

Synergy Resources

Well Name: **SRC Leffler 24-26NHZ**

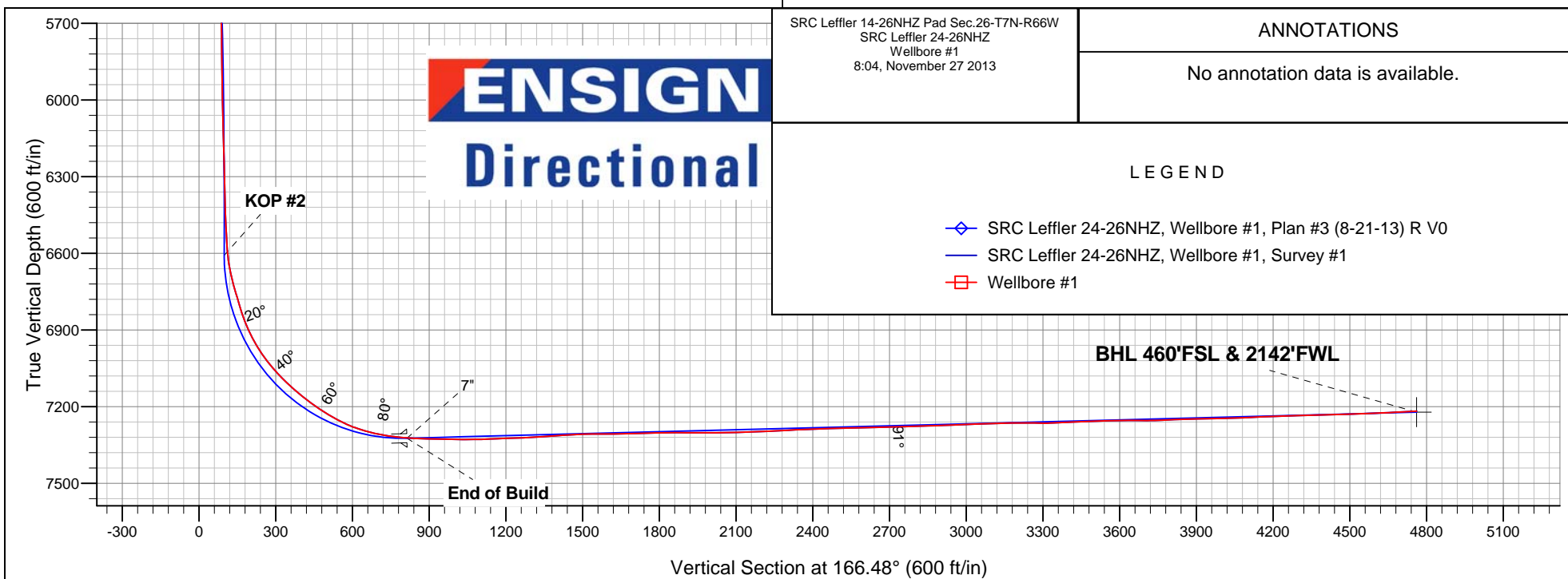
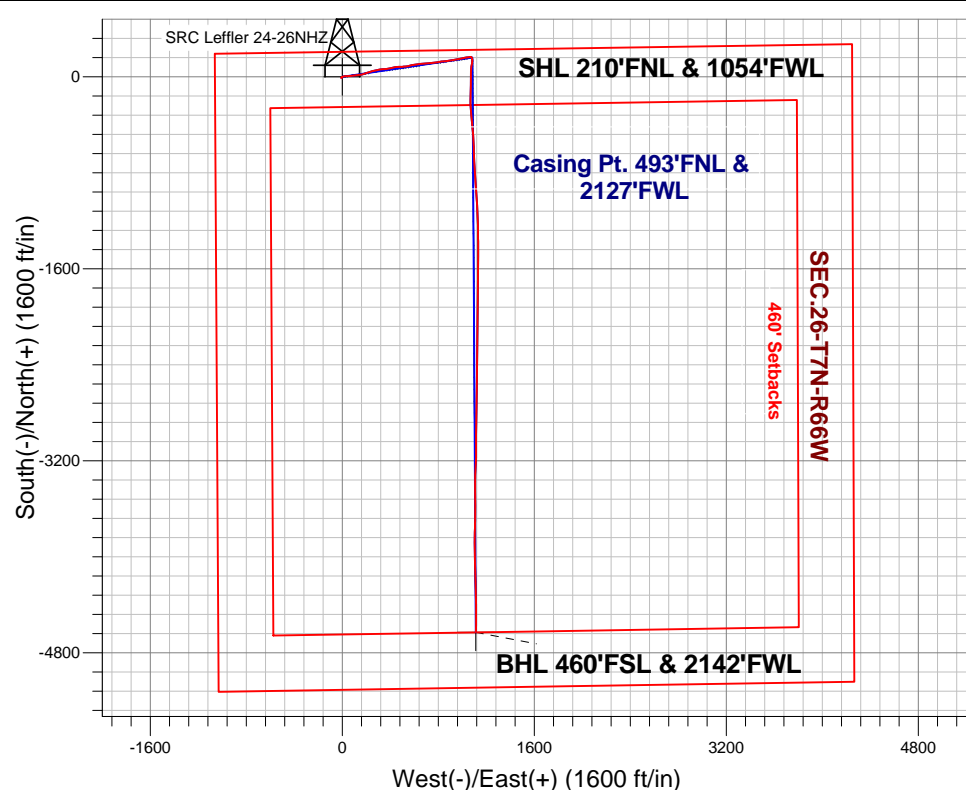
Surface Location: SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4900.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1445116.82	3208276.00	40.552829	-104.750480	

RKB-12' WELL @ 4912.0ft (RKB-12')

FINAL SURVEY

Projected Bottom Hole Location
11897' MD 7218' TVD 4629' S & 1115' E of SHL
93.1 degree Incl @ 180.1 degree AZM



SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W
SRC Leffler 24-26NHZ
Wellbore #1
8:04, November 27 2013

ANNOTATIONS

No annotation data is available.

LEGEND

- ◆ SRC Leffler 24-26NHZ, Wellbore #1, Plan #3 (8-21-13) R V0
- SRC Leffler 24-26NHZ, Wellbore #1, Survey #1
- ▬ Wellbore #1



Synergy Resources

SEC.26-T7N-R66W

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

SRC Leffler 24-26NHZ

Wellbore #1

Survey: Survey #1

Standard Survey Report

03 September, 2013

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler 24-26NHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-12')
Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-12')
Well:	SRC Leffler 24-26NHZ	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

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 24-26NHZ					
Well Position	+N/-S	0.0 ft	Northing:	1,445,116.82 ft	Latitude:	40.552829
	+E/-W	0.0 ft	Easting:	3,208,276.00 ft	Longitude:	-104.750480
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	8/21/2013	8.58	67.10	52,982

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	7,222.0	0.0	0.0	166.48	

Survey Program		Date	9/3/2013		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
97.0	11,897.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	173.50	1.0	0.0	0.0	0.0	0.31	0.31	0.00
SHL 210'FNL & 1054'FWL									
97.0	0.30	173.50	97.0	-0.3	0.0	0.3	0.31	0.31	0.00
223.0	0.30	192.60	223.0	-0.9	0.0	0.9	0.08	0.00	15.16
348.0	1.30	210.00	348.0	-2.4	-0.8	2.2	0.81	0.80	13.92
473.0	2.00	225.50	472.9	-5.2	-3.1	4.3	0.66	0.56	12.40
557.0	1.20	219.30	556.9	-6.9	-4.7	5.6	0.97	-0.95	-7.38
598.0	1.20	257.00	597.9	-7.3	-5.3	5.9	1.89	0.00	91.95
723.0	0.20	98.40	722.9	-7.7	-6.4	6.0	1.11	-0.80	-126.88
847.0	2.50	55.00	846.8	-6.1	-4.0	5.1	1.90	1.85	-35.00
972.0	3.90	55.30	971.6	-2.2	1.8	2.5	1.12	1.12	0.24
1,097.0	5.10	70.10	1,096.3	2.1	10.5	0.4	1.33	0.96	11.84

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Well:	SRC Leffler 24-26NHZ	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,222.0	6.20	88.20	1,220.7	4.2	22.4	1.1	1.66	0.88	14.48
1,347.0	8.10	88.20	1,344.7	4.7	38.0	4.3	1.52	1.52	0.00
1,472.0	9.60	86.10	1,468.2	5.7	57.2	7.8	1.23	1.20	-1.68
1,597.0	10.80	80.80	1,591.2	8.3	79.2	10.4	1.22	0.96	-4.24
1,722.0	11.20	86.30	1,713.9	11.0	102.8	13.4	0.90	0.32	4.40
1,847.0	12.50	83.80	1,836.3	13.2	128.4	17.2	1.12	1.04	-2.00
2,097.0	12.50	72.40	2,080.4	24.3	181.1	18.7	0.99	0.00	-4.56
2,222.0	13.30	73.30	2,202.2	32.5	207.8	16.9	0.66	0.64	0.72
2,346.0	13.50	71.00	2,322.8	41.3	235.1	14.8	0.46	0.16	-1.85
2,471.0	13.00	77.10	2,444.5	49.2	262.6	13.5	1.19	-0.40	4.88
2,596.0	12.90	76.30	2,566.3	55.7	289.9	13.6	0.16	-0.08	-0.64
2,722.0	13.40	84.00	2,689.0	60.5	318.1	15.5	1.44	0.40	6.11
2,847.0	14.20	87.30	2,810.4	62.8	347.8	20.3	0.90	0.64	2.64
2,972.0	14.30	78.50	2,931.6	66.6	378.2	23.7	1.73	0.08	-7.04
3,097.0	15.40	78.20	3,052.4	73.0	409.6	24.7	0.88	0.88	-0.24
3,224.0	12.80	79.20	3,175.6	79.1	439.9	25.9	2.06	-2.05	0.79
3,349.0	13.60	88.00	3,297.3	82.2	468.2	29.5	1.73	0.64	7.04
3,476.0	16.30	88.70	3,420.0	83.2	501.0	36.2	2.13	2.13	0.55
3,601.0	16.10	81.20	3,540.0	86.2	535.6	41.4	1.68	-0.16	-6.00
3,727.0	15.70	73.60	3,661.2	93.7	569.3	42.0	1.68	-0.32	-6.03
3,852.0	15.60	81.70	3,781.6	100.9	602.1	42.6	1.75	-0.08	6.48
3,978.0	15.30	83.10	3,903.1	105.3	635.4	46.1	0.38	-0.24	1.11
4,103.0	14.60	87.00	4,023.8	108.1	667.5	50.9	0.98	-0.56	3.12
4,229.0	17.10	85.90	4,145.0	110.3	701.8	56.8	2.00	1.98	-0.87
4,355.0	17.30	83.60	4,265.4	113.7	738.9	62.2	0.56	0.16	-1.83
4,480.0	16.40	82.10	4,385.0	118.2	774.9	66.2	0.80	-0.72	-1.20
4,605.0	15.10	79.40	4,505.3	123.6	808.4	68.7	1.19	-1.04	-2.16
4,731.0	13.60	85.20	4,627.4	127.9	839.3	71.8	1.65	-1.19	4.60
4,857.0	12.50	82.90	4,750.2	130.8	867.6	75.6	0.97	-0.87	-1.83
4,983.0	12.00	81.40	4,873.3	134.5	894.0	78.2	0.47	-0.40	-1.19
5,108.0	12.70	81.50	4,995.4	138.4	920.5	80.6	0.56	0.56	0.08
5,234.0	13.60	77.80	5,118.1	143.6	948.7	82.1	0.98	0.71	-2.94
5,360.0	11.90	81.20	5,241.0	148.7	976.0	83.5	1.47	-1.35	2.70
5,486.0	9.80	78.40	5,364.7	152.9	999.3	84.9	1.72	-1.67	-2.22
5,612.0	8.30	74.00	5,489.1	157.5	1,018.6	84.9	1.31	-1.19	-3.49
5,739.0	7.90	85.00	5,614.9	160.8	1,036.1	85.8	1.26	-0.31	8.66
5,865.0	6.90	82.20	5,739.8	162.6	1,052.2	87.8	0.84	-0.79	-2.22
5,990.0	4.50	85.90	5,864.2	164.0	1,064.5	89.4	1.94	-1.92	2.96
6,115.0	2.60	94.20	5,989.0	164.1	1,072.3	91.1	1.57	-1.52	6.64
6,241.0	2.20	140.90	6,114.9	162.0	1,076.6	94.1	1.54	-0.32	37.06
6,367.0	1.60	137.80	6,240.8	158.9	1,079.3	97.8	0.48	-0.48	-2.46
6,493.0	1.40	142.00	6,366.8	156.3	1,081.5	100.8	0.18	-0.16	3.33
6,619.0	2.70	173.60	6,492.7	152.2	1,082.7	105.1	1.33	1.03	25.08
6,651.0	3.10	172.60	6,524.6	150.6	1,082.9	106.7	1.26	1.25	-3.13
6,683.0	3.00	170.80	6,556.6	148.9	1,083.2	108.4	0.43	-0.31	-5.63
6,714.0	4.70	168.00	6,587.5	146.8	1,083.6	110.5	5.52	5.48	-9.03
6,746.0	6.90	172.60	6,619.3	143.7	1,084.1	113.7	7.02	6.88	14.38
6,777.0	9.80	182.10	6,650.0	139.2	1,084.2	118.1	10.33	9.35	30.65
6,808.0	12.90	185.80	6,680.4	133.1	1,083.8	123.9	10.27	10.00	11.94
6,840.0	15.50	183.80	6,711.4	125.3	1,083.1	131.4	8.27	8.13	-6.25
6,871.0	16.80	186.10	6,741.2	116.7	1,082.4	139.6	4.67	4.19	7.42
6,903.0	18.10	188.10	6,771.7	107.2	1,081.2	148.5	4.47	4.06	6.25
6,934.0	18.00	190.70	6,801.2	97.7	1,079.6	157.4	2.62	-0.32	8.39
6,966.0	19.10	190.90	6,831.5	87.7	1,077.7	166.7	3.44	3.44	0.63

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Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-12')
Well:	SRC Leffler 24-26NHZ	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,998.0	22.20	188.40	6,861.5	76.6	1,075.9	177.0	10.07	9.69	-7.81
7,030.0	24.70	185.10	6,890.8	63.9	1,074.4	189.0	8.82	7.81	-10.31
7,061.0	27.30	182.40	6,918.7	50.4	1,073.5	202.0	9.21	8.39	-8.71
7,092.0	29.90	180.50	6,945.9	35.5	1,073.1	216.3	8.88	8.39	-6.13
7,123.0	32.70	179.80	6,972.4	19.4	1,073.1	231.9	9.11	9.03	-2.26
7,155.0	35.50	178.70	6,998.9	1.5	1,073.3	249.4	8.96	8.75	-3.44
7,186.0	38.40	179.80	7,023.7	-17.1	1,073.6	267.6	9.59	9.35	3.55
7,218.0	41.40	181.40	7,048.2	-37.7	1,073.4	287.5	9.91	9.38	5.00
7,249.0	43.40	181.40	7,071.1	-58.6	1,072.8	307.7	6.45	6.45	0.00
7,281.0	46.30	182.10	7,093.8	-81.1	1,072.2	329.5	9.19	9.06	2.19
7,313.0	48.30	182.60	7,115.5	-104.6	1,071.2	352.1	6.35	6.25	1.56
7,344.0	50.30	182.40	7,135.7	-128.1	1,070.2	374.7	6.47	6.45	-0.65
7,375.0	51.80	181.00	7,155.2	-152.2	1,069.5	398.0	5.98	4.84	-4.52
7,407.0	53.60	180.70	7,174.6	-177.6	1,069.1	422.6	5.67	5.63	-0.94
7,438.0	54.90	179.60	7,192.7	-202.8	1,069.0	447.1	5.09	4.19	-3.55
7,470.0	56.50	178.00	7,210.7	-229.2	1,069.6	472.9	6.49	5.00	-5.00
7,502.0	58.60	176.50	7,227.9	-256.2	1,070.9	499.4	7.66	6.56	-4.69
7,533.0	61.00	174.90	7,243.5	-282.9	1,072.9	525.8	8.93	7.74	-5.16
7,564.0	63.80	174.50	7,257.9	-310.3	1,075.4	553.0	9.10	9.03	-1.29
7,596.0	66.70	175.00	7,271.3	-339.2	1,078.1	581.8	9.17	9.06	1.56
7,627.0	70.00	175.40	7,282.7	-367.9	1,080.5	610.3	10.71	10.65	1.29
7,659.0	73.80	174.20	7,292.6	-398.2	1,083.2	640.4	12.40	11.88	-3.75
7,691.0	76.60	174.50	7,300.8	-429.0	1,086.3	671.0	8.80	8.75	0.94
7,722.0	78.30	174.90	7,307.5	-459.1	1,089.1	701.0	5.63	5.48	1.29
7,754.0	80.60	175.70	7,313.4	-490.4	1,091.7	732.0	7.60	7.19	2.50
7,785.0	82.70	177.20	7,317.9	-521.1	1,093.6	762.2	8.29	6.77	4.84
7,809.0	84.80	177.50	7,320.5	-544.9	1,094.7	785.7	8.84	8.75	1.25
7,850.0	87.20	178.70	7,323.4	-585.8	1,096.0	825.7	6.54	5.85	2.93
7,882.0	87.50	178.20	7,324.8	-617.7	1,096.9	857.0	1.82	0.94	-1.56
7,913.0	88.50	178.60	7,325.9	-648.7	1,097.7	887.3	3.47	3.23	1.29
7,945.0	88.80	177.70	7,326.7	-680.7	1,098.8	918.6	2.96	0.94	-2.81
7,976.0	89.10	176.80	7,327.3	-711.6	1,100.3	949.1	3.06	0.97	-2.90
8,008.0	89.10	176.80	7,327.8	-743.6	1,102.1	980.6	0.00	0.00	0.00
8,039.0	89.10	176.30	7,328.2	-774.5	1,103.9	1,011.1	1.61	0.00	-1.61
8,071.0	90.30	176.10	7,328.4	-806.4	1,106.0	1,042.6	3.80	3.75	-0.63
8,102.0	90.40	175.80	7,328.2	-837.4	1,108.2	1,073.2	1.02	0.32	-0.97
8,134.0	91.10	175.60	7,327.8	-869.3	1,110.6	1,104.8	2.28	2.19	-0.63
8,165.0	92.00	175.70	7,327.0	-900.2	1,113.0	1,135.4	2.92	2.90	0.32
8,196.0	92.20	175.60	7,325.8	-931.0	1,115.3	1,166.0	0.72	0.65	-0.32
8,228.0	92.10	175.90	7,324.6	-962.9	1,117.7	1,197.5	0.99	-0.31	0.94
8,260.0	91.90	176.30	7,323.5	-994.8	1,119.9	1,229.1	1.40	-0.63	1.25
8,291.0	92.70	176.60	7,322.3	-1,025.8	1,121.8	1,259.6	2.76	2.58	0.97
8,323.0	93.10	176.80	7,320.6	-1,057.7	1,123.6	1,291.0	1.40	1.25	0.63
8,354.0	93.50	177.20	7,318.9	-1,088.6	1,125.3	1,321.4	1.82	1.29	1.29
8,386.0	93.60	177.70	7,316.9	-1,120.5	1,126.7	1,352.8	1.59	0.31	1.56
8,418.0	93.60	178.20	7,314.9	-1,152.4	1,127.8	1,384.1	1.56	0.00	1.56
8,449.0	93.60	178.20	7,312.9	-1,183.3	1,128.8	1,414.4	0.00	0.00	0.00
8,481.0	93.60	178.20	7,310.9	-1,215.2	1,129.8	1,445.7	0.00	0.00	0.00
8,513.0	93.30	178.40	7,309.0	-1,247.2	1,130.7	1,476.9	1.13	-0.94	0.63
8,544.0	91.70	178.40	7,307.6	-1,278.1	1,131.6	1,507.2	5.16	-5.16	0.00
8,576.0	90.00	179.10	7,307.2	-1,310.1	1,132.3	1,538.5	5.75	-5.31	2.19
8,607.0	89.80	179.30	7,307.2	-1,341.1	1,132.7	1,568.7	0.91	-0.65	0.65
8,638.0	90.90	179.60	7,307.0	-1,372.1	1,133.0	1,598.9	3.68	3.55	0.97
8,670.0	90.50	179.40	7,306.6	-1,404.1	1,133.3	1,630.1	1.40	-1.25	-0.63

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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,702.0	90.00	180.00	7,306.5	-1,436.1	1,133.5	1,661.3	2.44	-1.56	1.88
8,733.0	91.50	180.70	7,306.1	-1,467.1	1,133.3	1,691.4	5.34	4.84	2.26
8,764.0	92.50	180.80	7,305.0	-1,498.1	1,132.9	1,721.4	3.24	3.23	0.32
8,796.0	92.10	180.50	7,303.7	-1,530.0	1,132.5	1,752.4	1.56	-1.25	-0.94
8,827.0	91.10	180.50	7,302.9	-1,561.0	1,132.2	1,782.5	3.23	-3.23	0.00
8,859.0	90.20	180.00	7,302.5	-1,593.0	1,132.1	1,813.5	3.22	-2.81	-1.56
8,890.0	90.00	180.80	7,302.4	-1,624.0	1,131.9	1,843.6	2.66	-0.65	2.58
8,922.0	90.00	181.20	7,302.4	-1,656.0	1,131.3	1,874.6	1.25	0.00	1.25
8,953.0	89.90	180.70	7,302.5	-1,687.0	1,130.8	1,904.6	1.64	-0.32	-1.61
8,985.0	89.90	180.50	7,302.5	-1,719.0	1,130.5	1,935.6	0.63	0.00	-0.63
9,017.0	91.00	180.80	7,302.3	-1,751.0	1,130.1	1,966.7	3.56	3.44	0.94
9,048.0	89.70	180.50	7,302.1	-1,782.0	1,129.8	1,996.7	4.30	-4.19	-0.97
9,079.0	90.60	179.80	7,302.0	-1,813.0	1,129.7	2,026.9	3.68	2.90	-2.26
9,111.0	90.00	179.30	7,301.8	-1,845.0	1,129.9	2,058.0	2.44	-1.88	-1.56
9,142.0	91.50	180.50	7,301.4	-1,876.0	1,130.0	2,088.2	6.20	4.84	3.87
9,174.0	91.90	180.50	7,300.5	-1,908.0	1,129.7	2,119.2	1.25	1.25	0.00
9,205.0	91.60	180.30	7,299.5	-1,939.0	1,129.5	2,149.3	1.16	-0.97	-0.65
9,237.0	92.10	180.50	7,298.5	-1,971.0	1,129.3	2,180.3	1.68	1.56	0.63
9,268.0	92.60	180.00	7,297.2	-2,001.9	1,129.1	2,210.4	2.28	1.61	-1.61
9,300.0	93.00	180.10	7,295.7	-2,033.9	1,129.1	2,241.5	1.29	1.25	0.31
9,332.0	92.90	180.80	7,294.0	-2,065.8	1,128.9	2,272.5	2.21	-0.31	2.19
9,363.0	92.60	181.20	7,292.5	-2,096.8	1,128.3	2,302.5	1.61	-0.97	1.29
9,395.0	92.70	181.50	7,291.1	-2,128.8	1,127.6	2,333.4	0.99	0.31	0.94
9,427.0	92.50	181.00	7,289.6	-2,160.7	1,126.9	2,364.3	1.68	-0.63	-1.56
9,458.0	92.40	180.50	7,288.3	-2,191.7	1,126.5	2,394.3	1.64	-0.32	-1.61
9,489.0	91.80	181.00	7,287.1	-2,222.7	1,126.1	2,424.3	2.52	-1.94	1.61
9,521.0	91.50	181.00	7,286.2	-2,254.7	1,125.5	2,455.3	0.94	-0.94	0.00
9,552.0	91.90	181.40	7,285.3	-2,285.6	1,124.9	2,485.2	1.82	1.29	1.29
9,584.0	91.60	180.80	7,284.3	-2,317.6	1,124.2	2,516.2	2.10	-0.94	-1.88
9,615.0	91.30	180.80	7,283.5	-2,348.6	1,123.8	2,546.2	0.97	-0.97	0.00
9,647.0	91.20	180.80	7,282.8	-2,380.6	1,123.4	2,577.2	0.31	-0.31	0.00
9,679.0	91.50	181.20	7,282.1	-2,412.6	1,122.8	2,608.2	1.56	0.94	1.25
9,711.0	91.10	180.30	7,281.4	-2,444.6	1,122.4	2,639.2	3.08	-1.25	-2.81
9,742.0	91.50	180.30	7,280.7	-2,475.6	1,122.2	2,669.3	1.29	1.29	0.00
9,774.0	91.50	180.00	7,279.8	-2,507.5	1,122.1	2,700.4	0.94	0.00	-0.94
9,806.0	91.80	181.00	7,278.9	-2,539.5	1,121.9	2,731.4	3.26	0.94	3.13
9,837.0	91.50	181.00	7,278.0	-2,570.5	1,121.3	2,761.4	0.97	-0.97	0.00
9,868.0	91.30	180.50	7,277.2	-2,601.5	1,120.9	2,791.4	1.74	-0.65	-1.61
9,899.0	91.60	180.70	7,276.5	-2,632.5	1,120.6	2,821.5	1.16	0.97	0.65
9,931.0	91.60	180.50	7,275.6	-2,664.5	1,120.3	2,852.5	0.62	0.00	-0.63
9,962.0	91.80	180.10	7,274.6	-2,695.5	1,120.1	2,882.6	1.44	0.65	-1.29
9,994.0	92.00	179.60	7,273.6	-2,727.4	1,120.2	2,913.7	1.68	0.63	-1.56
10,025.0	91.80	180.50	7,272.6	-2,758.4	1,120.1	2,943.8	2.97	-0.65	2.90
10,057.0	92.00	180.50	7,271.5	-2,790.4	1,119.9	2,974.9	0.63	0.63	0.00
10,088.0	92.60	181.00	7,270.3	-2,821.4	1,119.5	3,004.9	2.52	1.94	1.61
10,120.0	92.80	180.80	7,268.7	-2,853.3	1,119.0	3,035.8	0.88	0.63	-0.63
10,151.0	92.90	180.80	7,267.2	-2,884.3	1,118.5	3,065.8	0.32	0.32	0.00
10,183.0	92.10	180.80	7,265.8	-2,916.3	1,118.1	3,096.8	2.50	-2.50	0.00
10,214.0	91.50	181.50	7,264.8	-2,947.2	1,117.5	3,126.8	2.97	-1.94	2.26
10,246.0	90.60	181.00	7,264.3	-2,979.2	1,116.8	3,157.7	3.22	-2.81	-1.56
10,277.0	90.00	180.30	7,264.1	-3,010.2	1,116.4	3,187.8	2.97	-1.94	-2.26
10,309.0	89.10	179.80	7,264.3	-3,042.2	1,116.4	3,218.9	3.22	-2.81	-1.56
10,340.0	89.20	179.80	7,264.8	-3,073.2	1,116.5	3,249.1	0.32	0.32	0.00
10,372.0	90.00	180.30	7,265.0	-3,105.2	1,116.5	3,280.2	2.95	2.50	1.56

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler 24-26NHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-12')
Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-12')
Well:	SRC Leffler 24-26NHZ	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,404.0	90.70	180.80	7,264.8	-3,137.2	1,116.2	3,311.2	2.69	2.19	1.56
10,435.0	91.90	181.70	7,264.1	-3,168.2	1,115.5	3,341.2	4.84	3.87	2.90
10,467.0	92.90	182.60	7,262.8	-3,200.1	1,114.3	3,372.0	4.20	3.13	2.81
10,498.0	92.80	182.40	7,261.2	-3,231.1	1,112.9	3,401.7	0.72	-0.32	-0.65
10,530.0	92.60	182.30	7,259.7	-3,263.0	1,111.6	3,432.5	0.70	-0.63	-0.31
10,561.0	92.60	182.40	7,258.3	-3,294.0	1,110.3	3,462.2	0.32	0.00	0.32
10,592.0	91.50	181.70	7,257.2	-3,324.9	1,109.2	3,492.1	4.21	-3.55	-2.26
10,624.0	91.20	181.20	7,256.5	-3,356.9	1,108.4	3,523.0	1.82	-0.94	-1.56
10,655.0	91.50	180.80	7,255.7	-3,387.9	1,107.9	3,553.0	1.61	0.97	-1.29
10,687.0	91.60	180.70	7,254.9	-3,419.9	1,107.5	3,584.0	0.44	0.31	-0.31
10,718.0	90.70	179.80	7,254.2	-3,450.9	1,107.3	3,614.1	4.11	-2.90	-2.90
10,750.0	89.30	178.60	7,254.2	-3,482.9	1,107.8	3,645.3	5.76	-4.38	-3.75
10,781.0	89.50	178.90	7,254.6	-3,513.9	1,108.5	3,675.6	1.16	0.65	0.97
10,813.0	90.20	179.30	7,254.7	-3,545.8	1,109.0	3,706.8	2.52	2.19	1.25
10,844.0	91.40	179.80	7,254.2	-3,576.8	1,109.2	3,737.0	4.19	3.87	1.61
10,875.0	92.20	180.50	7,253.3	-3,607.8	1,109.1	3,767.1	3.43	2.58	2.26
10,906.0	93.20	181.20	7,251.8	-3,638.8	1,108.7	3,797.1	3.94	3.23	2.26
10,937.0	92.40	181.20	7,250.3	-3,669.7	1,108.0	3,827.1	2.58	-2.58	0.00
10,969.0	91.40	181.20	7,249.2	-3,701.7	1,107.3	3,858.0	3.13	-3.13	0.00
11,000.0	91.30	181.70	7,248.5	-3,732.7	1,106.6	3,888.0	1.64	-0.32	1.61
11,031.0	90.90	181.50	7,247.9	-3,763.7	1,105.7	3,917.9	1.44	-1.29	-0.65
11,063.0	90.90	180.70	7,247.4	-3,795.7	1,105.1	3,948.8	2.50	0.00	-2.50
11,094.0	91.20	180.70	7,246.8	-3,826.7	1,104.7	3,978.9	0.97	0.97	0.00
11,126.0	91.50	180.70	7,246.1	-3,858.7	1,104.3	4,009.9	0.94	0.94	0.00
11,157.0	91.80	180.00	7,245.2	-3,889.6	1,104.1	4,040.0	2.46	0.97	-2.26
11,189.0	92.50	180.00	7,244.0	-3,921.6	1,104.1	4,071.1	2.19	2.19	0.00
11,220.0	92.90	179.80	7,242.5	-3,952.6	1,104.2	4,101.2	1.44	1.29	-0.65
11,251.0	92.40	178.70	7,241.1	-3,983.5	1,104.6	4,131.4	3.89	-1.61	-3.55
11,282.0	92.10	178.70	7,239.9	-4,014.5	1,105.3	4,161.7	0.97	-0.97	0.00
11,314.0	91.50	178.20	7,238.9	-4,046.5	1,106.2	4,192.9	2.44	-1.88	-1.56
11,345.0	92.00	178.60	7,237.9	-4,077.5	1,107.0	4,223.3	2.07	1.61	1.29
11,377.0	91.80	178.00	7,236.8	-4,109.4	1,108.0	4,254.6	1.98	-0.63	-1.88
11,408.0	92.10	178.00	7,235.8	-4,140.4	1,109.0	4,284.9	0.97	0.97	0.00
11,439.0	92.00	177.50	7,234.7	-4,171.3	1,110.3	4,315.3	1.64	-0.32	-1.61
11,471.0	91.80	178.20	7,233.6	-4,203.3	1,111.5	4,346.7	2.27	-0.63	2.19
11,502.0	90.90	178.60	7,232.9	-4,234.3	1,112.3	4,377.0	3.18	-2.90	1.29
11,533.0	91.10	178.90	7,232.4	-4,265.3	1,113.0	4,407.3	1.16	0.65	0.97
11,565.0	91.50	178.70	7,231.6	-4,297.3	1,113.7	4,438.5	1.40	1.25	-0.63
11,596.0	92.10	178.90	7,230.7	-4,328.2	1,114.3	4,468.8	2.04	1.94	0.65
11,627.0	92.00	178.60	7,229.5	-4,359.2	1,115.0	4,499.1	1.02	-0.32	-0.97
11,659.0	92.10	179.60	7,228.4	-4,391.2	1,115.5	4,530.3	3.14	0.31	3.13
11,690.0	91.60	180.00	7,227.4	-4,422.2	1,115.6	4,560.4	2.07	-1.61	1.29
11,722.0	92.10	179.30	7,226.4	-4,454.1	1,115.8	4,591.6	2.69	1.56	-2.19
11,754.0	92.40	180.10	7,225.1	-4,486.1	1,116.0	4,622.7	2.67	0.94	2.50
11,785.0	93.00	180.80	7,223.6	-4,517.1	1,115.7	4,652.8	2.97	1.94	2.26
11,817.0	92.80	180.50	7,222.0	-4,549.0	1,115.4	4,683.7	1.13	-0.63	-0.94
11,842.0	93.10	180.10	7,220.7	-4,574.0	1,115.2	4,708.0	2.00	1.20	-1.60
11,897.0	93.10	180.10	7,217.8	-4,628.9	1,115.1	4,761.3	0.00	0.00	0.00

BHL 460'FSL & 2140'FWL

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Leffler 24-26NHZ
Project:	SEC.26-T7N-R66W	TVD Reference:	WELL @ 4912.0ft (RKB-12')
Site:	SRC Leffler 14-26NHZ Pad Sec.26-T7N-R66W	MD Reference:	WELL @ 4912.0ft (RKB-12')
Well:	SRC Leffler 24-26NHZ	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Checked By: _____	Approved By: _____	Date: _____
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