

# Synergy Resources

Well Name: **SRC Gilbert A-14-11NHZE**

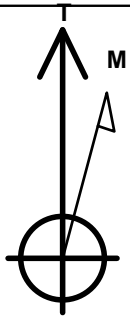
Surface Location: SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone  
Ground Elevation: 4839.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1389104.50	3210760.40	40.399025	-104.743260	

RKB-12' WELL @ 4851.0ft (RKB-12')

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2482'FSL & 2312'FEL, Sec.14	1.0	0.0	0.0	Point
BHL 480'FNL & 2204'FWL, Sec.11	7281.0	7844.1	-1446.8	Point



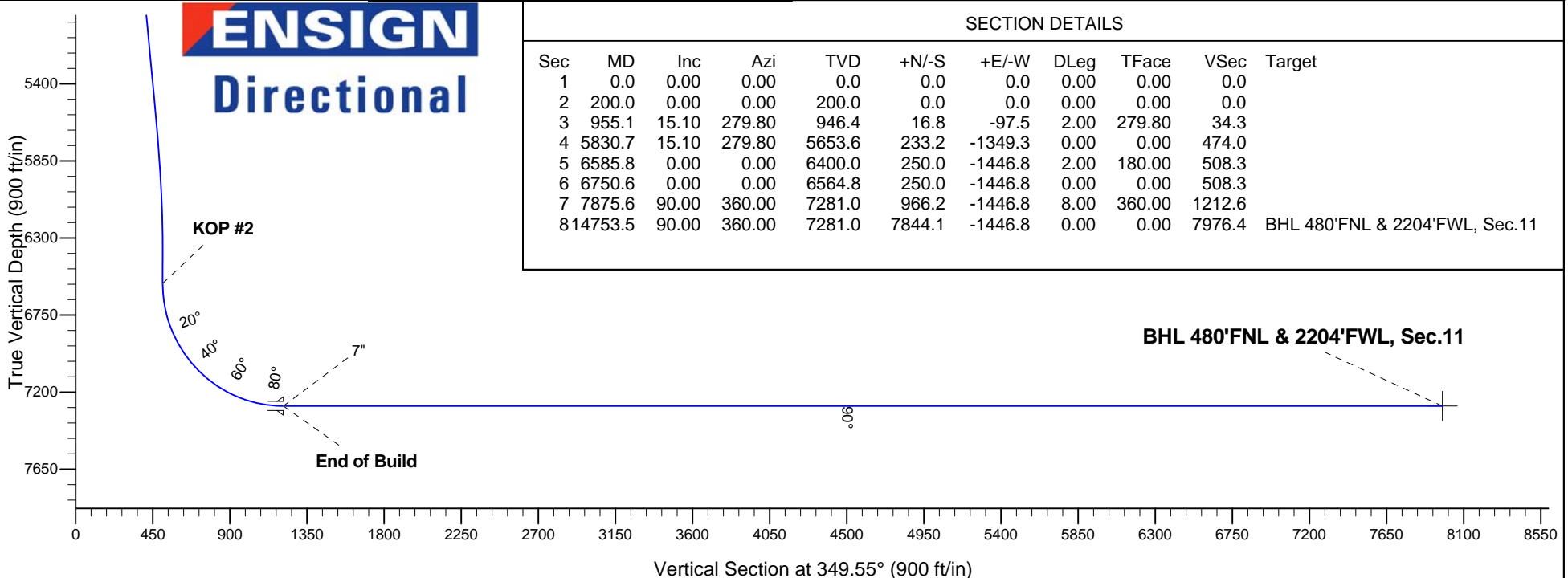
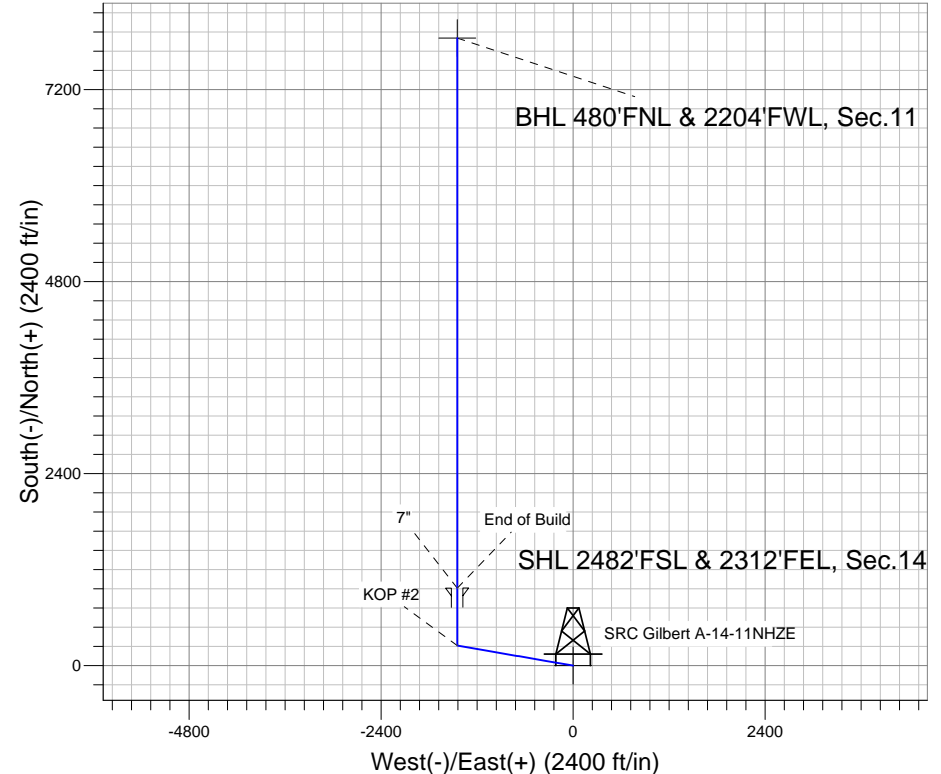
Azimuths to True North  
Magnetic North: 8.57°

Magnetic Field  
Strength: 52909.2srT  
Dip Angle: 66.98°  
Date: 7/30/2013  
Model: IGRF2010

**SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W**  
SRC Gilbert A-14-11NHZE  
Plan #1 (7-30-13)  
16:33, July 30 2013

## ANNOTATIONS

TVD	MD	Annotation
200.0	200.0	KOP #1
6564.8	6750.6	KOP #2
7281.0	7875.6	End of Build





## **Directional**

### **Synergy Resources**

**SEC.14-T5N-R66W**

**SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W**

**SRC Gilbert A-14-11NHZE**

**Wellbore #1**

**Plan: Plan #1 (7-30-13)**

### **Standard Planning Report**

**30 July, 2013**

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

<b>Project</b>	SEC.14-T5N-R66W		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Colorado Northern Zone		Using geodetic scale factor

Site						SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W											
Site Position:						Northing:			1,389,074.67 ft			Latitude:			40.398941		
From:			Lat/Long			Easting:			3,210,850.06 ft			Longitude:			-104.742939		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.49 °		

Well	SRC Gilbert A-14-11NHZE					
Well Position	+N/-S	30.6 ft	Northing:	1,389,104.50 ft	Latitude:	40.399025
	+E/-W	-89.4 ft	Easting:	3,210,760.40 ft	Longitude:	-104.743260
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,839.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	7/30/2013	8.57	66.98	52,909

<b>Design</b>	Plan #1 (7-30-13)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	349.55

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
955.1	15.10	279.80	946.4	16.8	-97.5	2.00	2.00	0.00	279.80	
5,830.7	15.10	279.80	5,653.6	233.2	-1,349.3	0.00	0.00	0.00	0.00	
6,585.8	0.00	0.00	6,400.0	250.0	-1,446.8	2.00	-2.00	0.00	180.00	
6,750.6	0.00	0.00	6,564.8	250.0	-1,446.8	0.00	0.00	0.00	0.00	
7,875.6	90.00	360.00	7,281.0	966.2	-1,446.8	8.00	8.00	0.00	360.00	
14,753.5	90.00	360.00	7,281.0	7,844.1	-1,446.8	0.00	0.00	0.00	0.00	BHL 480'FNL & 220'

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

## 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
<b>SHL 2482'FSL &amp; 2312'FEL, Sec.14</b>									
40.0	0.00	0.00	40.0	0.0	0.0	0.0	0.00	0.00	0.00
80.0	0.00	0.00	80.0	0.0	0.0	0.0	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	0.00
160.0	0.00	0.00	160.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>KOP #1</b>									
240.0	0.80	279.80	240.0	0.0	-0.3	0.1	2.00	2.00	0.00
280.0	1.60	279.80	280.0	0.2	-1.1	0.4	2.00	2.00	0.00
320.0	2.40	279.80	320.0	0.4	-2.5	0.9	2.00	2.00	0.00
360.0	3.20	279.80	359.9	0.8	-4.4	1.5	2.00	2.00	0.00
400.0	4.00	279.80	399.8	1.2	-6.9	2.4	2.00	2.00	0.00
440.0	4.80	279.80	439.7	1.7	-9.9	3.5	2.00	2.00	0.00
480.0	5.60	279.80	479.6	2.3	-13.5	4.7	2.00	2.00	0.00
520.0	6.40	279.80	519.3	3.0	-17.6	6.2	2.00	2.00	0.00
560.0	7.20	279.80	559.1	3.8	-22.3	7.8	2.00	2.00	0.00
600.0	8.00	279.80	598.7	4.7	-27.5	9.7	2.00	2.00	0.00
640.0	8.80	279.80	638.3	5.7	-33.2	11.7	2.00	2.00	0.00
680.0	9.60	279.80	677.8	6.8	-39.5	13.9	2.00	2.00	0.00
720.0	10.40	279.80	717.1	8.0	-46.4	16.3	2.00	2.00	0.00
760.0	11.20	279.80	756.4	9.3	-53.8	18.9	2.00	2.00	0.00
800.0	12.00	279.80	795.6	10.7	-61.7	21.7	2.00	2.00	0.00
840.0	12.80	279.80	834.7	12.1	-70.2	24.6	2.00	2.00	0.00
880.0	13.60	279.80	873.6	13.7	-79.2	27.8	2.00	2.00	0.00
920.0	14.40	279.80	912.4	15.3	-88.7	31.2	2.00	2.00	0.00
955.1	15.10	279.80	946.4	16.8	-97.5	34.3	2.00	2.00	0.00
960.0	15.10	279.80	951.1	17.1	-98.8	34.7	0.00	0.00	0.00
1,000.0	15.10	279.80	989.7	18.8	-109.0	38.3	0.00	0.00	0.00
1,040.0	15.10	279.80	1,028.4	20.6	-119.3	41.9	0.00	0.00	0.00
1,080.0	15.10	279.80	1,067.0	22.4	-129.6	45.5	0.00	0.00	0.00
1,120.0	15.10	279.80	1,105.6	24.2	-139.8	49.1	0.00	0.00	0.00
1,160.0	15.10	279.80	1,144.2	25.9	-150.1	52.7	0.00	0.00	0.00
1,200.0	15.10	279.80	1,182.8	27.7	-160.4	56.3	0.00	0.00	0.00
1,240.0	15.10	279.80	1,221.4	29.5	-170.6	59.9	0.00	0.00	0.00
1,280.0	15.10	279.80	1,260.1	31.3	-180.9	63.6	0.00	0.00	0.00
1,320.0	15.10	279.80	1,298.7	33.0	-191.2	67.2	0.00	0.00	0.00
1,360.0	15.10	279.80	1,337.3	34.8	-201.4	70.8	0.00	0.00	0.00
1,400.0	15.10	279.80	1,375.9	36.6	-211.7	74.4	0.00	0.00	0.00
1,440.0	15.10	279.80	1,414.5	38.4	-222.0	78.0	0.00	0.00	0.00
1,480.0	15.10	279.80	1,453.2	40.1	-232.3	81.6	0.00	0.00	0.00
1,520.0	15.10	279.80	1,491.8	41.9	-242.5	85.2	0.00	0.00	0.00
1,560.0	15.10	279.80	1,530.4	43.7	-252.8	88.8	0.00	0.00	0.00
1,600.0	15.10	279.80	1,569.0	45.5	-263.1	92.4	0.00	0.00	0.00
1,640.0	15.10	279.80	1,607.6	47.2	-273.3	96.0	0.00	0.00	0.00
1,680.0	15.10	279.80	1,646.3	49.0	-283.6	99.6	0.00	0.00	0.00
1,720.0	15.10	279.80	1,684.9	50.8	-293.9	103.2	0.00	0.00	0.00
1,760.0	15.10	279.80	1,723.5	52.6	-304.1	106.9	0.00	0.00	0.00
1,800.0	15.10	279.80	1,762.1	54.3	-314.4	110.5	0.00	0.00	0.00
1,840.0	15.10	279.80	1,800.7	56.1	-324.7	114.1	0.00	0.00	0.00
1,880.0	15.10	279.80	1,839.3	57.9	-335.0	117.7	0.00	0.00	0.00
1,920.0	15.10	279.80	1,878.0	59.7	-345.2	121.3	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

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)	
1,960.0	15.10	279.80	1,916.6	61.4	-355.5	124.9	0.00	0.00	0.00	
2,000.0	15.10	279.80	1,955.2	63.2	-365.8	128.5	0.00	0.00	0.00	
2,040.0	15.10	279.80	1,993.8	65.0	-376.0	132.1	0.00	0.00	0.00	
2,080.0	15.10	279.80	2,032.4	66.8	-386.3	135.7	0.00	0.00	0.00	
2,120.0	15.10	279.80	2,071.1	68.5	-396.6	139.3	0.00	0.00	0.00	
2,160.0	15.10	279.80	2,109.7	70.3	-406.8	142.9	0.00	0.00	0.00	
2,200.0	15.10	279.80	2,148.3	72.1	-417.1	146.5	0.00	0.00	0.00	
2,240.0	15.10	279.80	2,186.9	73.9	-427.4	150.1	0.00	0.00	0.00	
2,280.0	15.10	279.80	2,225.5	75.6	-437.7	153.8	0.00	0.00	0.00	
2,320.0	15.10	279.80	2,264.1	77.4	-447.9	157.4	0.00	0.00	0.00	
2,360.0	15.10	279.80	2,302.8	79.2	-458.2	161.0	0.00	0.00	0.00	
2,400.0	15.10	279.80	2,341.4	80.9	-468.5	164.6	0.00	0.00	0.00	
2,440.0	15.10	279.80	2,380.0	82.7	-478.7	168.2	0.00	0.00	0.00	
2,480.0	15.10	279.80	2,418.6	84.5	-489.0	171.8	0.00	0.00	0.00	
2,520.0	15.10	279.80	2,457.2	86.3	-499.3	175.4	0.00	0.00	0.00	
2,560.0	15.10	279.80	2,495.9	88.0	-509.5	179.0	0.00	0.00	0.00	
2,600.0	15.10	279.80	2,534.5	89.8	-519.8	182.6	0.00	0.00	0.00	
2,640.0	15.10	279.80	2,573.1	91.6	-530.1	186.2	0.00	0.00	0.00	
2,680.0	15.10	279.80	2,611.7	93.4	-540.3	189.8	0.00	0.00	0.00	
2,720.0	15.10	279.80	2,650.3	95.1	-550.6	193.4	0.00	0.00	0.00	
2,760.0	15.10	279.80	2,688.9	96.9	-560.9	197.0	0.00	0.00	0.00	
2,800.0	15.10	279.80	2,727.6	98.7	-571.2	200.7	0.00	0.00	0.00	
2,840.0	15.10	279.80	2,766.2	100.5	-581.4	204.3	0.00	0.00	0.00	
2,880.0	15.10	279.80	2,804.8	102.2	-591.7	207.9	0.00	0.00	0.00	
2,920.0	15.10	279.80	2,843.4	104.0	-602.0	211.5	0.00	0.00	0.00	
2,960.0	15.10	279.80	2,882.0	105.8	-612.2	215.1	0.00	0.00	0.00	
3,000.0	15.10	279.80	2,920.7	107.6	-622.5	218.7	0.00	0.00	0.00	
3,040.0	15.10	279.80	2,959.3	109.3	-632.8	222.3	0.00	0.00	0.00	
3,080.0	15.10	279.80	2,997.9	111.1	-643.0	225.9	0.00	0.00	0.00	
3,120.0	15.10	279.80	3,036.5	112.9	-653.3	229.5	0.00	0.00	0.00	
3,160.0	15.10	279.80	3,075.1	114.7	-663.6	233.1	0.00	0.00	0.00	
3,200.0	15.10	279.80	3,113.8	116.4	-673.9	236.7	0.00	0.00	0.00	
3,240.0	15.10	279.80	3,152.4	118.2	-684.1	240.3	0.00	0.00	0.00	
3,280.0	15.10	279.80	3,191.0	120.0	-694.4	243.9	0.00	0.00	0.00	
3,320.0	15.10	279.80	3,229.6	121.8	-704.7	247.6	0.00	0.00	0.00	
3,360.0	15.10	279.80	3,268.2	123.5	-714.9	251.2	0.00	0.00	0.00	
3,400.0	15.10	279.80	3,306.8	125.3	-725.2	254.8	0.00	0.00	0.00	
3,440.0	15.10	279.80	3,345.5	127.1	-735.5	258.4	0.00	0.00	0.00	
3,480.0	15.10	279.80	3,384.1	128.9	-745.7	262.0	0.00	0.00	0.00	
3,520.0	15.10	279.80	3,422.7	130.6	-756.0	265.6	0.00	0.00	0.00	
3,560.0	15.10	279.80	3,461.3	132.4	-766.3	269.2	0.00	0.00	0.00	
3,600.0	15.10	279.80	3,499.9	134.2	-776.5	272.8	0.00	0.00	0.00	
3,640.0	15.10	279.80	3,538.6	136.0	-786.8	276.4	0.00	0.00	0.00	
3,680.0	15.10	279.80	3,577.2	137.7	-797.1	280.0	0.00	0.00	0.00	
3,720.0	15.10	279.80	3,615.8	139.5	-807.4	283.6	0.00	0.00	0.00	
3,760.0	15.10	279.80	3,654.4	141.3	-817.6	287.2	0.00	0.00	0.00	
3,800.0	15.10	279.80	3,693.0	143.1	-827.9	290.9	0.00	0.00	0.00	
3,840.0	15.10	279.80	3,731.6	144.8	-838.2	294.5	0.00	0.00	0.00	
3,880.0	15.10	279.80	3,770.3	146.6	-848.4	298.1	0.00	0.00	0.00	
3,920.0	15.10	279.80	3,808.9	148.4	-858.7	301.7	0.00	0.00	0.00	
3,960.0	15.10	279.80	3,847.5	150.2	-869.0	305.3	0.00	0.00	0.00	
4,000.0	15.10	279.80	3,886.1	151.9	-879.2	308.9	0.00	0.00	0.00	
4,040.0	15.10	279.80	3,924.7	153.7	-889.5	312.5	0.00	0.00	0.00	

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<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad	<b>North Reference:</b>	True
	Sec.14-T5N-R66W		
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

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)
4,080.0	15.10	279.80	3,963.4	155.5	-899.8	316.1	0.00	0.00	0.00
4,120.0	15.10	279.80	4,002.0	157.3	-910.1	319.7	0.00	0.00	0.00
4,160.0	15.10	279.80	4,040.6	159.0	-920.3	323.3	0.00	0.00	0.00
4,200.0	15.10	279.80	4,079.2	160.8	-930.6	326.9	0.00	0.00	0.00
4,240.0	15.10	279.80	4,117.8	162.6	-940.9	330.5	0.00	0.00	0.00
4,280.0	15.10	279.80	4,156.4	164.4	-951.1	334.1	0.00	0.00	0.00
4,320.0	15.10	279.80	4,195.1	166.1	-961.4	337.8	0.00	0.00	0.00
4,360.0	15.10	279.80	4,233.7	167.9	-971.7	341.4	0.00	0.00	0.00
4,400.0	15.10	279.80	4,272.3	169.7	-981.9	345.0	0.00	0.00	0.00
4,440.0	15.10	279.80	4,310.9	171.5	-992.2	348.6	0.00	0.00	0.00
4,480.0	15.10	279.80	4,349.5	173.2	-1,002.5	352.2	0.00	0.00	0.00
4,520.0	15.10	279.80	4,388.2	175.0	-1,012.8	355.8	0.00	0.00	0.00
4,560.0	15.10	279.80	4,426.8	176.8	-1,023.0	359.4	0.00	0.00	0.00
4,600.0	15.10	279.80	4,465.4	178.6	-1,033.3	363.0	0.00	0.00	0.00
4,640.0	15.10	279.80	4,504.0	180.3	-1,043.6	366.6	0.00	0.00	0.00
4,680.0	15.10	279.80	4,542.6	182.1	-1,053.8	370.2	0.00	0.00	0.00
4,720.0	15.10	279.80	4,581.3	183.9	-1,064.1	373.8	0.00	0.00	0.00
4,760.0	15.10	279.80	4,619.9	185.7	-1,074.4	377.4	0.00	0.00	0.00
4,800.0	15.10	279.80	4,658.5	187.4	-1,084.6	381.0	0.00	0.00	0.00
4,840.0	15.10	279.80	4,697.1	189.2	-1,094.9	384.7	0.00	0.00	0.00
4,880.0	15.10	279.80	4,735.7	191.0	-1,105.2	388.3	0.00	0.00	0.00
4,920.0	15.10	279.80	4,774.3	192.7	-1,115.4	391.9	0.00	0.00	0.00
4,960.0	15.10	279.80	4,813.0	194.5	-1,125.7	395.5	0.00	0.00	0.00
5,000.0	15.10	279.80	4,851.6	196.3	-1,136.0	399.1	0.00	0.00	0.00
5,040.0	15.10	279.80	4,890.2	198.1	-1,146.3	402.7	0.00	0.00	0.00
5,080.0	15.10	279.80	4,928.8	199.8	-1,156.5	406.3	0.00	0.00	0.00
5,120.0	15.10	279.80	4,967.4	201.6	-1,166.8	409.9	0.00	0.00	0.00
5,160.0	15.10	279.80	5,006.1	203.4	-1,177.1	413.5	0.00	0.00	0.00
5,200.0	15.10	279.80	5,044.7	205.2	-1,187.3	417.1	0.00	0.00	0.00
5,240.0	15.10	279.80	5,083.3	206.9	-1,197.6	420.7	0.00	0.00	0.00
5,280.0	15.10	279.80	5,121.9	208.7	-1,207.9	424.3	0.00	0.00	0.00
5,320.0	15.10	279.80	5,160.5	210.5	-1,218.1	428.0	0.00	0.00	0.00
5,360.0	15.10	279.80	5,199.1	212.3	-1,228.4	431.6	0.00	0.00	0.00
5,400.0	15.10	279.80	5,237.8	214.0	-1,238.7	435.2	0.00	0.00	0.00
5,440.0	15.10	279.80	5,276.4	215.8	-1,249.0	438.8	0.00	0.00	0.00
5,480.0	15.10	279.80	5,315.0	217.6	-1,259.2	442.4	0.00	0.00	0.00
5,520.0	15.10	279.80	5,353.6	219.4	-1,269.5	446.0	0.00	0.00	0.00
5,560.0	15.10	279.80	5,392.2	221.1	-1,279.8	449.6	0.00	0.00	0.00
5,600.0	15.10	279.80	5,430.9	222.9	-1,290.0	453.2	0.00	0.00	0.00
5,640.0	15.10	279.80	5,469.5	224.7	-1,300.3	456.8	0.00	0.00	0.00
5,680.0	15.10	279.80	5,508.1	226.5	-1,310.6	460.4	0.00	0.00	0.00
5,720.0	15.10	279.80	5,546.7	228.2	-1,320.8	464.0	0.00	0.00	0.00
5,760.0	15.10	279.80	5,585.3	230.0	-1,331.1	467.6	0.00	0.00	0.00
5,800.0	15.10	279.80	5,624.0	231.8	-1,341.4	471.2	0.00	0.00	0.00
5,830.7	15.10	279.80	5,653.6	233.2	-1,349.3	474.0	0.00	0.00	0.00
5,840.0	14.92	279.80	5,662.6	233.6	-1,351.6	474.8	2.00	-2.00	0.00
5,880.0	14.12	279.80	5,701.3	235.3	-1,361.5	478.3	2.00	-2.00	0.00
5,920.0	13.32	279.80	5,740.2	236.9	-1,370.9	481.6	2.00	-2.00	0.00
5,960.0	12.52	279.80	5,779.1	238.4	-1,379.7	484.7	2.00	-2.00	0.00
6,000.0	11.72	279.80	5,818.3	239.8	-1,387.9	487.6	2.00	-2.00	0.00
6,040.0	10.92	279.80	5,857.5	241.2	-1,395.7	490.3	2.00	-2.00	0.00
6,080.0	10.12	279.80	5,896.8	242.4	-1,402.9	492.8	2.00	-2.00	0.00
6,120.0	9.32	279.80	5,936.2	243.6	-1,409.5	495.2	2.00	-2.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad	<b>North Reference:</b>	True
	Sec.14-T5N-R66W		
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

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)
6,160.0	8.52	279.80	5,975.7	244.6	-1,415.6	497.3	2.00	-2.00	0.00
6,200.0	7.72	279.80	6,015.3	245.6	-1,421.2	499.3	2.00	-2.00	0.00
6,240.0	6.92	279.80	6,055.0	246.5	-1,426.2	501.1	2.00	-2.00	0.00
6,280.0	6.12	279.80	6,094.8	247.2	-1,430.7	502.6	2.00	-2.00	0.00
6,320.0	5.32	279.80	6,134.6	247.9	-1,434.6	504.0	2.00	-2.00	0.00
6,360.0	4.52	279.80	6,174.4	248.5	-1,438.0	505.2	2.00	-2.00	0.00
6,400.0	3.72	279.80	6,214.3	249.0	-1,440.8	506.2	2.00	-2.00	0.00
6,440.0	2.92	279.80	6,254.2	249.4	-1,443.1	507.0	2.00	-2.00	0.00
6,480.0	2.12	279.80	6,294.2	249.7	-1,444.8	507.6	2.00	-2.00	0.00
6,520.0	1.32	279.80	6,334.2	249.9	-1,446.0	508.0	2.00	-2.00	0.00
6,560.0	0.52	279.80	6,374.2	250.0	-1,446.6	508.2	2.00	-2.00	0.00
6,585.8	0.00	0.00	6,400.0	250.0	-1,446.8	508.3	2.00	-2.00	0.00
6,600.0	0.00	0.00	6,414.2	250.0	-1,446.8	508.3	0.00	0.00	0.00
6,640.0	0.00	0.00	6,454.2	250.0	-1,446.8	508.3	0.00	0.00	0.00
6,680.0	0.00	0.00	6,494.2	250.0	-1,446.8	508.3	0.00	0.00	0.00
6,720.0	0.00	0.00	6,534.2	250.0	-1,446.8	508.3	0.00	0.00	0.00
6,750.6	0.00	0.00	6,564.8	250.0	-1,446.8	508.3	0.00	0.00	0.00
<b>KOP #2</b>									
6,760.0	0.75	360.00	6,574.2	250.1	-1,446.8	508.3	7.98	7.98	0.00
6,800.0	3.95	360.00	6,614.1	251.7	-1,446.8	509.9	8.00	8.00	0.00
6,840.0	7.15	360.00	6,653.9	255.6	-1,446.8	513.7	8.00	8.00	0.00
6,880.0	10.35	360.00	6,693.5	261.7	-1,446.8	519.7	8.00	8.00	0.00
6,920.0	13.55	360.00	6,732.6	269.9	-1,446.8	527.9	8.00	8.00	0.00
6,960.0	16.75	360.00	6,771.2	280.4	-1,446.8	538.2	8.00	8.00	0.00
7,000.0	19.95	360.00	6,809.2	293.0	-1,446.8	550.5	8.00	8.00	0.00
7,040.0	23.15	360.00	6,846.4	307.7	-1,446.8	565.0	8.00	8.00	0.00
7,080.0	26.35	360.00	6,882.7	324.4	-1,446.8	581.4	8.00	8.00	0.00
7,120.0	29.55	360.00	6,918.0	343.2	-1,446.8	599.9	8.00	8.00	0.00
7,160.0	32.75	360.00	6,952.2	363.8	-1,446.8	620.2	8.00	8.00	0.00
7,200.0	35.95	360.00	6,985.3	386.4	-1,446.8	642.4	8.00	8.00	0.00
7,240.0	39.15	360.00	7,017.0	410.8	-1,446.8	666.4	8.00	8.00	0.00
7,280.0	42.35	360.00	7,047.3	436.9	-1,446.8	692.1	8.00	8.00	0.00
7,320.0	45.55	360.00	7,076.1	464.7	-1,446.8	719.4	8.00	8.00	0.00
7,360.0	48.75	360.00	7,103.3	494.0	-1,446.8	748.2	8.00	8.00	0.00
7,400.0	51.95	360.00	7,128.8	524.8	-1,446.8	778.5	8.00	8.00	0.00
7,440.0	55.15	360.00	7,152.6	556.9	-1,446.8	810.1	8.00	8.00	0.00
7,480.0	58.35	360.00	7,174.5	590.4	-1,446.8	843.0	8.00	8.00	0.00
7,520.0	61.55	360.00	7,194.5	625.0	-1,446.8	877.1	8.00	8.00	0.00
7,560.0	64.75	360.00	7,212.6	660.7	-1,446.8	912.1	8.00	8.00	0.00
7,600.0	67.95	360.00	7,228.6	697.3	-1,446.8	948.2	8.00	8.00	0.00
7,640.0	71.15	360.00	7,242.6	734.8	-1,446.8	985.0	8.00	8.00	0.00
7,680.0	74.35	360.00	7,254.4	773.0	-1,446.8	1,022.6	8.00	8.00	0.00
7,720.0	77.55	360.00	7,264.2	811.8	-1,446.8	1,060.7	8.00	8.00	0.00
7,760.0	80.75	360.00	7,271.7	851.1	-1,446.8	1,099.4	8.00	8.00	0.00
7,800.0	83.95	360.00	7,277.0	890.7	-1,446.8	1,138.4	8.00	8.00	0.00
7,840.0	87.15	360.00	7,280.1	930.6	-1,446.8	1,177.6	8.00	8.00	0.00
7,875.6	90.00	360.00	7,281.0	966.2	-1,446.8	1,212.6	8.00	8.00	0.00
<b>End of Build - 7"</b>									
7,880.0	90.00	360.00	7,281.0	970.6	-1,446.8	1,216.9	0.05	0.05	0.00
7,920.0	90.00	360.00	7,281.0	1,010.6	-1,446.8	1,256.2	0.00	0.00	0.00
7,960.0	90.00	360.00	7,281.0	1,050.6	-1,446.8	1,295.6	0.00	0.00	0.00
8,000.0	90.00	360.00	7,281.0	1,090.6	-1,446.8	1,334.9	0.00	0.00	0.00
8,040.0	90.00	360.00	7,281.0	1,130.6	-1,446.8	1,374.2	0.00	0.00	0.00



<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

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)
8,080.0	90.00	360.00	7,281.0	1,170.6	-1,446.8	1,413.6	0.00	0.00	0.00
8,120.0	90.00	360.00	7,281.0	1,210.6	-1,446.8	1,452.9	0.00	0.00	0.00
8,160.0	90.00	360.00	7,281.0	1,250.6	-1,446.8	1,492.2	0.00	0.00	0.00
8,200.0	90.00	360.00	7,281.0	1,290.6	-1,446.8	1,531.6	0.00	0.00	0.00
8,240.0	90.00	360.00	7,281.0	1,330.6	-1,446.8	1,570.9	0.00	0.00	0.00
8,280.0	90.00	360.00	7,281.0	1,370.6	-1,446.8	1,610.3	0.00	0.00	0.00
8,320.0	90.00	360.00	7,281.0	1,410.6	-1,446.8	1,649.6	0.00	0.00	0.00
8,360.0	90.00	360.00	7,281.0	1,450.6	-1,446.8	1,688.9	0.00	0.00	0.00
8,400.0	90.00	360.00	7,281.0	1,490.6	-1,446.8	1,728.3	0.00	0.00	0.00
8,440.0	90.00	360.00	7,281.0	1,530.6	-1,446.8	1,767.6	0.00	0.00	0.00
8,480.0	90.00	360.00	7,281.0	1,570.6	-1,446.8	1,806.9	0.00	0.00	0.00
8,520.0	90.00	360.00	7,281.0	1,610.6	-1,446.8	1,846.3	0.00	0.00	0.00
8,560.0	90.00	360.00	7,281.0	1,650.6	-1,446.8	1,885.6	0.00	0.00	0.00
8,600.0	90.00	360.00	7,281.0	1,690.6	-1,446.8	1,924.9	0.00	0.00	0.00
8,640.0	90.00	360.00	7,281.0	1,730.6	-1,446.8	1,964.3	0.00	0.00	0.00
8,680.0	90.00	360.00	7,281.0	1,770.6	-1,446.8	2,003.6	0.00	0.00	0.00
8,720.0	90.00	360.00	7,281.0	1,810.6	-1,446.8	2,043.0	0.00	0.00	0.00
8,760.0	90.00	360.00	7,281.0	1,850.6	-1,446.8	2,082.3	0.00	0.00	0.00
8,800.0	90.00	360.00	7,281.0	1,890.6	-1,446.8	2,121.6	0.00	0.00	0.00
8,840.0	90.00	360.00	7,281.0	1,930.6	-1,446.8	2,161.0	0.00	0.00	0.00
8,880.0	90.00	360.00	7,281.0	1,970.6	-1,446.8	2,200.3	0.00	0.00	0.00
8,920.0	90.00	360.00	7,281.0	2,010.6	-1,446.8	2,239.6	0.00	0.00	0.00
8,960.0	90.00	360.00	7,281.0	2,050.6	-1,446.8	2,279.0	0.00	0.00	0.00
9,000.0	90.00	360.00	7,281.0	2,090.6	-1,446.8	2,318.3	0.00	0.00	0.00
9,040.0	90.00	360.00	7,281.0	2,130.6	-1,446.8	2,357.6	0.00	0.00	0.00
9,080.0	90.00	360.00	7,281.0	2,170.6	-1,446.8	2,397.0	0.00	0.00	0.00
9,120.0	90.00	360.00	7,281.0	2,210.6	-1,446.8	2,436.3	0.00	0.00	0.00
9,160.0	90.00	360.00	7,281.0	2,250.6	-1,446.8	2,475.7	0.00	0.00	0.00
9,200.0	90.00	360.00	7,281.0	2,290.6	-1,446.8	2,515.0	0.00	0.00	0.00
9,240.0	90.00	360.00	7,281.0	2,330.6	-1,446.8	2,554.3	0.00	0.00	0.00
9,280.0	90.00	360.00	7,281.0	2,370.6	-1,446.8	2,593.7	0.00	0.00	0.00
9,320.0	90.00	360.00	7,281.0	2,410.6	-1,446.8	2,633.0	0.00	0.00	0.00
9,360.0	90.00	360.00	7,281.0	2,450.6	-1,446.8	2,672.3	0.00	0.00	0.00
9,400.0	90.00	360.00	7,281.0	2,490.6	-1,446.8	2,711.7	0.00	0.00	0.00
9,440.0	90.00	360.00	7,281.0	2,530.6	-1,446.8	2,751.0	0.00	0.00	0.00
9,480.0	90.00	360.00	7,281.0	2,570.6	-1,446.8	2,790.3	0.00	0.00	0.00
9,520.0	90.00	360.00	7,281.0	2,610.6	-1,446.8	2,829.7	0.00	0.00	0.00
9,560.0	90.00	360.00	7,281.0	2,650.6	-1,446.8	2,869.0	0.00	0.00	0.00
9,600.0	90.00	360.00	7,281.0	2,690.6	-1,446.8	2,908.4	0.00	0.00	0.00
9,640.0	90.00	360.00	7,281.0	2,730.6	-1,446.8	2,947.7	0.00	0.00	0.00
9,680.0	90.00	360.00	7,281.0	2,770.6	-1,446.8	2,987.0	0.00	0.00	0.00
9,720.0	90.00	360.00	7,281.0	2,810.6	-1,446.8	3,026.4	0.00	0.00	0.00
9,760.0	90.00	360.00	7,281.0	2,850.6	-1,446.8	3,065.7	0.00	0.00	0.00
9,800.0	90.00	360.00	7,281.0	2,890.6	-1,446.8	3,105.0	0.00	0.00	0.00
9,840.0	90.00	360.00	7,281.0	2,930.6	-1,446.8	3,144.4	0.00	0.00	0.00
9,880.0	90.00	360.00	7,281.0	2,970.6	-1,446.8	3,183.7	0.00	0.00	0.00
9,920.0	90.00	360.00	7,281.0	3,010.6	-1,446.8	3,223.1	0.00	0.00	0.00
9,960.0	90.00	360.00	7,281.0	3,050.6	-1,446.8	3,262.4	0.00	0.00	0.00
10,000.0	90.00	360.00	7,281.0	3,090.6	-1,446.8	3,301.7	0.00	0.00	0.00
10,040.0	90.00	360.00	7,281.0	3,130.6	-1,446.8	3,341.1	0.00	0.00	0.00
10,080.0	90.00	360.00	7,281.0	3,170.6	-1,446.8	3,380.4	0.00	0.00	0.00
10,120.0	90.00	360.00	7,281.0	3,210.6	-1,446.8	3,419.7	0.00	0.00	0.00
10,160.0	90.00	360.00	7,281.0	3,250.6	-1,446.8	3,459.1	0.00	0.00	0.00



<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

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)
10,200.0	90.00	360.00	7,281.0	3,290.6	-1,446.8	3,498.4	0.00	0.00	0.00
10,240.0	90.00	360.00	7,281.0	3,330.6	-1,446.8	3,537.7	0.00	0.00	0.00
10,280.0	90.00	360.00	7,281.0	3,370.6	-1,446.8	3,577.1	0.00	0.00	0.00
10,320.0	90.00	360.00	7,281.0	3,410.6	-1,446.8	3,616.4	0.00	0.00	0.00
10,360.0	90.00	360.00	7,281.0	3,450.6	-1,446.8	3,655.8	0.00	0.00	0.00
10,400.0	90.00	360.00	7,281.0	3,490.6	-1,446.8	3,695.1	0.00	0.00	0.00
10,440.0	90.00	360.00	7,281.0	3,530.6	-1,446.8	3,734.4	0.00	0.00	0.00
10,480.0	90.00	360.00	7,281.0	3,570.6	-1,446.8	3,773.8	0.00	0.00	0.00
10,520.0	90.00	360.00	7,281.0	3,610.6	-1,446.8	3,813.1	0.00	0.00	0.00
10,560.0	90.00	360.00	7,281.0	3,650.6	-1,446.8	3,852.4	0.00	0.00	0.00
10,600.0	90.00	360.00	7,281.0	3,690.6	-1,446.8	3,891.8	0.00	0.00	0.00
10,640.0	90.00	360.00	7,281.0	3,730.6	-1,446.8	3,931.1	0.00	0.00	0.00
10,680.0	90.00	360.00	7,281.0	3,770.6	-1,446.8	3,970.4	0.00	0.00	0.00
10,720.0	90.00	360.00	7,281.0	3,810.6	-1,446.8	4,009.8	0.00	0.00	0.00
10,760.0	90.00	360.00	7,281.0	3,850.6	-1,446.8	4,049.1	0.00	0.00	0.00
10,800.0	90.00	360.00	7,281.0	3,890.6	-1,446.8	4,088.5	0.00	0.00	0.00
10,840.0	90.00	360.00	7,281.0	3,930.6	-1,446.8	4,127.8	0.00	0.00	0.00
10,880.0	90.00	360.00	7,281.0	3,970.6	-1,446.8	4,167.1	0.00	0.00	0.00
10,920.0	90.00	360.00	7,281.0	4,010.6	-1,446.8	4,206.5	0.00	0.00	0.00
10,960.0	90.00	360.00	7,281.0	4,050.6	-1,446.8	4,245.8	0.00	0.00	0.00
11,000.0	90.00	360.00	7,281.0	4,090.6	-1,446.8	4,285.1	0.00	0.00	0.00
11,040.0	90.00	360.00	7,281.0	4,130.6	-1,446.8	4,324.5	0.00	0.00	0.00
11,080.0	90.00	360.00	7,281.0	4,170.6	-1,446.8	4,363.8	0.00	0.00	0.00
11,120.0	90.00	360.00	7,281.0	4,210.6	-1,446.8	4,403.1	0.00	0.00	0.00
11,160.0	90.00	360.00	7,281.0	4,250.6	-1,446.8	4,442.5	0.00	0.00	0.00
11,200.0	90.00	360.00	7,281.0	4,290.6	-1,446.8	4,481.8	0.00	0.00	0.00
11,240.0	90.00	360.00	7,281.0	4,330.6	-1,446.8	4,521.2	0.00	0.00	0.00
11,280.0	90.00	360.00	7,281.0	4,370.6	-1,446.8	4,560.5	0.00	0.00	0.00
11,320.0	90.00	360.00	7,281.0	4,410.6	-1,446.8	4,599.8	0.00	0.00	0.00
11,360.0	90.00	360.00	7,281.0	4,450.6	-1,446.8	4,639.2	0.00	0.00	0.00
11,400.0	90.00	360.00	7,281.0	4,490.6	-1,446.8	4,678.5	0.00	0.00	0.00
11,440.0	90.00	360.00	7,281.0	4,530.6	-1,446.8	4,717.8	0.00	0.00	0.00
11,480.0	90.00	360.00	7,281.0	4,570.6	-1,446.8	4,757.2	0.00	0.00	0.00
11,520.0	90.00	360.00	7,281.0	4,610.6	-1,446.8	4,796.5	0.00	0.00	0.00
11,560.0	90.00	360.00	7,281.0	4,650.6	-1,446.8	4,835.8	0.00	0.00	0.00
11,600.0	90.00	360.00	7,281.0	4,690.6	-1,446.8	4,875.2	0.00	0.00	0.00
11,640.0	90.00	360.00	7,281.0	4,730.6	-1,446.8	4,914.5	0.00	0.00	0.00
11,680.0	90.00	360.00	7,281.0	4,770.6	-1,446.8	4,953.9	0.00	0.00	0.00
11,720.0	90.00	360.00	7,281.0	4,810.6	-1,446.8	4,993.2	0.00	0.00	0.00
11,760.0	90.00	360.00	7,281.0	4,850.6	-1,446.8	5,032.5	0.00	0.00	0.00
11,800.0	90.00	360.00	7,281.0	4,890.6	-1,446.8	5,071.9	0.00	0.00	0.00
11,840.0	90.00	360.00	7,281.0	4,930.6	-1,446.8	5,111.2	0.00	0.00	0.00
11,880.0	90.00	360.00	7,281.0	4,970.6	-1,446.8	5,150.5	0.00	0.00	0.00
11,920.0	90.00	360.00	7,281.0	5,010.6	-1,446.8	5,189.9	0.00	0.00	0.00
11,960.0	90.00	360.00	7,281.0	5,050.6	-1,446.8	5,229.2	0.00	0.00	0.00
12,000.0	90.00	360.00	7,281.0	5,090.6	-1,446.8	5,268.5	0.00	0.00	0.00
12,040.0	90.00	360.00	7,281.0	5,130.6	-1,446.8	5,307.9	0.00	0.00	0.00
12,080.0	90.00	360.00	7,281.0	5,170.6	-1,446.8	5,347.2	0.00	0.00	0.00
12,120.0	90.00	360.00	7,281.0	5,210.6	-1,446.8	5,386.6	0.00	0.00	0.00
12,160.0	90.00	360.00	7,281.0	5,250.6	-1,446.8	5,425.9	0.00	0.00	0.00
12,200.0	90.00	360.00	7,281.0	5,290.6	-1,446.8	5,465.2	0.00	0.00	0.00
12,240.0	90.00	360.00	7,281.0	5,330.6	-1,446.8	5,504.6	0.00	0.00	0.00
12,280.0	90.00	360.00	7,281.0	5,370.6	-1,446.8	5,543.9	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad	<b>North Reference:</b>	True
	Sec.14-T5N-R66W		
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

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)
12,320.0	90.00	360.00	7,281.0	5,410.6	-1,446.8	5,583.2	0.00	0.00	0.00
12,360.0	90.00	360.00	7,281.0	5,450.6	-1,446.8	5,622.6	0.00	0.00	0.00
12,400.0	90.00	360.00	7,281.0	5,490.6	-1,446.8	5,661.9	0.00	0.00	0.00
12,440.0	90.00	360.00	7,281.0	5,530.6	-1,446.8	5,701.3	0.00	0.00	0.00
12,480.0	90.00	360.00	7,281.0	5,570.6	-1,446.8	5,740.6	0.00	0.00	0.00
12,520.0	90.00	360.00	7,281.0	5,610.6	-1,446.8	5,779.9	0.00	0.00	0.00
12,560.0	90.00	360.00	7,281.0	5,650.6	-1,446.8	5,819.3	0.00	0.00	0.00
12,600.0	90.00	360.00	7,281.0	5,690.6	-1,446.8	5,858.6	0.00	0.00	0.00
12,640.0	90.00	360.00	7,281.0	5,730.6	-1,446.8	5,897.9	0.00	0.00	0.00
12,680.0	90.00	360.00	7,281.0	5,770.6	-1,446.8	5,937.3	0.00	0.00	0.00
12,720.0	90.00	360.00	7,281.0	5,810.6	-1,446.8	5,976.6	0.00	0.00	0.00
12,760.0	90.00	360.00	7,281.0	5,850.6	-1,446.8	6,015.9	0.00	0.00	0.00
12,800.0	90.00	360.00	7,281.0	5,890.6	-1,446.8	6,055.3	0.00	0.00	0.00
12,840.0	90.00	360.00	7,281.0	5,930.6	-1,446.8	6,094.6	0.00	0.00	0.00
12,880.0	90.00	360.00	7,281.0	5,970.6	-1,446.8	6,134.0	0.00	0.00	0.00
12,920.0	90.00	360.00	7,281.0	6,010.6	-1,446.8	6,173.3	0.00	0.00	0.00
12,960.0	90.00	360.00	7,281.0	6,050.6	-1,446.8	6,212.6	0.00	0.00	0.00
13,000.0	90.00	360.00	7,281.0	6,090.6	-1,446.8	6,252.0	0.00	0.00	0.00
13,040.0	90.00	360.00	7,281.0	6,130.6	-1,446.8	6,291.3	0.00	0.00	0.00
13,080.0	90.00	360.00	7,281.0	6,170.6	-1,446.8	6,330.6	0.00	0.00	0.00
13,120.0	90.00	360.00	7,281.0	6,210.6	-1,446.8	6,370.0	0.00	0.00	0.00
13,160.0	90.00	360.00	7,281.0	6,250.6	-1,446.8	6,409.3	0.00	0.00	0.00
13,200.0	90.00	360.00	7,281.0	6,290.6	-1,446.8	6,448.6	0.00	0.00	0.00
13,240.0	90.00	360.00	7,281.0	6,330.6	-1,446.8	6,488.0	0.00	0.00	0.00
13,280.0	90.00	360.00	7,281.0	6,370.6	-1,446.8	6,527.3	0.00	0.00	0.00
13,320.0	90.00	360.00	7,281.0	6,410.6	-1,446.8	6,566.7	0.00	0.00	0.00
13,360.0	90.00	360.00	7,281.0	6,450.6	-1,446.8	6,606.0	0.00	0.00	0.00
13,400.0	90.00	360.00	7,281.0	6,490.6	-1,446.8	6,645.3	0.00	0.00	0.00
13,440.0	90.00	360.00	7,281.0	6,530.6	-1,446.8	6,684.7	0.00	0.00	0.00
13,480.0	90.00	360.00	7,281.0	6,570.6	-1,446.8	6,724.0	0.00	0.00	0.00
13,520.0	90.00	360.00	7,281.0	6,610.6	-1,446.8	6,763.3	0.00	0.00	0.00
13,560.0	90.00	360.00	7,281.0	6,650.6	-1,446.8	6,802.7	0.00	0.00	0.00
13,600.0	90.00	360.00	7,281.0	6,690.6	-1,446.8	6,842.0	0.00	0.00	0.00
13,640.0	90.00	360.00	7,281.0	6,730.6	-1,446.8	6,881.3	0.00	0.00	0.00
13,680.0	90.00	360.00	7,281.0	6,770.6	-1,446.8	6,920.7	0.00	0.00	0.00
13,720.0	90.00	360.00	7,281.0	6,810.6	-1,446.8	6,960.0	0.00	0.00	0.00
13,760.0	90.00	360.00	7,281.0	6,850.6	-1,446.8	6,999.4	0.00	0.00	0.00
13,800.0	90.00	360.00	7,281.0	6,890.6	-1,446.8	7,038.7	0.00	0.00	0.00
13,840.0	90.00	360.00	7,281.0	6,930.6	-1,446.8	7,078.0	0.00	0.00	0.00
13,880.0	90.00	360.00	7,281.0	6,970.6	-1,446.8	7,117.4	0.00	0.00	0.00
13,920.0	90.00	360.00	7,281.0	7,010.6	-1,446.8	7,156.7	0.00	0.00	0.00
13,960.0	90.00	360.00	7,281.0	7,050.6	-1,446.8	7,196.0	0.00	0.00	0.00
14,000.0	90.00	360.00	7,281.0	7,090.6	-1,446.8	7,235.4	0.00	0.00	0.00
14,040.0	90.00	360.00	7,281.0	7,130.6	-1,446.8	7,274.7	0.00	0.00	0.00
14,080.0	90.00	360.00	7,281.0	7,170.6	-1,446.8	7,314.0	0.00	0.00	0.00
14,120.0	90.00	360.00	7,281.0	7,210.6	-1,446.8	7,353.4	0.00	0.00	0.00
14,160.0	90.00	360.00	7,281.0	7,250.6	-1,446.8	7,392.7	0.00	0.00	0.00
14,200.0	90.00	360.00	7,281.0	7,290.6	-1,446.8	7,432.1	0.00	0.00	0.00
14,240.0	90.00	360.00	7,281.0	7,330.6	-1,446.8	7,471.4	0.00	0.00	0.00
14,280.0	90.00	360.00	7,281.0	7,370.6	-1,446.8	7,510.7	0.00	0.00	0.00
14,320.0	90.00	360.00	7,281.0	7,410.6	-1,446.8	7,550.1	0.00	0.00	0.00
14,360.0	90.00	360.00	7,281.0	7,450.6	-1,446.8	7,589.4	0.00	0.00	0.00
14,400.0	90.00	360.00	7,281.0	7,490.6	-1,446.8	7,628.7	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Gilbert A-14-11NHZE
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Project:</b>	SEC.14-T5N-R66W	<b>MD Reference:</b>	WELL @ 4851.0ft (RKB-12')
<b>Site:</b>	SRC Gilbert 42-14-11NHZ Pad	<b>North Reference:</b>	True
	Sec.14-T5N-R66W		
<b>Well:</b>	SRC Gilbert A-14-11NHZE	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-30-13)		

#### 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)
14,440.0	90.00	360.00	7,281.0	7,530.6	-1,446.8	7,668.1	0.00	0.00	0.00
14,480.0	90.00	360.00	7,281.0	7,570.6	-1,446.8	7,707.4	0.00	0.00	0.00
14,520.0	90.00	360.00	7,281.0	7,610.6	-1,446.8	7,746.7	0.00	0.00	0.00
14,560.0	90.00	360.00	7,281.0	7,650.6	-1,446.8	7,786.1	0.00	0.00	0.00
14,600.0	90.00	360.00	7,281.0	7,690.6	-1,446.8	7,825.4	0.00	0.00	0.00
14,640.0	90.00	360.00	7,281.0	7,730.6	-1,446.8	7,864.8	0.00	0.00	0.00
14,680.0	90.00	360.00	7,281.0	7,770.6	-1,446.8	7,904.1	0.00	0.00	0.00
14,720.0	90.00	360.00	7,281.0	7,810.6	-1,446.8	7,943.4	0.00	0.00	0.00
14,753.5	90.00	360.00	7,281.0	7,844.1	-1,446.8	7,976.4	0.00	0.00	0.00
BHL 480'FNL & 2204'FWL, Sec.11									

#### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
SHL 2482'FSL & 2312	0.00	0.00	1.0	0.0	0.0	1,389,104.51	3,210,760.40	40.399025	-104.743260
- plan hits target center									
- Point									
BHL 480'FNL & 2204'	0.00	0.00	7,281.0	7,844.1	-1,446.8	1,396,935.61	3,209,246.82	40.420556	-104.748456
- plan hits target center									
- Point									

#### Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,875.6	7,281.0	7"	7	7-1/2

#### Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
200.0	200.0	0.0	0.0	KOP #1
6,750.6	6,564.8	250.0	-1,446.8	KOP #2
7,875.6	7,281.0	966.2	-1,446.8	End of Build