

Synergy Resources

Well Name: **SRC Leffler B-26CHZ**

Surface Location: SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

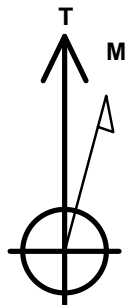
Ground Elevation: 4900.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1445115.64	3208231.27	40.552827	-104.750641	

RKB-15' WELL @ 4912.0ft (RKB-15')

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape Point
SHL 210'FNL & 1009'FWL	1.0	0.0	0.0	Point
BHL 460'FSL & 1320'FWL	7398.0	-4641.1	337.7	Point



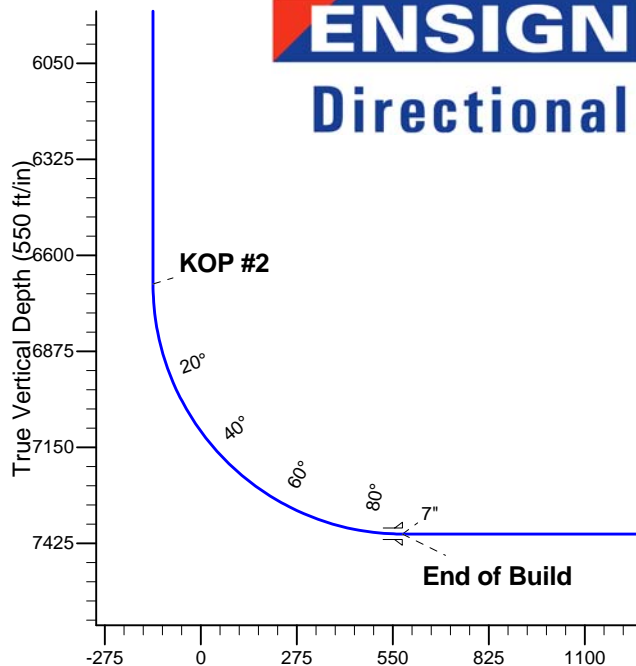
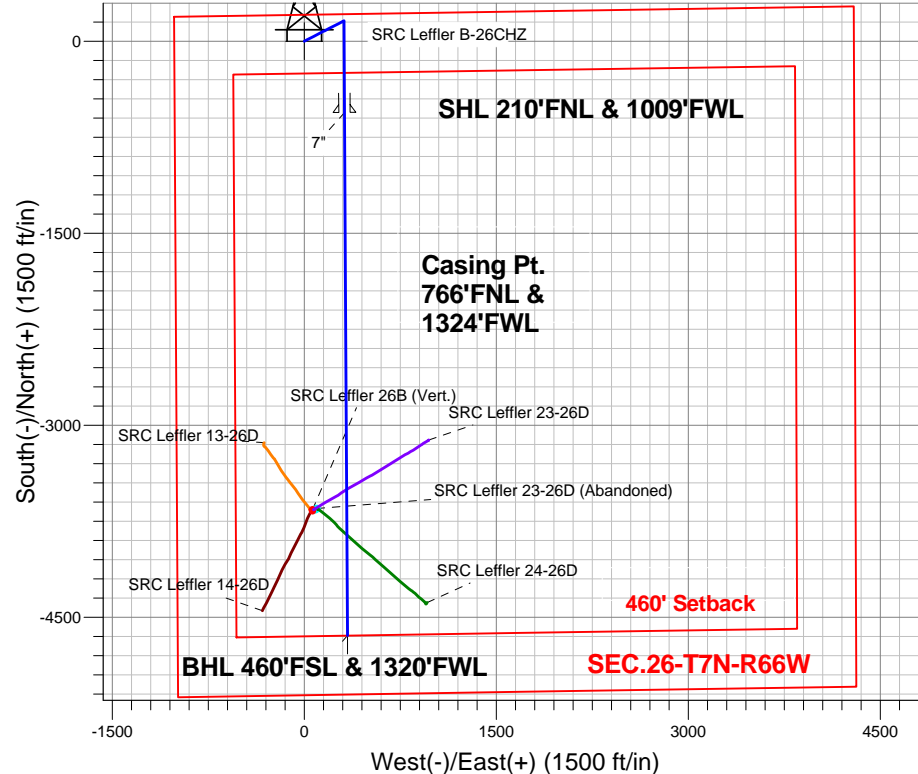
Azimuths to True North
Magnetic North: 8.58°

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 B-26CHZ
Plan #2 (8-08-13)
13:45, August 14 2013

ANNOTATIONS

TVD	MD	Annotation
1400.0	1400.0	KOP #1
6681.8	6700.3	KOP #2
7398.0	7825.3	End of Build



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	1400.0	0.00	0.00	1400.0	0.0	0.0	0.00	0.00	0.0	
3	1713.2	6.26	62.78	1712.6	7.8	15.2	2.00	62.78	-6.7	
4	4605.3	6.26	62.78	4587.4	152.2	295.8	0.00	0.00	-130.3	
5	4918.5	0.00	0.00	4900.0	160.0	311.0	2.00	180.00	-137.0	
6	6700.3	0.00	0.00	6681.8	160.0	311.0	0.00	0.00	-137.0	
7	7825.3	90.00	179.68	7398.0	-556.2	315.0	8.00	179.68	577.6	
8	11910.3	90.00	179.68	7398.0	-4641.1	337.7	0.00	0.00	4653.4	BHL 460'FSL & 1320'FWL

BHL 460'FSL & 1320'FWL

Vertical Section at 175.84° (550 ft/in)



Synergy Resources

SEC.26-T7N-R66W

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

SRC Leffler B-26CHZ

Wellbore #1

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

Standard Planning Report

14 August, 2013

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Project:	SEC.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site:	SRC Leffler 14-26NHZ Pad	North Reference:	True
	Sec.26-T7N-R66W		
Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (8-08-13)		

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 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 B-26CHZ					
Well Position	+N/-S	-19.3 ft	Northing:	1,445,115.64 ft	Latitude:	40.552827
	+E/-W	45.0 ft	Easting:	3,208,231.27 ft	Longitude:	-104.750641
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,900.0 ft

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

Design	Plan #2 (8-08-13)			
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	175.84

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	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,713.2	6.26	62.78	1,712.6	7.8	15.2	2.00	2.00	0.00	62.78	
4,605.3	6.26	62.78	4,587.4	152.2	295.8	0.00	0.00	0.00	0.00	
4,918.5	0.00	0.00	4,900.0	160.0	311.0	2.00	-2.00	0.00	180.00	
6,700.3	0.00	0.00	6,681.8	160.0	311.0	0.00	0.00	0.00	0.00	
7,825.3	90.00	179.68	7,398.0	-556.2	315.0	8.00	8.00	0.00	179.68	
11,910.3	90.00	179.68	7,398.0	-4,641.1	337.7	0.00	0.00	0.00	0.00	BHL 460'FSL & 132

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Project:	SEC.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site:	SRC Leffler 14-26NHZ Pad	North Reference:	True
	Sec.26-T7N-R66W		
Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	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 & 1009'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
KOP #1									
1,500.0	2.00	62.78	1,500.0	0.8	1.6	-0.7	2.00	2.00	0.00
1,600.0	4.00	62.78	1,599.8	3.2	6.2	-2.7	2.00	2.00	0.00
1,700.0	6.00	62.78	1,699.5	7.2	14.0	-6.1	2.00	2.00	0.00
1,713.2	6.26	62.78	1,712.6	7.8	15.2	-6.7	2.00	2.00	0.00
1,800.0	6.26	62.78	1,798.9	12.2	23.6	-10.4	0.00	0.00	0.00
1,900.0	6.26	62.78	1,898.3	17.1	33.3	-14.7	0.00	0.00	0.00
2,000.0	6.26	62.78	1,997.7	22.1	43.0	-19.0	0.00	0.00	0.00
2,100.0	6.26	62.78	2,097.1	27.1	52.7	-23.2	0.00	0.00	0.00
2,200.0	6.26	62.78	2,196.5	32.1	62.4	-27.5	0.00	0.00	0.00
2,300.0	6.26	62.78	2,295.9	37.1	72.1	-31.8	0.00	0.00	0.00
2,400.0	6.26	62.78	2,395.3	42.1	81.8	-36.1	0.00	0.00	0.00
2,500.0	6.26	62.78	2,494.7	47.1	91.5	-40.3	0.00	0.00	0.00
2,600.0	6.26	62.78	2,594.1	52.1	101.2	-44.6	0.00	0.00	0.00
2,700.0	6.26	62.78	2,693.5	57.1	110.9	-48.9	0.00	0.00	0.00
2,800.0	6.26	62.78	2,792.9	62.1	120.6	-53.1	0.00	0.00	0.00
2,900.0	6.26	62.78	2,892.3	67.1	130.3	-57.4	0.00	0.00	0.00
3,000.0	6.26	62.78	2,991.7	72.1	140.0	-61.7	0.00	0.00	0.00
3,100.0	6.26	62.78	3,091.1	77.0	149.8	-66.0	0.00	0.00	0.00
3,200.0	6.26	62.78	3,190.5	82.0	159.5	-70.2	0.00	0.00	0.00
3,300.0	6.26	62.78	3,289.9	87.0	169.2	-74.5	0.00	0.00	0.00
3,400.0	6.26	62.78	3,389.3	92.0	178.9	-78.8	0.00	0.00	0.00
3,500.0	6.26	62.78	3,488.7	97.0	188.6	-83.1	0.00	0.00	0.00
3,600.0	6.26	62.78	3,588.1	102.0	198.3	-87.3	0.00	0.00	0.00
3,700.0	6.26	62.78	3,687.5	107.0	208.0	-91.6	0.00	0.00	0.00
3,800.0	6.26	62.78	3,786.9	112.0	217.7	-95.9	0.00	0.00	0.00
3,900.0	6.26	62.78	3,886.3	117.0	227.4	-100.2	0.00	0.00	0.00
4,000.0	6.26	62.78	3,985.7	122.0	237.1	-104.4	0.00	0.00	0.00
4,100.0	6.26	62.78	4,085.1	127.0	246.8	-108.7	0.00	0.00	0.00
4,200.0	6.26	62.78	4,184.5	131.9	256.5	-113.0	0.00	0.00	0.00
4,300.0	6.26	62.78	4,283.9	136.9	266.2	-117.3	0.00	0.00	0.00
4,400.0	6.26	62.78	4,383.3	141.9	275.9	-121.5	0.00	0.00	0.00
4,500.0	6.26	62.78	4,482.7	146.9	285.6	-125.8	0.00	0.00	0.00
4,600.0	6.26	62.78	4,582.1	151.9	295.3	-130.1	0.00	0.00	0.00
4,605.3	6.26	62.78	4,587.4	152.2	295.8	-130.3	0.00	0.00	0.00
4,700.0	4.37	62.78	4,681.7	156.2	303.6	-133.7	2.00	-2.00	0.00

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Site:	SRC Leffler 14-26NHZ Pad	North Reference:	True
	Sec.26-T7N-R66W		
Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	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)
4,800.0	2.37	62.78	4,781.5	158.9	308.8	-136.0	2.00	-2.00	0.00
4,900.0	0.37	62.78	4,881.5	160.0	310.9	-137.0	2.00	-2.00	0.00
4,918.5	0.00	0.00	4,900.0	160.0	311.0	-137.0	2.00	-2.00	0.00
5,000.0	0.00	0.00	4,981.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,081.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,181.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,281.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,381.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,481.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,581.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,681.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,781.5	160.0	311.0	-137.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,881.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,981.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,081.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,181.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,281.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,381.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,481.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,581.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,681.5	160.0	311.0	-137.0	0.00	0.00	0.00
6,700.3	0.00	0.00	6,681.8	160.0	311.0	-137.0	0.00	0.00	0.00
KOP #2									
6,800.0	7.97	179.68	6,781.2	153.1	311.0	-130.1	8.00	8.00	0.00
6,900.0	15.97	179.68	6,878.9	132.3	311.2	-109.4	8.00	8.00	0.00
7,000.0	23.97	179.68	6,972.8	98.2	311.3	-75.4	8.00	8.00	0.00
7,100.0	31.97	179.68	7,061.1	51.3	311.6	-28.6	8.00	8.00	0.00
7,200.0	39.97	179.68	7,141.9	-7.4	311.9	30.0	8.00	8.00	0.00
7,300.0	47.97	179.68	7,213.8	-76.7	312.3	99.2	8.00	8.00	0.00
7,400.0	55.97	179.68	7,275.4	-155.4	312.8	177.7	8.00	8.00	0.00
7,500.0	63.97	179.68	7,325.4	-241.9	313.2	264.0	8.00	8.00	0.00
7,600.0	71.97	179.68	7,362.8	-334.6	313.8	356.5	8.00	8.00	0.00
7,700.0	79.97	179.68	7,387.1	-431.5	314.3	453.2	8.00	8.00	0.00
7,800.0	87.97	179.68	7,397.6	-530.9	314.8	552.3	8.00	8.00	0.00
7,825.3	90.00	179.68	7,398.0	-556.2	315.0	577.6	8.00	8.00	0.00
End of Build - 7"									
7,900.0	90.00	179.68	7,398.0	-630.9	315.4	652.1	0.00	0.00	0.00
8,000.0	90.00	179.68	7,398.0	-730.9	316.0	751.9	0.00	0.00	0.00
8,100.0	90.00	179.68	7,398.0	-830.9	316.5	851.6	0.00	0.00	0.00
8,200.0	90.00	179.68	7,398.0	-930.9	317.1	951.4	0.00	0.00	0.00
8,300.0	90.00	179.68	7,398.0	-1,030.9	317.6	1,051.2	0.00	0.00	0.00
8,400.0	90.00	179.68	7,398.0	-1,130.9	318.2	1,151.0	0.00	0.00	0.00
8,500.0	90.00	179.68	7,398.0	-1,230.9	318.7	1,250.7	0.00	0.00	0.00
8,600.0	90.00	179.68	7,398.0	-1,330.9	319.3	1,350.5	0.00	0.00	0.00
8,700.0	90.00	179.68	7,398.0	-1,430.9	319.8	1,450.3	0.00	0.00	0.00
8,800.0	90.00	179.68	7,398.0	-1,530.9	320.4	1,550.1	0.00	0.00	0.00
8,900.0	90.00	179.68	7,398.0	-1,630.9	321.0	1,649.8	0.00	0.00	0.00
9,000.0	90.00	179.68	7,398.0	-1,730.9	321.5	1,749.6	0.00	0.00	0.00
9,100.0	90.00	179.68	7,398.0	-1,830.9	322.1	1,849.4	0.00	0.00	0.00
9,200.0	90.00	179.68	7,398.0	-1,930.9	322.6	1,949.2	0.00	0.00	0.00
9,300.0	90.00	179.68	7,398.0	-2,030.8	323.2	2,048.9	0.00	0.00	0.00
9,400.0	90.00	179.68	7,398.0	-2,130.8	323.7	2,148.7	0.00	0.00	0.00
9,500.0	90.00	179.68	7,398.0	-2,230.8	324.3	2,248.5	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Project:	SEC.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site:	SRC Leffler 14-26NHZ Pad	North Reference:	True
	Sec.26-T7N-R66W		
Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	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)
9,600.0	90.00	179.68	7,398.0	-2,330.8	324.9	2,348.3	0.00	0.00	0.00
9,700.0	90.00	179.68	7,398.0	-2,430.8	325.4	2,448.0	0.00	0.00	0.00
9,800.0	90.00	179.68	7,398.0	-2,530.8	326.0	2,547.8	0.00	0.00	0.00
9,900.0	90.00	179.68	7,398.0	-2,630.8	326.5	2,647.6	0.00	0.00	0.00
10,000.0	90.00	179.68	7,398.0	-2,730.8	327.1	2,747.4	0.00	0.00	0.00
10,100.0	90.00	179.68	7,398.0	-2,830.8	327.6	2,847.1	0.00	0.00	0.00
10,200.0	90.00	179.68	7,398.0	-2,930.8	328.2	2,946.9	0.00	0.00	0.00
10,300.0	90.00	179.68	7,398.0	-3,030.8	328.7	3,046.7	0.00	0.00	0.00
10,400.0	90.00	179.68	7,398.0	-3,130.8	329.3	3,146.5	0.00	0.00	0.00
10,500.0	90.00	179.68	7,398.0	-3,230.8	329.9	3,246.3	0.00	0.00	0.00
10,600.0	90.00	179.68	7,398.0	-3,330.8	330.4	3,346.0	0.00	0.00	0.00
10,700.0	90.00	179.68	7,398.0	-3,430.8	331.0	3,445.8	0.00	0.00	0.00
10,800.0	90.00	179.68	7,398.0	-3,530.8	331.5	3,545.6	0.00	0.00	0.00
10,900.0	90.00	179.68	7,398.0	-3,630.8	332.1	3,645.4	0.00	0.00	0.00
11,000.0	90.00	179.68	7,398.0	-3,730.8	332.6	3,745.1	0.00	0.00	0.00
11,100.0	90.00	179.68	7,398.0	-3,830.8	333.2	3,844.9	0.00	0.00	0.00
11,200.0	90.00	179.68	7,398.0	-3,930.8	333.8	3,944.7	0.00	0.00	0.00
11,300.0	90.00	179.68	7,398.0	-4,030.8	334.3	4,044.5	0.00	0.00	0.00
11,400.0	90.00	179.68	7,398.0	-4,130.8	334.9	4,144.2	0.00	0.00	0.00
11,500.0	90.00	179.68	7,398.0	-4,230.8	335.4	4,244.0	0.00	0.00	0.00
11,600.0	90.00	179.68	7,398.0	-4,330.8	336.0	4,343.8	0.00	0.00	0.00
11,700.0	90.00	179.68	7,398.0	-4,430.8	336.5	4,443.6	0.00	0.00	0.00
11,800.0	90.00	179.68	7,398.0	-4,530.8	337.1	4,543.3	0.00	0.00	0.00
11,900.0	90.00	179.68	7,398.0	-4,630.8	337.6	4,643.1	0.00	0.00	0.00
11,910.3	90.00	179.68	7,398.0	-4,641.1	337.7	4,653.4	0.00	0.00	0.00
BHL 460'FSL & 1320'FWL									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,825.3	7,398.0	7"	7	7-1/2

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,400.0	1,400.0	0.0	0.0	KOP #1
6,700.3	6,681.8	160.0	311.0	KOP #2
7,825.3	7,398.0	-556.2	315.0	End of Build



Synergy Resources

SEC.26-T7N-R66W

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

SRC Leffler B-26CHZ

Wellbore #1

Plan #2 (8-08-13)

Anticollision Report

14 August, 2013

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 88-MWD												Offset Well Error:	0.0 ft
SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 13-26D - 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)			
10,000.0	7,398.0	7,444.6	7,413.6	55.5	19.0	93.96	-3,145.4	-315.4	765.9	692.6	73.27	10.453	
10,100.0	7,398.0	7,435.0	7,404.1	57.3	19.0	93.12	-3,146.2	-315.5	717.2	642.0	75.13	9.545	
10,200.0	7,398.0	7,425.1	7,394.3	59.2	19.0	92.24	-3,147.2	-315.6	679.6	602.6	76.99	8.827	
10,300.0	7,398.0	7,414.8	7,384.0	61.0	18.9	91.33	-3,148.1	-315.6	655.1	576.3	78.85	8.309	
10,400.0	7,398.0	7,404.1	7,373.4	62.9	18.9	90.39	-3,149.1	-315.7	645.3	564.6	80.69	7.997	
10,414.9	7,398.0	7,402.5	7,371.7	63.1	18.9	90.24	-3,149.3	-315.7	645.1	564.1	80.96	7.968 CC, ES	
10,500.0	7,398.0	7,392.9	7,362.3	64.7	18.9	89.40	-3,150.2	-315.7	650.6	568.1	82.51	7.885 SF	
10,600.0	7,398.0	7,381.3	7,350.7	66.6	18.9	88.37	-3,151.4	-315.7	670.9	586.5	84.31	7.957	
10,700.0	7,398.0	7,369.2	7,338.6	68.4	18.8	87.31	-3,152.6	-315.7	704.7	618.6	86.09	8.185	
10,800.0	7,398.0	7,356.6	7,326.1	70.3	18.8	86.19	-3,153.9	-315.7	750.2	662.4	87.84	8.540	
10,900.0	7,398.0	7,344.7	7,314.3	72.2	18.8	85.15	-3,155.1	-315.6	805.5	715.9	89.57	8.992	
11,000.0	7,398.0	7,333.9	7,303.5	74.1	18.7	84.20	-3,156.2	-315.4	868.6	777.3	91.29	9.515	
11,100.0	7,398.0	7,323.9	7,293.6	75.9	18.7	83.33	-3,157.1	-315.3	938.1	845.1	93.00	10.087	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 88-MWD												Offset Well Error:	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			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
11,000.0	7,398.0	7,308.2	7,254.9	74.1	21.3	79.90	-4,417.8	-310.0	947.7	854.8	92.97	10.194	
11,100.0	7,398.0	7,318.9	7,265.5	75.9	21.3	80.83	-4,419.0	-310.7	878.3	783.2	95.09	9.237	
11,200.0	7,398.0	7,329.9	7,276.5	77.8	21.3	81.78	-4,420.1	-311.4	815.1	717.9	97.20	8.386	
11,300.0	7,398.0	7,341.3	7,287.7	79.7	21.4	82.77	-4,421.3	-312.1	759.7	660.4	99.30	7.650	
11,400.0	7,398.0	7,352.4	7,298.8	81.6	21.4	83.74	-4,422.5	-312.8	713.9	612.5	101.39	7.041	
11,500.0	7,398.0	7,363.4	7,309.7	83.5	21.4	84.70	-4,423.6	-313.5	679.6	576.2	103.45	6.570	
11,600.0	7,398.0	7,374.2	7,320.4	85.4	21.5	85.64	-4,424.7	-314.1	658.7	553.2	105.50	6.244	
11,691.2	7,398.0	7,383.8	7,330.0	87.1	21.5	86.48	-4,425.7	-314.7	652.5	545.1	107.34	6.078 CC	
11,700.0	7,398.0	7,384.7	7,330.9	87.3	21.5	86.56	-4,425.8	-314.8	652.5	545.0	107.52	6.069 ES	
11,800.0	7,398.0	7,395.1	7,341.2	89.1	21.5	87.47	-4,426.8	-315.4	661.4	551.8	109.52	6.039 SF	
11,900.0	7,398.0	7,405.3	7,351.3	91.0	21.6	88.36	-4,427.8	-316.0	684.7	573.2	111.51	6.141	
11,910.3	7,398.0	7,406.4	7,352.4	91.2	21.6	88.45	-4,427.9	-316.1	687.9	576.2	111.71	6.158	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	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							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)						
9,700.0	7,398.0	7,459.6	7,368.0	50.0	24.3	-89.82	-3,115.3	973.0	942.3	873.3	68.95	13.667					
9,800.0	7,398.0	7,459.3	7,367.7	51.8	24.3	-89.80	-3,115.3	973.0	871.9	801.2	70.77	12.320					
9,900.0	7,398.0	7,459.0	7,367.4	53.6	24.3	-89.77	-3,115.3	973.0	807.9	735.3	72.61	11.126					
10,000.0	7,398.0	7,458.7	7,367.1	55.5	24.3	-89.74	-3,115.3	973.0	751.7	677.2	74.45	10.097					
10,100.0	7,398.0	7,458.4	7,366.8	57.3	24.3	-89.72	-3,115.3	973.0	705.3	629.0	76.30	9.244					
10,200.0	7,398.0	7,458.1	7,366.5	59.2	24.3	-89.69	-3,115.3	973.0	670.7	592.5	78.15	8.582					
10,300.0	7,398.0	7,457.8	7,366.2	61.0	24.3	-89.66	-3,115.3	973.0	649.8	569.8	80.01	8.122					
10,388.1	7,398.0	7,457.5	7,365.9	62.6	24.3	-89.64	-3,115.3	973.0	643.8	562.1	81.65	7.885 CC					
10,400.0	7,398.0	7,457.4	7,365.9	62.9	24.3	-89.63	-3,115.3	973.0	643.9	562.0	81.87	7.865 ES					
10,500.0	7,398.0	7,457.1	7,365.6	64.7	24.3	-89.61	-3,115.3	973.0	653.4	569.7	83.73	7.804 SF					
10,600.0	7,398.0	7,456.8	7,365.3	66.6	24.3	-89.58	-3,115.3	973.0	677.8	592.2	85.60	7.918					
10,700.0	7,398.0	7,456.5	7,364.9	68.4	24.3	-89.55	-3,115.3	973.0	715.4	627.9	87.47	8.178					
10,800.0	7,398.0	7,456.2	7,364.6	70.3	24.3	-89.52	-3,115.3	973.0	764.3	675.0	89.35	8.554					
10,900.0	7,398.0	7,455.8	7,364.3	72.2	24.3	-89.49	-3,115.3	973.0	822.5	731.3	91.22	9.017					
11,000.0	7,398.0	7,455.5	7,364.0	74.1	24.3	-89.46	-3,115.3	973.0	888.2	795.1	93.10	9.540					
11,100.0	7,398.0	7,455.2	7,363.6	75.9	24.3	-89.43	-3,115.3	973.0	959.9	864.9	94.98	10.105					

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 548-MWD												Offset Well Error:	0.0 ft
SRC Leffler 13-26D Pad Sec.26-T7N-R66W - SRC Leffler 24-26D - Wellbore #1 - Wellbore #1													
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
10,900.0	7,398.0	7,502.2	7,378.9	72.2	25.3	-90.73	-4,388.7	957.4	982.6	889.7	92.89	10.578	
11,000.0	7,398.0	7,499.8	7,376.5	74.1	25.3	-90.51	-4,388.8	957.4	907.3	812.5	94.78	9.573	
11,100.0	7,398.0	7,497.3	7,374.0	75.9	25.3	-90.28	-4,388.9	957.3	837.2	740.6	96.67	8.660	
11,200.0	7,398.0	7,494.9	7,371.6	77.8	25.3	-90.05	-4,388.9	957.3	773.7	675.2	98.56	7.850	
11,300.0	7,398.0	7,492.4	7,369.1	79.7	25.3	-89.82	-4,389.0	957.2	718.6	618.1	100.46	7.153	
11,400.0	7,398.0	7,489.9	7,366.6	81.6	25.3	-89.59	-4,389.0	957.2	673.8	571.4	102.35	6.583	
11,500.0	7,398.0	7,487.0	7,363.7	83.5	25.3	-89.33	-4,389.1	957.1	641.6	537.4	104.24	6.155	
11,600.0	7,398.0	7,484.8	7,361.5	85.4	25.3	-89.13	-4,389.2	957.1	623.9	517.8	106.13	5.879	
11,661.9	7,398.0	7,483.2	7,359.9	86.5	25.3	-88.98	-4,389.2	957.1	620.9	513.6	107.30	5.786 CC, ES	
11,700.0	7,398.0	7,482.3	7,359.0	87.3	25.3	-88.89	-4,389.2	957.1	622.0	514.0	108.03	5.758 SF	
11,800.0	7,398.0	7,479.7	7,356.5	89.1	25.3	-88.66	-4,389.3	957.0	636.0	526.1	109.92	5.787	
11,900.0	7,398.0	7,477.3	7,354.0	91.0	25.3	-88.43	-4,389.4	957.0	664.9	553.1	111.81	5.947	
11,910.3	7,398.0	7,477.0	7,353.7	91.2	25.3	-88.41	-4,389.4	957.0	668.7	556.7	112.00	5.970	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	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)	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	
10,000.0	7,398.0	7,370.0	7,370.0	55.5	16.5	90.00	-3,659.3	64.8	964.8	893.1	71.71	13.453		
10,100.0	7,398.0	7,370.0	7,370.0	57.3	16.5	90.00	-3,659.3	64.8	869.1	795.6	73.56	11.815		
10,200.0	7,398.0	7,370.0	7,370.0	59.2	16.5	90.00	-3,659.3	64.8	774.6	699.2	75.41	10.272		
10,300.0	7,398.0	7,370.0	7,370.0	61.0	16.5	90.00	-3,659.3	64.8	681.6	604.4	77.27	8.822		
10,400.0	7,398.0	7,370.0	7,370.0	62.9	16.5	90.00	-3,659.3	64.8	591.0	511.8	79.13	7.468		
10,500.0	7,398.0	7,370.0	7,370.0	64.7	16.5	90.00	-3,659.3	64.8	503.8	422.8	80.99	6.221		
10,600.0	7,398.0	7,370.0	7,370.0	66.6	16.5	90.00	-3,659.3	64.8	422.4	339.6	82.86	5.098		
10,700.0	7,398.0	7,370.0	7,370.0	68.4	16.5	90.00	-3,659.3	64.8	350.8	266.1	84.73	4.140		
10,800.0	7,398.0	7,370.0	7,370.0	70.3	16.5	90.00	-3,659.3	64.8	296.1	209.5	86.60	3.419		
10,900.0	7,398.0	7,370.0	7,370.0	72.2	16.5	90.00	-3,659.3	64.8	268.8	180.4	88.48	3.038		
10,927.0	7,398.0	7,370.0	7,370.0	72.7	16.5	90.00	-3,659.3	64.8	267.5	178.5	88.99	3.006 CC, ES, SF		
11,000.0	7,398.0	7,370.0	7,370.0	74.1	16.5	90.00	-3,659.3	64.8	277.3	186.9	90.36	3.069		
11,100.0	7,398.0	7,370.0	7,370.0	75.9	16.5	90.00	-3,659.3	64.8	318.6	226.3	92.24	3.454		
11,200.0	7,398.0	7,370.0	7,370.0	77.8	16.5	90.00	-3,659.3	64.8	382.2	288.1	94.13	4.061		
11,300.0	7,398.0	7,370.0	7,370.0	79.7	16.5	90.00	-3,659.3	64.8	459.0	363.0	96.01	4.781		
11,400.0	7,398.0	7,370.0	7,370.0	81.6	16.5	90.00	-3,659.3	64.8	543.4	445.5	97.90	5.551		
11,500.0	7,398.0	7,370.0	7,370.0	83.5	16.5	90.00	-3,659.3	64.8	632.4	532.6	99.79	6.337		
11,600.0	7,398.0	7,370.0	7,370.0	85.4	16.5	90.00	-3,659.3	64.8	724.2	622.6	101.68	7.123		
11,700.0	7,398.0	7,370.0	7,370.0	87.3	16.5	90.00	-3,659.3	64.8	818.0	714.4	103.57	7.898		
11,800.0	7,398.0	7,370.0	7,370.0	89.1	16.5	90.00	-3,659.3	64.8	913.1	807.6	105.47	8.658		

SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 13-26NHZ - 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	-90.77	-0.3	-22.5	22.5					
100.0	100.0	100.0	100.0	0.1	0.1	-90.77	-0.3	-22.5	22.5	22.3	0.22	100.154		
200.0	200.0	200.0	200.0	0.3	0.3	-90.77	-0.3	-22.5	22.5	21.8	0.67	33.385		
300.0	300.0	300.0	300.0	0.6	0.6	-90.77	-0.3	-22.5	22.5	21.4	1.12	20.031		
400.0	400.0	400.0	400.0	0.8	0.8	-90.77	-0.3	-22.5	22.5	20.9	1.57	14.308		
500.0	500.0	500.0	500.0	1.0	1.0	-90.77	-0.3	-22.5	22.5	20.5	2.02	11.128		
600.0	600.0	600.0	600.0	1.2	1.2	-90.77	-0.3	-22.5	22.5	20.0	2.47	9.105		
700.0	700.0	700.0	700.0	1.5	1.5	-90.77	-0.3	-22.5	22.5	19.6	2.92	7.704		
800.0	800.0	800.0	800.0	1.7	1.7	-90.77	-0.3	-22.5	22.5	19.1	3.37	6.677		
900.0	900.0	900.0	900.0	1.9	1.9	-90.77	-0.3	-22.5	22.5	18.7	3.82	5.891		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-90.77	-0.3	-22.5	22.5	18.2	4.27	5.271		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-90.77	-0.3	-22.5	22.5	17.8	4.72	4.769		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-90.77	-0.3	-22.5	22.5	17.3	5.17	4.355		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-90.77	-0.3	-22.5	22.5	16.9	5.62	4.006		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-90.77	-0.3	-22.5	22.5	16.4	6.07	3.709	CC, ES	
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-155.39	-0.3	-22.5	24.1	17.6	6.51	3.701		
1,600.0	1,599.8	1,599.8	1,599.8	3.5	3.5	-159.67	-0.3	-22.5	28.9	22.0	6.94	4.171		
1,700.0	1,699.5	1,699.5	1,699.5	3.7	3.7	-164.29	-0.3	-22.5	37.2	29.9	7.36	5.060		
1,800.0	1,798.9	1,798.9	1,798.9	3.9	3.9	-167.82	-0.3	-22.5	47.8	40.0	7.79	6.135		
1,900.0	1,898.3	1,898.3	1,898.3	4.2	4.2	-170.07	-0.3	-22.5	58.5	50.3	8.23	7.109		
2,000.0	1,997.7	1,997.7	1,997.7	4.4	4.4	-171.63	-0.3	-22.5	69.3	60.6	8.67	7.990		
2,100.0	2,097.1	2,097.1	2,097.1	4.7	4.6	-172.77	-0.3	-22.5	80.1	71.0	9.11	8.787		
2,200.0	2,196.5	2,196.5	2,196.5	4.9	4.8	-173.63	-0.3	-22.5	90.9	81.4	9.56	9.511		
2,300.0	2,295.9	2,295.9	2,295.9	5.2	5.0	-174.31	-0.3	-22.5	101.8	91.8	10.01	10.171		
2,400.0	2,395.3	2,395.3	2,395.3	5.5	5.3	-174.86	-0.3	-22.5	112.6	102.2	10.45	10.775		
2,500.0	2,494.7	2,494.7	2,494.7	5.7	5.5	-175.32	-0.3	-22.5	123.5	112.6	10.90	11.328		
2,600.0	2,594.1	2,596.6	2,596.6	6.0	5.7	-175.13	1.3	-22.2	133.5	122.1	11.36	11.755		
2,700.0	2,693.5	2,698.9	2,698.8	6.3	6.0	-173.74	6.5	-21.1	141.5	129.7	11.81	11.984		
2,800.0	2,792.9	2,801.3	2,800.7	6.6	6.2	-171.29	15.2	-19.3	147.8	135.5	12.27	12.049		
2,900.0	2,892.3	2,901.9	2,900.6	6.9	6.4	-168.11	26.7	-16.9	153.0	140.2	12.73	12.014		
3,000.0	2,991.7	3,001.4	2,999.4	7.2	6.6	-165.07	38.3	-14.5	158.4	145.2	13.21	11.996		
3,100.0	3,091.1	3,100.9	3,098.2	7.4	6.9	-162.25	50.0	-12.1	164.3	150.6	13.69	12.000		
3,200.0	3,190.5	3,200.4	3,197.0	7.7	7.1	-159.62	61.6	-9.7	170.5	156.3	14.19	12.021		
3,300.0	3,289.9	3,299.9	3,295.8	8.0	7.4	-157.18	73.3	-7.3	177.1	162.4	14.69	12.055		
3,400.0	3,389.3	3,399.4	3,394.6	8.3	7.6	-154.92	85.0	-4.9	184.0	168.8	15.21	12.098		
3,500.0	3,488.7	3,498.9	3,493.4	8.6	7.9	-152.82	96.6	-2.5	191.1	175.4	15.73	12.150		
3,600.0	3,588.1	3,598.4	3,592.2	8.9	8.2	-150.88	108.3	-0.1	198.5	182.3	16.26	12.207		
3,700.0	3,687.5	3,698.0	3,691.0	9.2	8.4	-149.08	119.9	2.3	206.1	189.3	16.80	12.268		
3,800.0	3,786.9	3,797.5	3,789.8	9.5	8.7	-147.41	131.6	4.7	213.9	196.5	17.34	12.333		
3,900.0	3,886.3	3,896.8	3,888.4	9.8	9.0	-145.90	143.0	7.1	221.9	204.0	17.88	12.407		
4,000.0	3,985.7	3,995.8	3,987.0	10.1	9.2	-145.15	151.9	8.9	230.1	211.8	18.35	12.539		
4,100.0	4,085.1	4,094.8	4,085.8	10.4	9.4	-145.28	157.5	10.0	238.7	219.9	18.79	12.700		
4,200.0	4,184.5	4,193.6	4,184.7	10.6	9.5	-146.19	159.7	10.5	247.5	228.3	19.20	12.891		
4,300.0	4,283.9	4,292.9	4,283.9	10.9	9.7	-147.53	159.7	10.5	256.7	237.1	19.61	13.088		
4,400.0	4,383.3	4,392.3	4,383.3	11.2	9.9	-148.79	159.7	10.5	266.0	245.9	20.04	13.270		
4,500.0	4,482.7	4,491.7	4,482.7	11.5	10.1	-149.97	159.7	10.5	275.4	254.9	20.48	13.448		
4,600.0	4,582.1	4,591.1	4,582.1	11.8	10.4	-151.06	159.7	10.5	284.9	264.0	20.91	13.623		
4,700.0	4,681.7	4,690.7	4,681.7	12.1	10.6	-152.02	159.7	10.5	293.1	271.8	21.35	13.731		
4,800.0	4,781.5	4,790.5	4,781.5	12.3	10.8	-152.60	159.7	10.5	298.3	276.6	21.75	13.719		
4,900.0	4,881.5	4,890.5	4,881.5	12.4	11.0	-152.83	159.7	10.5	300.5	278.3	22.13	13.579		
5,000.0	4,981.5	4,990.5	4,981.5	12.6	11.2	-90.06	159.7	10.5	300.5	278.0	22.53	13.336		

COMPASS 2003.21 Build 46

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	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)						
5,100.0	5,081.5	5,090.5	5,081.5	12.8	11.4	-90.06	159.7	10.5	300.5	277.6	22.95	13.091		
5,200.0	5,181.5	5,190.5	5,181.5	13.0	11.6	-90.06	159.7	10.5	300.5	277.1	23.38	12.855		
5,300.0	5,281.5	5,290.5	5,281.5	13.2	11.9	-90.06	159.7	10.5	300.5	276.7	23.80	12.626		
5,400.0	5,381.5	5,390.5	5,381.5	13.4	12.1	-90.06	159.7	10.5	300.5	276.3	24.23	12.404		
5,500.0	5,481.5	5,490.5	5,481.5	13.6	12.3	-90.06	159.7	10.5	300.5	275.9	24.65	12.190		
5,600.0	5,581.5	5,590.5	5,581.5	13.8	12.5	-90.06	159.7	10.5	300.5	275.4	25.08	11.983		
5,700.0	5,681.5	5,690.5	5,681.5	14.0	12.7	-90.06	159.7	10.5	300.5	275.0	25.51	11.782		
5,800.0	5,781.5	5,790.5	5,781.5	14.2	12.9	-90.06	159.7	10.5	300.5	274.6	25.93	11.588		
5,900.0	5,881.5	5,890.5	5,881.5	14.4	13.2	-90.06	159.7	10.5	300.5	274.1	26.36	11.399		
6,000.0	5,981.5	5,990.5	5,981.5	14.5	13.4	-90.06	159.7	10.5	300.5	273.7	26.79	11.217		
6,100.0	6,081.5	6,090.5	6,081.5	14.7	13.6	-90.06	159.7	10.5	300.5	273.3	27.22	11.039		
6,200.0	6,181.5	6,190.5	6,181.5	14.9	13.8	-90.06	159.7	10.5	300.5	272.9	27.65	10.867		
6,300.0	6,281.5	6,290.5	6,281.5	15.1	14.0	-90.06	159.7	10.5	300.5	272.4	28.08	10.701		
6,400.0	6,381.5	6,390.5	6,381.5	15.3	14.3	-90.06	159.7	10.5	300.5	272.0	28.52	10.539		
6,500.0	6,481.5	6,490.5	6,481.5	15.5	14.5	-90.06	159.7	10.5	300.5	271.6	28.95	10.381		
6,580.3	6,561.8	6,570.8	6,561.8	15.7	14.6	-90.21	158.9	10.5	300.5	271.2	29.27	10.265		
6,600.0	6,581.5	6,590.5	6,581.4	15.7	14.7	-90.44	157.7	10.5	300.5	271.2	29.34	10.242		
6,700.0	6,681.5	6,688.5	6,678.3	15.9	14.8	-93.11	143.7	10.6	300.9	271.2	29.63	10.154		
6,800.0	6,781.2	6,783.0	6,769.2	16.1	14.9	83.37	117.8	10.7	302.6	272.8	29.81	10.152		
6,900.0	6,878.9	6,875.1	6,853.7	16.2	15.0	79.73	81.3	10.9	305.6	275.6	29.94	10.208		
7,000.0	6,972.8	6,965.2	6,931.1	16.3	15.1	76.37	35.3	11.2	309.5	279.4	30.03	10.304		
7,100.0	7,061.1	7,053.5	7,000.9	16.4	15.2	73.34	-18.8	11.5	314.0	283.9	30.13	10.423		
7,200.0	7,141.9	7,140.4	7,062.4	16.5	15.4	70.67	-79.9	11.9	318.8	288.6	30.24	10.541		
7,300.0	7,213.8	7,225.9	7,115.4	16.7	15.7	68.38	-147.0	12.2	323.5	293.1	30.43	10.632		
7,400.0	7,275.4	7,310.4	7,159.5	16.9	16.1	66.49	-219.0	12.6	327.9	297.2	30.74	10.668		
7,500.0	7,325.4	7,394.1	7,194.5	17.3	16.6	65.00	-295.0	13.1	331.7	300.5	31.24	10.619		
7,600.0	7,362.8	7,477.1	7,220.3	17.9	17.3	63.90	-373.9	13.5	334.7	302.7	31.99	10.462		
7,700.0	7,387.1	7,559.7	7,236.7	18.7	18.0	63.20	-454.8	14.0	336.6	303.6	33.03	10.192		
7,800.0	7,397.6	7,642.1	7,243.7	19.7	18.9	62.88	-536.8	14.4	337.5	303.2	34.39	9.816		
7,900.0	7,398.0	7,737.9	7,244.0	20.8	20.0	62.86	-632.6	15.0	337.6	301.3	36.33	9.293		
8,000.0	7,398.0	7,837.9	7,244.0	22.0	21.3	62.86	-732.6	15.6	337.6	299.0	38.56	8.755		
8,100.0	7,398.0	7,937.9	7,244.0	23.3	22.6	62.86	-832.6	16.1	337.6	296.6	40.97	8.240		
8,200.0	7,398.0	8,037.9	7,244.0	24.7	24.0	62.86	-932.6	16.7	337.5	294.0	43.52	7.756		
8,300.0	7,398.0	8,137.9	7,244.0	26.1	25.5	62.85	-1,032.6	17.3	337.5	291.3	46.20	7.306		
8,400.0	7,398.0	8,237.9	7,244.0	27.7	27.1	62.85	-1,132.6	17.8	337.5	288.5	48.98	6.891		
8,500.0	7,398.0	8,337.9	7,244.0	29.2	28.7	62.85	-1,232.6	18.4	337.5	285.7	51.84	6.510		
8,600.0	7,398.0	8,437.9	7,244.0	30.8	30.3	62.85	-1,332.6	19.0	337.5	282.7	54.78	6.161		
8,700.0	7,398.0	8,537.9	7,244.0	32.5	32.0	62.85	-1,432.6	19.5	337.5	279.7	57.78	5.841		
8,800.0	7,398.0	8,637.9	7,244.0	34.1	33.7	62.85	-1,532.6	20.1	337.5	276.6	60.84	5.547		
8,900.0	7,398.0	8,737.9	7,244.0	35.8	35.4	62.85	-1,632.6	20.7	337.5	273.5	63.93	5.279		
9,000.0	7,398.0	8,837.9	7,244.0	37.5	37.1	62.85	-1,732.6	21.2	337.5	270.4	67.07	5.032		
9,100.0	7,398.0	8,937.9	7,244.0	39.3	38.9	62.85	-1,832.6	21.8	337.5	267.2	70.24	4.804		
9,200.0	7,398.0	9,037.9	7,244.0	41.0	40.6	62.85	-1,932.6	22.4	337.4	264.0	73.44	4.595		
9,300.0	7,398.0	9,137.9	7,244.0	42.8	42.4	62.85	-2,032.6	23.0	337.4	260.8	76.66	4.402		
9,400.0	7,398.0	9,237.9	7,244.0	44.6	44.2	62.84	-2,132.6	23.5	337.4	257.5	79.91	4.223		
9,500.0	7,398.0	9,337.9	7,244.0	46.4	46.0	62.84	-2,232.6	24.1	337.4	254.2	83.17	4.057		
9,600.0	7,398.0	9,437.9	7,244.0	48.2	47.8	62.84	-2,332.6	24.7	337.4	250.9	86.46	3.902		
9,700.0	7,398.0	9,537.9	7,244.0	50.0	49.7	62.84	-2,432.5	25.2	337.4	247.6	89.76	3.759		
9,800.0	7,398.0	9,637.9	7,244.0	51.8	51.5	62.84	-2,532.5	25.8	337.4	244.3	93.07	3.625		
9,900.0	7,398.0	9,737.9	7,244.0	53.6	53.3	62.84	-2,632.5	26.4	337.4	241.0	96.40	3.500		
10,000.0	7,398.0	9,837.9	7,244.0	55.5	55.2	62.84	-2,732.5	26.9	337.4	237.6	99.73	3.383		

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 13-26NHZ - Wellbore #1 - Plan #2 (8-08-1													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)	Reference	Offset	Semi Major Axis Reference	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,100.0	7,398.0	9,937.9	7,244.0	57.3	57.0	62.84	62.84	-2,832.5	27.5	337.3	234.3	103.08	3.273	
10,200.0	7,398.0	10,037.9	7,244.0	59.2	58.9	62.84	62.84	-2,932.5	28.1	337.3	230.9	106.44	3.169	
10,300.0	7,398.0	10,137.9	7,244.0	61.0	60.8	62.84	62.84	-3,032.5	28.6	337.3	227.5	109.80	3.072	
10,400.0	7,398.0	10,237.9	7,244.0	62.9	62.6	62.83	62.83	-3,132.5	29.2	337.3	224.1	113.17	2.980	
10,500.0	7,398.0	10,337.9	7,244.0	64.7	64.5	62.83	62.83	-3,232.5	29.8	337.3	220.7	116.55	2.894	
10,600.0	7,398.0	10,437.9	7,244.0	66.6	66.4	62.83	62.83	-3,332.5	30.3	337.3	217.4	119.94	2.812	
10,700.0	7,398.0	10,537.9	7,244.0	68.4	68.2	62.83	62.83	-3,432.5	30.9	337.3	213.9	123.33	2.735	
10,800.0	7,398.0	10,637.9	7,244.0	70.3	70.1	62.83	62.83	-3,532.5	31.5	337.3	210.5	126.72	2.661	
10,900.0	7,398.0	10,737.9	7,244.0	72.2	72.0	62.83	62.83	-3,632.5	32.0	337.3	207.1	130.13	2.592	
11,000.0	7,398.0	10,837.9	7,244.0	74.1	73.9	62.83	62.83	-3,732.5	32.6	337.2	203.7	133.53	2.526	
11,100.0	7,398.0	10,937.9	7,244.0	75.9	75.7	62.83	62.83	-3,832.5	33.2	337.2	200.3	136.94	2.463	
11,200.0	7,398.0	11,037.9	7,244.0	77.8	77.6	62.83	62.83	-3,932.5	33.8	337.2	196.9	140.35	2.403	
11,300.0	7,398.0	11,137.9	7,244.0	79.7	79.5	62.83	62.83	-4,032.5	34.3	337.2	193.4	143.77	2.345	
11,400.0	7,398.0	11,237.9	7,244.0	81.6	81.4	62.83	62.83	-4,132.5	34.9	337.2	190.0	147.19	2.291	
11,500.0	7,398.0	11,337.9	7,244.0	83.5	83.3	62.82	62.82	-4,232.5	35.5	337.2	186.6	150.62	2.239	
11,600.0	7,398.0	11,437.9	7,244.0	85.4	85.2	62.82	62.82	-4,332.5	36.0	337.2	183.1	154.04	2.189	
11,700.0	7,398.0	11,537.9	7,244.0	87.3	87.1	62.82	62.82	-4,432.5	36.6	337.2	179.7	157.47	2.141	
11,800.0	7,398.0	11,637.9	7,244.0	89.1	89.0	62.82	62.82	-4,532.5	37.2	337.2	176.3	160.91	2.095	
11,900.0	7,398.0	11,737.9	7,244.0	91.0	90.9	62.82	62.82	-4,632.5	37.7	337.1	172.8	164.34	2.052	
11,910.3	7,398.0	11,748.2	7,244.0	91.2	91.1	62.82	62.82	-4,642.8	37.8	337.1	172.5	164.69	2.047 SF	

SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 14-26NHZ - 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							
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)			
0.0	0.0	0.0	0.0	0.0	0.0	-90.90	-0.7	-45.0	45.0					
100.0	100.0	100.0	100.0	0.1	0.1	-90.90	-0.7	-45.0	45.0	44.8	0.22	200.314		
200.0	200.0	200.0	200.0	0.3	0.3	-90.90	-0.7	-45.0	45.0	44.3	0.67	66.771		
300.0	300.0	300.0	300.0	0.6	0.6	-90.90	-0.7	-45.0	45.0	43.9	1.12	40.063		
400.0	400.0	400.0	400.0	0.8	0.8	-90.90	-0.7	-45.0	45.0	43.5	1.57	28.616 CC		
500.0	500.0	499.6	499.6	1.0	1.0	-90.71	-0.6	-45.4	45.4	43.4	2.01	22.564 ES		
600.0	600.0	599.2	599.2	1.2	1.2	-90.16	-0.1	-46.7	46.7	44.2	2.45	19.043		
700.0	700.0	698.8	698.8	1.5	1.4	-89.30	0.6	-48.7	48.7	45.8	2.89	16.846		
800.0	800.0	798.4	798.3	1.7	1.7	-88.23	1.6	-51.5	51.6	48.3	3.34	15.464		
900.0	900.0	897.9	897.7	1.9	1.9	-87.00	2.9	-55.2	55.3	51.6	3.79	14.617		
1,000.0	1,000.0	997.3	997.0	2.1	2.1	-85.72	4.5	-59.7	59.9	55.7	4.24	14.140		
1,100.0	1,100.0	1,096.6	1,096.1	2.4	2.3	-84.44	6.3	-65.0	65.4	60.7	4.70	13.927		
1,200.0	1,200.0	1,195.8	1,195.1	2.6	2.6	-83.20	8.5	-71.1	71.7	66.6	5.16	13.909		
1,300.0	1,300.0	1,294.9	1,294.0	2.8	2.8	-82.04	10.9	-78.0	78.9	73.3	5.62	14.037		
1,400.0	1,400.0	1,393.8	1,392.6	3.0	3.1	-80.97	13.6	-85.6	87.0	80.9	6.10	14.276		
1,500.0	1,500.0	1,492.5	1,490.9	3.3	3.3	-143.27	16.6	-94.1	97.4	90.9	6.46	15.079		
1,600.0	1,599.8	1,590.6	1,588.5	3.5	3.6	-143.82	19.8	-103.3	111.3	104.5	6.89	16.164		
1,700.0	1,699.5	1,688.0	1,685.3	3.7	3.9	-145.01	23.3	-113.2	129.0	121.7	7.32	17.628		
1,800.0	1,798.9	1,784.7	1,781.4	3.9	4.2	-146.43	27.1	-123.8	149.2	141.5	7.76	19.241		
1,900.0	1,898.3	1,881.1	1,877.0	4.2	4.4	-147.47	31.1	-135.2	170.4	162.2	8.20	20.774		
2,000.0	1,997.7	1,977.7	1,972.8	4.4	4.7	-148.23	35.3	-147.2	192.4	183.7	8.66	22.223		
2,100.0	2,097.1	2,075.2	2,069.4	4.7	5.0	-148.82	39.7	-159.6	214.5	205.4	9.11	23.537		
2,200.0	2,196.5	2,172.7	2,166.0	4.9	5.4	-149.30	44.0	-171.9	236.6	227.1	9.57	24.718		
2,300.0	2,295.9	2,270.2	2,262.6	5.2	5.7	-149.70	48.4	-184.3	258.8	248.7	10.04	25.784		
2,400.0	2,395.3	2,367.7	2,359.2	5.5	6.0	-150.04	52.7	-196.6	281.0	270.4	10.50	26.750		
2,500.0	2,494.7	2,465.2	2,455.9	5.7	6.3	-150.33	57.1	-208.9	303.1	292.2	10.97	27.628		
2,600.0	2,594.1	2,562.7	2,552.5	6.0	6.6	-150.58	61.4	-221.3	325.3	313.9	11.44	28.430		
2,700.0	2,693.5	2,660.2	2,649.1	6.3	6.9	-150.79	65.8	-233.6	347.5	335.6	11.92	29.165		
2,800.0	2,792.9	2,757.7	2,745.7	6.6	7.2	-150.98	70.1	-245.9	369.7	357.3	12.39	29.840		
2,900.0	2,892.3	2,855.2	2,842.3	6.9	7.6	-151.15	74.5	-258.3	391.9	379.0	12.86	30.462		
3,000.0	2,991.7	2,952.7	2,939.0	7.2	7.9	-151.30	78.8	-270.6	414.1	400.7	13.34	31.036		
3,100.0	3,091.1	3,050.2	3,035.6	7.4	8.2	-151.44	83.1	-282.9	436.3	422.5	13.82	31.569		
3,200.0	3,190.5	3,147.7	3,132.2	7.7	8.5	-151.56	87.5	-295.3	458.5	444.2	14.30	32.064		
3,300.0	3,289.9	3,245.2	3,228.8	8.0	8.9	-151.67	91.8	-307.6	480.7	465.9	14.78	32.525		
3,400.0	3,389.3	3,342.7	3,325.4	8.3	9.2	-151.77	96.2	-320.0	502.9	487.6	15.26	32.955		
3,500.0	3,488.7	3,440.2	3,422.0	8.6	9.5	-151.87	100.5	-332.3	525.1	509.4	15.74	33.357		
3,600.0	3,588.1	3,537.7	3,518.7	8.9	9.8	-151.95	104.9	-344.6	547.3	531.1	16.22	33.734		
3,700.0	3,687.5	3,635.2	3,615.3	9.2	10.2	-152.03	109.2	-357.0	569.5	552.8	16.71	34.088		
3,800.0	3,786.9	3,732.7	3,711.9	9.5	10.5	-152.10	113.6	-369.3	591.7	574.5	17.19	34.420		
3,900.0	3,886.3	3,830.2	3,808.5	9.8	10.8	-152.17	117.9	-381.6	614.0	596.3	17.68	34.734		
4,000.0	3,985.7	3,927.7	3,905.1	10.1	11.1	-152.23	122.3	-394.0	636.2	618.0	18.16	35.030		
4,100.0	4,085.1	4,027.5	4,004.0	10.4	11.4	-152.30	126.7	-406.5	658.3	639.7	18.64	35.326		
4,200.0	4,184.5	4,130.9	4,106.5	10.6	11.7	-152.38	131.0	-418.8	679.8	660.7	19.09	35.616		
4,300.0	4,283.9	4,234.6	4,209.6	10.9	11.9	-152.48	135.1	-430.3	700.4	680.9	19.54	35.848		
4,400.0	4,383.3	4,338.7	4,313.0	11.2	12.2	-152.60	138.8	-440.9	720.2	700.2	19.99	36.028		
4,500.0	4,482.7	4,443.1	4,417.0	11.5	12.4	-152.74	142.2	-450.6	739.2	718.7	20.44	36.158		
4,600.0	4,582.1	4,547.9	4,521.3	11.8	12.7	-152.90	145.4	-459.5	757.3	736.4	20.90	36.242		
4,700.0	4,681.7	4,653.2	4,626.3	12.1	12.9	-153.16	148.2	-467.6	773.2	751.8	21.37	36.174		
4,800.0	4,781.5	4,759.3	4,732.1	12.3	13.1	-153.28	150.7	-474.7	785.1	763.3	21.81	36.006		
4,900.0	4,881.5	4,865.8	4,838.4	12.4	13.3	-153.27	152.9	-481.0	793.1	770.9	22.21	35.712		
5,000.0	4,981.5	4,972.7	4,945.1	12.6	13.5	-90.37	154.8	-486.3	798.2	775.6	22.60	35.317		

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SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 14-26NHZ - 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							
Measured Depth	Vertical	Measured Depth	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation	Warning	
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Separation (ft)	Factor		
5,100.0	5,081.5	5,079.6	5,051.9	12.8	13.8	-90.26	156.4	-490.8	802.3	779.3	23.01	34.869		
5,200.0	5,181.5	5,186.6	5,158.9	13.0	13.9	-90.17	157.6	-494.2	805.5	782.1	23.42	34.400		
5,300.0	5,281.5	5,293.7	5,265.9	13.2	14.1	-90.11	158.5	-496.8	807.9	784.1	23.82	33.912		
5,400.0	5,381.5	5,400.8	5,373.0	13.4	14.3	-90.07	159.1	-498.4	809.4	785.2	24.23	33.404		
5,500.0	5,481.5	5,507.9	5,480.2	13.6	14.5	-90.05	159.3	-499.0	810.0	785.4	24.64	32.879		
5,600.0	5,581.5	5,609.3	5,581.5	13.8	14.7	-90.05	159.3	-499.0	810.0	785.0	25.04	32.349		
5,700.0	5,681.5	5,709.3	5,681.5	14.0	14.8	-90.05	159.3	-499.0	810.0	784.6	25.45	31.830		
5,800.0	5,781.5	5,809.3	5,781.5	14.2	15.0	-90.05	159.3	-499.0	810.0	784.2	25.86	31.325		
5,900.0	5,881.5	5,909.3	5,881.5	14.4	15.2	-90.05	159.3	-499.0	810.0	783.7	26.27	30.834		
6,000.0	5,981.5	6,009.3	5,981.5	14.5	15.4	-90.05	159.3	-499.0	810.0	783.3	26.68	30.357		
6,100.0	6,081.5	6,109.3	6,081.5	14.7	15.5	-90.05	159.3	-499.0	810.0	782.9	27.10	29.893		
6,200.0	6,181.5	6,209.3	6,181.5	14.9	15.7	-90.05	159.3	-499.0	810.0	782.5	27.51	29.442		
6,300.0	6,281.5	6,309.3	6,281.5	15.1	15.9	-90.05	159.3	-499.0	810.0	782.1	27.93	29.004		
6,400.0	6,381.5	6,409.3	6,381.5	15.3	16.1	-90.05	159.3	-499.0	810.0	781.7	28.35	28.577		
6,500.0	6,481.5	6,509.3	6,481.5	15.5	16.3	-90.05	159.3	-499.0	810.0	781.3	28.76	28.161		
6,600.0	6,581.5	6,609.5	6,581.6	15.7	16.4	-90.18	157.4	-499.0	810.0	780.8	29.17	27.768		
6,622.5	6,604.0	6,631.9	6,604.0	15.8	16.5	-90.32	155.4	-499.0	810.0	780.8	29.25	27.689		
6,700.0	6,681.5	6,707.8	6,679.0	15.9	16.6	-91.16	143.6	-498.9	810.1	780.6	29.53	27.435		
6,800.0	6,781.2	6,802.7	6,770.2	16.1	16.7	87.73	117.7	-498.8	810.7	780.9	29.80	27.203		
6,900.0	6,878.9	6,895.3	6,855.1	16.2	16.7	86.37	81.1	-498.6	811.7	781.7	30.00	27.055		
7,000.0	6,972.8	6,985.8	6,932.9	16.3	16.8	85.08	35.1	-498.3	813.1	782.9	30.19	26.936		
7,100.0	7,061.1	7,074.4	7,003.0	16.4	16.9	83.88	-19.2	-498.0	814.8	784.4	30.41	26.789		
7,200.0	7,141.9	7,161.6	7,064.7	16.5	17.0	82.80	-80.7	-497.7	816.6	785.8	30.73	26.570		
7,300.0	7,213.8	7,250.0	7,119.3	16.7	17.2	81.82	-150.1	-497.3	818.4	787.2	31.23	26.208		
7,400.0	7,275.4	7,332.2	7,162.0	16.9	17.5	81.04	-220.4	-496.9	820.1	788.2	31.94	25.680		
7,500.0	7,325.4	7,416.2	7,197.0	17.3	17.9	80.38	-296.6	-496.5	821.6	788.7	32.92	24.960		
7,600.0	7,362.8	7,500.0	7,222.9	17.9	18.5	79.88	-376.3	-496.0	822.8	788.6	34.19	24.064		
7,700.0	7,387.1	7,582.3	7,239.0	18.7	19.2	79.55	-456.9	-495.6	823.7	787.9	35.76	23.031		
7,800.0	7,397.6	7,664.9	7,245.8	19.7	20.0	79.38	-539.2	-495.1	824.1	786.5	37.59	21.920		
7,900.0	7,398.0	7,761.1	7,246.0	20.8	21.1	79.37	-635.4	-494.5	824.1	784.3	39.81	20.699		
8,000.0	7,398.0	7,861.1	7,246.0	22.0	22.3	79.37	-735.4	-494.0	824.1	781.8	42.27	19.494		
8,100.0	7,398.0	7,961.1	7,246.0	23.3	23.6	79.37	-835.4	-493.4	824.1	779.2	44.92	18.345		
8,200.0	7,398.0	8,061.1	7,246.0	24.7	25.0	79.37	-935.4	-492.9	824.1	776.4	47.72	17.268		
8,300.0	7,398.0	8,161.1	7,246.0	26.1	26.4	79.37	-1,035.4	-492.3	824.1	773.4	50.66	16.268		
8,400.0	7,398.0	8,261.1	7,246.0	27.7	27.9	79.37	-1,135.4	-491.7	824.1	770.4	53.70	15.346		
8,500.0	7,398.0	8,361.1	7,246.0	29.2	29.5	79.37	-1,235.4	-491.2	824.1	767.2	56.83	14.501		
8,600.0	7,398.0	8,461.1	7,246.0	30.8	31.1	79.37	-1,335.4	-490.6	824.1	764.0	60.04	13.726		
8,700.0	7,398.0	8,561.1	7,246.0	32.5	32.7	79.37	-1,435.4	-490.0	824.0	760.7	63.31	13.016		
8,800.0	7,398.0	8,661.1	7,246.0	34.1	34.4	79.37	-1,535.4	-489.5	824.0	757.4	66.64	12.366		
8,900.0	7,398.0	8,761.1	7,246.0	35.8	36.1	79.37	-1,635.4	-488.9	824.0	754.0	70.02	11.769		
9,000.0	7,398.0	8,861.1	7,246.0	37.5	37.8	79.37	-1,735.4	-488.4	824.0	750.6	73.43	11.222		
9,100.0	7,398.0	8,961.1	7,246.0	39.3	39.5	79.37	-1,835.4	-487.8	824.0	747.1	76.89	10.718		
9,200.0	7,398.0	9,061.1	7,246.0	41.0	41.3	79.37	-1,935.4	-487.2	824.0	743.6	80.37	10.253		
9,300.0	7,398.0	9,161.1	7,246.0	42.8	43.0	79.37	-2,035.4	-486.7	824.0	740.1	83.88	9.824		
9,400.0	7,398.0	9,261.1	7,246.0	44.6	44.8	79.37	-2,135.4	-486.1	824.0	736.6	87.41	9.426		
9,500.0	7,398.0	9,361.1	7,246.0	46.4	46.6	79.37	-2,235.4	-485.5	824.0	733.0	90.97	9.058		
9,600.0	7,398.0	9,461.1	7,246.0	48.2	48.4	79.37	-2,335.4	-485.0	824.0	729.4	94.54	8.715		
9,700.0	7,398.0	9,561.1	7,246.0	50.0	50.2	79.37	-2,435.4	-484.4	824.0	725.8	98.13	8.396		
9,800.0	7,398.0	9,661.1	7,246.0	51.8	52.0	79.37	-2,535.4	-483.9	824.0	722.2	101.74	8.099		
9,900.0	7,398.0	9,761.1	7,246.0	53.6	53.9	79.37	-2,635.4	-483.3	824.0	718.6	105.36	7.821		
10,000.0	7,398.0	9,861.1	7,246.0	55.5	55.7	79.37	-2,735.4	-482.7	824.0	715.0	108.99	7.560		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 14-26NHZ - Wellbore #1 - Plan #2 (8-08-1													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)	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	
10,100.0	7,398.0	9,961.1	7,246.0	57.3	57.5	79.37	-2,835.4	-482.2	824.0	711.3	112.63	7.316		
10,200.0	7,398.0	10,061.1	7,246.0	59.2	59.4	79.37	-2,935.4	-481.6	824.0	707.7	116.28	7.086		
10,300.0	7,398.0	10,161.1	7,246.0	61.0	61.2	79.37	-3,035.4	-481.0	823.9	704.0	119.94	6.869		
10,400.0	7,398.0	10,261.1	7,246.0	62.9	63.1	79.37	-3,135.4	-480.5	823.9	700.3	123.61	6.666		
10,500.0	7,398.0	10,361.1	7,246.0	64.7	64.9	79.37	-3,235.4	-479.9	823.9	696.6	127.29	6.473		
10,600.0	7,398.0	10,461.1	7,246.0	66.6	66.8	79.37	-3,335.4	-479.4	823.9	693.0	130.97	6.291		
10,700.0	7,398.0	10,561.1	7,246.0	68.4	68.7	79.37	-3,435.4	-478.8	823.9	689.3	134.66	6.119		
10,800.0	7,398.0	10,661.1	7,246.0	70.3	70.5	79.37	-3,535.4	-478.2	823.9	685.6	138.35	5.955		
10,900.0	7,398.0	10,761.1	7,246.0	72.2	72.4	79.37	-3,635.4	-477.7	823.9	681.9	142.05	5.800		
11,000.0	7,398.0	10,861.1	7,246.0	74.1	74.3	79.37	-3,735.4	-477.1	823.9	678.1	145.76	5.652		
11,100.0	7,398.0	10,961.1	7,246.0	75.9	76.1	79.37	-3,835.4	-476.5	823.9	674.4	149.47	5.512		
11,200.0	7,398.0	11,061.1	7,246.0	77.8	78.0	79.37	-3,935.4	-476.0	823.9	670.7	153.18	5.378		
11,300.0	7,398.0	11,161.1	7,246.0	79.7	79.9	79.37	-4,035.4	-475.4	823.9	667.0	156.90	5.251		
11,400.0	7,398.0	11,261.1	7,246.0	81.6	81.8	79.37	-4,135.4	-474.9	823.9	663.3	160.62	5.129		
11,500.0	7,398.0	11,361.1	7,246.0	83.5	83.7	79.37	-4,235.4	-474.3	823.9	659.5	164.34	5.013		
11,600.0	7,398.0	11,461.1	7,246.0	85.4	85.6	79.37	-4,335.4	-473.7	823.9	655.8	168.07	4.902		
11,700.0	7,398.0	11,561.1	7,246.0	87.3	87.4	79.37	-4,435.4	-473.2	823.9	652.1	171.80	4.795		
11,800.0	7,398.0	11,661.1	7,246.0	89.1	89.3	79.37	-4,535.4	-472.6	823.8	648.3	175.54	4.693		
11,900.0	7,398.0	11,761.1	7,246.0	91.0	91.2	79.37	-4,635.4	-472.0	823.8	644.6	179.27	4.595		
11,910.3	7,398.0	11,771.4	7,246.0	91.2	91.4	79.37	-4,645.6	-472.0	823.8	644.2	179.66	4.586 SF		

SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 23-26NHZ - 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							
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)			
0.0	0.0	0.0	0.0	0.0	0.0	88.98	0.4	22.5	22.5					
100.0	100.0	100.0	100.0	0.1	0.1	88.98	0.4	22.5	22.5	22.3	0.22	100.161		
200.0	200.0	200.0	200.0	0.3	0.3	88.98	0.4	22.5	22.5	21.8	0.67	33.387		
300.0	300.0	300.0	300.0	0.6	0.6	88.98	0.4	22.5	22.5	21.4	1.12	20.032		
400.0	400.0	400.0	400.0	0.8	0.8	88.98	0.4	22.5	22.5	20.9	1.57	14.309		
500.0	500.0	500.0	500.0	1.0	1.0	88.98	0.4	22.5	22.5	20.5	2.02	11.129		
600.0	600.0	600.0	600.0	1.2	1.2	88.98	0.4	22.5	22.5	20.0	2.47	9.106		
700.0	700.0	700.0	700.0	1.5	1.5	88.98	0.4	22.5	22.5	19.6	2.92	7.705		
800.0	800.0	800.0	800.0	1.7	1.7	88.98	0.4	22.5	22.5	19.1	3.37	6.677		
900.0	900.0	900.0	900.0	1.9	1.9	88.98	0.4	22.5	22.5	18.7	3.82	5.892		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	88.98	0.4	22.5	22.5	18.2	4.27	5.272		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	88.98	0.4	22.5	22.5	17.8	4.72	4.770		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	88.98	0.4	22.5	22.5	17.3	5.17	4.355	CC, ES	
1,300.0	1,300.0	1,299.2	1,299.2	2.8	2.8	88.00	0.8	24.2	24.2	18.6	5.61	4.315		
1,400.0	1,400.0	1,398.2	1,398.0	3.0	3.0	85.74	2.2	29.1	29.3	23.2	6.04	4.846		
1,500.0	1,500.0	1,496.8	1,496.3	3.3	3.2	21.46	4.4	37.3	36.2	29.7	6.46	5.599		
1,600.0	1,599.8	1,595.2	1,594.0	3.5	3.5	21.38	7.4	48.8	43.2	36.3	6.87	6.288		
1,700.0	1,699.5	1,693.4	1,690.9	3.7	3.7	22.13	11.4	63.5	50.4	43.1	7.28	6.919		
1,800.0	1,798.9	1,791.2	1,787.0	3.9	4.0	22.92	16.1	81.2	58.9	51.2	7.72	7.635		
1,900.0	1,898.3	1,890.4	1,884.0	4.2	4.3	23.19	21.5	101.2	69.5	61.4	8.17	8.511		
2,000.0	1,997.7	1,989.8	1,981.2	4.4	4.7	23.39	26.8	121.3	80.1	71.5	8.62	9.292		
2,100.0	2,097.1	2,089.2	2,078.5	4.7	5.1	23.54	32.2	141.4	90.8	81.7	9.09	9.988		
2,200.0	2,196.5	2,188.7	2,175.7	4.9	5.5	23.66	37.6	161.5	101.4	91.8	9.56	10.608		
2,300.0	2,295.9	2,288.1	2,272.9	5.2	5.9	23.76	43.0	181.6	112.0	102.0	10.03	11.164		
2,400.0	2,395.3	2,387.5	2,370.2	5.5	6.3	23.84	48.3	201.7	122.6	112.1	10.51	11.665		
2,500.0	2,494.7	2,487.0	2,467.4	5.7	6.7	23.91	53.7	221.8	133.2	122.2	11.00	12.117		
2,600.0	2,594.1	2,586.4	2,564.6	6.0	7.1	23.97	59.1	241.9	143.9	132.4	11.48	12.528		

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Offset Design										SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 23-26NHZ - 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							
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)					
5,000.0	4,981.5	5,042.5	4,981.5	12.6	15.9	89.93	160.4	620.5	309.5	286.4	23.07	13.414				
5,100.0	5,081.5	5,142.5	5,081.5	12.8	16.0	89.93	160.4	620.5	309.5	286.0	23.47	13.186				
5,200.0	5,181.5	5,242.5	5,181.5	13.0	16.2	89.93	160.4	620.5	309.5	285.6	23.87	12.964				
5,300.0	5,281.5	5,342.5	5,281.5	13.2	16.3	89.93	160.4	620.5	309.5	285.2	24.28	12.749				
5,400.0	5,381.5	5,442.5	5,381.5	13.4	16.5	89.93	160.4	620.5	309.5	284.8	24.68	12.541				
5,500.0	5,481.5	5,542.5	5,481.5	13.6	16.6	89.93	160.4	620.5	309.5	284.4	25.09	12.338				
5,600.0	5,581.5	5,642.5	5,581.5	13.8	16.8	89.93	160.4	620.5	309.5	284.0	25.49	12.141				
5,700.0	5,681.5	5,742.5	5,681.5	14.0	16.9	89.93	160.4	620.5	309.5	283.6	25.90	11.950				
5,800.0	5,781.5	5,842.5	5,781.5	14.2	17.1	89.93	160.4	620.5	309.5	283.2	26.31	11.764				
5,900.0	5,881.5	5,942.5	5,881.5	14.4	17.3	89.93	160.4	620.5	309.5	282.8	26.72	11.583				
6,000.0	5,981.5	6,042.5	5,981.5	14.5	17.4	89.93	160.4	620.5	309.5	282.4	27.13	11.407				
6,100.0	6,081.5	6,142.5	6,081.5	14.7	17.6	89.93	160.4	620.5	309.5	282.0	27.55	11.235				
6,200.0	6,181.5	6,242.5	6,181.5	14.9	17.8	89.93	160.4	620.5	309.5	281.5	27.96	11.069				
6,300.0	6,281.5	6,342.5	6,281.5	15.1	17.9	89.93	160.4	620.5	309.5	281.1	28.38	10.907				
6,400.0	6,381.5	6,442.5	6,381.5	15.3	18.1	89.93	160.4	620.5	309.5	280.7	28.79	10.749				
6,500.0	6,481.5	6,542.5	6,481.5	15.5	18.3	89.93	160.4	620.5	309.5	280.3	29.21	10.595				
6,535.4	6,516.9	6,577.8	6,516.9	15.6	18.3	89.93	160.4	620.5	309.5	280.2	29.36	10.542				
6,600.0	6,581.5	6,642.1	6,581.1	15.7	18.4	90.49	157.3	620.5	309.5	279.9	29.63	10.447				
6,700.0	6,681.5	6,739.3	6,676.9	15.9	18.5	93.36	141.8	620.6	310.2	280.1	30.11	10.303				
6,800.0	6,781.2	6,832.6	6,766.2	16.1	18.6	-82.34	114.8	620.8	312.4	281.9	30.55	10.227				
6,900.0	6,878.9	6,923.6	6,849.1	16.2	18.7	-78.59	77.6	621.0	316.0	285.1	30.89	10.231				
7,000.0	6,972.8	7,012.4	6,924.9	16.3	18.7	-75.14	31.4	621.2	320.6	289.5	31.08	10.317				
7,100.0	7,061.1	7,100.0	6,993.5	16.4	18.8	-72.04	-23.0	621.5	325.8	294.7	31.13	10.467				
7,200.0	7,141.9	7,185.0	7,053.2	16.5	18.9	-69.35	-83.5	621.9	331.3	300.2	31.11	10.650				
7,300.0	7,213.8	7,269.3	7,104.9	16.7	19.1	-67.05	-149.9	622.3	336.6	305.5	31.10	10.822				
7,400.0	7,275.4	7,350.0	7,146.8	16.9	19.3	-65.20	-218.9	622.7	341.5	310.2	31.25	10.927				
7,500.0	7,325.4	7,434.9	7,182.2	17.3	19.7	-63.68	-295.9	623.1	345.6	313.9	31.72	10.893				
7,600.0	7,362.8	7,516.6	7,207.5	17.9	20.1	-62.61	-373.7	623.5	348.8	316.1	32.62	10.692				
7,700.0	7,387.1	7,600.0	7,223.9	18.7	20.7	-61.93	-455.3	624.0	350.9	316.8	34.03	10.310				
7,800.0	7,397.6	7,679.2	7,230.7	19.7	21.4	-61.66	-534.2	624.4	351.7	315.8	35.92	9.791				
7,900.0	7,398.0	7,774.1	7,231.0	20.8	22.3	-61.66	-629.1	625.0	351.7	313.7	38.03	9.249				
8,000.0	7,398.0	7,874.1	7,231.0	22.0	23.4	-61.66	-729.1	625.5	351.8	311.5	40.27	8.735				
8,100.0	7,398.0	7,974.1	7,231.0	23.3	24.6	-61.66	-829.1	626.1	351.8	309.1	42.67	8.244				
8,200.0	7,398.0	8,074.1	7,231.0	24.7	25.9	-61.66	-929.1	626.7	351.8	306.6	45.21	7.781				
8,300.0	7,398.0	8,174.1	7,231.0	26.1	27.3	-61.66	-1,029.1	627.2	351.8	303.9	47.87	7.349				
8,400.0	7,398.0	8,274.1	7,231.0	27.7	28.7	-61.66	-1,129.1	627.8	351.8	301.2	50.62	6.950				
8,500.0	7,398.0	8,374.1	7,231.0	29.2	30.2	-61.66	-1,229.1	628.4	351.8	298.3	53.45	6.581				
8,600.0	7,398.0	8,474.1	7,231.0	30.8	31.8	-61.66	-1,329.1	628.9	351.8	295.4	56.36	6.242				
8,700.0	7,398.0	8,574.1	7,231.0	32.5	33.4	-61.66	-1,429.1	629.5	351.8	292.5	59.33	5.930				
8,800.0	7,398.0	8,674.1	7,231.0	34.1	35.0	-61.66	-1,529.1	630.1	351.8	289.5	62.34	5.643				
8,900.0	7,398.0	8,774.1	7,231.0	35.8	36.6	-61.66	-1,629.1	630.6	351.8	286.4	65.41	5.379				
9,000.0	7,398.0	8,874.1	7,231.0	37.5	38.3	-61.66	-1,729.1	631.2	351.8	283.3	68.51	5.136				
9,100.0	7,398.0	8,974.1	7,231.0	39.3	40.0	-61.66	-1,829.1	631.7	351.8	280.2	71.64	4.911				
9,200.0	7,398.0	9,074.1	7,231.0	41.0	41.7	-61.66	-1,929.1	632.3	351.8	277.0	74.80	4.704				
9,300.0	7,398.0	9,174.1	7,231.0	42.8	43.5	-61.66	-2,029.1	632.9	351.9	273.9	77.99	4.512				
9,400.0	7,398.0	9,274.1	7,231.0	44.6	45.2	-61.67	-2,129.1	633.4	351.9	270.7	81.20	4.333				
9,500.0	7,398.0	9,374.1	7,231.0	46.4	47.0	-61.67	-2,229.1	634.0	351.9	267.4	84.43	4.168				
9,600.0	7,398.0	9,474.1	7,231.0	48.2	48.8	-61.67	-2,329.1	634.6	351.9	264.2	87.68	4.013				
9,700.0	7,398.0	9,574.1	7,231.0	50.0	50.6	-61.67	-2,429.1	635.1	351.9	260.9	90.94	3.869				
9,800.0	7,398.0	9,674.1	7,231.0	51.8	52.4	-61.67	-2,529.1	635.7	351.9	257.7	94.22	3.735				
9,900.0	7,398.0	9,774.1	7,231.0	53.6	54.2	-61.67	-2,629.1	636.3	351.9	254.4	97.51	3.609				

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W - SRC Leffler 23-26NHZ - 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		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)					
10,000.0	7,398.0	9,874.1	7,231.0	55.5	56.0	-61.67	-2,729.1	636.8	351.9	251.1	100.81	3.491	
10,100.0	7,398.0	9,974.1	7,231.0	57.3	57.8	-61.67	-2,829.1	637.4	351.9	247.8	104.13	3.380	
10,200.0	7,398.0	10,074.1	7,231.0	59.2	59.6	-61.67	-2,929.1	638.0	351.9	244.5	107.45	3.275	
10,300.0	7,398.0	10,174.1	7,231.0	61.0	61.5	-61.67	-3,029.1	638.5	351.9	241.2	110.78	3.177	
10,400.0	7,398.0	10,274.1	7,231.0	62.9	63.3	-61.67	-3,129.1	639.1	351.9	237.8	114.12	3.084	
10,500.0	7,398.0	10,374.1	7,231.0	64.7	65.1	-61.67	-3,229.1	639.7	351.9	234.5	117.46	2.996	
10,600.0	7,398.0	10,474.1	7,231.0	66.6	67.0	-61.67	-3,329.1	640.2	352.0	231.1	120.82	2.913	
10,700.0	7,398.0	10,574.1	7,231.0	68.4	68.8	-61.67	-3,429.1	640.8	352.0	227.8	124.18	2.834	
10,800.0	7,398.0	10,674.1	7,231.0	70.3	70.7	-61.68	-3,529.1	641.4	352.0	224.4	127.54	2.760	
10,900.0	7,398.0	10,774.1	7,231.0	72.2	72.6	-61.68	-3,629.1	641.9	352.0	221.1	130.91	2.689	
11,000.0	7,398.0	10,874.1	7,231.0	74.1	74.4	-61.68	-3,729.1	642.5	352.0	217.7	134.29	2.621	
11,100.0	7,398.0	10,974.1	7,231.0	75.9	76.3	-61.68	-3,829.1	643.0	352.0	214.3	137.66	2.557	
11,200.0	7,398.0	11,074.1	7,231.0	77.8	78.2	-61.68	-3,929.1	643.6	352.0	211.0	141.05	2.496	
11,300.0	7,398.0	11,174.1	7,231.0	79.7	80.0	-61.68	-4,029.1	644.2	352.0	207.6	144.43	2.437	
11,400.0	7,398.0	11,274.1	7,231.0	81.6	81.9	-61.68	-4,129.1	644.7	352.0	204.2	147.83	2.381	
11,500.0	7,398.0	11,374.1	7,231.0	83.5	83.8	-61.68	-4,229.1	645.3	352.0	200.8	151.22	2.328	
11,600.0	7,398.0	11,474.1	7,231.0	85.4	85.7	-61.68	-4,329.1	645.9	352.0	197.4	154.62	2.277	
11,700.0	7,398.0	11,574.1	7,231.0	87.3	87.6	-61.68	-4,429.1	646.4	352.0	194.0	158.02	2.228	
11,800.0	7,398.0	11,674.1	7,231.0	89.1	89.4	-61.68	-4,529.1	647.0	352.0	190.6	161.42	2.181	
11,900.0	7,398.0	11,774.1	7,231.0	91.0	91.3	-61.68	-4,629.1	647.6	352.1	187.2	164.82	2.136	
11,900.0	7,398.0	11,774.1	7,231.0	91.0	91.3	-61.68	-4,629.1	647.6	352.1	187.2	164.82	2.136	
11,910.3	7,398.0	11,781.0	7,231.0	91.2	91.5	-61.68	-4,636.0	647.6	352.1	187.0	165.12	2.132 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design													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	88.98	88.98	0.8	44.7	44.7	44.5	0.22	199.085	
100.0	100.0	100.0	100.0	0.1	0.1	88.98	88.98	0.8	44.7	44.7	44.5	0.67	66.362	
200.0	200.0	200.0	200.0	0.3	0.3	88.98	88.98	0.8	44.7	44.7	44.1	1.12	39.817	
300.0	300.0	300.0	300.0	0.6	0.6	88.98	88.98	0.8	44.7	44.7	43.6	1.57	28.441	
400.0	400.0	400.0	400.0	0.8	0.8	88.98	88.98	0.8	44.7	44.7	43.2	2.02	22.121	
500.0	500.0	500.0	500.0	1.0	1.0	88.98	88.98	0.8	44.7	44.7	42.7	2.47	18.099	
600.0	600.0	600.0	600.0	1.2	1.2	88.98	88.98	0.8	44.7	44.7	42.3	2.92	15.314	
700.0	700.0	700.0	700.0	1.5	1.5	88.98	88.98	0.8	44.7	44.7	41.8	3.37	13.272	
800.0	800.0	800.0	800.0	1.7	1.7	88.98	88.98	0.8	44.7	44.7	41.4	3.82	11.711	
900.0	900.0	900.0	900.0	1.9	1.9	88.98	88.98	0.8	44.7	44.7	40.9	4.27	10.478 CC, ES	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	88.98	88.98	0.8	44.7	44.7	40.5	4.71	9.871	
1,100.0	1,100.0	1,098.4	1,098.4	2.4	2.3	88.71	88.71	1.0	46.4	46.5	41.7	5.14	10.039	
1,200.0	1,200.0	1,196.6	1,196.6	2.6	2.6	88.02	88.02	1.8	51.4	51.6	46.4	5.58	10.773	
1,300.0	1,300.0	1,294.4	1,293.9	2.8	2.8	87.12	87.12	3.0	59.7	60.1	54.5	6.03	11.932	
1,400.0	1,400.0	1,391.4	1,390.2	3.0	3.0	86.23	86.23	4.7	71.2	72.0	65.9	6.43	13.327	
1,500.0	1,500.0	1,487.9	1,485.5	3.3	3.3	23.00	23.00	6.8	85.7	85.6	79.2	6.84	14.530	
1,600.0	1,599.8	1,583.8	1,579.8	3.5	3.6	23.27	23.27	9.4	103.4	99.4	92.6	7.27	15.599	
1,700.0	1,699.5	1,679.8	1,673.4	3.7	3.9	24.00	24.00	12.5	124.1	113.3	106.1	7.71	16.402	
1,800.0	1,798.9	1,778.9	1,769.9	3.9	4.3	25.03	25.03	15.8	146.7	126.5	118.8	8.18	17.093	
1,900.0	1,898.3	1,878.0	1,866.3	4.2	4.7	25.87	25.87	19.2	169.4	139.8	131.6	8.64	17.700	
2,000.0	1,997.7	1,977.1	1,962.7	4.4	5.1	26.57	26.57	22.5	192.0	153.0	144.4	9.12	18.227	
2,100.0	2,097.1	2,076.2	2,059.1	4.7	5.5	27.16	27.16	25.8	214.6	166.3	157.1	9.61	18.690	
2,200.0	2,196.5	2,175.3	2,155.6	4.9	6.0	27.66	27.66	29.2	237.2	179.5	169.9	10.10	19.098	
2,300.0	2,295.9	2,274.4	2,252.0	5.2	6.4	28.09	28.09	32.5	259.8	192.8	182.7	10.59	19.461	
2,400.0	2,395.3	2,373.5	2,348.4	5.5	6.9	28.47	28.47	35.8	282.5	206.1	195.5	11.09	19.783	
2,500.0	2,494.7	2,472.6	2,444.9	5.7	7.4	28.80	28.80	39.2	305.1	219.4	208.3	11.59	20.071	
2,600.0	2,594.1	2,571.7	2,541.3	6.0	7.8	29.09	29.09	42.5	327.7	232.7	221.1	12.10	20.329	
2,700.0	2,693.5	2,670.8	2,637.7	6.3	8.3	29.35	29.35	45.8	350.3	246.0	233.9	12.61	20.561	
2,800.0	2,792.9	2,769.9	2,734.2	6.6	8.8	29.58	29.58	49.1	372.9	259.3	246.7	13.13	20.772	
2,900.0	2,892.3	2,869.0	2,830.6	6.9	9.3	29.80	29.80	52.5	395.5	272.7	259.5	13.64	20.962	
3,000.0	2,991.7	2,968.1	2,927.0	7.2	9.7	29.99	29.99	55.8	418.2	286.0	272.4	14.16	21.136	
3,100.0	3,091.1	3,067.2	3,023.5	7.4	10.2	30.16	30.16	59.1	440.8	299.3	285.2	14.68	21.295	
3,200.0	3,190.5	3,166.3	3,119.9	7.7	10.7	30.32	30.32	62.5	463.4	312.7	298.0	15.20	21.440	
3,300.0	3,289.9	3,265.4	3,216.3	8.0	11.2	30.47	30.47	65.8	486.0	326.0	310.8	15.73	21.573	
3,400.0	3,389.3	3,364.5	3,312.7	8.3	11.7	30.60	30.60	69.1	508.6	339.3	323.6	16.25	21.696	
3,500.0	3,488.7	3,463.6	3,409.2	8.6	12.1	30.73	30.73	72.5	531.3	352.7	336.4	16.78	21.809	
3,600.0	3,588.1	3,562.8	3,505.6	8.9	12.6	30.84	30.84	75.8	553.9	366.0	349.2	17.31	21.914	
3,700.0	3,687.5	3,661.9	3,602.0	9.2	13.1	30.95	30.95	79.1	576.5	379.3	362.0	17.84	22.012	
3,800.0	3,786.9	3,761.0	3,698.5	9.5	13.6	31.05	31.05	82.5	599.1	392.7	374.8	18.37	22.102	
3,900.0	3,886.3	3,860.1	3,794.9	9.8	14.1	31.15	31.15	85.8	621.7	406.0	387.6	18.90	22.187	
4,000.0	3,985.7	3,959.2	3,891.3	10.1	14.6	31.23	31.23	89.1	644.3	419.4	400.5	19.43	22.265	
4,100.0	4,085.1	4,058.3	3,987.8	10.4	15.1	31.32	31.32	92.5	667.0	432.7	413.3	19.97	22.339	
4,200.0	4,184.5	4,157.4	4,084.2	10.6	15.6	31.39	31.39	95.8	689.6	446.1	426.1	20.50	22.408	
4,300.0	4,283.9	4,256.5	4,180.6	10.9	16.0	31.47	31.47	99.1	712.2	459.4	438.9	21.04	22.473	
4,400.0	4,383.3	4,355.6	4,277.1	11.2	16.5	31.54	31.54	102.5	734.8	472.7	451.7	21.57	22.534	
4,500.0	4,482.7	4,454.7	4,373.5	11.5	17.0	31.60	31.60	105.8	757.4	486.1	464.5	22.11	22.591	
4,600.0	4,582.1	4,553.8	4,469.9	11.8	17.5	31.66	31.66	109.1	780.1	499.4	477.3	22.60	22.750	
4,700.0	4,681.7	4,652.7	4,566.2	12.1	18.0	31.78	31.78	112.5	802.6	514.1	491.5	23.02	23.096	
4,800.0	4,781.5	4,751.1	4,661.9	12.3	18.5	31.73	31.73	115.8	825.1	531.7	508.7	23.40	23.597	
4,900.0	4,881.5	4,848.9	4,757.1	12.4	19.0	31.54	31.54	119.1	847.4	552.2	528.8	23.84	24.112	
5,000.0	4,981.5	4,946.2	4,851.8	12.6	19.5	93.86	93.86	122.3	869.6	574.7	550.9			

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design 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
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
5,100.0	5,081.5	5,043.5	4,946.4	12.8	20.0	93.39	93.39	125.6	891.8	597.3	573.0	24.27	24.609	
5,200.0	5,181.5	5,140.8	5,041.1	13.0	20.4	92.96	92.96	128.9	914.0	619.9	595.2	24.71	25.086	
5,300.0	5,281.5	5,238.1	5,135.8	13.2	20.9	92.55	92.55	132.1	936.2	642.6	617.4	25.16	25.545	
5,400.0	5,381.5	5,335.4	5,230.5	13.4	21.4	92.17	92.17	135.4	958.4	665.3	639.7	25.60	25.986	
5,500.0	5,481.5	5,432.7	5,325.2	13.6	21.9	91.82	91.82	138.7	980.7	688.0	661.9	26.05	26.410	
5,600.0	5,581.5	5,530.0	5,419.8	13.8	22.4	91.49	91.49	142.0	1,002.9	710.7	684.2	26.50	26.818	
5,700.0	5,681.5	5,627.3	5,514.5	14.0	22.9	91.19	91.19	145.2	1,025.1	733.5	706.5	26.96	27.211	
5,800.0	5,781.5	5,724.6	5,609.2	14.2	23.3	90.89	90.89	148.5	1,047.3	756.3	728.8	27.41	27.589	
5,900.0	5,881.5	5,846.4	5,728.0	14.4	23.8	90.57	90.57	152.4	1,073.7	778.0	750.1	27.90	27.886	
6,000.0	5,981.5	5,981.5	5,860.9	14.5	24.3	90.30	90.30	155.9	1,097.3	795.5	767.1	28.39	28.024	
6,100.0	6,081.5	6,118.6	5,996.9	14.7	24.6	90.11	90.11	158.5	1,114.8	808.3	779.4	28.86	28.008	
6,200.0	6,181.5	6,257.2	6,135.0	14.9	24.9	89.99	89.99	160.1	1,126.0	816.4	787.0	29.32	27.845	
6,300.0	6,281.5	6,396.5	6,274.2	15.1	25.1	89.95	89.95	160.8	1,130.6	819.7	789.9	29.76	27.541	
6,400.0	6,381.5	6,503.8	6,381.5	15.3	25.2	89.94	89.94	160.8	1,130.7	819.7	789.6	30.16	27.184	
6,500.0	6,481.5	6,603.8	6,481.5	15.5	25.3	89.94	89.94	160.8	1,130.7	819.7	789.2	30.55	26.836	
6,506.4	6,487.9	6,610.2	6,487.9	15.6	25.3	89.94	89.94	160.8	1,130.7	819.7	789.2	30.57	26.814	
6,600.0	6,581.5	6,702.9	6,580.4	15.7	25.4	90.31	90.31	155.5	1,130.8	819.8	788.8	30.94	26.498	
6,700.0	6,681.5	6,798.7	6,674.5	15.9	25.5	91.56	91.56	137.6	1,130.9	820.2	788.9	31.34	26.167	
6,800.0	6,781.2	6,890.5	6,761.5	16.1	25.6	-86.44	-86.44	108.9	1,131.0	821.4	789.7	31.69	25.921	
6,900.0	6,878.9	6,979.7	6,841.9	16.2	25.6	-84.84	-84.84	70.5	1,131.2	823.3	791.3	31.98	25.746	
7,000.0	6,972.8	7,066.7	6,915.2	16.3	25.7	-83.34	-83.34	23.7	1,131.5	825.6	793.4	32.20	25.639	
7,100.0	7,061.1	7,150.0	6,979.6	16.4	25.7	-81.99	-81.99	-29.2	1,131.8	828.2	795.8	32.40	25.558	
7,200.0	7,141.9	7,235.4	7,038.8	16.5	25.8	-80.74	-80.74	-90.7	1,132.2	830.9	798.2	32.66	25.442	
7,300.0	7,213.8	7,317.7	7,088.5	16.7	25.9	-79.67	-79.67	-156.3	1,132.5	833.5	800.5	33.03	25.233	
7,400.0	7,275.4	7,400.0	7,130.3	16.9	26.1	-78.76	-78.76	-227.1	1,132.9	836.0	802.3	33.63	24.857	
7,500.0	7,325.4	7,479.5	7,162.7	17.3	26.4	-78.06	-78.06	-299.5	1,133.3	838.0	803.5	34.54	24.264	
7,600.0	7,362.8	7,559.3	7,187.1	17.9	26.7	-77.53	-77.53	-375.6	1,133.8	839.6	803.8	35.81	23.448	
7,700.0	7,387.1	7,638.8	7,202.7	18.7	27.1	-77.21	-77.21	-453.4	1,134.2	840.7	803.2	37.46	22.439	
7,800.0	7,397.6	7,718.0	7,209.6	19.7	27.5	-77.08	-77.08	-532.3	1,134.6	841.1	801.6	39.47	21.307	
7,900.0	7,398.0	7,812.0	7,210.0	20.8	28.2	-77.08	-77.08	-626.3	1,135.2	841.1	799.4	41.67	20.182	
8,000.0	7,398.0	7,912.0	7,210.0	22.0	29.0	-77.08	-77.08	-726.3	1,135.7	841.1	797.0	44.06	19.087	
8,100.0	7,398.0	8,012.0	7,210.0	23.3	29.9	-77.08	-77.08	-826.3	1,136.3	841.1	794.4	46.64	18.034	
8,200.0	7,398.0	8,112.0	7,210.0	24.7	31.0	-77.08	-77.08	-926.3	1,136.8	841.1	791.7	49.36	17.038	
8,300.0	7,398.0	8,212.0	7,210.0	26.1	32.1	-77.08	-77.08	-1,026.3	1,137.4	841.1	788.9	52.22	16.106	
8,400.0	7,398.0	8,312.0	7,210.0	27.7	33.3	-77.08	-77.08	-1,126.3	1,138.0	841.1	785.9	55.19	15.240	
8,500.0	7,398.0	8,412.0	7,210.0	29.2	34.6	-77.08	-77.08	-1,226.3	1,138.5	841.1	782.8	58.25	14.440	
8,600.0	7,398.0	8,512.0	7,210.0	30.8	35.9	-77.08	-77.08	-1,326.3	1,139.1	841.1	779.7	61.39	13.702	
8,700.0	7,398.0	8,612.0	7,210.0	32.5	37.3	-77.08	-77.08	-1,426.3	1,139.6	841.1	776.5	64.59	13.022	
8,800.0	7,398.0	8,712.0	7,210.0	34.1	38.8	-77.08	-77.08	-1,526.3	1,140.2	841.1	773.2	67.85	12.396	
8,900.0	7,398.0	8,812.0	7,210.0	35.8	40.2	-77.08	-77.08	-1,626.3	1,140.8	841.1	769.9	71.17	11.819	
9,000.0	7,398.0	8,912.0	7,210.0	37.5	41.8	-77.08	-77.08	-1,726.3	1,141.3	841.1	766.6	74.53	11.286	
9,100.0	7,398.0	9,012.0	7,210.0	39.3	43.3	-77.08	-77.08	-1,826.3	1,141.9	841.1	763.2	77.92	10.795	
9,200.0	7,398.0	9,112.0	7,210.0	41.0	44.9	-77.08	-77.08	-1,926.2	1,142.5	841.1	759.8	81.35	10.340	
9,300.0	7,398.0	9,212.0	7,210.0	42.8	46.5	-77.08	-77.08	-2,026.2	1,143.0	841.1	756.3	84.80	9.918	
9,400.0	7,398.0	9,312.0	7,210.0	44.6	48.2	-77.08	-77.08	-2,126.2	1,143.6	841.1	752.8	88.29	9.527	
9,500.0	7,398.0	9,412.0	7,210.0	46.4	49.8	-77.08	-77.08	-2,226.2	1,144.1	841.1	749.3	91.79	9.164	
9,600.0	7,398.0	9,512.0	7,210.0	48.2	51.5	-77.08	-77.08	-2,326.2	1,144.7	841.1	745.8	95.32	8.825	
9,700.0	7,398.0	9,612.0	7,210.0	50.0	53.2	-77.09	-77.09	-2,426.2	1,145.3	841.1	742.3	98.86	8.508	
9,800.0	7,398.0	9,712.0	7,210.0	51.8	54.9	-77.09	-77.09	-2,526.2	1,145.8	841.2	738.7	102.42	8.213	
9,900.0	7,398.0	9,812.0	7,210.0	53.6	56.7	-77.09	-77.09	-2,626.2	1,146.4	841.2	735.2	105.99	7.936	
10,000.0	7,398.0	9,912.0	7,210.0	55.5	58.4	-77.09	-77.09	-2,726.2	1,146.9	841.2	731.6	109.58	7.676	

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

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Offset Design 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
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
10,100.0	7,398.0	10,012.0	7,210.0	57.3	60.1	-77.09	-2,826.2	1,147.5	841.2	728.0	113.18	7.432	
10,200.0	7,398.0	10,112.0	7,210.0	59.2	61.9	-77.09	-2,926.2	1,148.1	841.2	724.4	116.79	7.203	
10,300.0	7,398.0	10,212.0	7,210.0	61.0	63.7	-77.09	-3,026.2	1,148.6	841.2	720.8	120.41	6.986	
10,400.0	7,398.0	10,312.0	7,210.0	62.9	65.5	-77.09	-3,126.2	1,149.2	841.2	717.1	124.04	6.782	
10,500.0	7,398.0	10,412.0	7,210.0	64.7	67.3	-77.09	-3,226.2	1,149.8	841.2	713.5	127.67	6.589	
10,600.0	7,398.0	10,512.0	7,210.0	66.6	69.0	-77.09	-3,326.2	1,150.3	841.2	709.9	131.32	6.406	
10,700.0	7,398.0	10,612.0	7,210.0	68.4	70.8	-77.09	-3,426.2	1,150.9	841.2	706.2	134.97	6.233	
10,800.0	7,398.0	10,712.0	7,210.0	70.3	72.7	-77.09	-3,526.2	1,151.4	841.2	702.6	138.62	6.068	
10,900.0	7,398.0	10,812.0	7,210.0	72.2	74.5	-77.09	-3,626.2	1,152.0	841.2	698.9	142.29	5.912	
11,000.0	7,398.0	10,912.0	7,210.0	74.1	76.3	-77.09	-3,726.2	1,152.6	841.2	695.3	145.96	5.763	
11,100.0	7,398.0	11,012.0	7,210.0	75.9	78.1	-77.09	-3,826.2	1,153.1	841.2	691.6	149.63	5.622	
11,200.0	7,398.0	11,112.0	7,210.0	77.8	79.9	-77.09	-3,926.2	1,153.7	841.2	687.9	153.31	5.487	
11,300.0	7,398.0	11,212.0	7,210.0	79.7	81.8	-77.09	-4,026.2	1,154.2	841.2	684.2	156.99	5.358	
11,400.0	7,398.0	11,312.0	7,210.0	81.6	83.6	-77.09	-4,126.2	1,154.8	841.2	680.6	160.68	5.236	
11,500.0	7,398.0	11,412.0	7,210.0	83.5	85.5	-77.09	-4,226.2	1,155.4	841.2	676.9	164.37	5.118	
11,600.0	7,398.0	11,512.0	7,210.0	85.4	87.3	-77.09	-4,326.2	1,155.9	841.2	673.2	168.06	5.006	
11,700.0	7,398.0	11,612.0	7,210.0	87.3	89.2	-77.09	-4,426.2	1,156.5	841.2	669.5	171.76	4.898	
11,800.0	7,398.0	11,712.0	7,210.0	89.1	91.0	-77.09	-4,526.2	1,157.1	841.3	665.8	175.46	4.795	
11,900.0	7,398.0	11,812.0	7,210.0	91.0	92.9	-77.09	-4,626.2	1,157.6	841.3	662.1	179.16	4.696	
11,910.3	7,398.0	11,814.1	7,210.0	91.2	92.9	-77.09	-4,628.3	1,157.6	841.3	661.9	179.39	4.690 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	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	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
0.0	0.0	0.0	0.0	0.0	0.0	89.08		1.4	90.0	90.0				
100.0	100.0	100.0	100.0	0.1	0.1	89.08		1.4	90.0	90.0	89.8	0.22	400.631	
200.0	200.0	200.0	200.0	0.3	0.3	89.08		1.4	90.0	90.0	89.4	0.67	133.544 CC, ES	
300.0	300.0	296.9	296.9	0.6	0.5	88.99		1.6	91.7	91.7	90.6	1.11	82.727	
400.0	400.0	393.6	393.5	0.8	0.8	88.73		2.1	96.5	96.8	95.2	1.55	62.394	
500.0	500.0	489.9	489.4	1.0	1.0	88.36		3.0	104.6	105.2	103.2	2.01	52.238	
600.0	600.0	585.5	584.4	1.2	1.3	87.93		4.2	115.8	116.9	114.4	2.50	46.746	
700.0	700.0	680.3	678.0	1.5	1.6	87.49		5.7	130.0	131.9	128.9	3.02	43.688	
800.0	800.0	774.0	770.1	1.7	1.9	87.07		7.5	147.0	150.2	146.6	3.57	42.043	
900.0	900.0	866.5	860.5	1.9	2.3	86.70		9.6	166.8	171.7	167.5	4.16	41.229	
1,000.0	1,000.0	957.6	948.8	2.1	2.8	86.37		12.0	189.1	196.2	191.5	4.79	40.965	
1,100.0	1,100.0	1,052.4	1,040.2	2.4	3.3	86.08		14.7	214.3	223.0	217.5	5.47	40.749	
1,200.0	1,200.0	1,148.8	1,133.0	2.6	3.8	85.85		17.4	240.0	249.8	243.6	6.17	40.471	
1,300.0	1,300.0	1,245.1	1,225.8	2.8	4.3	85.66		20.2	265.7	276.6	269.8	6.88	40.200	
1,400.0	1,400.0	1,341.4	1,318.6	3.0	4.9	85.50		22.9	291.5	303.5	295.9	7.60	39.949	
1,500.0	1,500.0	1,438.2	1,411.8	3.3	5.4	22.52		25.7	317.3	328.8	322.1	6.71	49.012	
1,600.0	1,599.8	1,535.7	1,505.7	3.5	6.0	22.56		28.4	343.3	350.9	343.7	7.19	48.817	
1,700.0	1,699.5	1,633.8	1,600.2	3.7	6.5	22.82		31.2	369.5	369.9	362.2	7.67	48.204	
1,800.0	1,798.9	1,732.3	1,695.1	3.9	7.1	23.30		34.0	395.8	387.0	378.8	8.17	47.372	
1,900.0	1,898.3	1,830.8	1,790.0	4.2	7.6	23.75		36.8	422.1	404.0	395.4	8.67	46.602	
2,000.0	1,997.7	1,929.3	1,884.8	4.4	8.2	24.17		39.6	448.4	421.1	411.9	9.18	45.896	
2,100.0	2,097.1	2,027.8	1,979.7	4.7	8.7	24.55		42.4	474.7	438.2	428.5	9.69	45.246	
2,200.0	2,196.5	2,126.2	2,074.6	4.9	9.3	24.91		45.2	501.0	455.3	445.1	10.20	44.647	
2,300.0	2,295.9	2,224.7	2,169.4	5.2	9.9	25.24		48.0	527.2	472.5	461.8	10.72	44.093	
2,400.0	2,395.3	2,323.2	2,264.3	5.5	10.4	25.55		50.9	553.5	489.6	478.4	11.23	43.580	
2,500.0	2,494.7	2,421.7	2,359.2	5.7	11.0	25.83		53.7	579.8	506.8	495.0	11.76	43.103	
2,600.0	2,594.1	2,520.2	2,454.0	6.0	11.6	26.10		56.5	606.1	523.9	511.7	12.28	42.660	
2,700.0	2,693.5	2,618.7	2,548.9	6.3	12.1	26.35		59.3	632.4	541.1	528.3	12.81	42.246	
2,800.0	2,792.9	2,717.2	2,643.8	6.6	12.7	26.59		62.1	658.7	558.3	545.0	13.34	41.860	
2,900.0	2,892.3	2,815.6	2,738.7	6.9	13.2	26.81		64.9	685.0	575.5	561.7	13.87	41.497	
3,000.0	2,991.7	2,914.1	2,833.5	7.2	13.8	27.02		67.7	711.3	592.7	578.3	14.40	41.158	
3,100.0	3,091.1	3,012.6	2,928.4	7.4	14.4	27.21		70.5	737.6	609.9	595.0	14.94	40.839	
3,200.0	3,190.5	3,111.1	3,023.3	7.7	14.9	27.40		73.3	763.9	627.2	611.7	15.47	40.538	
3,300.0	3,289.9	3,209.6	3,118.1	8.0	15.5	27.57		76.1	790.1	644.4	628.4	16.01	40.255	
3,400.0	3,389.3	3,308.1	3,213.0	8.3	16.1	27.74		78.9	816.4	661.6	645.1	16.55	39.987	
3,500.0	3,488.7	3,406.6	3,307.9	8.6	16.6	27.90		81.7	842.7	678.9	661.8	17.09	39.734	
3,600.0	3,588.1	3,505.0	3,402.8	8.9	17.2	28.05		84.5	869.0	696.1	678.5	17.63	39.495	
3,700.0	3,687.5	3,603.5	3,497.6	9.2	17.8	28.19		87.3	895.3	713.4	695.2	18.17	39.268	
3,800.0	3,786.9	3,702.0	3,592.5	9.5	18.3	28.33		90.1	921.6	730.6	711.9	18.71	39.052	
3,900.0	3,886.3	3,800.5	3,687.4	9.8	18.9	28.46		92.9	947.9	747.9	728.6	19.25	38.847	
4,000.0	3,985.7	3,899.0	3,782.2	10.1	19.5	28.58		95.7	974.2	765.1	745.3	19.80	38.652	
4,100.0	4,085.1	3,997.5	3,877.1	10.4	20.0	28.70		98.5	1,000.5	782.4	762.1	20.34	38.466	
4,200.0	4,184.5	4,096.0	3,972.0	10.6	20.6	28.82		101.3	1,026.8	799.7	778.8	20.89	38.288	
4,300.0	4,283.9	4,194.4	4,066.9	10.9	21.2	28.92		104.1	1,053.0	816.9	795.5	21.43	38.119	
4,400.0	4,383.3	4,292.9	4,161.7	11.2	21.7	29.03		106.9	1,079.3	834.2	812.2	21.98	37.957	
4,500.0	4,482.7	4,391.4	4,256.6	11.5	22.3	29.13		109.7	1,105.6	851.5	828.9	22.52	37.802	
4,600.0	4,582.1	4,489.9	4,351.5	11.8	22.8	29.23		112.5	1,131.9	868.7	845.7	23.07	37.653 SF	
4,700.0	4,681.7	4,588.1	4,446.1	12.1	23.4	29.44		115.3	1,158.1	887.4	863.8	23.55	37.674	
4,800.0	4,781.5	4,685.8	4,540.1	12.3	24.0	29.59		118.1	1,184.2	909.0	885.0	23.97	37.916	
4,900.0	4,881.5	4,782.7	4,633.5	12.4	24.5	29.67		120.8	1,210.1	933.5	909.2	24.35	38.333	
5,000.0	4,981.5	4,879.0	4,726.3	12.6	25.1	29.26		123.6	1,235.8	960.0	935.2	24.82	38.688	

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

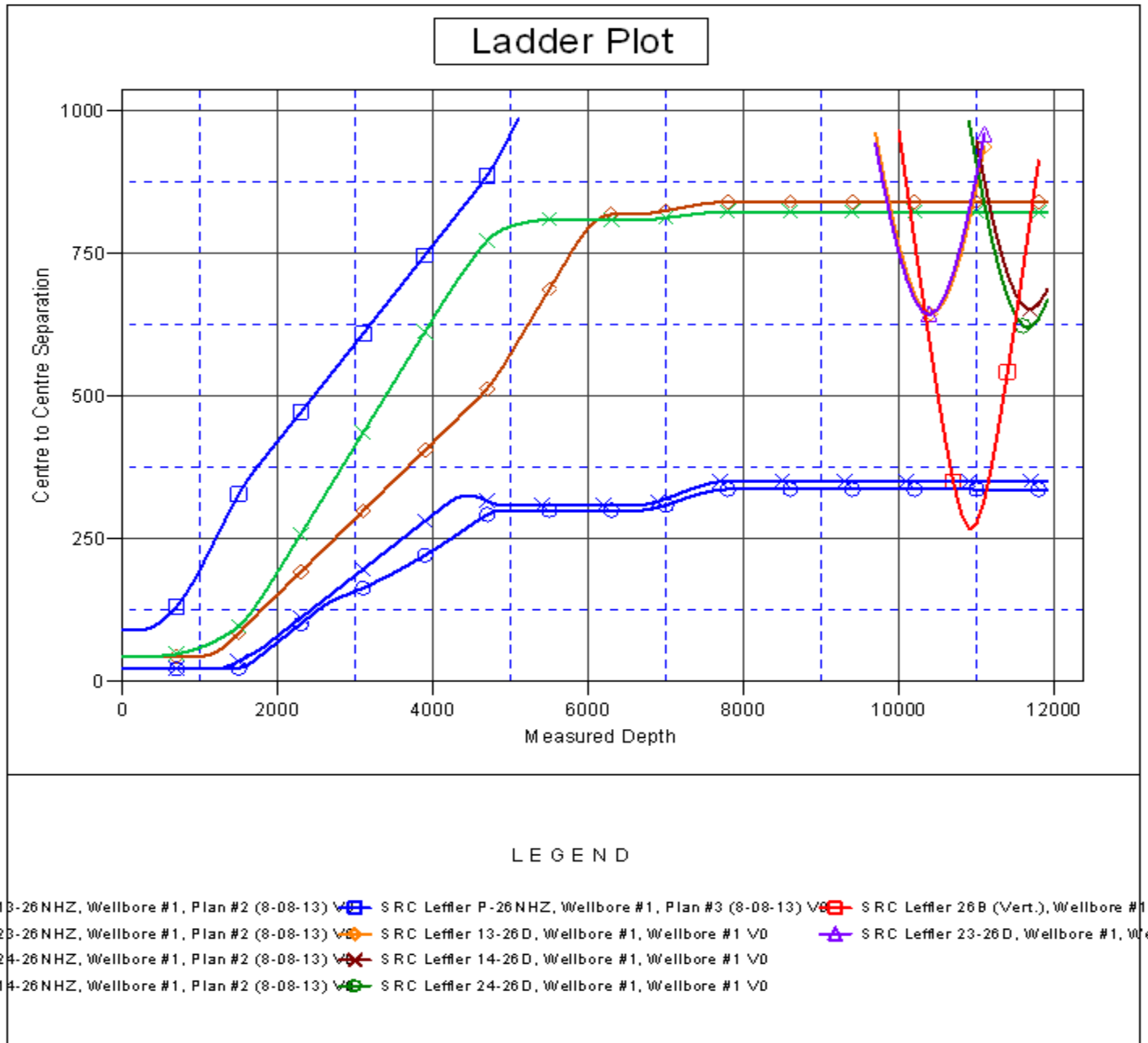
Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	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
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		
5,100.0	5,081.5	4,975.3	4,819.1	12.8	25.6	92.03	126.3	1,261.5	986.6	961.3	25.28	39.030		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4912.0ft (RKB-15')
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °

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



Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler B-26CHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-15')
Reference Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-15')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Leffler B-26CHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #2 (8-08-13)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4912.0ft (RKB-15')

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: SRC Leffler B-26CHZ

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°

