.5	337.3	232.2	105.17	3.208		
10,100.0	7,244.0	10,262.2	7,398.0	60.0	60.3	-117.16	-2,992.7	351.0	337.3	228.8	108.53	3.108		
10,200.0	7,244.0	10,362.2	7,398.0	61.9	62.2	-117.16	-3,092.7	351.6	337.3	225.4	111.90	3.015		
10,300.0	7,244.0	10,462.2	7,398.0	63.8	64.0	-117.17	-3,192.7	352.2	337.3	222.0	115.27	2.926		
10,400.0	7,244.0	10,562.2	7,398.0	65.6	65.9	-117.17	-3,292.7	352.7	337.3	218.6	118.66	2.843		
10,500.0	7,244.0	10,662.2	7,398.0	67.5	67.7	-117.17	-3,392.7	353.3	337.3	215.2	122.04	2.764		
10,600.0	7,244.0	10,762.2	7,398.0	69.4	69.6	-117.17	-3,492.7	353.8	337.3	211.8	125.44	2.689		
10,700.0	7,244.0	10,862.2	7,398.0	71.3	71.5	-117.17	-3,592.7	354.4	337.3	208.4	128.84	2.618		
10,800.0	7,244.0	10,962.2	7,398.0	73.2	73.4	-117.17	-3,692.7	354.9	337.2	205.0	132.24	2.550		
10,900.0	7,244.0	11,062.2	7,398.0	75.0	75.2	-117.17	-3,792.7	355.5	337.2	201.6	135.65	2.486		
11,000.0	7,244.0	11,162.2	7,398.0	76.9	77.1	-117.17	-3,892.7	356.0	337.2	198.2	139.06	2.425		
11,100.0	7,244.0	11,262.2	7,398.0	78.8	79.0	-117.17	-3,992.7	356.6	337.2	194.7	142.48	2.367		
11,200.0	7,244.0	11,362.2	7,398.0	80.7	80.9	-117.17	-4,092.7	357.2	337.2	191.3	145.90	2.311		
11,300.0	7,244.0	11,462.2	7,398.0	82.6	82.8	-117.18	-4,192.7	357.7	337.2	187.9	149.32	2.258		
11,400.0	7,244.0	11,562.2	7,398.0	84.5	84.6	-117.18	-4,292.7	358.3	337.2	184.4	152.75	2.207		
11,500.0	7,244.0	11,662.2	7,398.0	86.4	86.5	-117.18	-4,392.7	358.8	337.2	181.0	156.18	2.159		
11,600.0	7,244.0	11,762.2	7,398.0	88.3	88.4	-117.18	-4,492.7	359.4	337.2	177.6	159.61	2.112		
11,700.0	7,244.0	11,862.2	7,398.0	90.2	90.3	-117.18	-4,592.7	359.9	337.1	174.1	163.04	2.068		
11,738.3	7,244.0	11,900.5	7,398.0	90.9	91.0	-117.18	-4,631.0	360.2	337.1	172.8	164.36	2.051		
11,750.8	7,244.0	11,910.3	7,398.0	91.1	91.2	-117.18	-4,640.8	360.2	337.2	172.4	164.74	2.047 SF		



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Leffler 13-26NHZ
<b>Project:</b>	SEC.26-T7N-R66W	<b>TVD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Reference Site:</b>	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	<b>MD Reference:</b>	WELL @ 4912.0ft (RKB-12')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Leffler 13-26NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (8-08-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler P-26NHZ - Wellbore #1 - Plan #3 (8-08-13)													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)	Reference	Offset	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	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	89.11	1.7	112.5	112.6					
100.0	100.0	100.0	100.0	0.1	0.1	89.11	1.7	112.5	112.6	112.3	0.22	500.785		
200.0	200.0	200.0	200.0	0.3	0.3	89.11	1.7	112.5	112.6	111.9	0.67	166.928 CC, ES		
300.0	300.0	296.2	296.2	0.6	0.5	89.04	1.9	114.2	114.2	113.1	1.11	103.109		
400.0	400.0	392.2	392.0	0.8	0.8	88.83	2.4	119.0	119.2	117.7	1.55	77.003		
500.0	500.0	487.7	487.2	1.0	1.0	88.52	3.3	126.9	127.6	125.6	2.00	63.886		
600.0	600.0	582.6	581.5	1.2	1.3	88.15	4.5	137.9	139.2	136.8	2.45	56.800		
700.0	700.0	676.7	674.5	1.5	1.6	87.76	5.9	151.9	154.1	151.2	2.91	52.949		
800.0	800.0	769.8	766.0	1.7	1.9	87.38	7.7	168.7	172.3	168.9	3.38	51.038		
900.0	900.0	861.6	855.8	1.9	2.3	87.02	9.8	188.2	193.6	189.7	3.85	50.337 SF		
1,000.0	1,000.0	952.1	943.5	2.1	2.7	86.69	12.2	210.2	218.0	213.6	4.32	50.433		
1,100.0	1,100.0	1,046.4	1,034.4	2.4	3.2	86.39	14.8	235.2	244.6	239.8	4.81	50.841		
1,200.0	1,200.0	1,142.8	1,127.2	2.6	3.8	86.15	17.6	260.9	271.5	266.2	5.30	51.223		
1,300.0	1,300.0	1,239.1	1,220.0	2.8	4.3	85.95	20.3	286.6	298.3	292.5	5.79	51.492		
1,400.0	1,400.0	1,335.4	1,312.8	3.0	4.8	85.78	23.0	312.4	325.1	318.8	6.29	51.684		
1,500.0	1,500.0	1,431.7	1,405.6	3.3	5.4	85.64	25.8	338.1	352.0	345.2	6.79	51.824		
1,600.0	1,600.0	1,528.1	1,498.3	3.5	5.9	85.52	28.5	363.8	378.8	371.5	7.29	51.926		
1,700.0	1,700.0	1,624.4	1,591.1	3.7	6.5	85.41	31.3	389.5	405.6	397.8	7.80	52.002		
1,800.0	1,800.0	1,720.7	1,683.9	3.9	7.0	85.32	34.0	415.2	432.5	424.2	8.31	52.057		
1,900.0	1,900.0	1,817.1	1,776.7	4.2	7.5	85.24	36.8	440.9	459.3	450.5	8.82	52.099		
2,000.0	2,000.0	1,913.4	1,869.5	4.4	8.1	85.16	39.5	466.6	486.1	476.8	9.33	52.129		
2,100.0	2,100.0	2,009.7	1,962.3	4.6	8.6	85.10	42.2	492.4	513.0	503.1	9.84	52.151		
2,200.0	2,200.0	2,106.0	2,055.1	4.8	9.2	85.04	45.0	518.1	539.8	529.5	10.35	52.167		
2,300.0	2,300.0	2,202.4	2,147.9	5.1	9.7	84.99	47.7	543.8	566.7	555.8	10.86	52.178		
2,400.0	2,400.0	2,298.7	2,240.7	5.3	10.3	84.94	50.5	569.5	593.5	582.1	11.37	52.185		
2,500.0	2,500.0	2,395.0	2,333.5	5.5	10.8	84.89	53.2	595.2	620.4	608.5	11.89	52.189		
2,600.0	2,600.0	2,491.5	2,426.4	5.7	11.4	72.83	55.9	621.0	646.7	634.6	12.12	53.375		
2,700.0	2,699.8	2,588.1	2,519.5	6.0	11.9	72.73	58.7	646.8	672.1	659.5	12.62	53.247		
2,800.0	2,799.5	2,684.8	2,612.6	6.2	12.5	72.90	61.4	672.6	696.5	683.4	13.13	53.055		
2,843.5	2,842.6	2,726.8	2,653.0	6.3	12.7	73.05	62.6	683.8	706.8	693.5	13.35	52.951		
2,900.0	2,898.8	2,781.4	2,705.7	6.4	13.0	73.53	64.2	698.4	720.2	706.6	13.63	52.830		
3,000.0	2,998.1	2,878.0	2,798.7	6.6	13.6	74.33	66.9	724.1	744.0	729.8	14.14	52.606		
3,100.0	3,097.3	2,974.6	2,891.8	6.9	14.2	75.09	69.7	749.9	767.9	753.2	14.66	52.374		
3,200.0	3,196.6	3,071.2	2,984.9	7.1	14.7	75.80	72.4	775.7	791.9	776.7	15.19	52.135		
3,300.0	3,295.9	3,167.9	3,078.0	7.4	15.3	76.47	75.2	801.5	816.0	800.3	15.72	51.893		
3,400.0	3,395.2	3,264.5	3,171.0	7.6	15.8	77.10	77.9	827.3	840.2	823.9	16.27	51.650		
3,500.0	3,494.5	3,361.1	3,264.1	7.9	16.4	77.69	80.7	853.1	864.5	847.7	16.82	51.406		
3,600.0	3,593.7	3,457.7	3,357.2	8.2	16.9	78.26	83.4	878.9	888.9	871.5	17.37	51.165		
3,700.0	3,693.0	3,554.3	3,450.2	8.4	17.5	78.79	86.2	904.7	913.4	895.4	17.94	50.926		
3,800.0	3,792.3	3,650.9	3,543.3	8.7	18.0	79.30	88.9	930.5	937.9	919.4	18.50	50.691		
3,865.5	3,857.4	3,714.3	3,604.3	8.9	18.4	79.61	90.7	947.4	954.0	935.1	18.88	50.539		
3,900.0	3,891.6	3,747.6	3,636.4	9.0	18.6	79.94	91.7	956.3	962.5	943.5	19.07	50.481		
4,000.0	3,991.2	3,844.2	3,729.5	9.2	19.1	80.73	94.4	982.1	987.7	968.1	19.58	50.433		

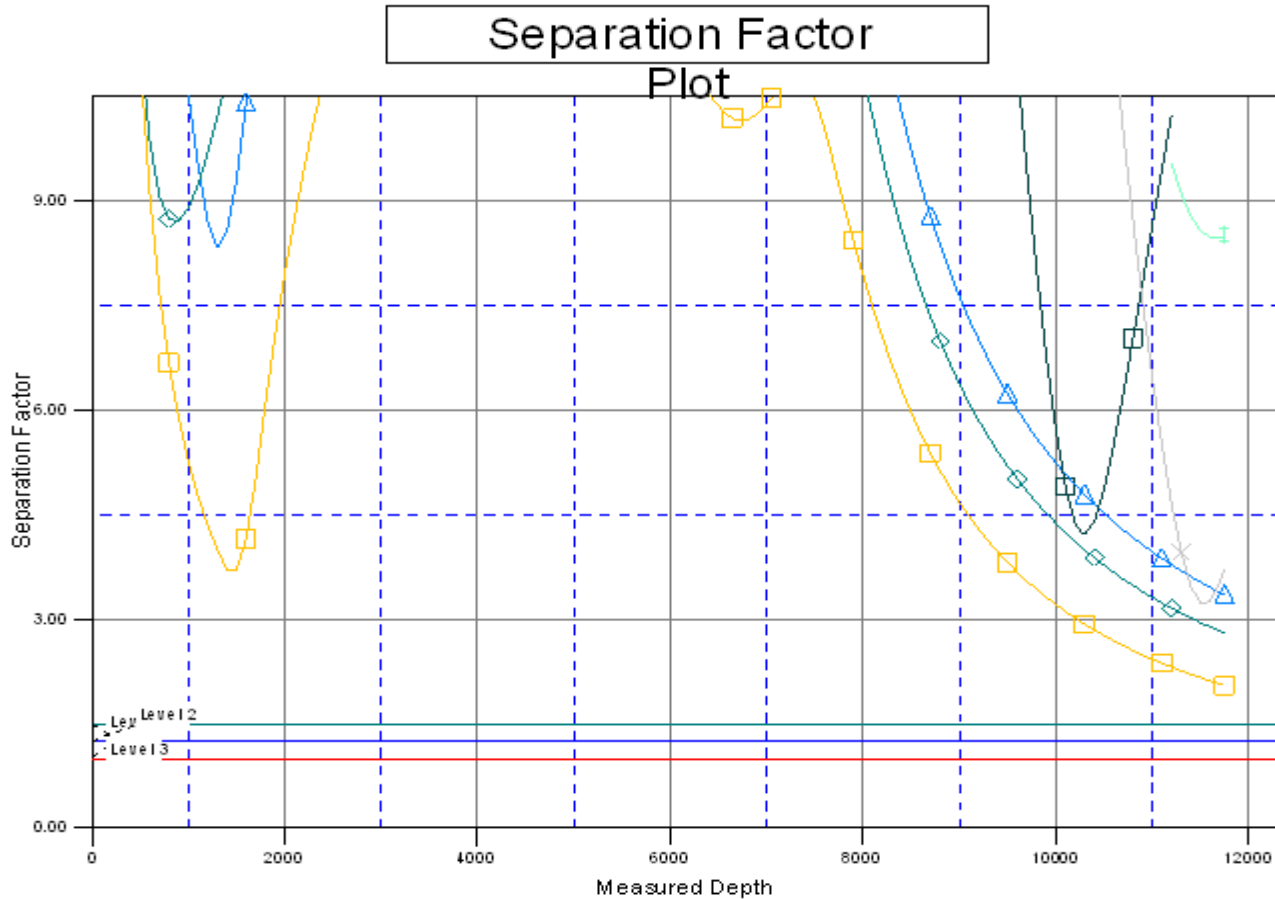


Reference Depths are relative to WELL @ 4912.0ft (RKB-12')	Coordinates are relative to: SRC Leffler 13-26NHZ
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000 °	Grid Convergence at Surface is: 0.48°











Reference Depths are relative to WELL @ 4912.0ft (RKB-12')  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000 °

Coordinates are relative to: SRC Leffler 13-26NHZ  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.48°



### LEGEND

P-26NHZ, Wellbore #1, Plan #3 (8-08-13) V0		SRC Leffler 24-26NHZ, Wellbore #1, Plan #2 (8-08-13) V0		SRC Leffler 14-26D, Wellbore #1, Wellbore #1 V0	
23-26NHZ, Wellbore #1, Plan #2 (8-08-13) V0		SRC Leffler 14-26NHZ, Wellbore #1, Plan #2 (8-08-13) V0		SRC Leffler 23-26D, Wellbore #1, Wellbore #1 V0	
B-26CHZ, Wellbore #1, Plan #2 (8-08-13) V0		SRC Leffler 13-26D, Wellbore #1, Wellbore #1 V0		SRC Leffler 24-26D, Wellbore #1, Wellbore #1 V0	