

Synergy Resources

Well Name: **SRC Gilbert 42-14-11NHZ**

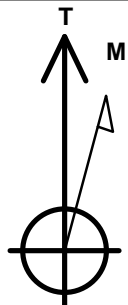
Surface Location: SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4835.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1389104.71	3210827.80	40.399024	-104.743018	
RKB - 12' WELL @ 4847.0ft (RKB - 12')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape Point
SHL 2483'FSL & 2245'FEL, Sec.14	1.0	0.0	0.0	Point
BHL 2458'FSL & 737'FEL, Sec.11	7280.0	5201.3	1467.2	Point



Azimuths to True North
Magnetic North: 8.43°

Magnetic Field
Strength: 52803.6snT
Dip Angle: 66.95°
Date: 7/31/2014
Model: IGRF2010

SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W
SRC Gilbert 42-14-11NHZ
Plan #2 (7-24-14)
11:46, July 31 2014

ANNOTATIONS

TVD	MD	Annotation
1000.0	1000.0	KOP #1
6563.8	6789.0	KOP #2
7280.0	7914.0	End of Build

South(-)/North(+) (3200 ft/in)

Casing Pt. 3449'FSL
& 778'FEL, Sec.14

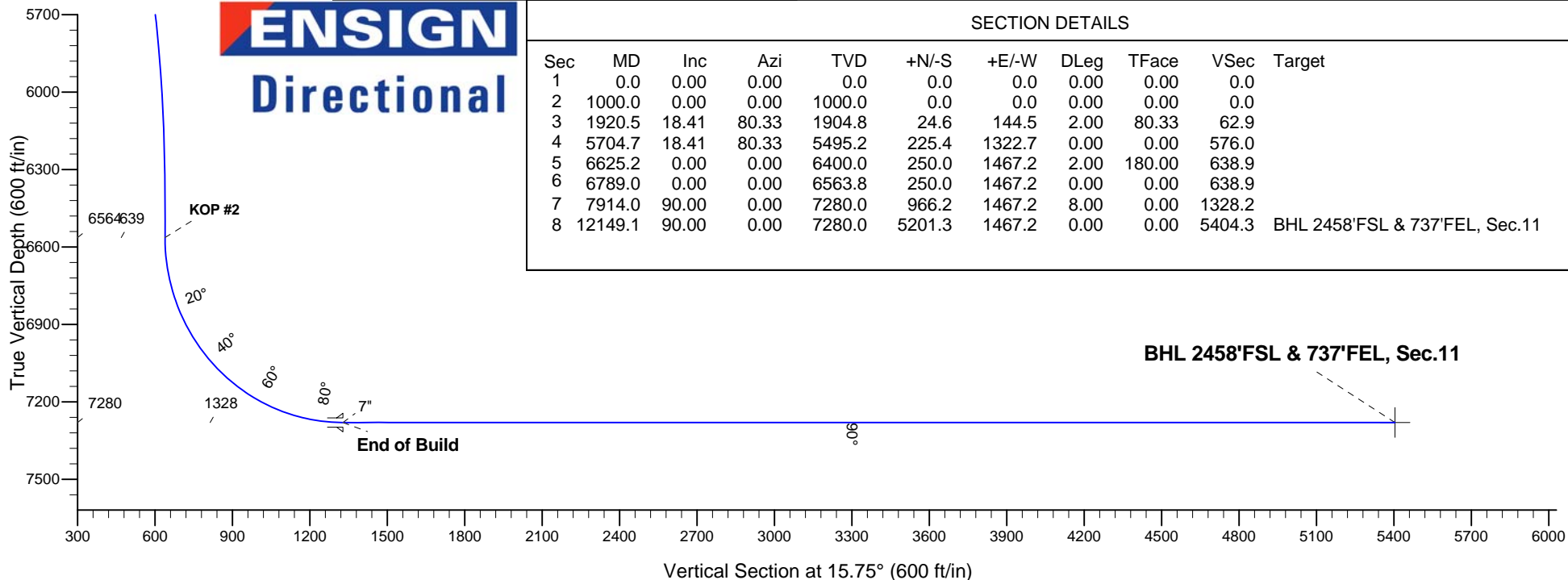
BHL 2458'FSL & 737'FEL, Sec.11

460' Setback
Sec.11-T5N-R66W

SHL 2483'FSL & 2245'FEL, Sec.14

460' Setback
Sec.14-T5N-R66W

West(-)/East(+) (3200 ft/in)





Synergy Resources

SEC.14-T5N-R66W

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

SRC Gilbert 42-14-11NHZ

Wellbore #1

Plan: Plan #2 (7-24-14)

Standard Planning Report

31 July, 2014

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Project:	SEC.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	North Reference:	True
Well:	SRC Gilbert 42-14-11NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (7-24-14)		

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

Well	SRC Gilbert 42-14-11NHZ		
Well Position	+N/-S	30.2 ft	Northing:
	+E/-W	-22.0 ft	Easting:
Position Uncertainty		0.0 ft	Wellhead Elevation:
			ft
			Latitude:
			40.399024
			Longitude:
			-104.743018
			Ground Level:
			4,835.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/31/2014	8.43	66.95	52,804

Design	Plan #2 (7-24-14)			
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	15.75

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,920.5	18.41	80.33	1,904.8	24.6	144.5	2.00	2.00	0.00	80.33	
5,704.7	18.41	80.33	5,495.2	225.4	1,322.7	0.00	0.00	0.00	0.00	
6,625.2	0.00	0.00	6,400.0	250.0	1,467.2	2.00	-2.00	0.00	180.00	
6,789.0	0.00	0.00	6,563.8	250.0	1,467.2	0.00	0.00	0.00	0.00	
7,914.0	90.00	0.00	7,280.0	966.2	1,467.2	8.00	8.00	0.00	0.00	
12,149.1	90.00	0.00	7,280.0	5,201.3	1,467.2	0.00	0.00	0.00	0.00	BHL 2458'FSL & 73

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Project:	SEC.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site:	SRC Gilbert 42-14-11NHZ Pad	North Reference:	True
	Sec.14-T5N-R66W		
Well:	SRC Gilbert 42-14-11NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (7-24-14)		

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
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
KOP #1									
1,100.0	2.00	80.33	1,100.0	0.3	1.7	0.7	2.00	2.00	0.00
1,200.0	4.00	80.33	1,199.8	1.2	6.9	3.0	2.00	2.00	0.00
1,300.0	6.00	80.33	1,299.5	2.6	15.5	6.7	2.00	2.00	0.00
1,400.0	8.00	80.33	1,398.7	4.7	27.5	12.0	2.00	2.00	0.00
1,500.0	10.00	80.33	1,497.5	7.3	42.9	18.7	2.00	2.00	0.00
1,600.0	12.00	80.33	1,595.6	10.5	61.7	26.9	2.00	2.00	0.00
1,700.0	14.00	80.33	1,693.1	14.3	83.9	36.5	2.00	2.00	0.00
1,800.0	16.00	80.33	1,789.6	18.6	109.4	47.6	2.00	2.00	0.00
1,900.0	18.00	80.33	1,885.3	23.6	138.2	60.2	2.00	2.00	0.00
1,920.5	18.41	80.33	1,904.8	24.6	144.5	62.9	2.00	2.00	0.00
2,000.0	18.41	80.33	1,980.2	28.8	169.3	73.7	0.00	0.00	0.00
2,100.0	18.41	80.33	2,075.1	34.1	200.4	87.3	0.00	0.00	0.00
2,200.0	18.41	80.33	2,169.9	39.5	231.6	100.8	0.00	0.00	0.00
2,300.0	18.41	80.33	2,264.8	44.8	262.7	114.4	0.00	0.00	0.00
2,400.0	18.41	80.33	2,359.7	50.1	293.8	128.0	0.00	0.00	0.00
2,500.0	18.41	80.33	2,454.6	55.4	324.9	141.5	0.00	0.00	0.00
2,600.0	18.41	80.33	2,549.5	60.7	356.1	155.1	0.00	0.00	0.00
2,700.0	18.41	80.33	2,644.3	66.0	387.2	168.6	0.00	0.00	0.00
2,800.0	18.41	80.33	2,739.2	71.3	418.3	182.2	0.00	0.00	0.00
2,900.0	18.41	80.33	2,834.1	76.6	449.5	195.7	0.00	0.00	0.00
3,000.0	18.41	80.33	2,929.0	81.9	480.6	209.3	0.00	0.00	0.00
3,100.0	18.41	80.33	3,023.9	87.2	511.7	222.9	0.00	0.00	0.00
3,200.0	18.41	80.33	3,118.8	92.5	542.9	236.4	0.00	0.00	0.00
3,300.0	18.41	80.33	3,213.6	97.8	574.0	250.0	0.00	0.00	0.00
3,400.0	18.41	80.33	3,308.5	103.1	605.1	263.5	0.00	0.00	0.00
3,500.0	18.41	80.33	3,403.4	108.4	636.3	277.1	0.00	0.00	0.00
3,600.0	18.41	80.33	3,498.3	113.7	667.4	290.6	0.00	0.00	0.00
3,700.0	18.41	80.33	3,593.2	119.0	698.5	304.2	0.00	0.00	0.00
3,800.0	18.41	80.33	3,688.0	124.3	729.7	317.8	0.00	0.00	0.00
3,900.0	18.41	80.33	3,782.9	129.6	760.8	331.3	0.00	0.00	0.00
4,000.0	18.41	80.33	3,877.8	134.9	791.9	344.9	0.00	0.00	0.00
4,100.0	18.41	80.33	3,972.7	140.2	823.1	358.4	0.00	0.00	0.00
4,200.0	18.41	80.33	4,067.6	145.6	854.2	372.0	0.00	0.00	0.00
4,300.0	18.41	80.33	4,162.5	150.9	885.3	385.6	0.00	0.00	0.00
4,400.0	18.41	80.33	4,257.3	156.2	916.5	399.1	0.00	0.00	0.00
4,500.0	18.41	80.33	4,352.2	161.5	947.6	412.7	0.00	0.00	0.00
4,600.0	18.41	80.33	4,447.1	166.8	978.7	426.2	0.00	0.00	0.00
4,700.0	18.41	80.33	4,542.0	172.1	1,009.9	439.8	0.00	0.00	0.00
4,800.0	18.41	80.33	4,636.9	177.4	1,041.0	453.3	0.00	0.00	0.00
4,900.0	18.41	80.33	4,731.8	182.7	1,072.1	466.9	0.00	0.00	0.00
5,000.0	18.41	80.33	4,826.6	188.0	1,103.3	480.5	0.00	0.00	0.00

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Project:	SEC.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	North Reference:	True
Well:	SRC Gilbert 42-14-11NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (7-24-14)		

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)
5,100.0	18.41	80.33	4,921.5	193.3	1,134.4	494.0	0.00	0.00	0.00
5,200.0	18.41	80.33	5,016.4	198.6	1,165.5	507.6	0.00	0.00	0.00
5,300.0	18.41	80.33	5,111.3	203.9	1,196.7	521.1	0.00	0.00	0.00
5,400.0	18.41	80.33	5,206.2	209.2	1,227.8	534.7	0.00	0.00	0.00
5,500.0	18.41	80.33	5,301.0	214.5	1,258.9	548.3	0.00	0.00	0.00
5,600.0	18.41	80.33	5,395.9	219.8	1,290.1	561.8	0.00	0.00	0.00
5,700.0	18.41	80.33	5,490.8	225.1	1,321.2	575.4	0.00	0.00	0.00
5,704.7	18.41	80.33	5,495.2	225.4	1,322.7	576.0	0.00	0.00	0.00
5,800.0	16.50	80.33	5,586.2	230.2	1,350.9	588.3	2.00	-2.00	0.00
5,900.0	14.50	80.33	5,682.5	234.7	1,377.2	599.8	2.00	-2.00	0.00
6,000.0	12.50	80.33	5,779.8	238.6	1,400.2	609.8	2.00	-2.00	0.00
6,100.0	10.50	80.33	5,877.7	241.9	1,419.9	618.3	2.00	-2.00	0.00
6,200.0	8.50	80.33	5,976.4	244.7	1,436.2	625.4	2.00	-2.00	0.00
6,300.0	6.50	80.33	6,075.5	246.9	1,449.0	631.0	2.00	-2.00	0.00
6,400.0	4.50	80.33	6,175.0	248.5	1,458.5	635.1	2.00	-2.00	0.00
6,500.0	2.50	80.33	6,274.8	249.5	1,464.5	637.8	2.00	-2.00	0.00
6,600.0	0.50	80.33	6,374.8	250.0	1,467.1	638.9	2.00	-2.00	0.00
6,625.2	0.00	0.00	6,400.0	250.0	1,467.2	638.9	2.00	-2.00	0.00
6,700.0	0.00	0.00	6,474.8	250.0	1,467.2	638.9	0.00	0.00	0.00
6,789.0	0.00	0.00	6,563.8	250.0	1,467.2	638.9	0.00	0.00	0.00
KOP #2									
6,800.0	0.88	0.00	6,574.8	250.1	1,467.2	639.0	8.01	8.01	0.00
6,900.0	8.88	0.00	6,674.4	258.6	1,467.2	647.2	8.00	8.00	0.00
7,000.0	16.88	0.00	6,771.8	280.9	1,467.2	668.6	8.00	8.00	0.00
7,100.0	24.88	0.00	6,865.1	316.5	1,467.2	702.9	8.00	8.00	0.00
7,200.0	32.88	0.00	6,952.6	364.7	1,467.2	749.4	8.00	8.00	0.00
7,300.0	40.88	0.00	7,032.5	424.7	1,467.2	807.1	8.00	8.00	0.00
7,400.0	48.88	0.00	7,103.3	495.2	1,467.2	874.9	8.00	8.00	0.00
7,500.0	56.88	0.00	7,163.6	574.9	1,467.2	951.6	8.00	8.00	0.00
7,600.0	64.88	0.00	7,212.3	662.2	1,467.2	1,035.6	8.00	8.00	0.00
7,700.0	72.88	0.00	7,248.3	755.4	1,467.2	1,125.3	8.00	8.00	0.00
7,800.0	80.88	0.00	7,270.9	852.7	1,467.2	1,219.0	8.00	8.00	0.00
7,900.0	88.88	0.00	7,279.9	952.2	1,467.2	1,314.8	8.00	8.00	0.00
7,914.0	90.00	0.00	7,280.0	966.2	1,467.2	1,328.3	8.00	8.00	0.00
End of Build - 7"									
8,000.0	90.00	0.00	7,280.0	1,052.2	1,467.2	1,411.0	0.00	0.00	0.00
8,100.0	90.00	0.00	7,280.0	1,152.2	1,467.2	1,507.3	0.00	0.00	0.00
8,200.0	90.00	0.00	7,280.0	1,252.2	1,467.2	1,603.5	0.00	0.00	0.00
8,300.0	90.00	0.00	7,280.0	1,352.2	1,467.2	1,699.8	0.00	0.00	0.00
8,400.0	90.00	0.00	7,280.0	1,452.2	1,467.2	1,796.0	0.00	0.00	0.00
8,500.0	90.00	0.00	7,280.0	1,552.2	1,467.2	1,892.2	0.00	0.00	0.00
8,600.0	90.00	0.00	7,280.0	1,652.2	1,467.2	1,988.5	0.00	0.00	0.00
8,700.0	90.00	0.00	7,280.0	1,752.2	1,467.2	2,084.7	0.00	0.00	0.00
8,800.0	90.00	0.00	7,280.0	1,852.2	1,467.2	2,181.0	0.00	0.00	0.00
8,900.0	90.00	0.00	7,280.0	1,952.2	1,467.2	2,277.2	0.00	0.00	0.00
9,000.0	90.00	0.00	7,280.0	2,052.2	1,467.2	2,373.5	0.00	0.00	0.00
9,100.0	90.00	0.00	7,280.0	2,152.2	1,467.2	2,469.7	0.00	0.00	0.00
9,200.0	90.00	0.00	7,280.0	2,252.2	1,467.2	2,566.0	0.00	0.00	0.00
9,300.0	90.00	0.00	7,280.0	2,352.2	1,467.2	2,662.2	0.00	0.00	0.00
9,400.0	90.00	0.00	7,280.0	2,452.2	1,467.2	2,758.4	0.00	0.00	0.00
9,500.0	90.00	0.00	7,280.0	2,552.2	1,467.2	2,854.7	0.00	0.00	0.00
9,600.0	90.00	0.00	7,280.0	2,652.2	1,467.2	2,950.9	0.00	0.00	0.00
9,700.0	90.00	0.00	7,280.0	2,752.2	1,467.2	3,047.2	0.00	0.00	0.00

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Company:	Synergy Resources	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Project:	SEC.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	North Reference:	True
Well:	SRC Gilbert 42-14-11NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (7-24-14)		

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)	
9,800.0	90.00	0.00	7,280.0	2,852.2	1,467.2	3,143.4	0.00	0.00	0.00	
9,900.0	90.00	0.00	7,280.0	2,952.2	1,467.2	3,239.7	0.00	0.00	0.00	
10,000.0	90.00	0.00	7,280.0	3,052.2	1,467.2	3,335.9	0.00	0.00	0.00	
10,100.0	90.00	0.00	7,280.0	3,152.2	1,467.2	3,432.2	0.00	0.00	0.00	
10,200.0	90.00	0.00	7,280.0	3,252.2	1,467.2	3,528.4	0.00	0.00	0.00	
10,300.0	90.00	0.00	7,280.0	3,352.2	1,467.2	3,624.6	0.00	0.00	0.00	
10,400.0	90.00	0.00	7,280.0	3,452.2	1,467.2	3,720.9	0.00	0.00	0.00	
10,500.0	90.00	0.00	7,280.0	3,552.2	1,467.2	3,817.1	0.00	0.00	0.00	
10,600.0	90.00	0.00	7,280.0	3,652.2	1,467.2	3,913.4	0.00	0.00	0.00	
10,700.0	90.00	0.00	7,280.0	3,752.2	1,467.2	4,009.6	0.00	0.00	0.00	
10,800.0	90.00	0.00	7,280.0	3,852.2	1,467.2	4,105.9	0.00	0.00	0.00	
10,900.0	90.00	0.00	7,280.0	3,952.2	1,467.2	4,202.1	0.00	0.00	0.00	
11,000.0	90.00	0.00	7,280.0	4,052.2	1,467.2	4,298.4	0.00	0.00	0.00	
11,100.0	90.00	0.00	7,280.0	4,152.2	1,467.2	4,394.6	0.00	0.00	0.00	
11,200.0	90.00	0.00	7,280.0	4,252.2	1,467.2	4,490.8	0.00	0.00	0.00	
11,300.0	90.00	0.00	7,280.0	4,352.2	1,467.2	4,587.1	0.00	0.00	0.00	
11,400.0	90.00	0.00	7,280.0	4,452.2	1,467.2	4,683.3	0.00	0.00	0.00	
11,500.0	90.00	0.00	7,280.0	4,552.2	1,467.2	4,779.6	0.00	0.00	0.00	
11,600.0	90.00	0.00	7,280.0	4,652.2	1,467.2	4,875.8	0.00	0.00	0.00	
11,700.0	90.00	0.00	7,280.0	4,752.2	1,467.2	4,972.1	0.00	0.00	0.00	
11,800.0	90.00	0.00	7,280.0	4,852.2	1,467.2	5,068.3	0.00	0.00	0.00	
11,900.0	90.00	0.00	7,280.0	4,952.2	1,467.2	5,164.5	0.00	0.00	0.00	
12,000.0	90.00	0.00	7,280.0	5,052.2	1,467.2	5,260.8	0.00	0.00	0.00	
12,100.0	90.00	0.00	7,280.0	5,152.2	1,467.2	5,357.0	0.00	0.00	0.00	
12,149.1	90.00	0.00	7,280.0	5,201.3	1,467.2	5,404.3	0.00	0.00	0.00	

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										
BHL 2458'FSL & 737'I	0.00	0.00	7,280.0	5,201.3	1,467.2	1,394,318.17	3,212,250.53	40.413301	-104.737749	
- plan hits target center										
- Point										
SHL 2483'FSL & 224	0.00	0.00	1.0	0.0	0.0	1,389,104.72	3,210,827.80	40.399024	-104.743018	
- plan hits target center										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
7,914.0	7,280.0	7"	7	7-1/2		

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Project:	SEC.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	North Reference:	True
Well:	SRC Gilbert 42-14-11NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (7-24-14)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,000.0	1,000.0	0.0	0.0	KOP #1
6,789.0	6,563.8	250.0	1,467.2	KOP #2
7,914.0	7,280.0	966.2	1,467.2	End of Build



Synergy Resources

SEC.14-T5N-R66W

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

SRC Gilbert 42-14-11NHZ

Wellbore #1

Plan #2 (7-24-14)

Anticollision Report

31 July, 2014

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W - SRC Gilbert 12-14-11CHZ - Wellbore #1 - Plan #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
1,100.0	1,100.0	1,068.9	1,062.8	2.3	2.7	-167.00	9.8	-167.2	173.9	169.2	4.69	37.061	
1,200.0	1,199.8	1,158.5	1,149.7	2.6	3.1	-166.78	12.4	-189.1	203.4	198.2	5.13	39.632	
1,300.0	1,299.5	1,245.3	1,233.1	2.8	3.6	-166.70	15.2	-212.9	239.0	233.5	5.57	42.940	
1,400.0	1,398.7	1,328.7	1,312.5	3.0	4.1	-166.69	18.1	-238.2	280.5	274.5	5.99	46.820	
1,500.0	1,497.5	1,408.4	1,387.8	3.3	4.6	-166.71	21.2	-264.4	327.7	321.2	6.41	51.155	
1,600.0	1,595.6	1,484.3	1,458.6	3.6	5.1	-166.72	24.4	-291.3	380.1	373.3	6.81	55.808	
1,700.0	1,693.1	1,556.2	1,525.1	4.0	5.6	-166.70	27.6	-318.6	437.5	430.3	7.21	60.713	
1,800.0	1,789.6	1,635.3	1,597.9	4.4	6.3	-166.72	31.2	-349.4	498.6	491.0	7.60	65.586	
1,900.0	1,885.3	1,712.3	1,668.7	4.9	6.9	-166.74	34.7	-379.3	562.3	554.3	7.98	70.454	
2,000.0	1,980.2	1,787.8	1,738.1	5.4	7.5	-167.04	38.2	-408.7	627.9	619.5	8.42	74.603	
2,100.0	2,075.1	1,863.2	1,807.5	6.0	8.1	-167.35	41.6	-438.1	693.5	684.6	8.88	78.130	
2,200.0	2,169.9	1,938.6	1,876.8	6.6	8.7	-167.61	45.1	-467.4	759.1	749.8	9.34	81.235	
2,300.0	2,264.8	2,014.0	1,946.2	7.2	9.4	-167.82	48.5	-496.8	824.8	815.0	9.82	83.979	
2,400.0	2,359.7	2,089.4	2,015.6	7.8	10.0	-168.01	52.0	-526.2	890.4	880.1	10.30	86.409	
2,500.0	2,454.6	2,164.8	2,084.9	8.4	10.6	-168.16	55.4	-555.5	956.1	945.3	10.79	88.571	

Offset Design												Offset Site Error:	
Survey Program: 0-MWD												Offset Well Error:	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
0.0	0.0	2.0	2.0	0.0	0.0	-89.64	0.7	-112.5	112.5	112.5	0.00	N/A	
100.0	100.0	102.0	102.0	0.1	0.1	-89.64	0.7	-112.5	112.5	112.3	0.23	490.823	
166.0	166.0	168.0	168.0	0.3	0.3	-89.64	0.7	-112.5	112.5	112.0	0.53	213.973 CC	
200.0	200.0	201.9	201.9	0.3	0.3	-89.64	0.7	-112.5	112.5	111.8	0.68	165.859 ES	
300.0	300.0	300.0	300.0	0.6	0.6	-89.56	0.9	-114.3	114.3	113.2	1.11	102.512	
400.0	400.0	394.1	393.9	0.8	0.8	-89.38	1.3	-119.1	119.4	117.8	1.55	76.980	
500.0	500.0	489.6	489.1	1.0	1.0	-89.10	2.0	-127.1	127.8	125.7	2.01	63.437	
600.0	600.0	584.5	583.4	1.2	1.3	-88.77	3.0	-138.2	139.5	137.0	2.51	55.604	
700.0	700.0	678.6	676.4	1.5	1.6	-88.42	4.2	-152.3	154.5	151.4	3.04	50.819	
800.0	800.0	771.6	767.8	1.7	1.9	-88.07	5.7	-169.1	172.7	169.0	3.61	47.799	
900.0	900.0	863.4	857.5	1.9	2.3	-87.75	7.4	-188.7	194.0	189.8	4.23	45.885	
1,000.0	1,000.0	953.9	945.2	2.1	2.8	-87.46	9.4	-210.8	218.5	213.6	4.89	44.685 SF	
1,100.0	1,100.0	1,042.4	1,030.3	2.3	3.3	-167.49	11.5	-235.0	247.6	242.8	4.77	51.956	
1,200.0	1,199.8	1,128.0	1,111.9	2.6	3.8	-167.31	13.8	-261.0	282.8	277.6	5.21	54.252	
1,300.0	1,299.5	1,210.5	1,189.7	2.8	4.3	-167.23	16.2	-288.2	323.9	318.2	5.65	57.324	
1,400.0	1,398.7	1,289.4	1,263.3	3.0	4.9	-167.18	18.6	-316.4	370.6	364.5	6.08	60.994	
1,500.0	1,497.5	1,364.4	1,332.6	3.3	5.5	-167.15	21.1	-345.0	422.5	416.0	6.49	65.068	
1,600.0	1,595.6	1,435.4	1,397.5	3.6	6.1	-167.10	23.7	-373.8	479.5	472.6	6.88	69.658	
1,700.0	1,693.1	1,500.0	1,455.8	4.0	6.6	-167.03	26.1	-401.3	541.1	533.9	7.25	74.589	
1,800.0	1,789.6	1,564.8	1,513.8	4.4	7.3	-166.94	28.6	-430.3	607.1	599.5	7.63	79.605	
1,900.0	1,885.3	1,623.1	1,565.3	4.9	7.8	-166.79	31.0	-457.4	677.2	669.2	7.98	84.885	
2,000.0	1,980.2	1,677.7	1,613.0	5.4	8.4	-166.98	33.3	-483.8	750.2	741.8	8.38	89.551	
2,100.0	2,075.1	1,730.1	1,658.4	6.0	9.0	-167.21	35.6	-510.0	824.6	815.8	8.79	93.760	
2,200.0	2,169.9	1,780.5	1,701.5	6.6	9.5	-167.39	37.9	-535.9	900.2	891.0	9.21	97.702	
2,300.0	2,264.8	1,836.8	1,749.3	7.2	10.2	-167.56	40.5	-565.6	976.7	967.1	9.65	101.208	

SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W - SRC Gilbert 32-14-11HNZ - Wellbore #1 - Plan #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	90.94	-0.4	22.3	22.3					
100.0	100.0	100.0	100.0	0.1	0.1	90.94	-0.4	22.3	22.3	22.1	0.22	99.148		
200.0	200.0	200.0	200.0	0.3	0.3	90.94	-0.4	22.3	22.3	21.6	0.67	33.049		
300.0	300.0	300.0	300.0	0.6	0.6	90.94	-0.4	22.3	22.3	21.2	1.12	19.830		
400.0	400.0	400.0	400.0	0.8	0.8	90.94	-0.4	22.3	22.3	20.7	1.57	14.164		
500.0	500.0	500.0	500.0	1.0	1.0	90.94	-0.4	22.3	22.3	20.3	2.02	11.016		
600.0	600.0	600.1	600.0	1.2	1.2	86.45	1.4	22.1	22.1	19.7	2.47	8.947		
627.3	627.3	627.3	627.3	1.3	1.3	83.64	2.4	22.0	22.1	19.5	2.60	8.508	CC, ES	
700.0	700.0	699.9	699.7	1.5	1.5	73.03	6.6	21.5	22.5	19.6	2.93	7.678		
800.0	800.0	799.2	798.7	1.7	1.7	53.61	15.2	20.6	25.6	22.2	3.39	7.553	SF	
900.0	900.0	898.0	896.8	1.9	2.0	35.52	27.0	19.2	33.3	29.4	3.85	8.636		
1,000.0	1,000.0	997.2	995.1	2.1	2.2	24.17	39.7	17.8	43.8	39.5	4.34	10.101		
1,100.0	1,100.0	1,096.4	1,093.4	2.3	2.5	-64.41	52.5	16.4	54.6	49.8	4.76	11.459		
1,200.0	1,199.8	1,195.4	1,191.7	2.6	2.8	-72.67	65.2	15.0	65.1	59.9	5.20	12.520		
1,300.0	1,299.5	1,294.3	1,289.7	2.8	3.1	-81.06	77.9	13.6	75.9	70.3	5.64	13.461		
1,400.0	1,398.7	1,392.8	1,387.3	3.0	3.4	-89.41	90.6	12.2	88.0	81.9	6.11	14.394		
1,500.0	1,497.5	1,490.8	1,484.6	3.3	3.7	-97.48	103.2	10.7	101.9	95.3	6.62	15.393		
1,600.0	1,595.6	1,588.3	1,581.2	3.6	4.0	-105.03	115.7	9.4	118.4	111.2	7.17	16.504		
1,700.0	1,693.1	1,685.1	1,677.2	4.0	4.3	-111.89	128.2	8.0	137.8	130.0	7.76	17.751		
1,800.0	1,789.6	1,781.0	1,772.4	4.4	4.6	-117.98	140.5	6.6	160.4	152.0	8.38	19.146		
1,900.0	1,885.3	1,876.1	1,866.6	4.9	4.9	-123.29	152.7	5.2	186.3	177.3	9.01	20.685		
2,000.0	1,980.2	1,970.4	1,960.1	5.4	5.2	-128.05	164.9	3.9	215.1	205.4	9.67	22.253		
2,100.0	2,075.1	2,064.7	2,053.7	6.0	5.5	-131.79	177.0	2.5	245.0	234.7	10.33	23.726		
2,200.0	2,169.9	2,159.1	2,147.2	6.6	5.8	-134.72	189.1	1.2	275.7	264.7	10.98	25.094		
2,300.0	2,264.8	2,253.4	2,240.7	7.2	6.1	-137.07	201.2	-0.2	306.9	295.2	11.64	26.355		
2,400.0	2,359.7	2,347.7	2,334.3	7.8	6.4	-138.99	213.4	-1.5	338.4	326.1	12.30	27.514		
2,500.0	2,454.6	2,442.0	2,427.8	8.4	6.7	-140.58	225.5	-2.9	370.3	357.4	12.96	28.577		
2,600.0	2,549.5	2,543.9	2,529.0	9.1	7.0	-142.24	236.9	-4.1	401.5	388.0	13.57	29.590		
2,700.0	2,644.3	2,646.5	2,631.3	9.7	7.2	-144.09	244.7	-5.0	431.2	417.1	14.12	30.529		
2,800.0	2,739.2	2,749.4	2,734.1	10.3	7.4	-146.10	248.9	-5.5	459.6	444.9	14.63	31.405		
2,900.0	2,834.1	2,849.4	2,834.1	11.0	7.6	-148.18	249.6	-5.6	486.8	471.7	15.10	32.241		
3,000.0	2,929.0	2,944.3	2,929.0	11.6	7.7	-150.01	249.6	-5.6	514.3	498.7	15.56	33.043		
3,100.0	3,023.9	3,039.2	3,023.9	12.3	7.9	-151.66	249.6	-5.6	542.2	526.2	16.03	33.822		
3,200.0	3,118.8	3,134.1	3,118.8	12.9	8.1	-153.15	249.6	-5.6	570.5	554.0	16.50	34.586		
3,300.0	3,213.6	3,228.9	3,213.6	13.6	8.3	-154.50	249.6	-5.6	599.1	582.2	16.96	35.333		
3,400.0	3,308.5	3,323.8	3,308.5	14.2	8.4	-155.73	249.6	-5.6	628.0	610.6	17.42	36.058		
3,500.0	3,403.4	3,418.7	3,403.4	14.9	8.6	-156.85	249.6	-5.6	657.2	639.3	17.88	36.760		
3,600.0	3,498.3	3,513.6	3,498.3	15.5	8.8	-157.88	249.6	-5.6	686.6	668.2	18.34	37.437		
3,700.0	3,593.2	3,608.5	3,593.2	16.2	9.0	-158.83	249.6	-5.6	716.1	697.3	18.80	38.089		
3,800.0	3,688.0	3,703.3	3,688.0	16.8	9.1	-159.70	249.6	-5.6	745.8	726.6	19.26	38.717		
3,900.0	3,782.9	3,798.2	3,782.9	17.5	9.3	-160.50	249.6	-5.6	775.7	756.0	19.73	39.319		
4,000.0	3,877.8	3,893.1	3,877.8	18.2	9.5	-161.25	249.6	-5.6	805.7	785.5	20.19	39.897		
4,100.0	3,972.7	3,988.0	3,972.7	18.8	9.7	-161.94	249.6	-5.6	835.8	815.2	20.66	40.452		
4,200.0	4,067.6	4,082.9	4,067.6	19.5	9.9	-162.59	249.6	-5.6	866.1	844.9	21.13	40.984		
4,300.0	4,162.5	4,177.8	4,162.5	20.2	10.1	-163.19	249.6	-5.6	896.4	874.8	21.60	41.493		
4,400.0	4,257.3	4,272.6	4,257.3	20.8	10.3	-163.75	249.6	-5.6	926.8	904.7	22.08	41.982		
4,500.0	4,352.2	4,367.5	4,352.2	21.5	10.4	-164.28	249.6	-5.6	957.2	934.7	22.55	42.450		
4,600.0	4,447.1	4,462.4	4,447.1	22.1	10.6	-164.77	249.6	-5.6	987.8	964.8	23.03	42.899		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W - SRC Gilbert 42-14-11CHZ - Wellbore #1 - Plan #2										Offset Site Error:		0.0 ft
Survey Program: 0-MWD												Offset Well Error:		0.0 ft
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	Offset		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
0.0	0.0	0.0	0.0	0.0	0.0	-90.00	0.0	-22.6	22.6					
100.0	100.0	100.0	100.0	0.1	0.1	-90.00	0.0	-22.6	22.6	22.3	0.22	100.374		
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-22.6	22.6	21.9	0.67	33.458		
300.0	300.0	300.0	300.0	0.6	0.6	-90.00	0.0	-22.6	22.6	21.4	1.12	20.075		
400.0	400.0	400.0	400.0	0.8	0.8	-90.00	0.0	-22.6	22.6	21.0	1.57	14.339		
500.0	500.0	500.0	500.0	1.0	1.0	-90.00	0.0	-22.6	22.6	20.5	2.02	11.153		
600.0	600.0	600.0	600.0	1.2	1.2	-90.00	0.0	-22.6	22.6	20.1	2.47	9.125		
700.0	700.0	700.0	700.0	1.5	1.5	-90.00	0.0	-22.6	22.6	19.6	2.92	7.721		
800.0	800.0	800.0	800.0	1.7	1.7	-90.00	0.0	-22.6	22.6	19.2	3.37	6.692		
900.0	900.0	900.0	900.0	1.9	1.9	-90.00	0.0	-22.6	22.6	18.7	3.82	5.904		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-90.00	0.0	-22.6	22.6	18.3	4.27	5.283 CC, ES		
1,100.0	1,100.0	1,100.0	1,100.0	2.3	2.4	-171.02	0.0	-22.6	24.3	19.6	4.71	5.158		
1,200.0	1,199.8	1,199.8	1,199.8	2.6	2.6	-172.59	0.0	-22.6	29.5	24.3	5.13	5.740		
1,300.0	1,299.5	1,299.5	1,299.5	2.8	2.8	-174.26	0.0	-22.6	38.1	32.6	5.56	6.862		
1,400.0	1,398.7	1,398.7	1,398.7	3.0	3.0	-175.63	0.0	-22.6	50.3	44.3	5.98	8.411		
1,500.0	1,497.5	1,497.5	1,497.5	3.3	3.3	-176.65	0.0	-22.6	65.9	59.5	6.39	10.304		
1,600.0	1,595.6	1,598.4	1,598.4	3.6	3.5	-177.17	0.5	-21.0	83.3	76.5	6.80	12.256		
1,700.0	1,693.1	1,700.1	1,700.0	4.0	3.7	-177.20	2.2	-15.9	100.8	93.6	7.19	14.014		
1,800.0	1,789.6	1,802.4	1,801.8	4.4	3.9	-176.95	5.0	-7.4	118.2	110.7	7.59	15.582		
1,900.0	1,885.3	1,905.3	1,904.0	4.9	4.2	-176.52	9.0	4.6	135.7	127.7	7.99	16.979		
2,000.0	1,980.2	2,008.0	2,005.4	5.4	4.4	-175.97	14.1	20.0	152.1	143.6	8.45	17.993		
2,100.0	2,075.1	2,106.8	2,102.7	6.0	4.7	-175.46	19.4	35.9	167.5	158.5	8.94	18.728		
2,200.0	2,169.9	2,205.6	2,200.1	6.6	5.0	-175.04	24.7	51.8	182.8	173.4	9.44	19.365		
2,300.0	2,264.8	2,304.4	2,297.5	7.2	5.3	-174.68	30.0	67.7	198.2	188.3	9.95	19.922		
2,400.0	2,359.7	2,403.2	2,394.8	7.8	5.6	-174.37	35.2	83.7	213.6	203.1	10.47	20.408		
2,500.0	2,454.6	2,502.0	2,492.2	8.4	5.9	-174.11	40.5	99.6	229.0	218.0	10.99	20.835		
2,600.0	2,549.5	2,600.8	2,589.6	9.1	6.3	-173.88	45.8	115.5	244.4	232.9	11.52	21.213		
2,700.0	2,644.3	2,699.6	2,687.0	9.7	6.6	-173.67	51.1	131.4	259.8	247.7	12.06	21.547		
2,800.0	2,739.2	2,798.4	2,784.3	10.3	6.9	-173.49	56.4	147.3	275.2	262.6	12.60	21.845		
2,900.0	2,834.1	2,897.2	2,881.7	11.0	7.3	-173.33	61.6	163.2	290.6	277.5	13.14	22.111		
3,000.0	2,929.0	2,996.0	2,979.1	11.6	7.6	-173.18	66.9	179.1	306.0	292.3	13.69	22.350		
3,100.0	3,023.9	3,094.8	3,076.4	12.3	8.0	-173.05	72.2	195.0	321.4	307.2	14.24	22.566		
3,200.0	3,118.8	3,193.6	3,173.8	12.9	8.4	-172.93	77.5	210.9	336.8	322.0	14.80	22.761		
3,300.0	3,213.6	3,292.4	3,271.2	13.6	8.7	-172.82	82.8	226.8	352.2	336.9	15.36	22.938		
3,400.0	3,308.5	3,391.3	3,368.6	14.2	9.1	-172.72	88.0	242.7	367.6	351.7	15.92	23.099		
3,500.0	3,403.4	3,490.1	3,465.9	14.9	9.4	-172.63	93.3	258.7	383.1	366.6	16.48	23.246		
3,600.0	3,498.3	3,588.9	3,563.3	15.5	9.8	-172.54	98.6	274.6	398.5	381.4	17.04	23.381		
3,700.0	3,593.2	3,687.7	3,660.7	16.2	10.2	-172.47	103.9	290.5	413.9	396.3	17.61	23.505		
3,800.0	3,688.0	3,786.5	3,758.0	16.8	10.5	-172.39	109.2	306.4	429.3	411.1	18.18	23.619		
3,900.0	3,782.9	3,885.3	3,855.4	17.5	10.9	-172.32	114.4	322.3	444.7	426.0	18.75	23.724		
4,000.0	3,877.8	3,984.1	3,952.8	18.2	11.3	-172.26	119.7	338.2	460.1	440.8	19.32	23.821		
4,100.0	3,972.7	4,082.9	4,050.1	18.8	11.7	-172.20	125.0	354.1	475.6	455.7	19.89	23.912		
4,200.0	4,067.6	4,181.7	4,147.5	19.5	12.0	-172.15	130.3	370.0	491.0	470.5	20.46	23.996		
4,300.0	4,162.5	4,280.5	4,244.9	20.2	12.4	-172.09	135.6	385.9	506.4	485.4	21.04	24.074		
4,400.0	4,257.3	4,379.3	4,342.3	20.8	12.8	-172.05	140.8	401.8	521.8	500.2	21.61	24.147		
4,500.0	4,352.2	4,478.1	4,439.6	21.5	13.2	-172.00	146.1	417.8	537.2	515.1	22.19	24.215		
4,600.0	4,447.1	4,576.9	4,537.0	22.1	13.5	-171.96	151.4	433.7	552.7	529.9	22.76	24.279		
4,700.0	4,542.0	4,675.7	4,634.4	22.8	13.9	-171.91	156.7	449.6	568.1	544.7	23.34	24.339		
4,800.0	4,636.9	4,774.5	4,731.7	23.5	14.3	-171.88	162.0	465.5	583.5	559.6	23.92	24.395		
4,900.0	4,731.8	4,873.3	4,829.1	24.1	14.7	-171.84	167.2	481.4	598.9	574.4	24.50	24.448		
5,000.0	4,826.6	4,972.1	4,926.5	24.8	15.0	-171.80	172.5	497.3	614.3	589.3	25.08	24.498		

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 Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	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			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,921.5	5,070.9	5,023.9	25.5	15.4	-171.77	177.8	513.2	629.8	604.1	25.66	24.545		
5,200.0	5,016.4	5,169.7	5,121.2	26.1	15.8	-171.74	183.1	529.1	645.2	618.9	26.24	24.590		
5,300.0	5,111.3	5,268.5	5,218.6	26.8	16.2	-171.71	188.4	545.0	660.6	633.8	26.82	24.632		
5,400.0	5,206.2	5,367.3	5,316.0	27.5	16.6	-171.68	193.6	560.9	676.0	648.6	27.40	24.671		
5,500.0	5,301.0	5,466.1	5,413.3	28.1	16.9	-171.65	198.9	576.8	691.5	663.5	27.98	24.709		
5,600.0	5,395.9	5,564.9	5,510.7	28.8	17.3	-171.62	204.2	592.8	706.9	678.3	28.57	24.745		
5,700.0	5,490.8	5,663.7	5,608.1	29.5	17.7	-171.60	209.5	608.7	722.3	693.1	29.15	24.779		
5,800.0	5,586.2	5,762.7	5,705.7	30.0	18.1	-171.59	214.8	624.6	736.2	706.4	29.79	24.710		
5,900.0	5,682.5	5,862.2	5,803.7	30.5	18.5	-171.54	220.1	640.6	746.6	716.2	30.39	24.571		
6,000.0	5,779.8	5,961.9	5,902.0	30.9	18.9	-171.45	225.4	656.7	753.6	722.7	30.94	24.354		
6,100.0	5,877.7	6,061.8	6,000.4	31.2	19.2	-171.30	230.8	672.8	757.2	725.7	31.47	24.065		
6,200.0	5,976.4	6,161.8	6,098.9	31.5	19.6	-171.11	236.1	688.9	757.3	725.4	31.95	23.704		
6,300.0	6,075.5	6,244.7	6,180.8	31.8	19.9	-170.92	240.3	701.5	755.0	722.6	32.31	23.364		
6,400.0	6,175.0	6,324.6	6,260.0	32.0	20.1	-170.76	243.6	711.5	751.8	719.2	32.60	23.058		
6,500.0	6,274.8	6,400.0	6,334.9	32.1	20.3	-170.62	246.1	719.1	747.9	715.0	32.83	22.779		
6,600.0	6,374.8	6,484.7	6,419.3	32.3	20.5	-170.47	248.2	725.3	743.1	710.1	33.02	22.506		
6,700.0	6,474.8	6,564.9	6,499.4	32.3	20.6	-90.04	249.4	729.1	738.5	705.3	33.29	22.186		
6,800.0	6,574.8	6,645.2	6,579.8	32.4	20.7	-90.01	250.0	730.7	736.5	703.0	33.59	21.925		
6,836.9	6,611.7	6,677.2	6,611.7	32.5	20.8	-90.13	250.0	730.7	736.5	702.8	33.71	21.850		
6,900.0	6,674.4	6,739.8	6,674.4	32.6	20.8	-90.66	250.0	730.7	736.5	702.6	33.87	21.747		
7,000.0	6,771.8	6,839.0	6,773.5	32.7	21.0	-92.25	251.2	730.7	737.1	702.9	34.13	21.596		
7,100.0	6,865.1	6,942.2	6,875.8	32.9	21.2	-94.00	264.6	730.7	738.4	703.8	34.55	21.368		
7,200.0	6,952.6	7,049.2	6,978.6	33.1	21.5	-95.71	293.9	730.7	740.3	705.1	35.18	21.046		
7,300.0	7,032.5	7,160.3	7,079.5	33.4	21.8	-97.33	340.1	730.7	742.8	706.8	36.02	20.621		
7,400.0	7,103.3	7,275.6	7,175.4	33.7	22.3	-98.82	403.9	730.7	745.6	708.4	37.15	20.069		
7,500.0	7,163.6	7,395.0	7,262.5	34.1	22.9	-100.14	485.3	730.7	748.5	709.8	38.66	19.362		
7,600.0	7,212.3	7,518.2	7,337.0	34.5	23.6	-101.25	583.2	730.7	751.1	710.5	40.65	18.479		
7,700.0	7,248.3	7,644.7	7,394.9	35.0	24.6	-102.09	695.5	730.7	753.3	710.1	43.18	17.445		
7,800.0	7,270.9	7,773.6	7,432.6	35.7	25.8	-102.63	818.6	730.7	754.8	708.5	46.27	16.312		
7,900.0	7,279.9	7,904.0	7,447.8	36.4	27.3	-102.85	947.9	730.7	755.4	705.6	49.82	15.163		
8,000.0	7,280.0	8,008.3	7,448.0	37.1	28.5	-102.85	1,052.2	730.7	755.4	702.7	52.68	14.340		
8,100.0	7,280.0	8,108.3	7,448.0	38.0	29.8	-102.85	1,152.2	730.7	755.4	699.9	55.50	13.610		
8,200.0	7,280.0	8,208.3	7,448.0	39.0	31.2	-102.85	1,252.2	730.7	755.4	697.0	58.43	12.928		
8,300.0	7,280.0	8,308.3	7,448.0	40.0	32.6	-102.85	1,352.2	730.7	755.4	693.9	61.45	12.292		
8,400.0	7,280.0	8,408.3	7,448.0	41.1	34.1	-102.85	1,452.2	730.7	755.4	690.8	64.55	11.702		
8,500.0	7,280.0	8,508.3	7,448.0	42.3	35.6	-102.85	1,552.2	730.7	755.4	687.7	67.72	11.155		
8,600.0	7,280.0	8,608.3	7,448.0	43.5	37.2	-102.85	1,652.2	730.7	755.4	684.5	70.94	10.648		
8,700.0	7,280.0	8,708.3	7,448.0	44.8	38.8	-102.85	1,752.2	730.7	755.4	681.2	74.22	10.178		
8,800.0	7,280.0	8,808.3	7,448.0	46.1	40.4	-102.85	1,852.2	730.7	755.4	677.9	77.54	9.743		
8,900.0	7,280.0	8,908.3	7,448.0	47.5	42.1	-102.85	1,952.2	730.7	755.4	674.5	80.89	9.338		
9,000.0	7,280.0	9,008.3	7,448.0	49.0	43.7	-102.85	2,052.2	730.7	755.4	671.1	84.28	8.963		
9,100.0	7,280.0	9,108.3	7,448.0	50.4	45.4	-102.85	2,152.2	730.7	755.4	667.7	87.71	8.613		
9,200.0	7,280.0	9,208.3	7,448.0	51.9	47.1	-102.85	2,252.2	730.7	755.4	664.3	91.15	8.287		
9,300.0	7,280.0	9,308.3	7,448.0	53.4	48.9	-102.85	2,352.2	730.7	755.4	660.8	94.63	7.983		
9,400.0	7,280.0	9,408.3	7,448.0	55.0	50.6	-102.85	2,452.2	730.7	755.4	657.3	98.12	7.699		
9,500.0	7,280.0	9,508.3	7,448.0	56.6	52.4	-102.85	2,552.2	730.7	755.4	653.8	101.63	7.433		
9,600.0	7,280.0	9,608.3	7,448.0	58.2	54.1	-102.85	2,652.2	730.7	755.4	650.3	105.16	7.183		
9,700.0	7,280.0	9,708.3	7,448.0	59.8	55.9	-102.85	2,752.2	730.7	755.4	646.7	108.71	6.949		
9,800.0	7,280.0	9,808.3	7,448.0	61.5	57.7	-102.85	2,852.2	730.7	755.4	643.2	112.26	6.729		
9,900.0	7,280.0	9,908.3	7,448.0	63.1	59.5	-102.85	2,952.2	730.7	755.4	639.6	115.84	6.521		
10,000.0	7,280.0	10,008.3	7,448.0	64.8	61.3	-102.85	3,052.2	730.7	755.4	636.0	119.42	6.326		

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 Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	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			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
10,100.0	7,280.0	10,108.3	7,448.0	66.5	63.1	-102.85	3,152.2	730.7	755.4	632.4	123.01	6.141		
10,200.0	7,280.0	10,208.3	7,448.0	68.2	64.9	-102.85	3,252.2	730.7	755.4	628.8	126.62	5.966		
10,300.0	7,280.0	10,308.3	7,448.0	69.9	66.7	-102.85	3,352.2	730.7	755.4	625.2	130.23	5.801		
10,400.0	7,280.0	10,408.3	7,448.0	71.7	68.6	-102.85	3,452.2	730.7	755.4	621.6	133.85	5.644		
10,500.0	7,280.0	10,508.3	7,448.0	73.4	70.4	-102.85	3,552.2	730.7	755.4	618.0	137.48	5.495		
10,600.0	7,280.0	10,608.3	7,448.0	75.2	72.2	-102.85	3,652.2	730.7	755.4	614.3	141.11	5.353		
10,700.0	7,280.0	10,708.3	7,448.0	76.9	74.1	-102.85	3,752.2	730.7	755.4	610.7	144.76	5.219		
10,800.0	7,280.0	10,808.3	7,448.0	78.7	75.9	-102.85	3,852.2	730.7	755.4	607.0	148.40	5.091		
10,900.0	7,280.0	10,908.3	7,448.0	80.5	77.8	-102.85	3,952.2	730.7	755.4	603.4	152.06	4.968		
11,000.0	7,280.0	11,008.3	7,448.0	82.2	79.6	-102.85	4,052.2	730.7	755.4	599.7	155.71	4.852		
11,100.0	7,280.0	11,108.3	7,448.0	84.0	81.5	-102.85	4,152.2	730.7	755.4	596.1	159.38	4.740		
11,200.0	7,280.0	11,208.3	7,448.0	85.8	83.3	-102.85	4,252.2	730.7	755.5	592.4	163.04	4.633		
11,300.0	7,280.0	11,308.3	7,448.0	87.6	85.2	-102.85	4,352.2	730.7	755.5	588.7	166.72	4.531		
11,400.0	7,280.0	11,408.3	7,448.0	89.4	87.1	-102.85	4,452.2	730.7	755.5	585.1	170.39	4.434		
11,500.0	7,280.0	11,508.3	7,448.0	91.2	88.9	-102.85	4,552.2	730.7	755.5	581.4	174.07	4.340		
11,600.0	7,280.0	11,608.3	7,448.0	93.1	90.8	-102.85	4,652.2	730.7	755.5	577.7	177.75	4.250		
11,700.0	7,280.0	11,708.3	7,448.0	94.9	92.7	-102.85	4,752.2	730.7	755.5	574.0	181.44	4.164		
11,800.0	7,280.0	11,808.3	7,448.0	96.7	94.5	-102.85	4,852.2	730.7	755.5	570.3	185.13	4.081		
11,900.0	7,280.0	11,908.3	7,448.0	98.5	96.4	-102.85	4,952.2	730.7	755.5	566.6	188.82	4.001		
12,000.0	7,280.0	12,008.3	7,448.0	100.4	98.3	-102.85	5,052.2	730.7	755.5	563.0	192.51	3.924		
12,100.0	7,280.0	12,108.3	7,448.0	102.2	100.2	-102.85	5,152.2	730.7	755.5	559.3	196.21	3.850		
12,110.0	7,280.0	12,118.2	7,448.0	102.4	100.3	-102.85	5,162.2	730.7	755.5	558.9	196.58	3.843		
12,149.1	7,280.0	12,132.2	7,448.0	103.1	100.6	-102.85	5,176.2	730.7	755.9	558.3	197.56	3.826 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W - SRC Gilbert A-14-11CHZM - Wellbore #1 - Plan #2											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance		Between		Minimum	Separation	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Separation (ft)	Factor			
0.0	0.0	0.0	0.0	0.0	0.0	-89.54	0.4	-45.1	45.1						
100.0	100.0	100.0	100.0	0.1	0.1	-89.54	0.4	-45.1	45.1	44.9	0.22	200.754			
200.0	200.0	200.0	200.0	0.3	0.3	-89.54	0.4	-45.1	45.1	44.4	0.67	66.918			
300.0	300.0	300.0	300.0	0.6	0.6	-89.54	0.4	-45.1	45.1	44.0	1.12	40.151			
400.0	400.0	400.0	400.0	0.8	0.8	-89.54	0.4	-45.1	45.1	43.5	1.57	28.679			
500.0	500.0	500.0	500.0	1.0	1.0	-89.54	0.4	-45.1	45.1	43.1	2.02	22.306			
600.0	600.0	600.0	600.0	1.2	1.2	-89.54	0.4	-45.1	45.1	42.7	2.47	18.250			
700.0	700.0	700.0	700.0	1.5	1.5	-89.54	0.4	-45.1	45.1	42.2	2.92	15.443			
800.0	800.0	800.0	800.0	1.7	1.7	-89.54	0.4	-45.1	45.1	41.8	3.37	13.384 CC, ES			
900.0	900.0	898.4	898.4	1.9	1.9	-89.10	0.7	-46.8	46.8	43.0	3.81	12.290			
1,000.0	1,000.0	996.7	996.5	2.1	2.1	-87.95	1.9	-51.7	51.9	47.6	4.24	12.224 SF			
1,100.0	1,100.0	1,094.2	1,093.7	2.3	2.3	-167.11	3.7	-59.8	62.0	57.3	4.67	13.276			
1,200.0	1,199.8	1,190.5	1,189.3	2.6	2.6	-166.45	6.2	-71.0	78.8	73.7	5.09	15.479			
1,300.0	1,299.5	1,284.8	1,282.5	2.8	2.8	-166.16	9.4	-85.0	102.1	96.6	5.51	18.531			
1,400.0	1,398.7	1,376.5	1,372.7	3.0	3.1	-166.06	13.2	-101.5	131.9	125.9	5.93	22.230			
1,500.0	1,497.5	1,468.2	1,462.3	3.3	3.5	-166.07	17.4	-120.3	167.3	160.9	6.35	26.331			
1,600.0	1,595.6	1,560.4	1,552.3	3.6	3.8	-166.23	21.8	-139.5	206.1	199.3	6.76	30.494			
1,700.0	1,693.1	1,651.1	1,641.0	4.0	4.2	-166.47	26.0	-158.3	248.0	240.8	7.16	34.637			
1,800.0	1,789.6	1,740.4	1,728.2	4.4	4.5	-166.73	30.2	-176.9	293.0	285.4	7.57	38.727			
1,900.0	1,885.3	1,828.1	1,813.9	4.9	4.9	-167.00	34.4	-195.1	341.0	333.1	7.96	42.832			
2,000.0	1,980.2	1,914.6	1,898.4	5.4	5.3	-167.42	38.5	-213.0	391.1	382.7	8.41	46.513			
2,100.0	2,075.1	2,001.1	1,982.9	6.0	5.7	-167.79	42.5	-231.0	441.2	432.4	8.88	49.707			
2,200.0	2,169.9	2,087.6	2,067.4	6.6	6.0	-168.08	46.6	-249.0	491.4	482.0	9.35	52.531			
2,300.0	2,264.8	2,174.0	2,151.9	7.2	6.4	-168.32	50.7	-267.0	541.6	531.7	9.84	55.041			
2,400.0	2,359.7	2,260.5	2,236.4	7.8	6.8	-168.52	54.8	-284.9	591.7	581.4	10.33	57.282			
2,500.0	2,454.6	2,347.0	2,320.9	8.4	7.2	-168.69	58.8	-302.9	641.9	631.1	10.83	59.292			
2,600.0	2,549.5	2,433.5	2,405.4	9.1	7.6	-168.84	62.9	-320.9	692.1	680.8	11.33	61.102			
2,700.0	2,644.3	2,520.0	2,489.9	9.7	8.0	-168.96	67.0	-338.8	742.3	730.5	11.83	62.738			
2,800.0	2,739.2	2,606.5	2,574.4	10.3	8.4	-169.07	71.1	-356.8	792.5	780.1	12.34	64.222			
2,900.0	2,834.1	2,693.0	2,658.9	11.0	8.8	-169.16	75.1	-374.8	842.7	829.8	12.85	65.573			
3,000.0	2,929.0	2,779.4	2,743.4	11.6	9.2	-169.25	79.2	-392.7	892.9	879.5	13.36	66.806			
3,100.0	3,023.9	2,865.9	2,827.9	12.3	9.6	-169.32	83.3	-410.7	943.0	929.2	13.88	67.937			
3,200.0	3,118.8	2,952.4	2,912.4	12.9	10.0	-169.39	87.4	-428.7	993.2	978.8	14.40	68.977			

Offset Design													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	4.0	4.0	0.0	0.0	-89.70	0.4	-67.4	67.4	67.4	0.00	N/A			
100.0	100.0	104.0	104.0	0.1	0.1	-89.70	0.4	-67.4	67.4	67.2	0.23	288.352			
200.0	200.0	204.0	204.0	0.3	0.3	-89.70	0.4	-67.4	67.4	66.7	0.68	98.647			
300.0	300.0	304.0	304.0	0.6	0.6	-89.70	0.4	-67.4	67.4	66.3	1.13	59.501			
400.0	400.0	404.0	404.0	0.8	0.8	-89.70	0.4	-67.4	67.4	65.8	1.58	42.597			
500.0	500.0	504.0	504.0	1.0	1.0	-89.70	0.4	-67.4	67.4	65.4	2.03	33.173			
565.3	565.3	569.3	569.3	1.2	1.2	-89.70	0.4	-67.4	67.4	65.1	2.33	28.987	CC		
600.0	600.0	603.9	603.9	1.2	1.2	-89.70	0.4	-67.4	67.4	64.9	2.48	27.171	ES		
700.0	700.0	701.6	701.6	1.5	1.5	-89.45	0.7	-69.2	69.2	66.3	2.92	23.744			
800.0	800.0	800.0	799.8	1.7	1.7	-88.81	1.5	-74.3	74.4	71.1	3.35	22.210			
900.0	900.0	896.0	895.5	1.9	1.9	-87.95	3.0	-82.5	83.0	79.2	3.80	21.841	SF		
1,000.0	1,000.0	992.4	991.1	2.1	2.1	-87.00	4.9	-93.8	94.8	90.6	4.27	22.206			
1,100.0	1,100.0	1,087.5	1,085.2	2.3	2.4	-166.54	7.4	-108.2	111.7	107.1	4.67	23.935			
1,200.0	1,199.8	1,180.7	1,176.8	2.6	2.7	-166.13	10.3	-125.2	135.1	130.0	5.10	26.502			
1,300.0	1,299.5	1,271.5	1,265.3	2.8	3.1	-165.96	13.7	-144.6	164.9	159.4	5.53	29.829			
1,400.0	1,398.7	1,359.2	1,350.4	3.0	3.5	-165.92	17.4	-166.0	200.8	194.8	5.95	33.735			
1,500.0	1,497.5	1,445.4	1,433.2	3.3	3.9	-165.94	21.4	-189.3	242.5	236.1	6.38	38.028			
1,600.0	1,595.6	1,534.4	1,518.6	3.6	4.4	-166.04	25.7	-214.2	288.0	281.2	6.78	42.461			
1,700.0	1,693.1	1,621.8	1,602.4	4.0	4.8	-166.19	29.9	-238.6	336.4	329.2	7.19	46.769			
1,800.0	1,789.6	1,707.6	1,684.6	4.4	5.3	-166.35	34.1	-262.5	387.9	380.3	7.59	51.112			
1,900.0	1,885.3	1,791.5	1,765.1	4.9	5.8	-166.51	38.1	-285.9	442.2	434.2	7.98	55.385			
2,000.0	1,980.2	1,874.1	1,844.3	5.4	6.3	-166.89	42.1	-309.0	498.5	490.0	8.43	59.124			
2,100.0	2,075.1	1,956.6	1,923.5	6.0	6.8	-167.24	46.1	-332.0	554.8	545.9	8.90	62.335			
2,200.0	2,169.9	2,039.2	2,002.7	6.6	7.2	-167.53	50.1	-355.1	611.2	601.8	9.38	65.164			
2,300.0	2,264.8	2,121.8	2,081.9	7.2	7.7	-167.77	54.0	-378.1	667.6	657.7	9.87	67.669			
2,400.0	2,359.7	2,204.3	2,161.1	7.8	8.2	-167.97	58.0	-401.2	724.0	713.6	10.36	69.897			
2,500.0	2,454.6	2,286.9	2,240.2	8.4	8.7	-168.15	62.0	-424.2	780.3	769.5	10.86	71.885			
2,600.0	2,549.5	2,369.5	2,319.4	9.1	9.2	-168.30	66.0	-447.2	836.7	825.4	11.36	73.668			
2,700.0	2,644.3	2,452.0	2,398.6	9.7	9.7	-168.43	70.0	-470.3	893.1	881.3	11.86	75.275			
2,800.0	2,739.2	2,534.6	2,477.8	10.3	10.2	-168.54	74.0	-493.3	949.5	937.2	12.38	76.728			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4847.0ft (RKB - 12')
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °

Coordinates are relative to: SRC Gilbert 42-14-11NHZ
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.49°



Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Gilbert 42-14-11NHZ
Project:	SEC.14-T5N-R66W	TVD Reference:	WELL @ 4847.0ft (RKB - 12')
Reference Site:	SRC Gilbert 42-14-11NHZ Pad Sec.14-T5N-R66W	MD Reference:	WELL @ 4847.0ft (RKB - 12')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Gilbert 42-14-11NHZ	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 (7-24-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4847.0ft (RKB - 12')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °

Coordinates are relative to: SRC Gilbert 42-14-11NHZ
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.49°

