

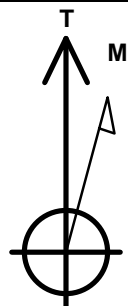
Synergy Resources

Well Name: **SRC Vista D-2N-C**

Surface Location: SRC Vista Pad Sec.2-T4N-R68W
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
 Ground Elevation: 5000.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1367596.90 3145255.22 40.341283 -104.978905
 Ensign 131 RKB - 13.5' WELL @ 5013.5ft (Ensign 131 RKB - 13.5')

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2103'FSL & 254'FWL	1.0	0.0	0.0	Point
BHL 1272'FSL & 460'FEL	6900.0	-791.2	4589.7	Point



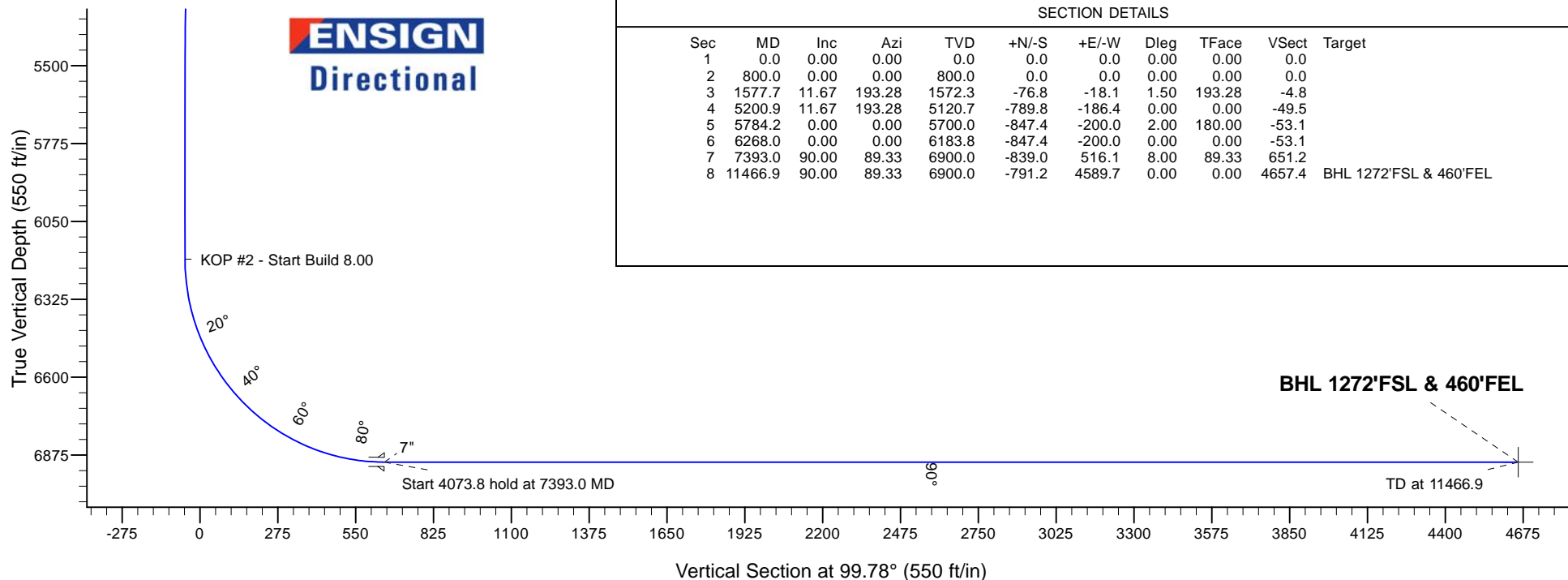
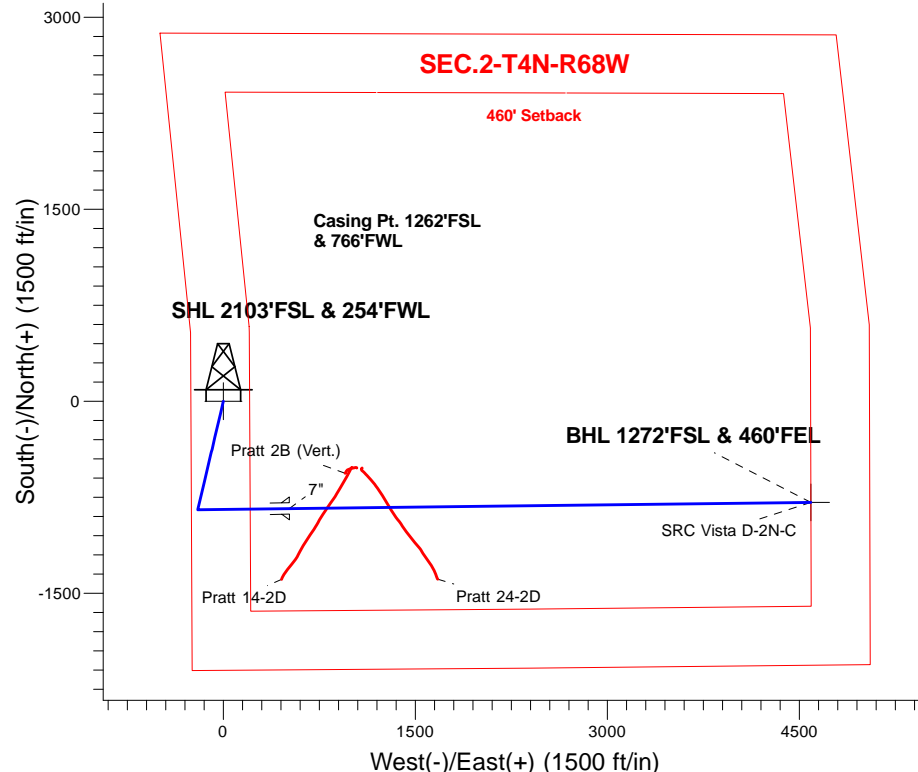
Azimuths to True North
 Magnetic North: 8.40°

Magnetic Field
 Strength: 52627.3snT
 Dip Angle: 66.82°
 Date: 9/21/2015
 Model: IGRF2010

SRC Vista Pad Sec.2-T4N-R68W
SRC Vista D-2N-C
Plan #2 (9-21-15)
18:05, September 21 2015

ANNOTATIONS

TVD	MD	Annotation
800.0	800.0	KOP - Start Build 1.50
5120.7	5200.9	Start Drop -2.00
6183.8	6268.0	KOP #2 - Start Build 8.00
6900.0	7393.0	Start 4073.8 hold at 7393.0 MD
6900.0	11466.9	TD at 11466.9



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.0	
3	1577.7	11.67	193.28	1572.3	-76.8	-18.1	1.50	193.28	-4.8	
4	5200.9	11.67	193.28	5120.7	-789.8	-186.4	0.00	0.00	-49.5	
5	5784.2	0.00	0.00	5700.0	-847.4	-200.0	2.00	180.00	-53.1	
6	6268.0	0.00	0.00	6183.8	-847.4	-200.0	0.00	0.00	-53.1	
7	7393.0	90.00	89.33	6900.0	-839.0	516.1	8.00	89.33	651.2	
8	11466.9	90.00	89.33	6900.0	-791.2	4589.7	0.00	0.00	4657.4	BHL 1272'FSL & 460'FEL



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista D-2N-C

Wellbore #1

Plan: Plan #2 (9-21-15)

Standard Planning Report

21 September, 2015



Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site:	SRC Vista Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Project	SEC.2-T4N-R68W, Weld County, Colorad		
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 Vista Pad Sec.2-T4N-R68W			
Site Position:		Northing:	1,367,536.80 usft	Latitude: 40.341118
From:	Lat/Long	Easting:	3,145,255.85 usft	Longitude: -104.978904
Position Uncertainty:	0.0 ft	Slot Radius:	13-3/16 "	Grid Convergence: 0.34 °

Well	SRC Vista D-2N-C			
Well Position	+N/-S	60.1 ft	Northing:	1,367,596.90 usft
	+E/-W	-0.3 ft	Easting:	3,145,255.22 usft
Position Uncertainty		0.0 ft	Wellhead Elevation:	Ground Level: 5,000.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/21/2015	8.40	66.82	52,627

Design	Plan #2 (9-21-15)			
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	99.78

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,577.7	11.67	193.28	1,572.3	-76.8	-18.1	1.50	1.50	0.00	193.28	
5,200.9	11.67	193.28	5,120.7	-789.8	-186.4	0.00	0.00	0.00	0.00	
5,784.2	0.00	0.00	5,700.0	-847.4	-200.0	2.00	-2.00	0.00	180.00	
6,268.0	0.00	0.00	6,183.8	-847.4	-200.0	0.00	0.00	0.00	0.00	
7,393.0	90.00	89.33	6,900.0	-839.0	516.1	8.00	8.00	0.00	89.33	
11,466.9	90.00	89.33	6,900.0	-791.2	4,589.7	0.00	0.00	0.00	0.00	BHL 1272'FSL & 460'

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site:	SRC Vista Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 2103'FSL & 254'FWL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
900.0	1.50	193.28	900.0	-1.3	-0.3	-0.1	1.50	1.50	0.00
1,000.0	3.00	193.28	999.9	-5.1	-1.2	-0.3	1.50	1.50	0.00
1,100.0	4.50	193.28	1,099.7	-11.5	-2.7	-0.7	1.50	1.50	0.00
1,200.0	6.00	193.28	1,199.3	-20.4	-4.8	-1.3	1.50	1.50	0.00
1,300.0	7.50	193.28	1,298.6	-31.8	-7.5	-2.0	1.50	1.50	0.00
1,400.0	9.00	193.28	1,397.5	-45.8	-10.8	-2.9	1.50	1.50	0.00
1,500.0	10.50	193.28	1,496.1	-62.3	-14.7	-3.9	1.50	1.50	0.00
1,577.7	11.67	193.28	1,572.3	-76.8	-18.1	-4.8	1.50	1.50	0.00
1,600.0	11.67	193.28	1,594.2	-81.2	-19.2	-5.1	0.00	0.00	0.00
1,700.0	11.67	193.28	1,692.1	-100.9	-23.8	-6.3	0.00	0.00	0.00
1,800.0	11.67	193.28	1,790.0	-120.5	-28.4	-7.6	0.00	0.00	0.00
1,900.0	11.67	193.28	1,888.0	-140.2	-33.1	-8.8	0.00	0.00	0.00
2,000.0	11.67	193.28	1,985.9	-159.9	-37.7	-10.0	0.00	0.00	0.00
2,100.0	11.67	193.28	2,083.8	-179.6	-42.4	-11.3	0.00	0.00	0.00
2,200.0	11.67	193.28	2,181.8	-199.3	-47.0	-12.5	0.00	0.00	0.00
2,300.0	11.67	193.28	2,279.7	-218.9	-51.7	-13.7	0.00	0.00	0.00
2,400.0	11.67	193.28	2,377.7	-238.6	-56.3	-15.0	0.00	0.00	0.00
2,500.0	11.67	193.28	2,475.6	-258.3	-61.0	-16.2	0.00	0.00	0.00
2,600.0	11.67	193.28	2,573.5	-278.0	-65.6	-17.4	0.00	0.00	0.00
2,700.0	11.67	193.28	2,671.5	-297.6	-70.2	-18.7	0.00	0.00	0.00
2,800.0	11.67	193.28	2,769.4	-317.3	-74.9	-19.9	0.00	0.00	0.00
2,900.0	11.67	193.28	2,867.3	-337.0	-79.5	-21.1	0.00	0.00	0.00
3,000.0	11.67	193.28	2,965.3	-356.7	-84.2	-22.4	0.00	0.00	0.00
3,100.0	11.67	193.28	3,063.2	-376.4	-88.8	-23.6	0.00	0.00	0.00
3,200.0	11.67	193.28	3,161.1	-396.0	-93.5	-24.8	0.00	0.00	0.00
3,300.0	11.67	193.28	3,259.1	-415.7	-98.1	-26.1	0.00	0.00	0.00
3,400.0	11.67	193.28	3,357.0	-435.4	-102.8	-27.3	0.00	0.00	0.00
3,500.0	11.67	193.28	3,454.9	-455.1	-107.4	-28.5	0.00	0.00	0.00
3,600.0	11.67	193.28	3,552.9	-474.8	-112.1	-29.8	0.00	0.00	0.00
3,700.0	11.67	193.28	3,650.8	-494.4	-116.7	-31.0	0.00	0.00	0.00
3,800.0	11.67	193.28	3,748.7	-514.1	-121.3	-32.2	0.00	0.00	0.00
3,900.0	11.67	193.28	3,846.7	-533.8	-126.0	-33.5	0.00	0.00	0.00
4,000.0	11.67	193.28	3,944.6	-553.5	-130.6	-34.7	0.00	0.00	0.00
4,100.0	11.67	193.28	4,042.5	-573.2	-135.3	-35.9	0.00	0.00	0.00
4,200.0	11.67	193.28	4,140.5	-592.8	-139.9	-37.2	0.00	0.00	0.00
4,300.0	11.67	193.28	4,238.4	-612.5	-144.6	-38.4	0.00	0.00	0.00
4,400.0	11.67	193.28	4,336.3	-632.2	-149.2	-39.6	0.00	0.00	0.00
4,500.0	11.67	193.28	4,434.3	-651.9	-153.9	-40.9	0.00	0.00	0.00
4,600.0	11.67	193.28	4,532.2	-671.5	-158.5	-42.1	0.00	0.00	0.00
4,700.0	11.67	193.28	4,630.1	-691.2	-163.1	-43.3	0.00	0.00	0.00
4,800.0	11.67	193.28	4,728.1	-710.9	-167.8	-44.6	0.00	0.00	0.00
4,900.0	11.67	193.28	4,826.0	-730.6	-172.4	-45.8	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site:	SRC Vista Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,000.0	11.67	193.28	4,923.9	-750.3	-177.1	-47.0	0.00	0.00	0.00
5,100.0	11.67	193.28	5,021.9	-769.9	-181.7	-48.3	0.00	0.00	0.00
5,200.0	11.67	193.28	5,119.8	-789.6	-186.4	-49.5	0.00	0.00	0.00
5,200.9	11.67	193.28	5,120.7	-789.8	-186.4	-49.5	0.00	0.00	0.00
Start Drop -2.00									
5,300.0	9.68	193.28	5,218.1	-807.7	-190.6	-50.6	2.00	-2.00	0.00
5,400.0	7.68	193.28	5,316.9	-822.4	-194.1	-51.6	2.00	-2.00	0.00
5,500.0	5.68	193.28	5,416.2	-833.7	-196.8	-52.3	2.00	-2.00	0.00
5,600.0	3.68	193.28	5,515.9	-841.6	-198.6	-52.8	2.00	-2.00	0.00
5,700.0	1.68	193.28	5,615.8	-846.2	-199.7	-53.1	2.00	-2.00	0.00
5,784.2	0.00	0.00	5,700.0	-847.4	-200.0	-53.1	2.00	-2.00	0.00
5,800.0	0.00	0.00	5,715.8	-847.4	-200.0	-53.1	0.00	0.00	0.00
5,900.0	0.00	0.00	5,815.8	-847.4	-200.0	-53.1	0.00	0.00	0.00
6,000.0	0.00	0.00	5,915.8	-847.4	-200.0	-53.1	0.00	0.00	0.00
6,100.0	0.00	0.00	6,015.8	-847.4	-200.0	-53.1	0.00	0.00	0.00
6,200.0	0.00	0.00	6,115.8	-847.4	-200.0	-53.1	0.00	0.00	0.00
6,268.0	0.00	0.00	6,183.8	-847.4	-200.0	-53.1	0.00	0.00	0.00
KOP #2 - Start Build 8.00									
6,300.0	2.56	89.33	6,215.8	-847.4	-199.3	-52.4	7.99	7.99	0.00
6,400.0	10.56	89.33	6,315.0	-847.3	-187.9	-41.2	8.00	8.00	0.00
6,500.0	18.56	89.33	6,411.7	-847.0	-162.8	-16.5	8.00	8.00	0.00
6,600.0	26.56	89.33	6,504.0	-846.5	-124.4	21.2	8.00	8.00	0.00
6,700.0	34.56	89.33	6,590.1	-845.9	-73.6	71.1	8.00	8.00	0.00
6,800.0	42.56	89.33	6,668.2	-845.2	-11.4	132.4	8.00	8.00	0.00
6,900.0	50.56	89.33	6,736.9	-844.3	61.2	203.7	8.00	8.00	0.00
7,000.0	58.56	89.33	6,794.8	-843.4	142.6	283.8	8.00	8.00	0.00
7,100.0	66.56	89.33	6,840.9	-842.3	231.3	371.0	8.00	8.00	0.00
7,200.0	74.56	89.33	6,874.1	-841.2	325.5	463.6	8.00	8.00	0.00
7,300.0	82.56	89.33	6,894.0	-840.1	423.4	560.0	8.00	8.00	0.00
7,393.0	90.00	89.33	6,900.0	-839.0	516.1	651.2	8.00	8.00	0.00
Start 4073.8 hold at 7393.0 MD - 7"									
7,400.0	90.00	89.33	6,900.0	-838.9	523.1	658.0	0.03	0.03	0.00
7,500.0	90.00	89.33	6,900.0	-837.7	623.1	756.4	0.00	0.00	0.00
7,600.0	90.00	89.33	6,900.0	-836.6	723.1	854.7	0.00	0.00	0.00
7,700.0	90.00	89.33	6,900.0	-835.4	823.1	953.1	0.00	0.00	0.00
7,800.0	90.00	89.33	6,900.0	-834.2	923.1	1,051.4	0.00	0.00	0.00
7,900.0	90.00	89.33	6,900.0	-833.1	1,023.1	1,149.7	0.00	0.00	0.00
8,000.0	90.00	89.33	6,900.0	-831.9	1,123.1	1,248.1	0.00	0.00	0.00
8,100.0	90.00	89.33	6,900.0	-830.7	1,223.1	1,346.4	0.00	0.00	0.00
8,200.0	90.00	89.33	6,900.0	-829.5	1,323.1	1,444.8	0.00	0.00	0.00
8,300.0	90.00	89.33	6,900.0	-828.4	1,423.1	1,543.1	0.00	0.00	0.00
8,400.0	90.00	89.33	6,900.0	-827.2	1,523.1	1,641.4	0.00	0.00	0.00
8,500.0	90.00	89.33	6,900.0	-826.0	1,623.0	1,739.8	0.00	0.00	0.00
8,600.0	90.00	89.33	6,900.0	-824.8	1,723.0	1,838.1	0.00	0.00	0.00
8,700.0	90.00	89.33	6,900.0	-823.7	1,823.0	1,936.5	0.00	0.00	0.00
8,800.0	90.00	89.33	6,900.0	-822.5	1,923.0	2,034.8	0.00	0.00	0.00
8,900.0	90.00	89.33	6,900.0	-821.3	2,023.0	2,133.1	0.00	0.00	0.00
9,000.0	90.00	89.33	6,900.0	-820.1	2,123.0	2,231.5	0.00	0.00	0.00
9,100.0	90.00	89.33	6,900.0	-819.0	2,223.0	2,329.8	0.00	0.00	0.00
9,200.0	90.00	89.33	6,900.0	-817.8	2,323.0	2,428.2	0.00	0.00	0.00
9,300.0	90.00	89.33	6,900.0	-816.6	2,423.0	2,526.5	0.00	0.00	0.00
9,400.0	90.00	89.33	6,900.0	-815.5	2,523.0	2,624.8	0.00	0.00	0.00
9,500.0	90.00	89.33	6,900.0	-814.3	2,623.0	2,723.2	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site:	SRC Vista Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,600.0	90.00	89.33	6,900.0	-813.1	2,723.0	2,821.5	0.00	0.00	0.00	
9,700.0	90.00	89.33	6,900.0	-811.9	2,823.0	2,919.9	0.00	0.00	0.00	
9,800.0	90.00	89.33	6,900.0	-810.8	2,923.0	3,018.2	0.00	0.00	0.00	
9,900.0	90.00	89.33	6,900.0	-809.6	3,023.0	3,116.5	0.00	0.00	0.00	
10,000.0	90.00	89.33	6,900.0	-808.4	3,122.9	3,214.9	0.00	0.00	0.00	
10,100.0	90.00	89.33	6,900.0	-807.2	3,222.9	3,313.2	0.00	0.00	0.00	
10,200.0	90.00	89.33	6,900.0	-806.1	3,322.9	3,411.6	0.00	0.00	0.00	
10,300.0	90.00	89.33	6,900.0	-804.9	3,422.9	3,509.9	0.00	0.00	0.00	
10,400.0	90.00	89.33	6,900.0	-803.7	3,522.9	3,608.2	0.00	0.00	0.00	
10,500.0	90.00	89.33	6,900.0	-802.6	3,622.9	3,706.6	0.00	0.00	0.00	
10,600.0	90.00	89.33	6,900.0	-801.4	3,722.9	3,804.9	0.00	0.00	0.00	
10,700.0	90.00	89.33	6,900.0	-800.2	3,822.9	3,903.3	0.00	0.00	0.00	
10,800.0	90.00	89.33	6,900.0	-799.0	3,922.9	4,001.6	0.00	0.00	0.00	
10,900.0	90.00	89.33	6,900.0	-797.9	4,022.9	4,099.9	0.00	0.00	0.00	
11,000.0	90.00	89.33	6,900.0	-796.7	4,122.9	4,198.3	0.00	0.00	0.00	
11,100.0	90.00	89.33	6,900.0	-795.5	4,222.9	4,296.6	0.00	0.00	0.00	
11,200.0	90.00	89.33	6,900.0	-794.3	4,322.9	4,395.0	0.00	0.00	0.00	
11,300.0	90.00	89.33	6,900.0	-793.2	4,422.9	4,493.3	0.00	0.00	0.00	
11,400.0	90.00	89.33	6,900.0	-792.0	4,522.8	4,591.7	0.00	0.00	0.00	
11,466.9	90.00	89.33	6,900.0	-791.2	4,589.7	4,657.4	0.00	0.00	0.00	
TD at 11466.9 - BHL 1272'FSL & 460'FEL										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
SHL 2103'FSL & 254'FW	0.00	0.00	1.0	0.0	0.0	1,367,596.90	3,145,255.22	40.341283	-104.978905	
- plan hits target center										
- Point										
BHL 1272'FSL & 460'FE	0.00	0.00	6,900.0	-791.2	4,589.7	1,366,832.70	3,149,849.30	40.339110	-104.962441	
- plan hits target center										
- Point										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,393.0	6,900.0	7"	7	7-1/2	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
800.0	800.0	0.0	0.0	KOP - Start Build 1.50	
5,200.9	5,120.7	-789.8	-186.4	Start Drop -2.00	
6,268.0	6,183.8	-847.4	-200.0	KOP #2 - Start Build 8.00	
7,393.0	6,900.0	-839.0	516.1	Start 4073.8 hold at 7393.0 MD	
11,466.9	6,900.0	-791.2	4,589.7	TD at 11466.9	



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista D-2N-C

Wellbore #1

Plan #2 (9-21-15)

Anticollision Report

21 September, 2015



Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Reference	Plan #2 (9-21-15)		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 1,000.0 ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	9/21/2015		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,466.9	Plan #2 (9-21-15) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Pratt 14-2D Pad Sec.2-T4N-R68W						
Pratt 14-2D - Wellbore #1 - Wellbore #1	7,376.7	6,918.7	472.6	432.9	11.913	CC
Pratt 14-2D - Wellbore #1 - Wellbore #1	7,393.0	6,917.1	472.8	432.9	11.831	ES
Pratt 14-2D - Wellbore #1 - Wellbore #1	7,500.0	6,904.7	487.9	445.8	11.608	SF
Pratt 24-2D - Wellbore #1 - Wellbore #1	8,499.7	6,917.8	468.1	401.3	7.010	CC
Pratt 24-2D - Wellbore #1 - Wellbore #1	8,500.0	6,917.9	468.1	401.3	7.009	ES
Pratt 24-2D - Wellbore #1 - Wellbore #1	8,600.0	6,926.1	478.7	409.1	6.885	SF
Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1	7,835.0	6,905.8	274.9	228.4	5.909	CC, ES
Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1	7,900.0	6,905.5	282.5	234.4	5.872	SF
SRC Vista Pad Sec.2-T4N-R68W						
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	80.1	76.8	23.770	CC, ES
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,707.0	938.9	691.7	3.798	SF
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	99.8	96.4	29.606	CC, ES
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,280.8	902.7	644.3	3.493	SF
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	60.1	56.7	17.827	CC, ES
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,398.3	600.0	339.0	2.299	SF
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	400.0	400.0	40.1	38.5	25.478	CC, ES
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,867.6	608.0	384.9	2.726	SF
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	20.1	17.6	8.112	CC, ES
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,520.7	296.9	35.9	1.137	Level 2, SF
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	200.0	200.0	60.1	59.4	89.153	CC, ES
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,615.0	776.3	515.2	2.973	SF
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	20.0	16.7	5.941	CC, ES
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,760.9	368.6	223.2	2.535	SF
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	40.1	36.7	11.884	CC, ES
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,466.9	11,428.3	303.1	42.4	1.163	Level 2, SF
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	119.8	116.5	35.547	CC, ES
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,300.0	1,298.6	151.8	146.4	27.834	SF

Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 14-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program:		108-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)		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 108-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		
3,500.0	3,454.9	3,518.4	3,489.9	11.6	9.7	-81.70	-829.7	814.5	995.6	974.4	21.13	47.115		
3,600.0	3,552.9	3,629.3	3,599.3	12.0	10.1	-81.94	-844.9	803.8	988.7	966.7	21.95	45.036		
3,700.0	3,650.8	3,727.2	3,695.6	12.5	10.4	-82.10	-859.0	793.8	981.5	958.8	22.75	43.144		
3,800.0	3,748.7	3,821.8	3,788.7	12.9	10.8	-82.28	-872.6	784.4	974.8	951.3	23.52	41.438		
3,900.0	3,846.7	3,917.0	3,882.6	13.4	11.1	-82.47	-886.1	775.7	968.5	944.3	24.29	39.870		
4,000.0	3,944.6	4,012.8	3,977.1	13.8	11.4	-82.69	-899.6	767.3	962.8	937.7	25.06	38.425		
4,100.0	4,042.5	4,108.0	4,071.1	14.2	11.7	-82.98	-912.1	759.7	957.4	931.5	25.81	37.093		
4,200.0	4,140.5	4,203.9	4,166.0	14.7	12.0	-83.30	-924.4	752.7	952.4	925.9	26.56	35.858		
4,300.0	4,238.4	4,304.9	4,265.8	15.1	12.4	-83.63	-937.6	745.5	947.8	920.5	27.34	34.667		
4,400.0	4,336.3	4,408.2	4,367.8	15.6	12.7	-83.91	-951.9	737.4	942.9	914.7	28.14	33.511		
4,500.0	4,434.3	4,511.8	4,470.1	16.0	13.1	-84.18	-966.4	728.9	937.6	908.7	28.94	32.402		
4,600.0	4,532.2	4,621.5	4,578.0	16.5	13.5	-84.37	-982.9	718.6	931.6	901.8	29.78	31.288		
4,700.0	4,630.1	4,717.9	4,672.8	16.9	13.9	-84.52	-997.7	709.0	925.2	894.7	30.57	30.265		
4,800.0	4,728.1	4,816.8	4,770.2	17.4	14.2	-84.73	-1,012.0	699.8	919.1	887.8	31.36	29.312		
4,900.0	4,826.0	4,915.5	4,867.6	17.8	14.6	-85.00	-1,025.5	690.9	913.1	881.0	32.14	28.413		
5,000.0	4,923.9	5,013.0	4,963.8	18.2	14.9	-85.25	-1,039.3	682.3	907.3	874.4	32.92	27.564		
5,100.0	5,021.9	5,118.1	5,067.4	18.7	15.3	-85.52	-1,054.1	672.7	901.4	867.6	33.73	26.726		
5,200.9	5,120.7	5,222.5	5,170.3	19.1	15.6	-85.80	-1,068.3	662.8	894.8	860.3	34.53	25.916		
5,300.0	5,218.1	5,325.2	5,271.6	19.5	16.0	-85.87	-1,081.8	652.8	888.2	852.9	35.23	25.213		
5,400.0	5,316.9	5,420.2	5,365.5	19.8	16.3	-85.83	-1,092.5	643.7	881.4	845.6	35.80	24.623		
5,500.0	5,416.2	5,500.3	5,444.8	20.0	16.6	-85.63	-1,102.0	637.5	876.6	840.4	36.28	24.163		
5,600.0	5,515.9	5,594.0	5,537.6	20.2	16.9	-85.21	-1,113.9	631.5	873.8	837.0	36.78	23.755		
5,700.0	5,615.8	5,694.5	5,637.0	20.3	17.2	-84.50	-1,127.2	625.1	871.5	834.2	37.28	23.375		
5,784.2	5,700.0	5,782.1	5,723.6	20.4	17.5	109.61	-1,139.3	619.0	869.7	842.9	26.81	32.434		
5,800.0	5,715.8	5,799.2	5,740.4	20.5	17.6	109.79	-1,141.6	617.8	869.3	842.4	26.88	32.338		
5,900.0	5,815.8	5,906.8	5,846.7	20.6	17.9	110.89	-1,156.3	609.3	866.6	839.3	27.31	31.733		
6,000.0	5,915.8	6,004.4	5,943.0	20.7	18.3	111.93	-1,169.9	601.0	863.8	836.1	27.72	31.155		
6,100.0	6,015.8	6,098.5	6,035.6	20.8	18.6	113.03	-1,184.4	592.7	861.5	833.4	28.14	30.611		
6,200.0	6,115.8	6,195.2	6,130.6	20.9	19.0	114.25	-1,200.7	584.2	860.2	831.6	28.58	30.096		
6,268.0	6,183.8	6,266.9	6,201.0	21.0	19.3	115.15	-1,212.6	577.7	859.3	830.4	28.90	29.731		
6,300.0	6,215.8	6,301.5	6,235.0	21.0	19.4	26.31	-1,218.1	574.5	858.1	818.0	40.12	21.392		
6,350.0	6,265.6	6,357.5	6,290.0	21.1	19.6	27.30	-1,226.8	569.0	853.6	813.4	40.19	21.239		
6,400.0	6,315.0	6,412.4	6,343.9	21.1	19.8	28.55	-1,235.2	563.2	845.7	805.6	40.10	21.092		
6,450.0	6,363.8	6,459.6	6,390.3	21.1	20.0	29.93	-1,242.3	558.0	834.8	795.0	39.82	20.966		
6,500.0	6,411.7	6,505.1	6,435.0	21.2	20.2	31.57	-1,249.1	553.0	821.2	781.8	39.39	20.850		
6,550.0	6,458.5	6,549.6	6,478.8	21.2	20.4	33.50	-1,255.6	548.2	805.1	766.3	38.83	20.736		
6,600.0	6,504.0	6,594.6	6,523.1	21.2	20.5	35.83	-1,262.0	543.3	786.6	748.5	38.16	20.612		
6,650.0	6,547.9	6,637.6	6,565.3	21.2	20.7	38.52	-1,268.1	538.5	765.9	728.5	37.42	20.466		
6,700.0	6,590.1	6,677.7	6,604.8	21.2	20.8	41.57	-1,273.7	534.0	743.2	706.5	36.65	20.278		
6,750.0	6,630.2	6,713.0	6,639.5	21.2	21.0	44.88	-1,278.7	529.9	718.9	683.0	35.90	20.028		
6,800.0	6,668.2	6,745.9	6,671.8	21.3	21.1	48.54	-1,283.4	526.1	693.5	658.2	35.23	19.686		
6,850.0	6,703.8	6,776.2	6,701.6	21.3	21.2	52.50	-1,287.7	522.7	667.2	632.5	34.71	19.224		
6,900.0	6,736.9	6,804.0	6,728.9	21.3	21.3	56.69	-1,291.7	519.5	640.6	606.2	34.40	18.624		
6,950.0	6,767.3	6,829.9	6,754.4	21.4	21.4	61.08	-1,295.4	516.6	614.0	579.7	34.33	17.887		
7,000.0	6,794.8	6,852.8	6,777.0	21.4	21.5	65.43	-1,298.6	514.0	588.0	553.5	34.49	17.047		
7,050.0	6,819.4	6,872.6	6,796.5	21.5	21.6	69.59	-1,301.3	511.8	563.1	528.2	34.85	16.155		
7,100.0	6,840.9	6,889.2	6,812.8	21.6	21.6	73.38	-1,303.6	510.0	539.9	504.6	35.37	15.265		
7,150.0	6,859.2	6,902.5	6,825.9	21.8	21.7	76.65	-1,305.4	508.5	519.2	483.2	36.00	14.425		
7,200.0	6,874.1	6,912.3	6,835.6	22.1	21.7	79.28	-1,306.7	507.5	501.7	465.0	36.70	13.669		
7,250.0	6,885.8	6,918.7	6,841.8	22.4	21.7	81.18	-1,307.6	506.8	487.8	450.3	37.47	13.018		
7,300.0	6,894.0	6,921.5	6,844.6	22.9	21.7	82.29	-1,307.9	506.5	478.2	439.9	38.30	12.486		
7,350.0	6,898.7	6,920.7	6,843.8	23.5	21.7	82.59	-1,307.8	506.6	473.3	434.1	39.18	12.079		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 14-2D - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 108-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)			
7,376.7	6,899.8	6,918.7	6,841.9	23.9	21.7	82.41	-1,307.6	506.8	472.6	432.9	39.67	11.913 CC		
7,393.0	6,900.0	6,917.1	6,840.2	24.1	21.7	82.18	-1,307.3	507.0	472.8	432.9	39.97	11.831 ES		
7,400.0	6,900.0	6,916.3	6,839.4	24.2	21.7	82.09	-1,307.2	507.1	473.1	433.0	40.10	11.799		
7,500.0	6,900.0	6,904.7	6,828.0	25.9	21.7	80.69	-1,305.7	508.3	487.9	445.8	42.03	11.608 SF		
7,600.0	6,900.0	6,893.0	6,816.5	27.9	21.6	79.28	-1,304.1	509.6	521.5	477.4	44.06	11.835		
7,700.0	6,900.0	6,881.1	6,804.8	30.0	21.6	77.86	-1,302.5	510.9	570.6	524.5	46.15	12.364		
7,800.0	6,900.0	6,869.2	6,793.1	32.3	21.6	76.43	-1,300.9	512.2	631.7	583.4	48.28	13.084		
7,900.0	6,900.0	6,857.1	6,781.2	34.6	21.5	74.99	-1,299.2	513.5	701.5	651.1	50.41	13.916		
8,000.0	6,900.0	6,844.8	6,769.1	37.0	21.5	73.55	-1,297.5	514.9	777.8	725.3	52.54	14.804		
8,100.0	6,900.0	6,832.5	6,757.0	39.5	21.4	72.10	-1,295.7	516.3	858.8	804.2	54.64	15.717		
8,200.0	6,900.0	6,820.0	6,744.7	42.0	21.4	70.64	-1,294.0	517.7	943.3	886.6	56.71	16.635		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 24-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 250-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	
7,700.0	6,900.0	6,849.6	6,773.6	30.0	21.7	74.18	-1,281.0	1,622.5	924.2	878.4	45.86	20.153	
7,800.0	6,900.0	6,858.4	6,782.3	32.3	21.7	75.23	-1,282.2	1,623.2	839.8	791.5	48.30	17.386	
7,900.0	6,900.0	6,867.1	6,790.9	34.6	21.8	76.28	-1,283.4	1,623.9	759.1	708.3	50.82	14.937	
8,000.0	6,900.0	6,875.7	6,799.4	37.0	21.8	77.32	-1,284.5	1,624.7	683.4	630.0	53.39	12.800	
8,100.0	6,900.0	6,884.3	6,807.8	39.5	21.8	78.36	-1,285.6	1,625.4	614.6	558.6	56.02	10.972	
8,200.0	6,900.0	6,892.8	6,816.2	42.0	21.8	79.39	-1,286.7	1,626.1	555.3	496.6	58.67	9.464	
8,300.0	6,900.0	6,901.2	6,824.6	44.5	21.9	80.42	-1,287.8	1,626.8	508.6	447.3	61.36	8.290	
8,400.0	6,900.0	6,909.6	6,832.8	47.1	21.9	81.44	-1,288.9	1,627.5	478.5	414.5	64.07	7.469	
8,499.7	6,900.0	6,917.8	6,841.0	49.7	21.9	82.45	-1,290.0	1,628.2	468.1	401.3	66.78	7.010 CC	
8,500.0	6,900.0	6,917.9	6,841.0	49.7	21.9	82.45	-1,290.0	1,628.2	468.1	401.3	66.79	7.009 ES	
8,600.0	6,900.0	6,926.1	6,849.1	52.4	22.0	83.45	-1,291.1	1,628.8	478.7	409.1	69.52	6.885 SF	
8,700.0	6,900.0	6,934.1	6,857.1	55.0	22.0	84.44	-1,292.1	1,629.5	508.9	436.6	72.26	7.043	
8,800.0	6,900.0	6,941.9	6,864.8	57.7	22.0	85.39	-1,293.1	1,630.1	555.6	480.6	75.00	7.409	
8,900.0	6,900.0	6,949.5	6,872.3	60.3	22.0	86.31	-1,294.1	1,630.7	615.1	537.4	77.74	7.913	
9,000.0	6,900.0	6,957.0	6,879.7	63.0	22.1	87.21	-1,295.1	1,631.3	684.0	603.5	80.47	8.500	
9,100.0	6,900.0	6,964.2	6,886.8	65.7	22.1	88.09	-1,296.0	1,631.9	759.8	676.6	83.20	9.132	
9,200.0	6,900.0	6,971.2	6,893.8	68.4	22.1	88.94	-1,296.9	1,632.4	840.6	754.6	85.92	9.783	
9,300.0	6,900.0	6,978.1	6,900.6	71.1	22.1	89.77	-1,297.8	1,632.9	925.1	836.4	88.64	10.437	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1											Offset Site Error:		0.0 ft
Survey Program:		48-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
6,850.0	6,703.8	6,714.2	6,713.2	21.3	14.2	-23.35	-558.0	955.8	975.3	949.7	25.53	38.207			
6,900.0	6,736.9	6,747.2	6,746.1	21.3	14.2	-25.97	-558.1	955.7	939.2	914.6	24.61	38.165			
6,950.0	6,767.3	6,777.4	6,776.4	21.4	14.3	-29.20	-558.3	955.5	901.1	877.2	23.91	37.692			
7,000.0	6,794.8	6,804.8	6,803.7	21.4	14.4	-33.19	-558.4	955.4	861.3	837.8	23.58	36.527			
7,050.0	6,819.4	6,829.1	6,828.1	21.5	14.4	-38.08	-558.5	955.3	820.1	796.2	23.82	34.430			
7,100.0	6,840.9	6,850.4	6,849.4	21.6	14.5	-44.03	-558.6	955.2	777.5	752.8	24.78	31.376			
7,150.0	6,859.2	6,868.5	6,867.4	21.8	14.5	-51.09	-558.7	955.1	734.1	707.6	26.51	27.692			
7,200.0	6,874.1	6,883.2	6,882.2	22.1	14.5	-59.17	-558.8	955.0	690.0	661.2	28.82	23.940			
7,250.0	6,885.8	6,894.6	6,893.6	22.4	14.6	-67.90	-558.9	954.9	645.6	614.3	31.35	20.597			
7,300.0	6,894.0	6,902.5	6,901.5	22.9	14.6	-76.65	-558.9	954.9	601.3	567.7	33.66	17.866			
7,350.0	6,898.7	6,907.0	6,906.0	23.5	14.6	-84.73	-558.9	954.9	557.5	522.0	35.50	15.704			
7,393.0	6,900.0	6,908.1	6,907.1	24.1	14.6	-90.74	-558.9	954.9	520.5	483.8	36.70	14.183			
7,400.0	6,900.0	6,908.1	6,907.0	24.2	14.6	-90.74	-558.9	954.9	514.6	477.8	36.84	13.971			
7,500.0	6,900.0	6,907.6	6,906.5	25.9	14.6	-90.63	-558.9	954.9	433.4	394.5	38.86	11.151			
7,600.0	6,900.0	6,907.0	6,906.0	27.9	14.6	-90.52	-558.9	954.9	361.7	320.7	41.03	8.814			
7,700.0	6,900.0	6,906.5	6,905.5	30.0	14.6	-90.41	-558.9	954.9	306.3	263.0	43.31	7.072			
7,800.0	6,900.0	6,906.0	6,905.0	32.3	14.6	-90.31	-558.9	954.9	277.2	231.5	45.68	6.067			
7,835.0	6,900.0	6,905.8	6,904.8	33.1	14.6	-90.27	-558.9	954.9	274.9	228.4	46.53	5.909 CC, ES			
7,900.0	6,900.0	6,905.5	6,904.5	34.6	14.6	-90.20	-558.9	954.9	282.5	234.4	48.11	5.872 SF			
8,000.0	6,900.0	6,905.0	6,903.9	37.0	14.6	-90.09	-558.9	954.9	320.6	270.0	50.60	6.337			
8,100.0	6,900.0	6,904.5	6,903.4	39.5	14.6	-89.99	-558.9	954.9	381.8	328.7	53.13	7.187			
8,200.0	6,900.0	6,904.0	6,902.9	42.0	14.6	-89.88	-558.9	954.9	456.9	401.2	55.69	8.205			
8,300.0	6,900.0	6,903.4	6,902.4	44.5	14.6	-89.77	-558.9	954.9	540.2	481.9	58.28	9.268			
8,400.0	6,900.0	6,902.9	6,901.9	47.1	14.6	-89.66	-558.9	954.9	628.3	567.4	60.90	10.317			
8,500.0	6,900.0	6,902.4	6,901.4	49.7	14.6	-89.56	-558.9	954.9	719.6	656.0	63.54	11.325			
8,600.0	6,900.0	6,901.9	6,900.9	52.4	14.6	-89.45	-558.9	954.9	812.9	746.7	66.19	12.281			
8,700.0	6,900.0	6,901.4	6,900.4	55.0	14.6	-89.34	-558.9	954.9	907.6	838.7	68.86	13.180			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.01	80.1	0.0	80.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.01	80.1	0.0	80.1	79.9	0.22	356.547		
200.0	200.0	200.0	200.0	0.3	0.3	0.01	80.1	0.0	80.1	79.5	0.67	118.849		
300.0	300.0	300.0	300.0	0.6	0.6	0.01	80.1	0.0	80.1	79.0	1.12	71.309		
400.0	400.0	400.0	400.0	0.8	0.8	0.01	80.1	0.0	80.1	78.6	1.57	50.935		
500.0	500.0	500.0	500.0	1.0	1.0	0.01	80.1	0.0	80.1	78.1	2.02	39.616		
600.0	600.0	600.0	600.0	1.2	1.2	0.01	80.1	0.0	80.1	77.7	2.47	32.413		
700.0	700.0	700.0	700.0	1.5	1.5	0.01	80.1	0.0	80.1	77.2	2.92	27.427		
800.0	800.0	800.0	800.0	1.7	1.7	0.01	80.1	0.0	80.1	76.8	3.37	23.770 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	166.93	80.1	0.0	81.4	77.6	3.79	21.454		
1,000.0	999.9	999.9	999.9	2.1	2.1	167.51	80.1	0.0	85.2	81.0	4.20	20.296		
1,100.0	1,099.7	1,099.7	1,099.7	2.3	2.4	168.38	80.1	0.0	91.6	87.0	4.61	19.865		
1,200.0	1,199.3	1,199.3	1,199.3	2.5	2.6	169.40	80.1	0.0	100.6	95.6	5.03	19.996		
1,300.0	1,298.6	1,298.6	1,298.6	2.7	2.8	170.48	80.1	0.0	112.2	106.7	5.45	20.569		
1,400.0	1,397.5	1,397.5	1,397.5	3.0	3.0	171.52	80.1	0.0	126.4	120.5	5.88	21.493		
1,500.0	1,496.1	1,496.1	1,496.1	3.3	3.3	172.49	80.1	0.0	143.1	136.8	6.31	22.699		
1,577.7	1,572.3	1,572.3	1,572.3	3.5	3.4	173.17	80.1	0.0	158.0	151.3	6.64	23.797		
1,600.0	1,594.2	1,594.2	1,594.2	3.6	3.5	173.36	80.1	0.0	162.4	155.7	6.74	24.116		
1,700.0	1,692.1	1,693.6	1,693.6	4.0	3.7	173.76	79.9	-1.1	182.2	175.0	7.17	25.419		
1,800.0	1,790.0	1,793.5	1,793.4	4.3	3.9	173.37	79.1	-4.8	201.1	193.5	7.59	26.480		
1,900.0	1,888.0	1,893.5	1,893.2	4.7	4.1	172.39	77.7	-11.0	219.1	211.1	8.03	27.278		
2,000.0	1,985.9	1,993.6	1,992.9	5.1	4.3	170.94	75.8	-19.8	236.5	228.0	8.49	27.846		
2,100.0	2,083.8	2,092.7	2,091.3	5.5	4.5	169.24	73.5	-30.6	253.4	244.5	8.97	28.241		
2,200.0	2,181.8	2,191.0	2,189.0	6.0	4.8	167.71	71.1	-41.5	270.5	261.0	9.47	28.559		
2,300.0	2,279.7	2,289.2	2,286.7	6.4	5.0	166.36	68.7	-52.5	287.7	277.7	9.98	28.821		
2,400.0	2,377.7	2,387.5	2,384.3	6.8	5.2	165.16	66.3	-63.4	305.1	294.6	10.51	29.037		
2,500.0	2,475.6	2,485.8	2,482.0	7.2	5.5	164.09	63.9	-74.3	322.6	311.5	11.04	29.212		
2,600.0	2,573.5	2,584.1	2,579.6	7.7	5.8	163.14	61.5	-85.3	340.1	328.5	11.59	29.356		
2,700.0	2,671.5	2,682.4	2,677.3	8.1	6.0	162.27	59.2	-96.2	357.8	345.7	12.14	29.473		
2,800.0	2,769.4	2,780.7	2,774.9	8.5	6.3	161.49	56.8	-107.1	375.5	362.8	12.70	29.567		
2,900.0	2,867.3	2,879.0	2,872.6	9.0	6.6	160.78	54.4	-118.1	393.3	380.1	13.27	29.643		
3,000.0	2,965.3	2,977.3	2,970.2	9.4	6.8	160.13	52.0	-129.0	411.2	397.3	13.84	29.705		
3,100.0	3,063.2	3,075.6	3,067.9	9.8	7.1	159.53	49.6	-139.9	429.1	414.6	14.42	29.753		
3,200.0	3,161.1	3,173.9	3,165.5	10.3	7.4	158.99	47.2	-150.9	447.0	432.0	15.00	29.792		
3,300.0	3,259.1	3,272.2	3,263.2	10.7	7.7	158.48	44.9	-161.8	465.0	449.4	15.59	29.822		
3,400.0	3,357.0	3,370.5	3,360.8	11.1	8.0	158.01	42.5	-172.7	483.0	466.8	16.18	29.845		
3,500.0	3,454.9	3,468.7	3,458.5	11.6	8.3	157.58	40.1	-183.7	501.0	484.2	16.78	29.862		
3,600.0	3,552.9	3,566.2	3,555.4	12.0	8.5	157.31	38.0	-193.4	519.1	501.8	17.31	29.983		
3,700.0	3,650.8	3,663.5	3,652.4	12.5	8.7	157.41	36.5	-199.9	537.5	519.7	17.80	30.188		
3,800.0	3,748.7	3,760.5	3,749.4	12.9	8.9	157.85	35.8	-203.2	556.0	537.7	18.26	30.457		
3,900.0	3,846.7	3,857.7	3,846.7	13.4	9.1	158.56	35.7	-203.6	574.8	556.1	18.68	30.769		
4,000.0	3,944.6	3,955.7	3,944.6	13.8	9.2	159.27	35.7	-203.6	593.7	574.6	19.11	31.065		
4,100.0	4,042.5	4,053.6	4,042.5	14.2	9.4	159.94	35.7	-203.6	612.7	593.2	19.55	31.342		
4,200.0	4,140.5	4,151.5	4,140.5	14.7	9.6	160.56	35.7	-203.6	631.8	611.8	19.99	31.609		
4,300.0	4,238.4	4,249.5	4,238.4	15.1	9.8	161.15	35.7	-203.6	650.9	630.5	20.43	31.864		
4,400.0	4,336.3	4,347.4	4,336.3	15.6	10.0	161.71	35.7	-203.6	670.1	649.3	20.87	32.110		
4,500.0	4,434.3	4,445.4	4,434.3	16.0	10.2	162.24	35.7	-203.6	689.4	668.1	21.31	32.346		
4,600.0	4,532.2	4,543.3	4,532.2	16.5	10.4	162.74	35.7	-203.6	708.7	687.0	21.76	32.573		
4,700.0	4,630.1	4,641.2	4,630.1	16.9	10.6	163.21	35.7	-203.6	728.1	705.9	22.20	32.790		
4,800.0	4,728.1	4,739.2	4,728.1	17.4	10.8	163.65	35.7	-203.6	747.5	724.9	22.65	33.000		
4,900.0	4,826.0	4,837.1	4,826.0	17.8	11.0	164.08	35.7	-203.6	767.0	743.9	23.10	33.201		
5,000.0	4,923.9	4,935.0	4,923.9	18.2	11.2	164.48	35.7	-203.6	786.5	762.9	23.55	33.394		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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	5,021.9	5,033.0	5,021.9	18.7	11.4	164.87	35.7	-203.6	806.0	782.0	24.00	33.580		
5,200.9	5,120.7	5,131.8	5,120.7	19.1	11.6	165.24	35.7	-203.6	825.7	801.3	24.46	33.761		
5,300.0	5,218.1	5,229.2	5,218.1	19.5	11.8	165.64	35.7	-203.6	843.5	818.6	24.95	33.812		
5,400.0	5,316.9	5,328.0	5,316.9	19.8	12.0	165.96	35.7	-203.6	858.2	832.8	25.39	33.798		
5,500.0	5,416.2	5,427.3	5,416.2	20.0	12.2	166.20	35.7	-203.6	869.5	843.7	25.80	33.694		
5,600.0	5,515.9	5,527.0	5,515.9	20.2	12.5	166.37	35.7	-203.6	877.4	851.2	26.19	33.507		
5,700.0	5,615.8	5,626.9	5,615.8	20.3	12.7	166.46	35.7	-203.6	881.9	855.4	26.53	33.241		
5,784.2	5,700.0	5,711.1	5,700.0	20.4	12.8	-0.23	35.7	-203.6	883.1	850.7	32.43	27.236		
5,800.0	5,715.8	5,726.9	5,715.8	20.5	12.9	-0.23	35.7	-203.6	883.1	850.7	32.48	27.190		
5,900.0	5,815.8	5,826.9	5,815.8	20.6	13.1	-0.23	35.7	-203.6	883.1	850.3	32.81	26.919		
6,000.0	5,915.8	5,926.9	5,915.8	20.7	13.3	-0.23	35.7	-203.6	883.1	850.0	33.14	26.652		
6,100.0	6,015.8	6,026.9	6,015.8	20.8	13.5	-0.23	35.7	-203.6	883.1	849.7	33.47	26.389		
6,200.0	6,115.8	6,126.9	6,115.8	20.9	13.7	-0.23	35.7	-203.6	883.1	849.3	33.80	26.128		
6,268.0	6,183.8	6,194.9	6,183.8	21.0	13.9	-0.23	35.7	-203.6	883.1	849.1	34.03	25.954		
6,300.0	6,215.8	6,226.8	6,215.8	21.0	13.9	-89.61	35.7	-203.6	883.1	854.4	28.76	30.709		
6,350.0	6,265.6	6,276.7	6,265.6	21.1	14.0	-89.87	35.7	-203.6	883.1	854.2	28.95	30.503		
6,366.5	6,282.0	6,293.0	6,282.0	21.1	14.1	-90.00	35.7	-203.6	883.1	854.1	29.01	30.438		
6,400.0	6,315.0	6,326.1	6,315.0	21.1	14.1	-90.34	35.7	-203.6	883.1	854.0	29.15	30.301		
6,450.0	6,363.8	6,374.9	6,363.8	21.1	14.3	-91.02	35.7	-203.6	883.3	853.9	29.34	30.105		
6,500.0	6,411.7	6,422.8	6,411.7	21.2	14.4	-91.87	35.7	-203.6	883.6	854.1	29.53	29.921		
6,550.0	6,458.5	6,469.6	6,458.5	21.2	14.5	-92.88	35.7	-203.6	884.4	854.7	29.72	29.757		
6,600.0	6,504.0	6,515.1	6,504.0	21.2	14.6	-93.99	35.7	-203.6	885.8	855.9	29.90	29.621		
6,650.0	6,547.9	6,565.5	6,554.4	21.2	14.6	-95.28	35.8	-201.8	887.8	857.7	30.08	29.513		
6,700.0	6,590.1	6,617.7	6,606.3	21.2	14.7	-96.57	35.8	-196.2	890.4	860.1	30.24	29.443		
6,750.0	6,630.2	6,672.1	6,659.7	21.2	14.8	-97.85	35.9	-186.4	893.4	863.1	30.39	29.401		
6,800.0	6,668.2	6,728.7	6,714.4	21.3	14.9	-99.13	36.1	-171.9	897.0	866.5	30.54	29.375		
6,850.0	6,703.8	6,787.8	6,770.2	21.3	14.9	-100.40	36.3	-152.2	901.0	870.3	30.70	29.351		
6,900.0	6,736.9	6,849.7	6,826.6	21.3	15.0	-101.65	36.6	-126.7	905.2	874.4	30.89	29.308		
6,950.0	6,767.3	6,914.6	6,883.1	21.4	15.1	-102.88	37.0	-94.9	909.8	878.6	31.14	29.215		
7,000.0	6,794.8	6,982.7	6,939.1	21.4	15.3	-104.07	37.5	-56.2	914.4	882.9	31.49	29.042		
7,050.0	6,819.4	7,054.2	6,993.6	21.5	15.5	-105.21	38.0	-10.0	919.1	887.1	31.97	28.751		
7,100.0	6,840.9	7,129.1	7,045.5	21.6	15.8	-106.29	38.6	44.0	923.6	890.9	32.65	28.289		
7,150.0	6,859.2	7,207.5	7,093.4	21.8	16.4	-107.27	39.3	106.0	927.8	894.2	33.57	27.637		
7,200.0	6,874.1	7,289.2	7,135.8	22.1	17.1	-108.14	40.2	175.7	931.5	896.7	34.80	26.765		
7,250.0	6,885.8	7,373.9	7,171.2	22.4	18.1	-108.87	41.1	252.7	934.7	898.3	36.39	25.687		
7,300.0	6,894.0	7,461.1	7,197.8	22.9	19.4	-109.42	42.0	335.7	937.1	898.8	38.33	24.450		
7,350.0	6,898.7	7,550.2	7,214.4	23.5	20.9	-109.78	43.0	423.2	938.6	898.0	40.60	23.118		
7,393.0	6,900.0	7,627.8	7,219.9	24.1	22.3	-109.91	43.9	500.5	939.2	896.4	42.80	21.945		
7,400.0	6,900.0	7,640.2	7,220.0	24.2	22.6	-109.92	44.1	512.8	939.2	896.1	43.15	21.768		
7,500.0	6,900.0	7,740.2	7,220.0	25.9	24.6	-109.92	45.2	612.8	939.2	892.2	46.99	19.986		
7,600.0	6,900.0	7,840.2	7,220.0	27.9	26.8	-109.92	46.4	712.8	939.2	888.1	51.08	18.386		
7,700.0	6,900.0	7,940.2	7,220.0	30.0	29.0	-109.92	47.6	812.8	939.2	883.8	55.38	16.961		
7,800.0	6,900.0	8,040.2	7,220.0	32.3	31.4	-109.92	48.7	912.8	939.2	879.4	59.83	15.698		
7,900.0	6,900.0	8,140.2	7,220.0	34.6	33.8	-109.92	49.9	1,012.8	939.2	874.8	64.41	14.581		
8,000.0	6,900.0	8,240.2	7,220.0	37.0	36.3	-109.92	51.1	1,112.8	939.2	870.1	69.10	13.592		
8,100.0	6,900.0	8,340.2	7,220.0	39.5	38.8	-109.92	52.2	1,212.8	939.2	865.3	73.86	12.715		
8,200.0	6,900.0	8,440.2	7,220.0	42.0	41.4	-109.92	53.4	1,312.8	939.2	860.5	78.70	11.934		
8,300.0	6,900.0	8,540.2	7,220.0	44.5	44.0	-109.92	54.6	1,412.8	939.2	855.6	83.59	11.236		
8,400.0	6,900.0	8,640.2	7,220.0	47.1	46.6	-109.92	55.7	1,512.8	939.2	850.6	88.52	10.609		
8,500.0	6,900.0	8,740.2	7,220.0	49.7	49.3	-109.92	56.9	1,612.8	939.2	845.7	93.50	10.044		
8,600.0	6,900.0	8,840.2	7,220.0	52.4	51.9	-109.92	58.0	1,712.8	939.1	840.6	98.51	9.534		
8,700.0	6,900.0	8,940.2	7,220.0	55.0	54.6	-109.92	59.2	1,812.8	939.1	835.6	103.55	9.070		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
8,800.0	6,900.0	9,040.2	7,220.0	57.7	57.3	-109.92	60.4	1,912.7	939.1	830.5	108.61	8.647			
8,900.0	6,900.0	9,140.2	7,220.0	60.3	60.0	-109.92	61.5	2,012.7	939.1	825.4	113.69	8.260			
9,000.0	6,900.0	9,240.2	7,220.0	63.0	62.7	-109.92	62.7	2,112.7	939.1	820.3	118.79	7.906			
9,100.0	6,900.0	9,340.2	7,220.0	65.7	65.4	-109.92	63.9	2,212.7	939.1	815.2	123.91	7.579			
9,200.0	6,900.0	9,440.2	7,220.0	68.4	68.1	-109.92	65.0	2,312.7	939.1	810.1	129.04	7.277			
9,300.0	6,900.0	9,540.2	7,220.0	71.1	70.8	-109.92	66.2	2,412.7	939.1	804.9	134.19	6.998			
9,400.0	6,900.0	9,640.2	7,220.0	73.8	73.6	-109.92	67.4	2,512.7	939.1	799.7	139.34	6.739			
9,500.0	6,900.0	9,740.2	7,220.0	76.5	76.3	-109.92	68.5	2,612.7	939.1	794.6	144.51	6.498			
9,600.0	6,900.0	9,840.2	7,220.0	79.3	79.0	-109.92	69.7	2,712.7	939.1	789.4	149.68	6.274			
9,700.0	6,900.0	9,940.2	7,220.0	82.0	81.8	-109.92	70.9	2,812.7	939.1	784.2	154.86	6.064			
9,800.0	6,900.0	10,040.2	7,220.0	84.8	84.5	-109.92	72.0	2,912.7	939.0	779.0	160.05	5.867			
9,900.0	6,900.0	10,140.2	7,220.0	87.5	87.3	-109.92	73.2	3,012.7	939.0	773.8	165.25	5.683			
10,000.0	6,900.0	10,240.2	7,220.0	90.2	90.0	-109.92	74.3	3,112.7	939.0	768.6	170.45	5.509			
10,100.0	6,900.0	10,340.2	7,220.0	93.0	92.8	-109.92	75.5	3,212.7	939.0	763.4	175.66	5.346			
10,200.0	6,900.0	10,440.2	7,220.0	95.7	95.6	-109.92	76.7	3,312.7	939.0	758.1	180.87	5.192			
10,300.0	6,900.0	10,540.2	7,220.0	98.5	98.3	-109.92	77.8	3,412.6	939.0	752.9	186.09	5.046			
10,400.0	6,900.0	10,640.2	7,220.0	101.3	101.1	-109.93	79.0	3,512.6	939.0	747.7	191.31	4.908			
10,500.0	6,900.0	10,740.2	7,220.0	104.0	103.9	-109.93	80.2	3,612.6	939.0	742.4	196.54	4.778			
10,600.0	6,900.0	10,840.2	7,220.0	106.8	106.6	-109.93	81.3	3,712.6	939.0	737.2	201.77	4.654			
10,700.0	6,900.0	10,940.2	7,220.0	109.6	109.4	-109.93	82.5	3,812.6	939.0	732.0	207.00	4.536			
10,800.0	6,900.0	11,040.2	7,220.0	112.3	112.2	-109.93	83.7	3,912.6	939.0	726.7	212.23	4.424			
10,900.0	6,900.0	11,140.2	7,220.0	115.1	115.0	-109.93	84.8	4,012.6	939.0	721.5	217.47	4.318			
11,000.0	6,900.0	11,240.2	7,220.0	117.9	117.7	-109.93	86.0	4,112.6	938.9	716.2	222.71	4.216			
11,100.0	6,900.0	11,340.2	7,220.0	120.6	120.5	-109.93	87.1	4,212.6	938.9	711.0	227.96	4.119			
11,200.0	6,900.0	11,440.2	7,220.0	123.4	123.3	-109.93	88.3	4,312.6	938.9	705.7	233.20	4.026			
11,300.0	6,900.0	11,540.2	7,220.0	126.2	126.1	-109.93	89.5	4,412.6	938.9	700.5	238.45	3.938			
11,400.0	6,900.0	11,640.2	7,220.0	129.0	128.9	-109.93	90.6	4,512.6	938.9	695.2	243.70	3.853			
11,466.9	6,900.0	11,707.0	7,220.0	130.8	130.7	-109.93	91.4	4,579.4	938.9	691.7	247.21	3.798 SF			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.01	99.8	0.0	99.8					
100.0	100.0	100.0	100.0	0.1	0.1	0.01	99.8	0.0	99.8	99.6	0.22	444.090		
200.0	200.0	200.0	200.0	0.3	0.3	0.01	99.8	0.0	99.8	99.1	0.67	148.030		
300.0	300.0	300.0	300.0	0.6	0.6	0.01	99.8	0.0	99.8	98.7	1.12	88.818		
400.0	400.0	400.0	400.0	0.8	0.8	0.01	99.8	0.0	99.8	98.2	1.57	63.441		
500.0	500.0	500.0	500.0	1.0	1.0	0.01	99.8	0.0	99.8	97.8	2.02	49.343		
600.0	600.0	600.0	600.0	1.2	1.2	0.01	99.8	0.0	99.8	97.3	2.47	40.372		
700.0	700.0	700.0	700.0	1.5	1.5	0.01	99.8	0.0	99.8	96.9	2.92	34.161		
800.0	800.0	800.0	800.0	1.7	1.7	0.01	99.8	0.0	99.8	96.4	3.37	29.606 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	166.89	99.8	0.0	101.1	97.3	3.79	26.639		
1,000.0	999.9	999.9	999.9	2.1	2.1	167.36	99.8	0.0	104.9	100.7	4.20	24.981		
1,100.0	1,099.7	1,099.7	1,099.7	2.3	2.4	168.08	99.8	0.0	111.3	106.7	4.61	24.128		
1,200.0	1,199.3	1,199.3	1,199.3	2.5	2.6	168.95	99.8	0.0	120.3	115.2	5.03	23.902		
1,300.0	1,298.6	1,298.6	1,298.6	2.7	2.8	169.90	99.8	0.0	131.8	126.4	5.45	24.168		
1,400.0	1,397.5	1,397.5	1,397.5	3.0	3.0	170.85	99.8	0.0	146.0	140.1	5.88	24.827		
1,500.0	1,496.1	1,496.1	1,496.1	3.3	3.3	171.76	99.8	0.0	162.7	156.4	6.31	25.802		
1,577.7	1,572.3	1,572.3	1,572.3	3.5	3.4	172.42	99.8	0.0	177.5	170.9	6.64	26.739		
1,600.0	1,594.2	1,594.2	1,594.2	3.6	3.5	172.61	99.8	0.0	182.0	175.3	6.74	27.014		
1,700.0	1,692.1	1,692.1	1,692.1	4.0	3.7	173.35	99.8	0.0	202.1	194.9	7.18	28.142		
1,800.0	1,790.0	1,790.0	1,790.0	4.3	3.9	173.95	99.8	0.0	222.2	214.6	7.63	29.124		
1,900.0	1,888.0	1,888.0	1,888.0	4.7	4.1	174.46	99.8	0.0	242.3	234.2	8.08	29.984		
2,000.0	1,985.9	1,985.9	1,985.9	5.1	4.4	174.88	99.8	0.0	262.4	253.9	8.54	30.741		
2,100.0	2,083.8	2,083.8	2,083.8	5.5	4.6	175.25	99.8	0.0	282.6	273.6	9.00	31.414		
2,200.0	2,181.8	2,181.8	2,181.8	6.0	4.8	175.57	99.8	0.0	302.7	293.3	9.46	32.014		
2,300.0	2,279.7	2,279.7	2,279.7	6.4	5.0	175.84	99.8	0.0	322.9	313.0	9.92	32.551		
2,400.0	2,377.7	2,377.7	2,377.7	6.8	5.2	176.09	99.8	0.0	343.1	332.7	10.38	33.036		
2,500.0	2,475.6	2,479.7	2,479.7	7.2	5.4	176.20	99.5	-0.8	362.8	352.0	10.85	33.455		
2,600.0	2,573.5	2,583.4	2,583.4	7.7	5.6	175.95	98.1	-4.0	381.2	369.9	11.29	33.752		
2,700.0	2,671.5	2,687.6	2,687.3	8.1	5.8	175.38	95.6	-9.9	398.1	386.4	11.75	33.885		
2,800.0	2,769.4	2,792.0	2,791.3	8.5	6.1	174.52	91.9	-18.5	413.7	401.5	12.22	33.858		
2,900.0	2,867.3	2,891.9	2,890.6	9.0	6.3	173.53	87.7	-28.3	428.4	415.7	12.69	33.752		
3,000.0	2,965.3	2,990.5	2,988.7	9.4	6.5	172.62	83.5	-38.1	443.2	430.0	13.18	33.638		
3,100.0	3,063.2	3,089.2	3,086.8	9.8	6.7	171.77	79.3	-47.9	458.1	444.4	13.67	33.517		
3,200.0	3,161.1	3,187.8	3,184.8	10.3	6.9	170.97	75.1	-57.7	473.1	458.9	14.17	33.393		
3,300.0	3,259.1	3,286.5	3,282.9	10.7	7.2	170.22	70.9	-67.5	488.2	473.5	14.68	33.264		
3,400.0	3,357.0	3,385.2	3,381.0	11.1	7.4	169.52	66.7	-77.3	503.3	488.1	15.19	33.133		
3,500.0	3,454.9	3,483.8	3,479.1	11.6	7.7	168.85	62.5	-87.1	518.6	502.8	15.71	33.002		
3,600.0	3,552.9	3,576.1	3,571.0	12.0	7.9	168.38	59.0	-95.2	534.4	518.2	16.20	32.982		
3,700.0	3,650.8	3,667.3	3,662.0	12.5	8.1	168.21	56.7	-100.5	551.5	534.8	16.67	33.081		
3,800.0	3,748.7	3,758.1	3,752.7	12.9	8.3	168.32	55.6	-103.2	570.0	552.9	17.12	33.295		
3,900.0	3,846.7	3,852.1	3,846.7	13.4	8.4	168.67	55.4	-103.6	589.6	572.1	17.56	33.580		
4,000.0	3,944.6	3,950.0	3,944.6	13.8	8.6	169.04	55.4	-103.6	609.5	591.5	18.01	33.833		
4,100.0	4,042.5	4,047.9	4,042.5	14.2	8.8	169.39	55.4	-103.6	629.4	610.9	18.48	34.059		
4,200.0	4,140.5	4,145.9	4,140.5	14.7	9.1	169.72	55.4	-103.6	649.3	630.3	18.94	34.274		
4,300.0	4,238.4	4,243.8	4,238.4	15.1	9.3	170.03	55.4	-103.6	669.2	649.8	19.41	34.478		
4,400.0	4,336.3	4,341.7	4,336.3	15.6	9.5	170.32	55.4	-103.6	689.1	669.2	19.88	34.672		
4,500.0	4,434.3	4,439.7	4,434.3	16.0	9.7	170.59	55.4	-103.6	709.1	688.7	20.34	34.856		
4,600.0	4,532.2	4,537.6	4,532.2	16.5	9.9	170.85	55.4	-103.6	729.0	708.2	20.81	35.032		
4,700.0	4,630.1	4,635.5	4,630.1	16.9	10.1	171.10	55.4	-103.6	749.0	727.7	21.28	35.200		
4,800.0	4,728.1	4,733.5	4,728.1	17.4	10.3	171.33	55.4	-103.6	769.0	747.3	21.75	35.360		
4,900.0	4,826.0	4,831.4	4,826.0	17.8	10.5	171.55	55.4	-103.6	789.0	766.8	22.22	35.512		
5,000.0	4,923.9	4,929.3	4,923.9	18.2	10.8	171.76	55.4	-103.6	809.0	786.3	22.69	35.659		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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	5,021.9	5,027.3	5,021.9	18.7	11.0	171.96	55.4	-103.6	829.0	805.9	23.16	35.798		
5,200.9	5,120.7	5,126.1	5,120.7	19.1	11.2	172.16	55.4	-103.6	849.3	825.6	23.63	35.933		
5,300.0	5,218.1	5,223.5	5,218.1	19.5	11.4	172.37	55.4	-103.6	867.5	843.3	24.15	35.922		
5,400.0	5,316.9	5,322.3	5,316.9	19.8	11.6	172.54	55.4	-103.6	882.4	857.8	24.62	35.849		
5,500.0	5,416.2	5,421.6	5,416.2	20.0	11.8	172.67	55.4	-103.6	894.0	868.9	25.05	35.691		
5,600.0	5,515.9	5,521.3	5,515.9	20.2	12.1	172.75	55.4	-103.6	902.1	876.6	25.44	35.453		
5,700.0	5,615.8	5,621.2	5,615.8	20.3	12.3	172.80	55.4	-103.6	906.7	880.9	25.80	35.140		
5,784.2	5,700.0	5,705.4	5,700.0	20.4	12.5	6.09	55.4	-103.6	907.9	875.3	32.68	27.780		
5,800.0	5,715.8	5,721.2	5,715.8	20.5	12.5	6.09	55.4	-103.6	907.9	875.2	32.74	27.734		
5,900.0	5,815.8	5,821.2	5,815.8	20.6	12.7	6.09	55.4	-103.6	907.9	874.9	33.07	27.458		
6,000.0	5,915.8	5,921.2	5,915.8	20.7	12.9	6.09	55.4	-103.6	907.9	874.6	33.40	27.186		
6,100.0	6,015.8	6,021.2	6,015.8	20.8	13.2	6.09	55.4	-103.6	907.9	874.2	33.73	26.917		
6,200.0	6,115.8	6,121.2	6,115.8	20.9	13.4	6.09	55.4	-103.6	907.9	873.9	34.07	26.652		
6,268.0	6,183.8	6,189.2	6,183.8	21.0	13.5	6.09	55.4	-103.6	907.9	873.7	34.30	26.474		
6,300.0	6,215.8	6,217.0	6,211.6	21.0	13.6	-83.24	55.4	-103.1	907.9	879.9	28.07	32.343		
6,350.0	6,265.6	6,260.5	6,255.0	21.1	13.7	-83.27	55.5	-100.1	907.9	879.7	28.21	32.179		
6,400.0	6,315.0	6,304.1	6,298.2	21.1	13.7	-83.33	55.5	-94.4	907.8	879.4	28.34	32.028		
6,450.0	6,363.8	6,350.0	6,343.3	21.1	13.8	-83.43	55.6	-85.6	907.6	879.1	28.47	31.883		
6,500.0	6,411.7	6,391.3	6,383.2	21.2	13.9	-83.54	55.8	-75.3	907.4	878.8	28.58	31.752		
6,550.0	6,458.5	6,435.1	6,424.9	21.2	14.0	-83.69	55.9	-61.8	907.1	878.4	28.69	31.614		
6,600.0	6,504.0	6,479.0	6,465.7	21.2	14.0	-83.86	56.1	-45.8	906.9	878.0	28.82	31.466		
6,650.0	6,547.9	6,523.0	6,505.6	21.2	14.1	-84.06	56.3	-27.2	906.5	877.6	28.97	31.297		
6,700.0	6,590.1	6,567.1	6,544.4	21.2	14.2	-84.29	56.6	-6.2	906.2	877.0	29.14	31.096		
6,750.0	6,630.2	6,611.5	6,582.1	21.2	14.3	-84.54	56.9	17.3	905.8	876.4	29.36	30.848		
6,800.0	6,668.2	6,656.1	6,618.3	21.3	14.5	-84.82	57.2	43.2	905.4	875.7	29.65	30.539		
6,850.0	6,703.8	6,700.0	6,652.4	21.3	14.7	-85.11	57.5	71.0	905.0	875.0	30.01	30.160		
6,900.0	6,736.9	6,745.9	6,686.1	21.3	14.9	-85.44	57.9	102.0	904.6	874.1	30.48	29.681		
6,950.0	6,767.3	6,791.1	6,717.3	21.4	15.2	-85.78	58.3	134.8	904.2	873.1	31.06	29.110		
7,000.0	6,794.8	6,836.7	6,746.7	21.4	15.5	-86.14	58.7	169.7	903.8	872.0	31.78	28.441		
7,050.0	6,819.4	6,882.6	6,773.9	21.5	15.9	-86.52	59.1	206.7	903.4	870.7	32.64	27.679		
7,100.0	6,840.9	6,928.9	6,798.8	21.6	16.4	-86.92	59.6	245.6	903.0	869.4	33.65	26.834		
7,150.0	6,859.2	6,975.5	6,821.4	21.8	16.9	-87.33	60.1	286.3	902.7	867.9	34.83	25.920		
7,200.0	6,874.1	7,022.4	6,841.4	22.1	17.5	-87.76	60.6	328.8	902.4	866.3	36.16	24.958		
7,250.0	6,885.8	7,069.8	6,858.7	22.4	18.2	-88.20	61.1	372.9	902.2	864.5	37.64	23.968		
7,300.0	6,894.0	7,117.6	6,873.2	22.9	19.0	-88.65	61.7	418.5	902.0	862.7	39.27	22.971		
7,350.0	6,898.7	7,165.9	6,884.7	23.5	19.8	-89.10	62.2	465.3	901.9	860.8	41.02	21.984		
7,393.0	6,900.0	7,207.8	6,892.1	24.1	20.6	-89.50	62.7	506.5	901.8	859.2	42.62	21.157		
7,400.0	6,900.0	7,214.6	6,893.1	24.2	20.7	-89.56	62.8	513.3	901.8	858.9	42.89	21.024		
7,440.0	6,900.0	7,254.1	6,897.5	24.9	21.4	-89.84	63.3	552.5	901.8	857.3	44.48	20.275		
7,500.0	6,900.0	7,314.0	6,900.0	25.9	22.6	-90.00	64.0	612.3	901.8	854.9	46.91	19.226		
7,600.0	6,900.0	7,414.0	6,900.0	27.9	24.8	-90.00	65.2	712.3	901.8	850.6	51.21	17.611		
7,700.0	6,900.0	7,514.0	6,900.0	30.0	27.0	-90.00	66.4	812.3	901.8	846.1	55.74	16.181		
7,800.0	6,900.0	7,614.0	6,900.0	32.3	29.4	-90.00	67.6	912.3	901.9	841.4	60.45	14.920		
7,900.0	6,900.0	7,714.0	6,900.0	34.6	31.8	-90.00	68.8	1,012.3	901.9	836.6	65.30	13.812		
8,000.0	6,900.0	7,814.0	6,900.0	37.0	34.2	-90.00	70.0	1,112.3	901.9	831.6	70.27	12.836		
8,100.0	6,900.0	7,914.0	6,900.0	39.5	36.8	-90.00	71.2	1,212.3	901.9	826.6	75.32	11.974		
8,200.0	6,900.0	8,014.0	6,900.0	42.0	39.3	-90.00	72.4	1,312.3	902.0	821.5	80.45	11.211		
8,300.0	6,900.0	8,114.0	6,900.0	44.5	41.9	-90.00	73.6	1,412.3	902.0	816.3	85.64	10.532		
8,400.0	6,900.0	8,214.0	6,900.0	47.1	44.5	-90.00	74.8	1,512.3	902.0	811.1	90.88	9.925		
8,500.0	6,900.0	8,314.0	6,900.0	49.7	47.2	-90.00	75.9	1,612.3	902.0	805.9	96.16	9.380		
8,600.0	6,900.0	8,414.0	6,900.0	52.4	49.8	-90.00	77.1	1,712.2	902.0	800.6	101.48	8.889		
8,700.0	6,900.0	8,514.0	6,900.0	55.0	52.5	-90.00	78.3	1,812.2	902.1	795.2	106.83	8.444		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
8,800.0	6,900.0	8,614.0	6,900.0	57.7	55.2	-90.00	79.5	1,912.2	902.1	789.9	112.20	8.040			
8,900.0	6,900.0	8,714.0	6,900.0	60.3	57.9	-90.00	80.7	2,012.2	902.1	784.5	117.60	7.671			
9,000.0	6,900.0	8,814.0	6,900.0	63.0	60.6	-90.00	81.9	2,112.2	902.1	779.1	123.01	7.334			
9,100.0	6,900.0	8,914.0	6,900.0	65.7	63.3	-90.00	83.1	2,212.2	902.2	773.7	128.44	7.024			
9,200.0	6,900.0	9,014.0	6,900.0	68.4	66.0	-90.00	84.3	2,312.2	902.2	768.3	133.89	6.738			
9,300.0	6,900.0	9,114.0	6,900.0	71.1	68.8	-90.00	85.5	2,412.2	902.2	762.9	139.35	6.475			
9,400.0	6,900.0	9,214.0	6,900.0	73.8	71.5	-90.00	86.7	2,512.2	902.2	757.4	144.82	6.230			
9,500.0	6,900.0	9,314.0	6,900.0	76.5	74.2	-90.00	87.9	2,612.2	902.3	752.0	150.30	6.003			
9,600.0	6,900.0	9,414.0	6,900.0	79.3	77.0	-90.00	89.1	2,712.2	902.3	746.5	155.79	5.792			
9,700.0	6,900.0	9,514.0	6,900.0	82.0	79.7	-90.00	90.3	2,812.2	902.3	741.0	161.29	5.594			
9,800.0	6,900.0	9,614.0	6,900.0	84.8	82.5	-90.00	91.5	2,912.2	902.3	735.5	166.79	5.410			
9,900.0	6,900.0	9,714.0	6,900.0	87.5	85.2	-90.00	92.7	3,012.2	902.4	730.1	172.30	5.237			
10,000.0	6,900.0	9,814.0	6,900.0	90.2	88.0	-90.00	93.9	3,112.1	902.4	724.6	177.82	5.075			
10,100.0	6,900.0	9,914.0	6,900.0	93.0	90.8	-90.00	95.1	3,212.1	902.4	719.1	183.35	4.922			
10,200.0	6,900.0	10,014.0	6,900.0	95.7	93.5	-90.00	96.3	3,312.1	902.4	713.5	188.88	4.778			
10,300.0	6,900.0	10,114.0	6,900.0	98.5	96.3	-90.00	97.5	3,412.1	902.4	708.0	194.41	4.642			
10,400.0	6,900.0	10,214.0	6,900.0	101.3	99.1	-90.00	98.7	3,512.1	902.5	702.5	199.95	4.514			
10,500.0	6,900.0	10,314.0	6,900.0	104.0	101.8	-90.00	99.9	3,612.1	902.5	697.0	205.49	4.392			
10,600.0	6,900.0	10,414.0	6,900.0	106.8	104.6	-90.00	101.1	3,712.1	902.5	691.5	211.04	4.277			
10,700.0	6,900.0	10,514.0	6,900.0	109.6	107.4	-90.00	102.3	3,812.1	902.5	686.0	216.58	4.167			
10,800.0	6,900.0	10,614.0	6,900.0	112.3	110.2	-90.00	103.5	3,912.1	902.6	680.4	222.14	4.063			
10,900.0	6,900.0	10,714.0	6,900.0	115.1	112.9	-90.00	104.7	4,012.1	902.6	674.9	227.69	3.964			
11,000.0	6,900.0	10,814.0	6,900.0	117.9	115.7	-90.00	105.9	4,112.1	902.6	669.4	233.25	3.870			
11,100.0	6,900.0	10,914.0	6,900.0	120.6	118.5	-90.00	107.1	4,212.1	902.6	663.8	238.81	3.780			
11,200.0	6,900.0	11,014.0	6,900.0	123.4	121.3	-90.00	108.3	4,312.1	902.7	658.3	244.37	3.694			
11,300.0	6,900.0	11,114.0	6,900.0	126.2	124.1	-90.00	109.4	4,412.1	902.7	652.7	249.93	3.612			
11,400.0	6,900.0	11,214.0	6,900.0	129.0	126.7	-90.00	110.6	4,512.0	902.7	647.3	255.36	3.535			
11,466.9	6,900.0	11,280.8	6,900.0	130.8	127.9	-90.00	111.4	4,578.9	902.7	644.3	258.43	3.493 SF			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	60.1	0.0	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	60.1	0.0	60.1	59.9	0.22	267.401		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	60.1	0.0	60.1	59.4	0.67	89.134		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	60.1	0.0	60.1	59.0	1.12	53.480		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	60.1	0.0	60.1	58.5	1.57	38.200		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	60.1	0.0	60.1	58.1	2.02	29.711		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	60.1	0.0	60.1	57.6	2.47	24.309		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	60.1	0.0	60.1	57.2	2.92	20.569		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	60.1	0.0	60.1	56.7	3.37	17.827 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	167.00	60.1	0.0	61.4	57.6	3.79	16.174		
1,000.0	999.9	999.9	999.9	2.1	2.1	167.76	60.1	0.0	65.2	61.0	4.20	15.526		
1,100.0	1,099.7	1,099.7	1,099.7	2.3	2.4	168.85	60.1	0.0	71.6	67.0	4.61	15.524		
1,200.0	1,199.3	1,199.3	1,199.3	2.5	2.6	170.09	60.1	0.0	80.6	75.6	5.03	16.020		
1,300.0	1,298.6	1,298.6	1,298.6	2.7	2.8	171.32	60.1	0.0	92.2	86.8	5.45	16.906		
1,400.0	1,397.5	1,397.5	1,397.5	3.0	3.0	172.45	60.1	0.0	106.4	100.5	5.88	18.102		
1,500.0	1,496.1	1,498.9	1,498.9	3.3	3.2	173.22	59.0	-0.7	122.1	115.8	6.28	19.434		
1,577.7	1,572.3	1,578.0	1,577.9	3.5	3.4	173.41	56.6	-2.3	134.5	127.9	6.58	20.429		
1,600.0	1,594.2	1,600.8	1,600.7	3.6	3.4	173.42	55.7	-2.9	138.0	131.3	6.67	20.683		
1,700.0	1,692.1	1,703.2	1,702.9	4.0	3.6	173.18	50.1	-6.6	152.3	145.2	7.08	21.495		
1,800.0	1,790.0	1,806.3	1,805.5	4.3	3.8	172.53	42.1	-11.9	164.2	156.7	7.51	21.851		
1,900.0	1,888.0	1,906.8	1,905.4	4.7	4.0	171.68	32.6	-18.1	174.4	166.4	7.96	21.915		
2,000.0	1,985.9	2,006.3	2,004.2	5.1	4.3	170.91	23.2	-24.3	184.5	176.1	8.41	21.934		
2,100.0	2,083.8	2,105.8	2,103.1	5.5	4.5	170.23	13.7	-30.5	194.6	185.8	8.88	21.928		
2,200.0	2,181.8	2,205.2	2,201.9	6.0	4.7	169.61	4.3	-36.7	204.8	195.4	9.35	21.905		
2,300.0	2,279.7	2,304.7	2,300.7	6.4	5.0	169.05	-5.1	-43.0	215.0	205.2	9.83	21.867		
2,400.0	2,377.7	2,404.1	2,399.5	6.8	5.3	168.54	-14.6	-49.2	225.2	214.9	10.32	21.820		
2,500.0	2,475.6	2,503.6	2,498.3	7.2	5.5	168.07	-24.0	-55.4	235.4	224.6	10.82	21.765		
2,600.0	2,573.5	2,603.0	2,597.1	7.7	5.8	167.65	-33.5	-61.6	245.7	234.4	11.32	21.705		
2,700.0	2,671.5	2,702.5	2,695.9	8.1	6.1	167.26	-42.9	-67.8	255.9	244.1	11.83	21.641		
2,800.0	2,769.4	2,802.0	2,794.8	8.5	6.3	166.89	-52.3	-74.0	266.2	253.9	12.34	21.576		
2,900.0	2,867.3	2,901.4	2,893.6	9.0	6.6	166.56	-61.8	-80.3	276.5	263.6	12.85	21.509		
3,000.0	2,965.3	3,000.9	2,992.4	9.4	6.9	166.25	-71.2	-86.5	286.8	273.4	13.37	21.442		
3,100.0	3,063.2	3,100.3	3,091.2	9.8	7.2	165.96	-80.7	-92.7	297.1	283.2	13.90	21.376		
3,200.0	3,161.1	3,199.8	3,190.0	10.3	7.5	165.69	-90.1	-98.9	307.4	292.9	14.42	21.310		
3,300.0	3,259.1	3,299.3	3,288.8	10.7	7.8	165.44	-99.5	-105.1	317.7	302.7	14.95	21.245		
3,400.0	3,357.0	3,398.7	3,387.6	11.1	8.1	165.20	-109.0	-111.3	328.0	312.5	15.48	21.182		
3,500.0	3,454.9	3,498.2	3,486.5	11.6	8.4	164.98	-118.4	-117.6	338.3	322.3	16.02	21.120		
3,600.0	3,552.9	3,597.6	3,585.3	12.0	8.7	164.77	-127.9	-123.8	348.6	332.1	16.55	21.059		
3,700.0	3,650.8	3,697.1	3,684.1	12.5	9.0	164.57	-137.3	-130.0	358.9	341.8	17.09	21.000		
3,800.0	3,748.7	3,796.5	3,782.9	12.9	9.3	164.39	-146.7	-136.2	369.3	351.6	17.63	20.943		
3,900.0	3,846.7	3,896.0	3,881.7	13.4	9.6	164.21	-156.2	-142.4	379.6	361.4	18.17	20.887		
4,000.0	3,944.6	3,995.5	3,980.5	13.8	9.9	164.04	-165.6	-148.6	389.9	371.2	18.72	20.833		
4,100.0	4,042.5	4,094.9	4,079.3	14.2	10.2	163.89	-175.0	-154.9	400.3	381.0	19.26	20.781		
4,200.0	4,140.5	4,194.4	4,178.2	14.7	10.5	163.74	-184.5	-161.1	410.6	390.8	19.81	20.731		
4,300.0	4,238.4	4,293.8	4,277.0	15.1	10.8	163.59	-193.9	-167.3	421.0	400.6	20.35	20.682		
4,400.0	4,336.3	4,393.3	4,375.8	15.6	11.1	163.46	-203.4	-173.5	431.3	410.4	20.90	20.634		
4,500.0	4,434.3	4,492.7	4,474.6	16.0	11.4	163.33	-212.8	-179.7	441.7	420.2	21.45	20.588		
4,600.0	4,532.2	4,592.2	4,573.4	16.5	11.7	163.20	-222.2	-185.9	452.0	430.0	22.00	20.544		
4,700.0	4,630.1	4,691.7	4,672.2	16.9	12.0	163.09	-231.7	-192.2	462.4	439.8	22.55	20.501		
4,800.0	4,728.1	4,779.8	4,759.9	17.4	12.2	163.08	-239.0	-197.0	473.9	450.9	23.03	20.580		
4,900.0	4,826.0	4,867.0	4,846.9	17.8	12.4	163.26	-244.0	-200.2	487.8	464.4	23.47	20.788		
5,000.0	4,923.9	4,953.6	4,933.4	18.2	12.5	163.62	-246.8	-202.1	504.2	480.3	23.88	21.115		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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	5,021.9	5,042.0	5,021.9	18.7	12.7	164.13	-247.4	-202.5	523.0	498.7	24.27	21.543		
5,200.9	5,120.7	5,140.9	5,120.7	19.1	12.9	164.72	-247.4	-202.5	542.7	518.0	24.68	21.987		
5,300.0	5,218.1	5,238.2	5,218.1	19.5	13.0	165.31	-247.4	-202.5	560.4	535.3	25.10	22.328		
5,400.0	5,316.9	5,337.1	5,316.9	19.8	13.2	165.76	-247.4	-202.5	575.0	549.5	25.48	22.569		
5,500.0	5,416.2	5,436.4	5,416.2	20.0	13.3	166.09	-247.4	-202.5	586.3	560.5	25.84	22.695		
5,600.0	5,515.9	5,536.1	5,515.9	20.2	13.5	166.32	-247.4	-202.5	594.3	568.1	26.17	22.711		
5,700.0	5,615.8	5,636.0	5,615.8	20.3	13.7	166.45	-247.4	-202.5	598.8	572.3	26.47	22.624		
5,784.2	5,700.0	5,720.2	5,700.0	20.4	13.8	-0.24	-247.4	-202.5	600.0	566.5	33.53	17.897		
5,800.0	5,715.8	5,735.9	5,715.8	20.5	13.9	-0.24	-247.4	-202.5	600.0	566.4	33.57	17.871		
5,900.0	5,815.8	5,835.9	5,815.8	20.6	14.0	-0.24	-247.4	-202.5	600.0	566.1	33.86	17.719		
6,000.0	5,915.8	5,935.9	5,915.8	20.7	14.2	-0.24	-247.4	-202.5	600.0	565.9	34.16	17.567		
6,100.0	6,015.8	6,035.9	6,015.8	20.8	14.4	-0.24	-247.4	-202.5	600.0	565.6	34.45	17.416		
6,200.0	6,115.8	6,135.9	6,115.8	20.9	14.6	-0.24	-247.4	-202.5	600.0	565.3	34.75	17.266		
6,268.0	6,183.8	6,204.0	6,183.8	21.0	14.7	-0.24	-247.4	-202.5	600.0	565.1	34.96	17.165		
6,300.0	6,215.8	6,235.7	6,215.6	21.0	14.8	-89.57	-247.4	-201.8	600.0	571.4	28.56	21.006		
6,350.0	6,265.6	6,285.4	6,265.1	21.1	14.8	-89.57	-247.3	-197.9	600.0	571.3	28.71	20.899		
6,400.0	6,315.0	6,335.1	6,314.2	21.1	14.9	-89.57	-247.3	-190.5	600.0	571.2	28.83	20.812		
6,450.0	6,363.8	6,384.8	6,362.7	21.1	14.9	-89.58	-247.1	-179.8	600.0	571.1	28.93	20.743		
6,500.0	6,411.7	6,434.5	6,410.4	21.2	15.0	-89.59	-247.0	-165.7	600.0	571.0	29.01	20.686		
6,550.0	6,458.5	6,484.2	6,456.9	21.2	15.0	-89.60	-246.8	-148.4	600.0	570.9	29.08	20.635		
6,600.0	6,504.0	6,533.9	6,502.2	21.2	15.0	-89.61	-246.5	-127.8	600.0	570.9	29.15	20.582		
6,650.0	6,547.9	6,583.6	6,545.9	21.2	15.1	-89.63	-246.2	-104.2	600.0	570.8	29.24	20.518		
6,700.0	6,590.1	6,633.4	6,587.9	21.2	15.1	-89.64	-245.9	-77.6	600.0	570.6	29.37	20.430		
6,750.0	6,630.2	6,683.1	6,628.0	21.2	15.1	-89.66	-245.6	-48.1	600.0	570.5	29.55	20.305		
6,800.0	6,668.2	6,732.9	6,665.9	21.3	15.1	-89.68	-245.2	-15.9	600.0	570.2	29.80	20.131		
6,850.0	6,703.8	6,782.7	6,701.6	21.3	15.1	-89.70	-244.8	18.8	600.0	569.8	30.16	19.895		
6,900.0	6,736.9	6,832.5	6,734.7	21.3	15.2	-89.72	-244.4	56.0	600.0	569.4	30.63	19.587		
6,950.0	6,767.3	6,882.3	6,765.1	21.4	15.2	-89.75	-243.9	95.4	600.0	568.7	31.25	19.201		
7,000.0	6,794.8	6,932.1	6,792.8	21.4	15.6	-89.77	-243.4	136.8	600.0	568.0	32.02	18.739		
7,050.0	6,819.4	6,981.9	6,817.6	21.5	16.1	-89.80	-242.9	180.1	600.0	567.0	32.96	18.205		
7,100.0	6,840.9	7,031.8	6,839.2	21.6	16.7	-89.83	-242.4	224.9	600.0	565.9	34.07	17.610		
7,150.0	6,859.2	7,081.7	6,857.7	21.8	17.4	-89.85	-241.8	271.3	600.0	564.6	35.36	16.970		
7,200.0	6,874.1	7,131.6	6,873.0	22.1	18.2	-89.88	-241.3	318.8	600.0	563.2	36.80	16.302		
7,250.0	6,885.8	7,181.5	6,884.9	22.4	19.0	-89.91	-240.7	367.2	600.0	561.6	38.41	15.623		
7,300.0	6,894.0	7,231.4	6,893.4	22.9	19.9	-89.94	-240.1	416.4	600.0	559.9	40.14	14.947		
7,350.0	6,898.7	7,281.4	6,898.4	23.5	20.8	-89.97	-239.6	466.1	600.0	558.0	41.99	14.290		
7,381.7	6,899.9	7,313.1	6,899.8	24.0	21.4	-89.99	-239.2	497.8	600.0	556.8	43.21	13.887		
7,393.0	6,900.0	7,324.4	6,900.0	24.1	21.7	-90.00	-239.0	509.1	600.0	556.3	43.65	13.746		
7,400.0	6,900.0	7,331.4	6,900.0	24.2	21.8	-90.00	-239.0	516.1	600.0	556.1	43.92	13.660		
7,500.0	6,900.0	7,431.4	6,900.0	25.9	23.9	-90.00	-237.8	616.1	600.0	551.9	48.06	12.485		
7,600.0	6,900.0	7,531.4	6,900.0	27.9	26.1	-90.00	-236.6	716.1	600.0	547.5	52.45	11.440		
7,700.0	6,900.0	7,631.4	6,900.0	30.0	28.4	-90.00	-235.4	816.1	600.0	542.9	57.06	10.516		
7,800.0	6,900.0	7,731.4	6,900.0	32.3	30.8	-90.00	-234.3	916.1	600.0	538.2	61.83	9.704		
7,900.0	6,900.0	7,831.4	6,900.0	34.6	33.3	-90.00	-233.1	1,016.0	600.0	533.3	66.73	8.991		
8,000.0	6,900.0	7,931.4	6,900.0	37.0	35.8	-90.00	-231.9	1,116.0	600.0	528.2	71.74	8.363		
8,100.0	6,900.0	8,031.4	6,900.0	39.5	38.4	-90.00	-230.8	1,216.0	600.0	523.2	76.83	7.809		
8,200.0	6,900.0	8,131.4	6,900.0	42.0	41.0	-90.00	-229.6	1,316.0	600.0	518.0	81.99	7.318		
8,300.0	6,900.0	8,231.4	6,900.0	44.5	43.6	-90.00	-228.4	1,416.0	600.0	512.8	87.21	6.880		
8,400.0	6,900.0	8,331.4	6,900.0	47.1	46.2	-90.00	-227.2	1,516.0	600.0	507.5	92.47	6.489		
8,500.0	6,900.0	8,431.4	6,900.0	49.7	48.9	-90.00	-226.1	1,616.0	600.0	502.2	97.77	6.137		
8,600.0	6,900.0	8,531.4	6,900.0	52.4	51.5	-90.00	-224.9	1,716.0	600.0	496.9	103.10	5.820		
8,700.0	6,900.0	8,631.4	6,900.0	55.0	54.2	-90.00	-223.7	1,816.0	600.0	491.5	108.46	5.532		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
8,800.0	6,900.0	8,731.4	6,900.0	57.7	56.9	-90.00	-222.5	1,916.0	600.0	486.1	113.85	5.270			
8,900.0	6,900.0	8,831.4	6,900.0	60.3	59.6	-90.00	-221.4	2,016.0	600.0	480.7	119.25	5.031			
9,000.0	6,900.0	8,931.4	6,900.0	63.0	62.3	-90.00	-220.2	2,116.0	600.0	475.3	124.67	4.812			
9,100.0	6,900.0	9,031.4	6,900.0	65.7	65.0	-90.00	-219.0	2,216.0	600.0	469.9	130.11	4.611			
9,200.0	6,900.0	9,131.4	6,900.0	68.4	67.8	-90.00	-217.9	2,316.0	600.0	464.4	135.57	4.426			
9,300.0	6,900.0	9,231.4	6,900.0	71.1	70.5	-90.00	-216.7	2,416.0	600.0	459.0	141.03	4.254			
9,400.0	6,900.0	9,331.4	6,900.0	73.8	73.2	-90.00	-215.5	2,515.9	600.0	453.5	146.51	4.095			
9,500.0	6,900.0	9,431.4	6,900.0	76.5	76.0	-90.00	-214.3	2,615.9	600.0	448.0	152.00	3.947			
9,600.0	6,900.0	9,531.4	6,900.0	79.3	78.7	-90.00	-213.2	2,715.9	600.0	442.5	157.49	3.810			
9,700.0	6,900.0	9,631.4	6,900.0	82.0	81.5	-90.00	-212.0	2,815.9	600.0	437.0	162.99	3.681			
9,800.0	6,900.0	9,731.4	6,900.0	84.8	84.2	-90.00	-210.8	2,915.9	600.0	431.5	168.50	3.561			
9,900.0	6,900.0	9,831.4	6,900.0	87.5	87.0	-90.00	-209.6	3,015.9	600.0	426.0	174.02	3.448			
10,000.0	6,900.0	9,931.4	6,900.0	90.2	89.8	-90.00	-208.5	3,115.9	600.0	420.5	179.54	3.342			
10,100.0	6,900.0	10,031.4	6,900.0	93.0	92.5	-90.00	-207.3	3,215.9	600.0	414.9	185.07	3.242			
10,200.0	6,900.0	10,131.4	6,900.0	95.7	95.3	-90.00	-206.1	3,315.9	600.0	409.4	190.60	3.148			
10,300.0	6,900.0	10,231.4	6,900.0	98.5	98.1	-90.00	-204.9	3,415.9	600.0	403.9	196.14	3.059			
10,400.0	6,900.0	10,331.4	6,900.0	101.3	100.8	-90.00	-203.8	3,515.9	600.0	398.3	201.68	2.975			
10,500.0	6,900.0	10,431.4	6,900.0	104.0	103.6	-90.00	-202.6	3,615.9	600.0	392.8	207.22	2.895			
10,600.0	6,900.0	10,531.4	6,900.0	106.8	106.4	-90.00	-201.4	3,715.9	600.0	387.2	212.77	2.820			
10,700.0	6,900.0	10,631.4	6,900.0	109.6	109.2	-90.00	-200.3	3,815.9	600.0	381.7	218.32	2.748			
10,800.0	6,900.0	10,731.4	6,900.0	112.3	111.9	-90.00	-199.1	3,915.9	600.0	376.1	223.88	2.680			
10,900.0	6,900.0	10,831.4	6,900.0	115.1	114.7	-90.00	-197.9	4,015.8	600.0	370.6	229.43	2.615			
11,000.0	6,900.0	10,931.4	6,900.0	117.9	117.5	-90.00	-196.7	4,115.8	600.0	365.0	234.99	2.553			
11,100.0	6,900.0	11,031.4	6,900.0	120.6	120.3	-90.00	-195.6	4,215.8	600.0	359.4	240.55	2.494			
11,200.0	6,900.0	11,131.4	6,900.0	123.4	123.1	-90.00	-194.4	4,315.8	600.0	353.9	246.12	2.438			
11,300.0	6,900.0	11,231.4	6,900.0	126.2	125.8	-90.00	-193.2	4,415.8	600.0	348.3	251.68	2.384			
11,400.0	6,900.0	11,331.4	6,900.0	129.0	128.6	-90.00	-192.0	4,515.8	600.0	342.7	257.25	2.332			
11,466.9	6,900.0	11,398.3	6,900.0	130.8	130.5	-90.00	-191.3	4,582.7	600.0	339.0	260.97	2.299 SF			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-40.1	0.0	40.1	39.9	0.22	178.347		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-40.1	0.0	40.1	39.4	0.67	59.449		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-40.1	0.0	40.1	39.0	1.12	35.669		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-40.1	0.0	40.1	38.5	1.57	25.478 CC, ES		
500.0	500.0	499.0	498.9	1.0	1.0	-179.74	-41.4	-0.2	41.4	39.4	2.00	20.735		
600.0	600.0	597.8	597.7	1.2	1.2	-179.04	-45.1	-0.8	45.2	42.8	2.41	18.780		
700.0	700.0	696.3	696.0	1.5	1.4	-178.11	-51.4	-1.7	51.6	48.8	2.83	18.217		
800.0	800.0	794.5	793.8	1.7	1.6	-177.14	-60.2	-3.0	60.6	57.3	3.27	18.529		
900.0	900.0	892.3	890.9	1.9	1.9	-9.68	-71.4	-4.7	70.9	67.2	3.68	19.267		
1,000.0	999.9	989.8	987.5	2.1	2.2	-9.27	-85.0	-6.7	81.1	77.0	4.08	19.894		
1,100.0	1,099.7	1,087.1	1,083.4	2.3	2.5	-9.09	-101.0	-9.1	91.3	86.8	4.49	20.329		
1,200.0	1,199.3	1,184.2	1,178.7	2.5	2.8	-9.07	-119.4	-11.8	101.4	96.5	4.92	20.619		
1,300.0	1,298.6	1,281.0	1,273.2	2.7	3.2	-9.15	-140.1	-14.9	111.5	106.1	5.36	20.798		
1,400.0	1,397.5	1,377.5	1,366.9	3.0	3.7	-9.32	-163.1	-18.4	121.5	115.7	5.82	20.889		
1,500.0	1,496.1	1,476.5	1,462.6	3.3	4.2	-9.59	-188.3	-22.1	130.6	124.3	6.30	20.752		
1,577.7	1,572.3	1,554.1	1,537.5	3.5	4.6	-9.91	-208.0	-25.1	136.0	129.3	6.67	20.389		
1,600.0	1,594.2	1,576.3	1,559.0	3.6	4.7	-10.02	-213.7	-25.9	137.3	130.5	6.78	20.243		
1,700.0	1,692.1	1,676.1	1,655.4	4.0	5.2	-10.48	-239.1	-29.7	143.2	135.9	7.29	19.630		
1,800.0	1,790.0	1,776.0	1,751.9	4.3	5.7	-10.90	-264.5	-33.5	149.1	141.3	7.81	19.077		
1,900.0	1,888.0	1,875.8	1,848.3	4.7	6.2	-11.29	-290.0	-37.3	155.0	146.6	8.34	18.575		
2,000.0	1,985.9	1,975.6	1,944.8	5.1	6.7	-11.65	-315.4	-41.1	160.9	152.0	8.88	18.118		
2,100.0	2,083.8	2,075.4	2,041.3	5.5	7.3	-11.98	-340.8	-44.9	166.8	157.4	9.42	17.703		
2,200.0	2,181.8	2,175.2	2,137.7	6.0	7.8	-12.29	-366.2	-48.7	172.7	162.7	9.97	17.323		
2,300.0	2,279.7	2,275.1	2,234.2	6.4	8.3	-12.59	-391.6	-52.5	178.6	168.1	10.52	16.976		
2,400.0	2,377.7	2,374.9	2,330.6	6.8	8.8	-12.86	-417.1	-56.3	184.5	173.5	11.08	16.657		
2,500.0	2,475.6	2,474.7	2,427.1	7.2	9.4	-13.11	-442.5	-60.1	190.5	178.8	11.64	16.364		
2,600.0	2,573.5	2,574.5	2,523.5	7.7	9.9	-13.35	-467.9	-63.9	196.4	184.2	12.20	16.094		
2,700.0	2,671.5	2,674.3	2,620.0	8.1	10.4	-13.58	-493.3	-67.7	202.3	189.6	12.77	15.843		
2,800.0	2,769.4	2,774.2	2,716.4	8.5	11.0	-13.79	-518.7	-71.5	208.3	194.9	13.34	15.611		
2,900.0	2,867.3	2,874.0	2,812.9	9.0	11.5	-13.99	-544.2	-75.3	214.2	200.3	13.91	15.396		
3,000.0	2,965.3	2,973.8	2,909.4	9.4	12.0	-14.18	-569.6	-79.1	220.2	205.7	14.49	15.195		
3,100.0	3,063.2	3,073.6	3,005.8	9.8	12.6	-14.37	-595.0	-82.9	226.1	211.1	15.07	15.008		
3,200.0	3,161.1	3,173.4	3,102.3	10.3	13.1	-14.54	-620.4	-86.7	232.1	216.4	15.65	14.833		
3,300.0	3,259.1	3,273.3	3,198.7	10.7	13.6	-14.70	-645.8	-90.5	238.0	221.8	16.23	14.668		
3,400.0	3,357.0	3,373.1	3,295.2	11.1	14.2	-14.85	-671.3	-94.3	244.0	227.2	16.81	14.514		
3,500.0	3,454.9	3,472.9	3,391.6	11.6	14.7	-15.00	-696.7	-98.1	249.9	232.5	17.39	14.369		
3,600.0	3,552.9	3,572.7	3,488.1	12.0	15.3	-15.14	-722.1	-101.9	255.9	237.9	17.98	14.233		
3,700.0	3,650.8	3,672.5	3,584.5	12.5	15.8	-15.28	-747.5	-105.7	261.8	243.3	18.57	14.104		
3,800.0	3,748.7	3,772.4	3,681.0	12.9	16.3	-15.40	-772.9	-109.5	267.8	248.7	19.15	13.982		
3,900.0	3,846.7	3,872.2	3,777.4	13.4	16.9	-15.53	-798.4	-113.3	273.8	254.0	19.74	13.867		
4,000.0	3,944.6	3,972.0	3,873.9	13.8	17.4	-15.64	-823.8	-117.1	279.7	259.4	20.33	13.758		
4,100.0	4,042.5	4,071.8	3,970.4	14.2	17.9	-15.76	-849.2	-120.9	285.7	264.8	20.92	13.654		
4,200.0	4,140.5	4,171.6	4,066.8	14.7	18.5	-15.86	-874.6	-124.7	291.7	270.1	21.51	13.556		
4,300.0	4,238.4	4,271.5	4,163.3	15.1	19.0	-15.97	-900.0	-128.5	297.6	275.5	22.11	13.462		
4,400.0	4,336.3	4,371.3	4,259.7	15.6	19.6	-16.07	-925.5	-132.3	303.6	280.9	22.70	13.373		
4,500.0	4,434.3	4,471.1	4,356.2	16.0	20.1	-16.16	-950.9	-136.0	309.6	286.3	23.30	13.288		
4,600.0	4,532.2	4,570.9	4,452.6	16.5	20.6	-16.25	-976.3	-139.8	315.5	291.6	23.89	13.207		
4,700.0	4,630.1	4,670.7	4,549.1	16.9	21.2	-16.34	-1,001.7	-143.6	321.5	297.0	24.49	13.129		
4,800.0	4,728.1	4,770.6	4,645.5	17.4	21.7	-16.43	-1,027.1	-147.4	327.5	302.4	25.08	13.055		
4,900.0	4,826.0	4,870.4	4,742.0	17.8	22.2	-16.51	-1,052.6	-151.2	333.4	307.7	25.68	12.984		
5,000.0	4,923.9	4,970.2	4,838.5	18.2	22.8	-16.59	-1,078.0	-155.0	339.4	313.1	26.28	12.916		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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	5,021.9	5,070.0	4,934.9	18.7	23.3	-16.67	-1,103.4	-158.8	345.4	318.5	26.87	12.851		
5,200.9	5,120.7	5,170.8	5,032.3	19.1	23.9	-16.74	-1,129.1	-162.7	351.4	323.9	27.48	12.788		
5,300.0	5,218.1	5,269.6	5,127.7	19.5	24.4	-16.78	-1,154.2	-166.4	358.9	330.9	28.02	12.811		
5,400.0	5,316.9	5,368.9	5,223.7	19.8	24.9	-16.68	-1,179.5	-170.2	369.9	341.4	28.47	12.991		
5,500.0	5,416.2	5,467.9	5,319.4	20.0	25.5	-16.45	-1,204.7	-174.0	384.1	355.3	28.86	13.311		
5,600.0	5,515.9	5,566.3	5,414.4	20.2	26.0	-16.13	-1,229.8	-177.7	401.7	372.5	29.18	13.766		
5,700.0	5,615.8	5,664.0	5,508.9	20.3	26.5	-15.73	-1,254.7	-181.4	422.6	393.2	29.44	14.355		
5,784.2	5,700.0	5,750.4	5,592.4	20.4	27.0	177.96	-1,276.5	-184.7	442.6	395.9	46.77	9.465		
5,800.0	5,715.8	5,768.5	5,609.9	20.5	27.0	178.06	-1,280.9	-185.3	446.4	399.6	46.88	9.523		
5,900.0	5,815.8	5,884.2	5,722.8	20.6	27.5	178.64	-1,306.2	-189.1	468.2	420.8	47.45	9.867		
6,000.0	5,915.8	6,001.9	5,838.5	20.7	27.8	179.08	-1,327.3	-192.3	486.1	438.2	47.95	10.138		
6,100.0	6,015.8	6,121.2	5,956.6	20.8	28.1	179.39	-1,343.9	-194.7	500.0	451.6	48.38	10.335		
6,200.0	6,115.8	6,241.7	6,076.5	20.9	28.3	179.61	-1,355.6	-196.5	509.8	461.0	48.75	10.458		
6,268.0	6,183.8	6,324.1	6,158.8	21.0	28.5	179.70	-1,360.8	-197.3	514.1	465.1	48.96	10.499		
6,300.0	6,215.8	6,362.9	6,197.5	21.0	28.5	90.39	-1,362.5	-197.5	515.4	484.0	31.42	16.403		
6,350.0	6,265.6	6,423.5	6,258.1	21.1	28.6	90.84	-1,364.0	-197.8	516.7	485.2	31.52	16.395		
6,400.0	6,315.0	6,480.5	6,315.0	21.1	28.6	91.74	-1,364.3	-197.8	517.1	485.6	31.53	16.403		
6,450.0	6,363.8	6,529.2	6,363.8	21.1	28.7	92.88	-1,364.3	-197.8	517.6	486.1	31.48	16.442		
6,500.0	6,411.7	6,577.2	6,411.7	21.2	28.7	94.31	-1,364.3	-197.8	518.5	487.1	31.39	16.517		
6,550.0	6,458.5	6,624.0	6,458.5	21.2	28.8	95.98	-1,364.3	-197.8	520.2	488.9	31.29	16.625		
6,600.0	6,504.0	6,669.5	6,504.0	21.2	28.8	97.83	-1,364.3	-197.8	522.9	491.8	31.19	16.768		
6,650.0	6,547.9	6,720.7	6,555.2	21.2	28.8	100.00	-1,364.3	-196.0	526.8	495.7	31.08	16.947		
6,700.0	6,590.1	6,773.9	6,608.1	21.2	28.9	102.14	-1,364.2	-190.2	531.5	500.5	31.00	17.146		
6,750.0	6,630.2	6,829.3	6,662.5	21.2	28.9	104.26	-1,364.1	-180.0	537.1	506.1	30.93	17.366		
6,800.0	6,668.2	6,887.1	6,718.3	21.3	28.9	106.33	-1,363.9	-164.9	543.3	512.4	30.85	17.610		
6,850.0	6,703.8	6,947.5	6,775.1	21.3	29.0	108.36	-1,363.7	-144.4	550.1	519.3	30.77	17.876		
6,900.0	6,736.9	7,010.8	6,832.6	21.3	29.0	110.33	-1,363.3	-117.9	557.3	526.6	30.69	18.159		
6,950.0	6,767.3	7,077.2	6,890.0	21.4	29.0	112.22	-1,363.0	-84.7	564.8	534.2	30.61	18.451		
7,000.0	6,794.8	7,146.8	6,946.8	21.4	29.0	114.02	-1,362.5	-44.4	572.3	541.7	30.54	18.739		
7,050.0	6,819.4	7,219.9	7,001.8	21.5	29.0	115.70	-1,361.9	3.7	579.6	549.1	30.53	18.983		
7,100.0	6,840.9	7,296.5	7,053.9	21.6	29.1	117.24	-1,361.3	59.7	586.6	556.0	30.58	19.182		
7,150.0	6,859.2	7,376.4	7,101.6	21.8	29.1	118.60	-1,360.5	123.9	592.9	562.1	30.81	19.244		
7,200.0	6,874.1	7,459.6	7,143.2	22.1	29.2	119.76	-1,359.7	195.8	598.3	567.1	31.24	19.152		
7,250.0	6,885.8	7,545.6	7,177.3	22.4	29.4	120.68	-1,358.7	274.7	602.7	570.8	31.95	18.864		
7,300.0	6,894.0	7,633.8	7,202.1	22.9	29.7	121.33	-1,357.8	359.2	605.8	572.9	32.99	18.364		
7,350.0	6,898.7	7,723.5	7,216.5	23.5	30.1	121.69	-1,356.7	447.7	607.6	573.2	34.37	17.676		
7,393.0	6,900.0	7,798.1	7,220.0	24.1	30.6	121.76	-1,355.8	522.2	607.9	572.2	35.77	16.995		
7,400.0	6,900.0	7,805.1	7,220.0	24.2	30.6	121.76	-1,355.8	529.2	607.9	571.9	36.01	16.883		
7,500.0	6,900.0	7,905.1	7,220.0	25.9	31.5	121.76	-1,354.6	629.2	607.9	568.4	39.51	15.388		
7,600.0	6,900.0	8,005.1	7,220.0	27.9	32.8	121.76	-1,353.4	729.2	607.9	564.7	43.26	14.051		
7,700.0	6,900.0	8,105.1	7,220.0	30.0	34.3	121.76	-1,352.3	829.2	607.9	560.7	47.22	12.875		
7,800.0	6,900.0	8,205.1	7,220.0	32.3	36.0	121.76	-1,351.1	929.2	607.9	556.6	51.33	11.845		
7,900.0	6,900.0	8,305.1	7,220.0	34.6	37.9	121.76	-1,349.9	1,029.1	607.9	552.4	55.55	10.944		
8,000.0	6,900.0	8,405.1	7,220.0	37.0	40.0	121.76	-1,348.7	1,129.1	607.9	548.1	59.87	10.155		
8,100.0	6,900.0	8,505.1	7,220.0	39.5	42.2	121.76	-1,347.6	1,229.1	607.9	543.7	64.26	9.461		
8,200.0	6,900.0	8,605.1	7,220.0	42.0	44.5	121.76	-1,346.4	1,329.1	607.9	539.2	68.71	8.848		
8,300.0	6,900.0	8,705.1	7,220.0	44.5	46.9	121.76	-1,345.2	1,429.1	607.9	534.7	73.21	8.304		
8,400.0	6,900.0	8,805.1	7,220.0	47.1	49.3	121.76	-1,344.0	1,529.1	607.9	530.2	77.75	7.819		
8,500.0	6,900.0	8,905.1	7,220.0	49.7	51.7	121.76	-1,342.9	1,629.1	607.9	525.6	82.32	7.385		
8,600.0	6,900.0	9,005.1	7,220.0	52.4	54.2	121.76	-1,341.7	1,729.1	607.9	521.0	86.93	6.994		
8,700.0	6,900.0	9,105.1	7,220.0	55.0	56.8	121.76	-1,340.5	1,829.1	607.9	516.4	91.55	6.640		
8,800.0	6,900.0	9,205.1	7,220.0	57.7	59.3	121.76	-1,339.4	1,929.1	607.9	511.7	96.20	6.319		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.0	6,900.0	9,305.1	7,220.0	60.3	61.9	121.76	-1,338.2	2,029.1	607.9	507.1	100.87	6.027		
9,000.0	6,900.0	9,405.1	7,220.0	63.0	64.5	121.76	-1,337.0	2,129.1	607.9	502.4	105.55	5.760		
9,100.0	6,900.0	9,505.1	7,220.0	65.7	67.2	121.76	-1,335.8	2,229.1	607.9	497.7	110.24	5.515		
9,200.0	6,900.0	9,605.1	7,220.0	68.4	69.8	121.76	-1,334.7	2,329.1	607.9	493.0	114.95	5.289		
9,300.0	6,900.0	9,705.1	7,220.0	71.1	72.4	121.76	-1,333.5	2,429.0	607.9	488.3	119.67	5.080		
9,400.0	6,900.0	9,805.1	7,220.0	73.8	75.1	121.76	-1,332.3	2,529.0	607.9	483.6	124.39	4.887		
9,500.0	6,900.0	9,905.1	7,220.0	76.5	77.8	121.76	-1,331.2	2,629.0	607.9	478.8	129.13	4.708		
9,600.0	6,900.0	10,005.1	7,220.0	79.3	80.5	121.76	-1,330.0	2,729.0	607.9	474.1	133.87	4.541		
9,700.0	6,900.0	10,105.1	7,220.0	82.0	83.2	121.76	-1,328.8	2,829.0	607.9	469.3	138.62	4.386		
9,800.0	6,900.0	10,205.1	7,220.0	84.8	85.9	121.76	-1,327.6	2,929.0	607.9	464.6	143.37	4.240		
9,900.0	6,900.0	10,305.1	7,220.0	87.5	88.6	121.76	-1,326.5	3,029.0	608.0	459.8	148.13	4.104		
10,000.0	6,900.0	10,405.1	7,220.0	90.2	91.3	121.76	-1,325.3	3,129.0	608.0	455.1	152.90	3.976		
10,100.0	6,900.0	10,505.1	7,220.0	93.0	94.0	121.76	-1,324.1	3,229.0	608.0	450.3	157.67	3.856		
10,200.0	6,900.0	10,605.1	7,220.0	95.7	96.7	121.76	-1,323.0	3,329.0	608.0	445.5	162.44	3.743		
10,300.0	6,900.0	10,705.1	7,220.0	98.5	99.4	121.76	-1,321.8	3,429.0	608.0	440.7	167.22	3.636		
10,400.0	6,900.0	10,805.1	7,220.0	101.3	102.2	121.76	-1,320.6	3,529.0	608.0	436.0	172.00	3.535		
10,500.0	6,900.0	10,905.1	7,220.0	104.0	104.9	121.76	-1,319.4	3,629.0	608.0	431.2	176.78	3.439		
10,600.0	6,900.0	11,005.1	7,220.0	106.8	107.6	121.76	-1,318.3	3,729.0	608.0	426.4	181.57	3.348		
10,700.0	6,900.0	11,105.1	7,220.0	109.6	110.4	121.76	-1,317.1	3,829.0	608.0	421.6	186.36	3.262		
10,800.0	6,900.0	11,205.1	7,220.0	112.3	113.1	121.76	-1,315.9	3,928.9	608.0	416.8	191.15	3.181		
10,900.0	6,900.0	11,305.1	7,220.0	115.1	115.9	121.76	-1,314.8	4,028.9	608.0	412.0	195.94	3.103		
11,000.0	6,900.0	11,405.1	7,220.0	117.9	118.6	121.76	-1,313.6	4,128.9	608.0	407.2	200.74	3.029		
11,100.0	6,900.0	11,505.1	7,220.0	120.6	121.4	121.76	-1,312.4	4,228.9	608.0	402.4	205.54	2.958		
11,200.0	6,900.0	11,605.1	7,220.0	123.4	124.1	121.76	-1,311.2	4,328.9	608.0	397.6	210.34	2.890		
11,300.0	6,900.0	11,705.1	7,220.0	126.2	126.9	121.76	-1,310.1	4,428.9	608.0	392.8	215.14	2.826		
11,400.0	6,900.0	11,805.1	7,220.0	129.0	129.7	121.76	-1,308.9	4,528.9	608.0	388.0	219.94	2.764		
11,437.4	6,900.0	11,842.5	7,220.0	130.0	130.7	121.76	-1,308.5	4,566.3	608.0	386.2	221.74	2.742		
11,466.9	6,900.0	11,867.6	7,220.0	130.8	131.4	121.76	-1,308.2	4,591.5	608.0	384.9	223.05	2.726 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance			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	179.20	-20.1	0.3	20.1						
100.0	100.0	100.0	100.0	0.1	0.1	179.20	-20.1	0.3	20.1	19.8	0.22	89.228			
200.0	200.0	200.0	200.0	0.3	0.3	179.20	-20.1	0.3	20.1	19.4	0.67	29.743			
300.0	300.0	300.0	300.0	0.6	0.6	179.20	-20.1	0.3	20.1	18.9	1.12	17.846			
400.0	400.0	400.0	400.0	0.8	0.8	179.20	-20.1	0.3	20.1	18.5	1.57	12.747			
500.0	500.0	500.0	500.0	1.0	1.0	179.20	-20.1	0.3	20.1	18.0	2.02	9.914			
600.0	600.0	600.0	600.0	1.2	1.2	179.20	-20.1	0.3	20.1	17.6	2.47	8.112 CC, ES			
700.0	700.0	699.5	699.5	1.5	1.4	179.86	-21.3	0.1	21.3	18.4	2.89	7.372			
800.0	800.0	798.8	798.7	1.7	1.6	-178.58	-25.1	-0.6	25.2	21.9	3.30	7.630			
900.0	900.0	897.9	897.6	1.9	1.8	-10.53	-31.5	-1.7	30.3	26.7	3.69	8.223			
1,000.0	999.9	997.0	996.2	2.1	2.0	-9.82	-40.3	-3.3	35.5	31.4	4.07	8.727			
1,100.0	1,099.7	1,095.9	1,094.5	2.3	2.3	-9.49	-51.7	-5.3	40.7	36.2	4.46	9.111			
1,200.0	1,199.3	1,194.6	1,192.2	2.5	2.5	-9.43	-65.5	-7.8	45.8	40.9	4.87	9.403			
1,300.0	1,298.6	1,293.2	1,289.4	2.7	2.9	-9.54	-81.8	-10.7	50.9	45.7	5.29	9.623			
1,400.0	1,397.5	1,391.7	1,386.1	3.0	3.2	-9.78	-100.6	-14.0	56.1	50.3	5.73	9.783			
1,500.0	1,496.1	1,490.1	1,482.1	3.3	3.6	-10.11	-121.7	-17.7	61.2	55.0	6.18	9.893			
1,577.7	1,572.3	1,566.4	1,556.2	3.5	3.9	-10.42	-139.8	-20.9	65.1	58.6	6.55	9.949			
1,600.0	1,594.2	1,588.4	1,577.4	3.6	4.0	-10.51	-145.3	-21.9	66.3	59.7	6.65	9.967			
1,700.0	1,692.1	1,688.3	1,674.0	4.0	4.5	-10.86	-170.3	-26.3	71.8	64.7	7.15	10.050			
1,800.0	1,790.0	1,788.1	1,770.5	4.3	5.0	-11.16	-195.4	-30.7	77.4	69.7	7.66	10.106			
1,900.0	1,888.0	1,887.9	1,867.1	4.7	5.5	-11.42	-220.4	-35.2	82.9	74.8	8.18	10.143			
2,000.0	1,985.9	1,987.8	1,963.6	5.1	6.0	-11.65	-245.5	-39.6	88.5	79.8	8.70	10.168			
2,100.0	2,083.8	2,087.6	2,060.2	5.5	6.5	-11.85	-270.5	-44.0	94.0	84.8	9.23	10.182			
2,200.0	2,181.8	2,187.5	2,156.7	6.0	7.0	-12.03	-295.6	-48.5	99.6	89.8	9.77	10.189			
2,300.0	2,279.7	2,287.3	2,253.3	6.4	7.5	-12.19	-320.6	-52.9	105.1	94.8	10.31	10.191			
2,400.0	2,377.7	2,387.2	2,349.8	6.8	8.0	-12.34	-345.7	-57.3	110.7	99.8	10.86	10.188			
2,500.0	2,475.6	2,487.0	2,446.4	7.2	8.5	-12.47	-370.7	-61.8	116.2	104.8	11.41	10.183			
2,600.0	2,573.5	2,586.9	2,542.9	7.7	9.1	-12.59	-395.8	-66.2	121.7	109.8	11.96	10.175			
2,700.0	2,671.5	2,686.7	2,639.5	8.1	9.6	-12.69	-420.9	-70.6	127.3	114.8	12.52	10.166			
2,800.0	2,769.4	2,786.6	2,736.0	8.5	10.1	-12.79	-445.9	-75.1	132.8	119.8	13.08	10.156			
2,900.0	2,867.3	2,886.4	2,832.6	9.0	10.6	-12.88	-471.0	-79.5	138.4	124.8	13.64	10.146			
3,000.0	2,965.3	2,986.3	2,929.1	9.4	11.2	-12.97	-496.0	-83.9	143.9	129.7	14.20	10.135			
3,100.0	3,063.2	3,086.1	3,025.7	9.8	11.7	-13.05	-521.1	-88.4	149.5	134.7	14.77	10.123			
3,200.0	3,161.1	3,185.9	3,122.2	10.3	12.2	-13.12	-546.1	-92.8	155.0	139.7	15.33	10.111			
3,300.0	3,259.1	3,285.8	3,218.8	10.7	12.7	-13.18	-571.2	-97.2	160.6	144.7	15.90	10.100			
3,400.0	3,357.0	3,385.6	3,315.3	11.1	13.3	-13.25	-596.2	-101.7	166.1	149.7	16.47	10.088			
3,500.0	3,454.9	3,485.5	3,411.9	11.6	13.8	-13.31	-621.3	-106.1	171.7	154.7	17.04	10.077			
3,600.0	3,552.9	3,585.3	3,508.4	12.0	14.3	-13.36	-646.3	-110.5	177.2	159.6	17.61	10.066			
3,700.0	3,650.8	3,685.2	3,605.0	12.5	14.9	-13.41	-671.4	-115.0	182.8	164.6	18.18	10.055			
3,800.0	3,748.7	3,785.0	3,701.5	12.9	15.4	-13.46	-696.4	-119.4	188.3	169.6	18.75	10.044			
3,900.0	3,846.7	3,884.9	3,798.1	13.4	15.9	-13.51	-721.5	-123.8	193.9	174.6	19.32	10.033			
4,000.0	3,944.6	3,984.7	3,894.6	13.8	16.5	-13.55	-746.5	-128.3	199.4	179.5	19.90	10.023			
4,100.0	4,042.5	4,084.6	3,991.2	14.2	17.0	-13.59	-771.6	-132.7	205.0	184.5	20.47	10.013			
4,200.0	4,140.5	4,184.4	4,087.7	14.7	17.5	-13.63	-796.6	-137.1	210.5	189.5	21.05	10.003			
4,300.0	4,238.4	4,284.2	4,184.3	15.1	18.1	-13.67	-821.7	-141.6	216.1	194.5	21.62	9.994			
4,400.0	4,336.3	4,384.1	4,280.8	15.6	18.6	-13.70	-846.7	-146.0	221.6	199.4	22.20	9.985			
4,500.0	4,434.3	4,483.9	4,377.4	16.0	19.1	-13.74	-871.8	-150.4	227.2	204.4	22.77	9.976			
4,600.0	4,532.2	4,583.8	4,473.9	16.5	19.7	-13.77	-896.9	-154.8	232.7	209.4	23.35	9.967			
4,700.0	4,630.1	4,683.6	4,570.5	16.9	20.2	-13.80	-921.9	-159.3	238.3	214.4	23.93	9.959			
4,800.0	4,728.1	4,783.5	4,667.0	17.4	20.7	-13.83	-947.0	-163.7	243.9	219.3	24.51	9.951			
4,900.0	4,826.0	4,883.3	4,763.6	17.8	21.2	-13.85	-972.0	-168.1	249.4	224.3	25.08	9.943			
5,000.0	4,923.9	4,983.2	4,860.1	18.2	21.8	-13.88	-997.1	-172.6	255.0	229.3	25.66	9.935			

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)													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	5,021.9	5,083.0	4,956.7	18.7	22.3	-13.90	-1,022.1	-177.0	260.5	234.3	26.24	9.928		
5,200.9	5,120.7	5,183.8	5,054.1	19.1	22.9	-13.93	-1,047.4	-181.5	266.1	239.3	26.82	9.921		
5,300.0	5,218.1	5,291.2	5,158.4	19.5	23.3	-13.95	-1,072.9	-186.0	271.9	244.6	27.34	9.948		
5,400.0	5,316.9	5,401.5	5,266.3	19.8	23.6	-13.93	-1,095.1	-189.9	277.5	249.7	27.77	9.992		
5,500.0	5,416.2	5,512.0	5,375.2	20.0	23.9	-13.89	-1,113.3	-193.1	282.6	254.5	28.14	10.044		
5,600.0	5,515.9	5,622.7	5,485.0	20.2	24.2	-13.82	-1,127.3	-195.6	287.4	258.9	28.44	10.103		
5,700.0	5,615.8	5,733.6	5,595.5	20.3	24.4	-13.72	-1,137.2	-197.4	291.7	263.0	28.68	10.170		
5,784.2	5,700.0	5,827.2	5,688.9	20.4	24.5	179.66	-1,142.2	-198.3	295.0	250.5	44.47	6.633		
5,800.0	5,715.8	5,844.7	5,706.4	20.5	24.6	179.68	-1,142.8	-198.4	295.5	251.0	44.52	6.639		
5,900.0	5,815.8	5,954.1	5,815.8	20.6	24.7	179.73	-1,144.3	-198.6	296.9	252.1	44.76	6.633		
6,000.0	5,915.8	6,054.1	5,915.8	20.7	24.8	179.73	-1,144.3	-198.6	296.9	251.9	44.96	6.602		
6,100.0	6,015.8	6,154.1	6,015.8	20.8	24.9	179.73	-1,144.3	-198.6	296.9	251.7	45.17	6.572		
6,200.0	6,115.8	6,254.1	6,115.8	20.9	25.0	179.73	-1,144.3	-198.6	296.9	251.5	45.37	6.542		
6,268.0	6,183.8	6,322.1	6,183.8	21.0	25.0	179.73	-1,144.3	-198.6	296.9	251.3	45.52	6.522		
6,300.0	6,215.8	6,354.2	6,215.9	21.0	25.1	90.41	-1,144.2	-197.9	296.9	266.3	30.52	9.728		
6,350.0	6,265.6	6,404.3	6,265.8	21.1	25.1	90.40	-1,144.2	-193.9	296.9	266.2	30.65	9.685		
6,400.0	6,315.0	6,454.5	6,315.4	21.1	25.1	90.40	-1,144.1	-186.4	296.9	266.1	30.76	9.652		
6,450.0	6,363.8	6,504.6	6,364.3	21.1	25.2	90.39	-1,144.0	-175.5	296.9	266.0	30.84	9.626		
6,500.0	6,411.7	6,554.7	6,412.4	21.2	25.2	90.38	-1,143.8	-161.2	296.9	266.0	30.90	9.606		
6,550.0	6,458.5	6,604.9	6,459.3	21.2	25.2	90.37	-1,143.6	-143.5	296.9	265.9	30.96	9.589		
6,600.0	6,504.0	6,655.0	6,504.9	21.2	25.2	90.36	-1,143.4	-122.6	296.9	265.8	31.01	9.573		
6,650.0	6,547.9	6,705.1	6,548.8	21.2	25.2	90.35	-1,143.1	-98.6	296.9	265.8	31.08	9.552		
6,700.0	6,590.1	6,755.3	6,591.0	21.2	25.2	90.33	-1,142.8	-71.6	296.9	265.7	31.18	9.522		
6,750.0	6,630.2	6,805.4	6,631.2	21.2	25.3	90.32	-1,142.4	-41.7	296.9	265.5	31.32	9.477		
6,800.0	6,668.2	6,855.5	6,669.2	21.3	25.3	90.30	-1,142.0	-9.0	296.9	265.3	31.54	9.412		
6,850.0	6,703.8	6,905.6	6,704.9	21.3	25.3	90.28	-1,141.6	26.2	296.9	265.0	31.85	9.321		
6,900.0	6,736.9	6,955.7	6,737.9	21.3	25.3	90.26	-1,141.2	63.8	296.9	264.6	32.28	9.198		
6,950.0	6,767.3	7,005.8	6,768.3	21.4	25.4	90.24	-1,140.7	103.6	296.9	264.0	32.84	9.041		
6,971.6	6,779.5	7,027.4	6,780.5	21.4	25.4	90.22	-1,140.5	121.5	296.9	263.7	33.14	8.958		
7,000.0	6,794.8	7,055.9	6,795.8	21.4	25.4	90.21	-1,140.2	145.5	296.9	263.3	33.55	8.848		
7,050.0	6,819.4	7,105.9	6,820.3	21.5	25.5	90.19	-1,139.7	189.1	296.9	262.4	34.43	8.622		
7,100.0	6,840.9	7,156.0	6,841.7	21.6	25.6	90.16	-1,139.2	234.4	296.9	261.4	35.48	8.367		
7,150.0	6,859.2	7,206.1	6,859.8	21.8	25.7	90.13	-1,138.6	281.0	296.9	260.2	36.70	8.089		
7,200.0	6,874.1	7,256.1	6,874.7	22.1	25.9	90.11	-1,138.1	328.8	296.9	258.8	38.09	7.795		
7,250.0	6,885.8	7,306.1	6,886.2	22.4	26.2	90.08	-1,137.5	377.5	296.9	257.2	39.62	7.492		
7,300.0	6,894.0	7,356.2	6,894.2	22.9	26.5	90.05	-1,136.9	426.8	296.9	255.6	41.30	7.188		
7,350.0	6,898.7	7,406.2	6,898.8	23.5	26.9	90.02	-1,136.3	476.6	296.9	253.8	43.09	6.889		
7,393.0	6,900.0	7,449.2	6,900.0	24.1	27.3	90.00	-1,135.8	519.6	296.9	252.1	44.71	6.640		
7,400.0	6,900.0	7,456.2	6,900.0	24.2	27.3	90.00	-1,135.8	526.6	296.9	251.9	44.98	6.600		
7,500.0	6,900.0	7,556.2	6,900.0	25.9	28.6	90.00	-1,134.6	626.6	296.9	247.8	49.02	6.056		
7,600.0	6,900.0	7,656.2	6,900.0	27.9	30.1	90.00	-1,133.4	726.6	296.9	243.5	53.33	5.567		
7,700.0	6,900.0	7,756.2	6,900.0	30.0	31.9	90.00	-1,132.2	826.6	296.9	239.0	57.86	5.131		
7,800.0	6,900.0	7,856.2	6,900.0	32.3	33.9	90.00	-1,131.1	926.6	296.9	234.3	62.56	4.745		
7,900.0	6,900.0	7,956.2	6,900.0	34.6	36.1	90.00	-1,129.9	1,026.6	296.9	229.5	67.41	4.404		
8,000.0	6,900.0	8,056.2	6,900.0	37.0	38.4	90.00	-1,128.7	1,126.6	296.9	224.5	72.36	4.102		
8,100.0	6,900.0	8,156.2	6,900.0	39.5	40.7	90.00	-1,127.6	1,226.6	296.9	219.5	77.41	3.835		
8,200.0	6,900.0	8,256.2	6,900.0	42.0	43.1	90.00	-1,126.4	1,326.5	296.9	214.3	82.53	3.597		
8,300.0	6,900.0	8,356.2	6,900.0	44.5	45.6	90.00	-1,125.2	1,426.5	296.9	209.2	87.71	3.385		
8,400.0	6,900.0	8,456.2	6,900.0	47.1	48.1	90.00	-1,124.0	1,526.5	296.9	203.9	92.93	3.194		
8,500.0	6,900.0	8,556.2	6,900.0	49.7	50.6	90.00	-1,122.9	1,626.5	296.9	198.7	98.21	3.023		
8,600.0	6,900.0	8,656.2	6,900.0	52.4	53.2	90.00	-1,121.7	1,726.5	296.9	193.4	103.51	2.868		
8,700.0	6,900.0	8,756.2	6,900.0	55.0	55.8	90.00	-1,120.5	1,826.5	296.9	188.0	108.85	2.727		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)													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 (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,800.0	6,900.0	8,856.2	6,900.0	57.7	58.4	90.00	-1,119.3	1,926.5	296.9	182.7	114.21	2.599	
8,900.0	6,900.0	8,956.2	6,900.0	60.3	61.0	90.00	-1,118.2	2,026.5	296.9	177.3	119.60	2.482	
9,000.0	6,900.0	9,056.2	6,900.0	63.0	63.7	90.00	-1,117.0	2,126.5	296.9	171.9	125.00	2.375	
9,100.0	6,900.0	9,156.2	6,900.0	65.7	66.3	90.00	-1,115.8	2,226.5	296.9	166.5	130.43	2.276	
9,200.0	6,900.0	9,256.2	6,900.0	68.4	69.0	90.00	-1,114.7	2,326.5	296.9	161.0	135.86	2.185	
9,300.0	6,900.0	9,356.2	6,900.0	71.1	71.7	90.00	-1,113.5	2,426.5	296.9	155.6	141.32	2.101	
9,400.0	6,900.0	9,456.2	6,900.0	73.8	74.4	90.00	-1,112.3	2,526.5	296.9	150.1	146.78	2.023	
9,500.0	6,900.0	9,556.2	6,900.0	76.5	77.1	90.00	-1,111.1	2,626.5	296.9	144.6	152.25	1.950	
9,600.0	6,900.0	9,656.2	6,900.0	79.3	79.8	90.00	-1,110.0	2,726.5	296.9	139.1	157.74	1.882	
9,700.0	6,900.0	9,756.2	6,900.0	82.0	82.5	90.00	-1,108.8	2,826.4	296.9	133.7	163.23	1.819	
9,800.0	6,900.0	9,856.2	6,900.0	84.8	85.2	90.00	-1,107.6	2,926.4	296.9	128.2	168.73	1.760	
9,900.0	6,900.0	9,956.2	6,900.0	87.5	88.0	90.00	-1,106.5	3,026.4	296.9	122.7	174.24	1.704	
10,000.0	6,900.0	10,056.2	6,900.0	90.2	90.7	90.00	-1,105.3	3,126.4	296.9	117.1	179.75	1.652	
10,100.0	6,900.0	10,156.2	6,900.0	93.0	93.4	90.00	-1,104.1	3,226.4	296.9	111.6	185.27	1.602	
10,200.0	6,900.0	10,256.2	6,900.0	95.7	96.2	90.00	-1,102.9	3,326.4	296.9	106.1	190.79	1.556	
10,300.0	6,900.0	10,356.2	6,900.0	98.5	98.9	90.00	-1,101.8	3,426.4	296.9	100.6	196.32	1.512	
10,400.0	6,900.0	10,456.2	6,900.0	101.3	101.6	90.00	-1,100.6	3,526.4	296.9	95.0	201.86	1.471 Level 3	
10,500.0	6,900.0	10,556.2	6,900.0	104.0	104.4	90.00	-1,099.4	3,626.4	296.9	89.5	207.39	1.432 Level 3	
10,600.0	6,900.0	10,656.2	6,900.0	106.8	107.1	90.00	-1,098.3	3,726.4	296.9	84.0	212.94	1.394 Level 3	
10,700.0	6,900.0	10,756.2	6,900.0	109.6	109.9	90.00	-1,097.1	3,826.4	296.9	78.4	218.48	1.359 Level 3	
10,800.0	6,900.0	10,856.2	6,900.0	112.3	112.7	90.00	-1,095.9	3,926.4	296.9	72.9	224.03	1.325 Level 3	
10,900.0	6,900.0	10,956.2	6,900.0	115.1	115.4	90.00	-1,094.7	4,026.4	296.9	67.3	229.58	1.293 Level 3	
11,000.0	6,900.0	11,056.2	6,900.0	117.9	118.2	90.00	-1,093.6	4,126.4	296.9	61.8	235.13	1.263 Level 3	
11,100.0	6,900.0	11,156.2	6,900.0	120.6	120.9	90.00	-1,092.4	4,226.3	296.9	56.2	240.69	1.234 Level 2	
11,200.0	6,900.0	11,256.2	6,900.0	123.4	123.7	90.00	-1,091.2	4,326.3	296.9	50.7	246.25	1.206 Level 2	
11,300.0	6,900.0	11,356.2	6,900.0	126.2	126.5	90.00	-1,090.1	4,426.3	296.9	45.1	251.81	1.179 Level 2	
11,400.0	6,900.0	11,456.2	6,900.0	129.0	129.2	90.00	-1,088.9	4,526.3	296.9	39.5	257.37	1.154 Level 2	
11,438.2	6,900.0	11,494.4	6,900.0	130.0	130.3	90.00	-1,088.4	4,564.5	296.9	37.4	259.50	1.144 Level 2	
11,466.9	6,900.0	11,520.7	6,900.0	130.8	131.0	90.00	-1,088.1	4,590.9	296.9	35.9	261.03	1.137 Level 2, SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	179.73	-60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	179.73	-60.1	0.3	60.1	59.9	0.22	267.459		
200.0	200.0	200.0	200.0	0.3	0.3	179.73	-60.1	0.3	60.1	59.4	0.67	89.153 CC, ES		
300.0	300.0	298.4	298.4	0.6	0.5	179.89	-61.4	0.1	61.4	60.3	1.10	55.909		
400.0	400.0	396.8	396.7	0.8	0.7	-179.68	-65.1	-0.4	65.2	63.7	1.52	42.819		
500.0	500.0	494.8	494.5	1.0	1.0	-179.07	-71.4	-1.2	71.6	69.7	1.96	36.474		
600.0	600.0	592.5	591.8	1.2	1.2	-178.38	-80.1	-2.3	80.6	78.1	2.41	33.386		
700.0	700.0	689.6	688.3	1.5	1.5	-177.69	-91.2	-3.7	92.0	89.2	2.87	32.075		
800.0	800.0	786.1	783.8	1.7	1.8	-177.06	-104.6	-5.4	106.0	102.7	3.33	31.824		
900.0	900.0	882.1	878.5	1.9	2.1	-9.84	-120.4	-7.4	121.2	117.5	3.74	32.390		
1,000.0	999.9	977.7	972.4	2.1	2.5	-9.56	-138.4	-9.7	136.4	132.2	4.16	32.799		
1,100.0	1,099.7	1,073.0	1,065.4	2.3	2.9	-9.43	-158.7	-12.2	151.4	146.8	4.59	32.996		
1,200.0	1,199.3	1,168.0	1,157.6	2.5	3.4	-9.41	-181.1	-15.1	166.4	161.4	5.04	33.041		
1,300.0	1,298.6	1,262.6	1,248.9	2.7	3.9	-9.48	-205.8	-18.2	181.2	175.7	5.50	32.970		
1,400.0	1,397.5	1,356.8	1,339.2	3.0	4.4	-9.61	-232.6	-21.6	196.0	190.0	5.97	32.828		
1,500.0	1,496.1	1,452.4	1,430.2	3.3	4.9	-9.80	-261.9	-25.4	210.5	204.0	6.47	32.552		
1,577.7	1,572.3	1,529.5	1,503.3	3.5	5.4	-10.00	-285.9	-28.4	220.4	213.5	6.86	32.106		
1,600.0	1,594.2	1,551.6	1,524.4	3.6	5.6	-10.08	-292.8	-29.3	223.0	216.0	6.98	31.942		
1,700.0	1,692.1	1,650.9	1,618.6	4.0	6.2	-10.38	-323.7	-33.2	234.8	227.3	7.52	31.240		
1,800.0	1,790.0	1,750.2	1,712.9	4.3	6.8	-10.66	-354.6	-37.1	246.6	238.5	8.06	30.597		
1,900.0	1,888.0	1,849.5	1,807.2	4.7	7.4	-10.91	-385.5	-41.1	258.4	249.8	8.61	30.010		
2,000.0	1,985.9	1,948.8	1,901.5	5.1	8.0	-11.14	-416.4	-45.0	270.2	261.0	9.17	29.473		
2,100.0	2,083.8	2,048.1	1,995.7	5.5	8.6	-11.36	-447.4	-48.9	282.0	272.3	9.73	28.982		
2,200.0	2,181.8	2,147.4	2,090.0	6.0	9.3	-11.55	-478.3	-52.9	293.8	283.5	10.30	28.532		
2,300.0	2,279.7	2,246.7	2,184.3	6.4	9.9	-11.73	-509.2	-56.8	305.6	294.8	10.87	28.118		
2,400.0	2,377.7	2,346.0	2,278.6	6.8	10.5	-11.90	-540.1	-60.7	317.4	306.0	11.44	27.737		
2,500.0	2,475.6	2,445.3	2,372.8	7.2	11.2	-12.05	-571.1	-64.7	329.2	317.2	12.02	27.386		
2,600.0	2,573.5	2,544.6	2,467.1	7.7	11.8	-12.19	-602.0	-68.6	341.1	328.5	12.60	27.062		
2,700.0	2,671.5	2,643.9	2,561.4	8.1	12.4	-12.33	-632.9	-72.5	352.9	339.7	13.19	26.761		
2,800.0	2,769.4	2,743.2	2,655.7	8.5	13.0	-12.45	-663.8	-76.4	364.7	350.9	13.77	26.482		
2,900.0	2,867.3	2,842.5	2,749.9	9.0	13.7	-12.57	-694.8	-80.4	376.5	362.2	14.36	26.222		
3,000.0	2,965.3	2,941.8	2,844.2	9.4	14.3	-12.68	-725.7	-84.3	388.4	373.4	14.95	25.980		
3,100.0	3,063.2	3,041.1	2,938.5	9.8	14.9	-12.78	-756.6	-88.2	400.2	384.6	15.54	25.754		
3,200.0	3,161.1	3,140.4	3,032.8	10.3	15.6	-12.88	-787.5	-92.2	412.0	395.9	16.13	25.542		
3,300.0	3,259.1	3,239.7	3,127.0	10.7	16.2	-12.97	-818.5	-96.1	423.8	407.1	16.72	25.343		
3,400.0	3,357.0	3,339.0	3,221.3	11.1	16.8	-13.06	-849.4	-100.0	435.7	418.3	17.32	25.156		
3,500.0	3,454.9	3,438.3	3,315.6	11.6	17.5	-13.14	-880.3	-104.0	447.5	429.6	17.91	24.981		
3,600.0	3,552.9	3,537.6	3,409.9	12.0	18.1	-13.22	-911.2	-107.9	459.3	440.8	18.51	24.815		
3,700.0	3,650.8	3,636.9	3,504.1	12.5	18.7	-13.30	-942.2	-111.8	471.2	452.0	19.11	24.658		
3,800.0	3,748.7	3,736.2	3,598.4	12.9	19.4	-13.37	-973.1	-115.7	483.0	463.3	19.71	24.510		
3,900.0	3,846.7	3,835.4	3,692.7	13.4	20.0	-13.43	-1,004.0	-119.7	494.8	474.5	20.30	24.370		
4,000.0	3,944.6	3,934.7	3,787.0	13.8	20.6	-13.50	-1,034.9	-123.6	506.7	485.8	20.90	24.237		
4,100.0	4,042.5	4,034.0	3,881.2	14.2	21.3	-13.56	-1,065.9	-127.5	518.5	497.0	21.50	24.111		
4,200.0	4,140.5	4,133.3	3,975.5	14.7	21.9	-13.62	-1,096.8	-131.5	530.3	508.2	22.10	23.991		
4,300.0	4,238.4	4,232.6	4,069.8	15.1	22.5	-13.67	-1,127.7	-135.4	542.2	519.5	22.71	23.877		
4,400.0	4,336.3	4,331.9	4,164.1	15.6	23.2	-13.73	-1,158.6	-139.3	554.0	530.7	23.31	23.769		
4,500.0	4,434.3	4,431.2	4,258.3	16.0	23.8	-13.78	-1,189.6	-143.3	565.8	541.9	23.91	23.665		
4,600.0	4,532.2	4,530.5	4,352.6	16.5	24.4	-13.83	-1,220.5	-147.2	577.7	553.2	24.51	23.566		
4,700.0	4,630.1	4,629.8	4,446.9	16.9	25.1	-13.88	-1,251.4	-151.1	589.5	564.4	25.12	23.471		
4,800.0	4,728.1	4,729.1	4,541.2	17.4	25.7	-13.92	-1,282.3	-155.0	601.3	575.6	25.72	23.381		
4,900.0	4,826.0	4,828.4	4,635.5	17.8	26.3	-13.97	-1,313.2	-159.0	613.2	586.9	26.32	23.294		
5,000.0	4,923.9	4,927.7	4,729.7	18.2	27.0	-14.01	-1,344.2	-162.9	625.0	598.1	26.93	23.211		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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	5,021.9	5,027.0	4,824.0	18.7	27.6	-14.05	-1,375.1	-166.8	636.9	609.3	27.53	23.131		
5,200.9	5,120.7	5,127.2	4,919.2	19.1	28.2	-14.09	-1,406.3	-170.8	648.8	620.7	28.14	23.054		
5,300.0	5,218.1	5,225.4	5,012.4	19.5	28.9	-14.15	-1,436.9	-174.7	662.2	633.5	28.67	23.096		
5,400.0	5,316.9	5,325.7	5,107.6	19.8	29.5	-14.16	-1,468.1	-178.6	679.0	649.9	29.13	23.309		
5,500.0	5,416.2	5,454.8	5,231.1	20.0	30.1	-14.11	-1,505.2	-183.4	696.7	667.2	29.57	23.561		
5,600.0	5,515.9	5,585.1	5,357.4	20.2	30.6	-14.03	-1,537.1	-187.4	713.4	683.5	29.92	23.839		
5,700.0	5,615.8	5,716.7	5,486.3	20.3	31.0	-13.93	-1,563.5	-190.8	728.9	698.7	30.20	24.132		
5,784.2	5,700.0	5,828.4	5,596.6	20.4	31.3	179.46	-1,581.2	-193.0	741.1	689.8	51.25	14.461		
5,800.0	5,715.8	5,849.5	5,617.4	20.5	31.3	179.49	-1,584.1	-193.4	743.2	691.9	51.32	14.483		
5,900.0	5,815.8	5,983.6	5,750.7	20.6	31.6	179.64	-1,598.7	-195.3	754.2	702.4	51.72	14.582		
6,000.0	5,915.8	6,118.9	5,885.7	20.7	31.8	179.72	-1,607.3	-196.3	760.5	708.4	52.03	14.615		
6,100.0	6,015.8	6,249.0	6,015.8	20.8	31.9	179.75	-1,609.5	-196.6	762.1	709.8	52.28	14.579		
6,200.0	6,115.8	6,349.0	6,115.8	20.9	32.0	179.75	-1,609.5	-196.6	762.1	709.7	52.47	14.526		
6,268.0	6,183.8	6,417.0	6,183.8	21.0	32.1	179.75	-1,609.5	-196.6	762.1	709.5	52.59	14.491		
6,300.0	6,215.8	6,449.1	6,215.9	21.0	32.1	90.42	-1,609.5	-195.9	762.1	730.0	32.17	23.690		
6,350.0	6,265.6	6,499.4	6,266.0	21.1	32.1	90.42	-1,609.5	-191.9	762.1	729.8	32.30	23.599		
6,400.0	6,315.0	6,549.6	6,315.6	21.1	32.1	90.41	-1,609.4	-184.4	762.2	729.8	32.39	23.527		
6,450.0	6,363.8	6,599.8	6,364.6	21.1	32.2	90.40	-1,609.3	-173.4	762.2	729.7	32.47	23.473		
6,500.0	6,411.7	6,650.0	6,412.7	21.2	32.2	90.40	-1,609.2	-159.0	762.2	729.7	32.53	23.433		
6,550.0	6,458.5	6,700.2	6,459.7	21.2	32.2	90.39	-1,609.0	-141.3	762.3	729.7	32.58	23.400		
6,600.0	6,504.0	6,750.5	6,505.3	21.2	32.2	90.37	-1,608.8	-120.4	762.3	729.7	32.62	23.369		
6,650.0	6,547.9	6,800.7	6,549.4	21.2	32.2	90.36	-1,608.6	-96.3	762.4	729.7	32.68	23.329		
6,700.0	6,590.1	6,850.9	6,591.6	21.2	32.2	90.34	-1,608.4	-69.2	762.5	729.7	32.77	23.269		
6,750.0	6,630.2	6,901.0	6,631.8	21.2	32.2	90.33	-1,608.1	-39.2	762.6	729.7	32.90	23.178		
6,800.0	6,668.2	6,951.2	6,669.8	21.3	32.2	90.31	-1,607.8	-6.5	762.7	729.6	33.10	23.040		
6,850.0	6,703.8	7,001.4	6,705.5	21.3	32.3	90.29	-1,607.5	28.8	762.8	729.4	33.39	22.843		
6,900.0	6,736.9	7,051.5	6,738.5	21.3	32.3	90.27	-1,607.2	66.5	762.9	729.1	33.79	22.576		
6,950.0	6,767.3	7,101.7	6,768.8	21.4	32.3	90.24	-1,606.9	106.5	763.0	728.7	34.32	22.231		
7,000.0	6,794.8	7,151.8	6,796.3	21.4	32.4	90.22	-1,606.5	148.4	763.1	728.1	35.00	21.804		
7,050.0	6,819.4	7,201.9	6,820.8	21.5	32.4	90.19	-1,606.1	192.1	763.3	727.4	35.84	21.297		
7,100.0	6,840.9	7,252.0	6,842.1	21.6	32.5	90.17	-1,605.7	237.4	763.4	726.6	36.84	20.720		
7,150.0	6,859.2	7,302.1	6,860.2	21.8	32.6	90.14	-1,605.3	284.1	763.5	725.5	38.02	20.084		
7,200.0	6,874.1	7,352.2	6,875.0	22.1	32.8	90.11	-1,604.9	331.9	763.7	724.3	39.35	19.405		
7,250.0	6,885.8	7,402.2	6,886.4	22.4	32.9	90.08	-1,604.5	380.6	763.8	723.0	40.84	18.701		
7,300.0	6,894.0	7,452.2	6,894.4	22.9	33.1	90.05	-1,604.0	430.0	764.0	721.5	42.47	17.988		
7,350.0	6,898.7	7,502.3	6,898.9	23.5	33.4	90.02	-1,603.6	479.8	764.1	719.9	44.21	17.282		
7,393.0	6,900.0	7,545.3	6,900.0	24.1	33.6	90.00	-1,603.2	522.8	764.2	718.4	45.79	16.689		
7,400.0	6,900.0	7,552.3	6,900.0	24.2	33.7	90.00	-1,603.1	529.8	764.3	718.2	46.06	16.594		
7,500.0	6,900.0	7,652.3	6,900.0	25.9	34.4	90.00	-1,602.3	629.8	764.6	714.6	50.01	15.289		
7,600.0	6,900.0	7,752.3	6,900.0	27.9	35.4	90.00	-1,601.4	729.8	764.9	710.6	54.23	14.104		
7,700.0	6,900.0	7,852.3	6,900.0	30.0	36.6	90.00	-1,600.5	829.8	765.2	706.5	58.69	13.038		
7,800.0	6,900.0	7,952.3	6,900.0	32.3	38.1	90.00	-1,599.6	929.8	765.4	702.1	63.33	12.087		
7,900.0	6,900.0	8,052.3	6,900.0	34.6	39.8	90.00	-1,598.8	1,029.8	765.7	697.6	68.12	11.242		
8,000.0	6,900.0	8,152.3	6,900.0	37.0	41.7	90.00	-1,597.9	1,129.8	766.0	693.0	73.02	10.491		
8,100.0	6,900.0	8,252.3	6,900.0	39.5	43.7	90.00	-1,597.0	1,229.8	766.3	688.3	78.02	9.822		
8,200.0	6,900.0	8,352.3	6,900.0	42.0	45.8	90.00	-1,596.1	1,329.8	766.6	683.5	83.10	9.226		
8,300.0	6,900.0	8,452.3	6,900.0	44.5	48.1	90.00	-1,595.3	1,429.8	766.9	678.7	88.24	8.691		
8,400.0	6,900.0	8,552.3	6,900.0	47.1	50.4	90.00	-1,594.4	1,529.8	767.2	673.8	93.44	8.211		
8,500.0	6,900.0	8,652.3	6,900.0	49.7	52.8	90.00	-1,593.5	1,629.8	767.5	668.8	98.68	7.778		
8,600.0	6,900.0	8,752.3	6,900.0	52.4	55.2	90.00	-1,592.6	1,729.8	767.8	663.9	103.96	7.386		
8,700.0	6,900.0	8,852.3	6,900.0	55.0	57.7	90.00	-1,591.8	1,829.8	768.1	658.8	109.27	7.030		
8,800.0	6,900.0	8,952.3	6,900.0	57.7	60.2	90.00	-1,590.9	1,929.8	768.4	653.8	114.61	6.704		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,900.0	6,900.0	9,052.3	6,900.0	60.3	62.7	90.00	-1,590.0	2,029.8	768.7	648.7	119.98	6.407		
9,000.0	6,900.0	9,152.3	6,900.0	63.0	65.3	90.00	-1,589.1	2,129.8	769.0	643.6	125.37	6.134		
9,100.0	6,900.0	9,252.3	6,900.0	65.7	67.9	90.00	-1,588.3	2,229.7	769.3	638.5	130.77	5.883		
9,200.0	6,900.0	9,352.3	6,900.0	68.4	70.5	90.00	-1,587.4	2,329.7	769.6	633.4	136.19	5.651		
9,300.0	6,900.0	9,452.3	6,900.0	71.1	73.1	90.00	-1,586.5	2,429.7	769.9	628.3	141.63	5.436		
9,400.0	6,900.0	9,552.3	6,900.0	73.8	75.7	90.00	-1,585.6	2,529.7	770.2	623.1	147.08	5.237		
9,500.0	6,900.0	9,652.3	6,900.0	76.5	78.4	90.00	-1,584.7	2,629.7	770.5	618.0	152.54	5.051		
9,600.0	6,900.0	9,752.3	6,900.0	79.3	81.0	90.00	-1,583.9	2,729.7	770.8	612.8	158.02	4.878		
9,700.0	6,900.0	9,852.3	6,900.0	82.0	83.7	90.00	-1,583.0	2,829.7	771.1	607.6	163.50	4.716		
9,800.0	6,900.0	9,952.3	6,900.0	84.8	86.4	90.00	-1,582.1	2,929.7	771.4	602.4	168.99	4.565		
9,900.0	6,900.0	10,052.3	6,900.0	87.5	89.1	90.00	-1,581.2	3,029.7	771.7	597.2	174.49	4.423		
10,000.0	6,900.0	10,152.3	6,900.0	90.2	91.8	90.00	-1,580.4	3,129.7	772.0	592.0	179.99	4.289		
10,100.0	6,900.0	10,252.3	6,900.0	93.0	94.5	90.00	-1,579.5	3,229.7	772.3	586.8	185.50	4.163		
10,200.0	6,900.0	10,352.3	6,900.0	95.7	97.2	90.00	-1,578.6	3,329.7	772.6	581.6	191.02	4.044		
10,300.0	6,900.0	10,452.3	6,900.0	98.5	99.9	90.00	-1,577.7	3,429.7	772.9	576.3	196.54	3.932		
10,400.0	6,900.0	10,552.3	6,900.0	101.3	102.6	90.00	-1,576.9	3,529.7	773.2	571.1	202.07	3.826		
10,500.0	6,900.0	10,652.3	6,900.0	104.0	105.3	90.00	-1,576.0	3,629.7	773.5	565.9	207.60	3.726		
10,600.0	6,900.0	10,752.3	6,900.0	106.8	108.1	90.00	-1,575.1	3,729.7	773.8	560.6	213.14	3.630		
10,700.0	6,900.0	10,852.3	6,900.0	109.6	110.8	90.00	-1,574.2	3,829.7	774.1	555.4	218.68	3.540		
10,800.0	6,900.0	10,952.3	6,900.0	112.3	113.5	90.00	-1,573.4	3,929.7	774.4	550.1	224.22	3.454		
10,900.0	6,900.0	11,052.3	6,900.0	115.1	116.3	90.00	-1,572.5	4,029.7	774.7	544.9	229.76	3.371		
11,000.0	6,900.0	11,152.3	6,900.0	117.9	119.0	90.00	-1,571.6	4,129.7	774.9	539.6	235.31	3.293		
11,100.0	6,900.0	11,252.3	6,900.0	120.6	121.8	90.00	-1,570.7	4,229.7	775.2	534.4	240.87	3.219		
11,200.0	6,900.0	11,352.3	6,900.0	123.4	124.5	90.00	-1,569.9	4,329.7	775.5	529.1	246.42	3.147		
11,300.0	6,900.0	11,452.3	6,900.0	126.2	127.2	90.00	-1,569.0	4,429.7	775.8	523.9	251.98	3.079		
11,400.0	6,900.0	11,552.3	6,900.0	129.0	130.0	90.00	-1,568.1	4,529.6	776.1	518.6	257.54	3.014		
11,466.9	6,900.0	11,615.0	6,900.0	130.8	131.7	90.00	-1,567.6	4,592.4	776.3	515.2	261.14	2.973 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.80	20.0	0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.80	20.0	0.3	20.0	19.8	0.22	89.118		
200.0	200.0	200.0	200.0	0.3	0.3	0.80	20.0	0.3	20.0	19.4	0.67	29.706		
300.0	300.0	300.0	300.0	0.6	0.6	0.80	20.0	0.3	20.0	18.9	1.12	17.824		
400.0	400.0	400.0	400.0	0.8	0.8	0.80	20.0	0.3	20.0	18.5	1.57	12.731		
500.0	500.0	500.0	500.0	1.0	1.0	0.80	20.0	0.3	20.0	18.0	2.02	9.902		
600.0	600.0	600.0	600.0	1.2	1.2	0.80	20.0	0.3	20.0	17.6	2.47	8.102		
700.0	700.0	700.0	700.0	1.5	1.5	0.80	20.0	0.3	20.0	17.1	2.92	6.855		
800.0	800.0	800.0	800.0	1.7	1.7	0.80	20.0	0.3	20.0	16.7	3.37	5.941 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	168.27	20.0	0.3	21.3	17.5	3.79	5.616		
1,000.0	999.9	999.9	999.9	2.1	2.1	170.08	20.0	0.3	25.2	21.0	4.20	5.992		
1,100.0	1,099.7	1,100.5	1,100.5	2.3	2.3	171.65	18.8	-0.1	30.3	25.8	4.59	6.617		
1,200.0	1,199.3	1,201.2	1,201.1	2.5	2.5	172.53	14.9	-1.2	35.5	30.6	4.95	7.173		
1,300.0	1,298.6	1,302.1	1,301.7	2.7	2.7	172.99	8.6	-3.1	40.7	35.4	5.34	7.633		
1,400.0	1,397.5	1,403.1	1,402.3	3.0	2.9	173.16	-0.4	-5.7	45.9	40.2	5.73	8.015		
1,500.0	1,496.1	1,504.2	1,502.7	3.3	3.1	173.13	-11.9	-9.1	51.1	45.0	6.14	8.330		
1,577.7	1,572.3	1,582.9	1,580.6	3.5	3.3	173.01	-22.6	-12.2	55.2	48.7	6.47	8.534		
1,600.0	1,594.2	1,605.5	1,602.9	3.6	3.4	172.95	-25.9	-13.2	56.3	49.7	6.56	8.573		
1,700.0	1,692.1	1,706.4	1,702.4	4.0	3.7	172.48	-42.3	-18.0	59.7	52.7	7.01	8.517		
1,800.0	1,790.0	1,806.3	1,800.8	4.3	4.0	171.96	-59.1	-22.9	62.6	55.1	7.47	8.376		
1,900.0	1,888.0	1,906.3	1,899.2	4.7	4.3	171.49	-75.9	-27.9	65.5	57.5	7.94	8.243		
2,000.0	1,985.9	2,006.3	1,997.6	5.1	4.7	171.06	-92.7	-32.8	68.4	59.9	8.42	8.115		
2,100.0	2,083.8	2,106.2	2,096.0	5.5	5.0	170.66	-109.5	-37.7	71.3	62.3	8.91	7.994		
2,200.0	2,181.8	2,206.2	2,194.5	6.0	5.4	170.29	-126.3	-42.7	74.2	64.7	9.41	7.880		
2,300.0	2,279.7	2,306.1	2,292.9	6.4	5.7	169.96	-143.1	-47.6	77.1	67.1	9.91	7.773		
2,400.0	2,377.7	2,406.1	2,391.3	6.8	6.1	169.64	-159.9	-52.5	80.0	69.5	10.42	7.672		
2,500.0	2,475.6	2,506.0	2,489.7	7.2	6.5	169.35	-176.7	-57.4	82.9	71.9	10.93	7.578		
2,600.0	2,573.5	2,606.0	2,588.1	7.7	6.8	169.08	-193.5	-62.4	85.8	74.3	11.45	7.489		
2,700.0	2,671.5	2,706.0	2,686.5	8.1	7.2	168.82	-210.3	-67.3	88.7	76.7	11.97	7.406		
2,800.0	2,769.4	2,805.9	2,784.9	8.5	7.6	168.58	-227.1	-72.2	91.6	79.1	12.50	7.328		
2,900.0	2,867.3	2,905.9	2,883.3	9.0	8.0	168.36	-243.9	-77.1	94.5	81.5	13.03	7.255		
3,000.0	2,965.3	3,005.8	2,981.7	9.4	8.4	168.15	-260.7	-82.1	97.4	83.9	13.56	7.186		
3,100.0	3,063.2	3,105.8	3,080.2	9.8	8.8	167.95	-277.5	-87.0	100.3	86.2	14.09	7.121		
3,200.0	3,161.1	3,205.7	3,178.6	10.3	9.1	167.76	-294.3	-91.9	103.2	88.6	14.62	7.059		
3,300.0	3,259.1	3,305.7	3,277.0	10.7	9.5	167.59	-311.1	-96.9	106.2	91.0	15.16	7.001		
3,400.0	3,357.0	3,405.7	3,375.4	11.1	9.9	167.42	-327.9	-101.8	109.1	93.4	15.70	6.946		
3,500.0	3,454.9	3,505.6	3,473.8	11.6	10.3	167.26	-344.7	-106.7	112.0	95.7	16.24	6.895		
3,600.0	3,552.9	3,605.6	3,572.2	12.0	10.7	167.11	-361.5	-111.6	114.9	98.1	16.79	6.845		
3,700.0	3,650.8	3,705.5	3,670.6	12.5	11.1	166.97	-378.3	-116.6	117.8	100.5	17.33	6.799		
3,800.0	3,748.7	3,805.5	3,769.0	12.9	11.5	166.83	-395.1	-121.5	120.7	102.9	17.88	6.755		
3,900.0	3,846.7	3,905.4	3,867.5	13.4	11.9	166.70	-411.9	-126.4	123.7	105.2	18.42	6.713		
4,000.0	3,944.6	4,005.4	3,965.9	13.8	12.3	166.58	-428.7	-131.4	126.6	107.6	18.97	6.672		
4,100.0	4,042.5	4,105.4	4,064.3	14.2	12.7	166.46	-445.5	-136.3	129.5	110.0	19.52	6.634		
4,200.0	4,140.5	4,205.3	4,162.7	14.7	13.1	166.35	-462.3	-141.2	132.4	112.4	20.07	6.598		
4,300.0	4,238.4	4,305.3	4,261.1	15.1	13.5	166.24	-479.1	-146.1	135.4	114.7	20.62	6.563		
4,400.0	4,336.3	4,405.2	4,359.5	15.6	13.9	166.14	-495.9	-151.1	138.3	117.1	21.17	6.530		
4,500.0	4,434.3	4,505.2	4,457.9	16.0	14.3	166.04	-512.7	-156.0	141.2	119.5	21.73	6.499		
4,600.0	4,532.2	4,605.1	4,556.3	16.5	14.7	165.94	-529.5	-160.9	144.1	121.8	22.28	6.468		
4,700.0	4,630.1	4,705.1	4,654.8	16.9	15.1	165.85	-546.3	-165.8	147.0	124.2	22.84	6.439		
4,800.0	4,728.1	4,805.1	4,753.2	17.4	15.5	165.76	-563.1	-170.8	150.0	126.6	23.39	6.411		
4,900.0	4,826.0	4,905.0	4,851.6	17.8	15.9	165.68	-579.9	-175.7	152.9	129.0	23.95	6.385		
5,000.0	4,923.9	5,005.0	4,950.0	18.2	16.3	165.60	-596.7	-180.6	155.8	131.3	24.50	6.359		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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	5,021.9	5,104.9	5,048.4	18.7	16.7	165.52	-613.5	-185.6	158.7	133.7	25.06	6.334		
5,200.9	5,120.7	5,203.3	5,145.3	19.1	17.1	165.49	-629.6	-190.3	162.1	136.5	25.60	6.332		
5,300.0	5,218.1	5,297.1	5,238.1	19.5	17.3	165.62	-642.5	-194.1	166.5	140.4	26.06	6.388		
5,400.0	5,316.9	5,391.7	5,332.2	19.8	17.5	165.79	-652.4	-197.0	170.6	144.2	26.44	6.453		
5,500.0	5,416.2	5,486.2	5,426.4	20.0	17.7	165.99	-659.4	-199.0	174.6	147.8	26.78	6.520		
5,600.0	5,515.9	5,580.5	5,520.6	20.2	17.8	166.21	-663.4	-200.2	178.3	151.2	27.05	6.590		
5,700.0	5,615.8	5,675.7	5,615.8	20.3	18.0	166.46	-664.5	-200.5	181.7	154.4	27.29	6.660		
5,784.2	5,700.0	5,759.9	5,700.0	20.4	18.1	-0.16	-664.5	-200.5	182.9	145.0	37.94	4.822		
5,800.0	5,715.8	5,775.7	5,715.8	20.5	18.1	-0.16	-664.5	-200.5	182.9	145.0	37.97	4.817		
5,900.0	5,815.8	5,875.7	5,815.8	20.6	18.2	-0.16	-664.5	-200.5	182.9	144.7	38.21	4.788		
6,000.0	5,915.8	5,975.7	5,915.8	20.7	18.4	-0.16	-664.5	-200.5	182.9	144.5	38.45	4.758		
6,100.0	6,015.8	6,075.7	6,015.8	20.8	18.5	-0.16	-664.5	-200.5	182.9	144.2	38.69	4.728		
6,200.0	6,115.8	6,175.7	6,115.8	20.9	18.6	-0.16	-664.5	-200.5	182.9	144.0	38.94	4.698		
6,268.0	6,183.8	6,243.7	6,183.8	21.0	18.7	-0.16	-664.5	-200.5	182.9	143.8	39.10	4.678		
6,300.0	6,215.8	6,275.7	6,215.8	21.0	18.8	-89.71	-664.5	-200.5	182.9	153.7	29.25	6.253		
6,316.3	6,232.0	6,291.9	6,232.0	21.0	18.8	-90.00	-664.5	-200.5	182.9	153.6	29.34	6.235		
6,350.0	6,265.6	6,325.5	6,265.6	21.1	18.8	-90.95	-664.5	-200.5	182.9	153.4	29.56	6.188		
6,400.0	6,315.0	6,374.9	6,315.0	21.1	18.9	-93.23	-664.5	-200.5	183.2	153.2	30.02	6.104		
6,450.0	6,363.8	6,423.7	6,363.8	21.1	19.0	-96.45	-664.5	-200.5	184.2	153.6	30.61	6.016		
6,500.0	6,411.7	6,471.6	6,411.7	21.2	19.0	-100.46	-664.5	-200.5	186.4	155.0	31.32	5.950		
6,550.0	6,458.5	6,518.5	6,458.5	21.2	19.1	-105.03	-664.5	-200.5	190.5	158.4	32.07	5.940		
6,600.0	6,504.0	6,563.9	6,504.0	21.2	19.1	-109.88	-664.5	-200.5	197.3	164.6	32.74	6.027		
6,650.0	6,547.9	6,614.7	6,554.8	21.2	19.2	-115.23	-664.4	-198.7	206.7	173.5	33.26	6.215		
6,700.0	6,590.1	6,667.4	6,607.2	21.2	19.3	-120.15	-664.4	-193.0	217.9	184.5	33.43	6.519		
6,750.0	6,630.2	6,722.3	6,661.1	21.2	19.3	-124.64	-664.3	-183.0	230.6	197.4	33.25	6.936		
6,800.0	6,668.2	6,779.4	6,716.3	21.3	19.4	-128.70	-664.1	-168.3	244.4	211.7	32.74	7.466		
6,850.0	6,703.8	6,839.2	6,772.5	21.3	19.4	-132.33	-663.9	-148.2	258.9	226.9	31.93	8.107		
6,900.0	6,736.9	6,901.8	6,829.4	21.3	19.4	-135.57	-663.6	-122.2	273.6	242.7	30.90	8.855		
6,950.0	6,767.3	6,967.4	6,886.4	21.4	19.4	-138.45	-663.2	-89.8	288.4	258.7	29.71	9.707		
7,000.0	6,794.8	7,036.2	6,942.8	21.4	19.5	-140.97	-662.7	-50.2	302.8	274.4	28.45	10.644		
7,050.0	6,819.4	7,108.4	6,997.5	21.5	19.5	-143.18	-662.2	-3.2	316.6	289.3	27.20	11.637		
7,100.0	6,840.9	7,184.1	7,049.5	21.6	19.5	-145.07	-661.5	51.8	329.3	303.2	26.08	12.626		
7,150.0	6,859.2	7,263.3	7,097.3	21.8	19.6	-146.67	-660.8	114.8	340.7	315.4	25.21	13.515		
7,200.0	6,874.1	7,345.7	7,139.4	22.1	19.8	-147.97	-659.9	185.6	350.4	325.7	24.68	14.198		
7,250.0	6,885.8	7,431.0	7,174.1	22.4	20.1	-148.98	-659.0	263.5	358.3	333.7	24.65	14.536		
7,300.0	6,894.0	7,518.7	7,199.9	22.9	20.8	-149.70	-658.1	347.2	364.1	338.9	25.17	14.463		
7,350.0	6,898.7	7,608.1	7,215.5	23.5	22.0	-150.12	-657.0	435.2	367.5	341.3	26.28	13.986		
7,393.0	6,900.0	7,685.8	7,220.0	24.1	23.3	-150.25	-656.1	512.7	368.6	340.9	27.68	13.314		
7,400.0	6,900.0	7,694.1	7,220.0	24.2	23.4	-150.25	-656.0	521.0	368.6	340.7	27.85	13.235		
7,500.0	6,900.0	7,794.1	7,220.0	25.9	25.3	-150.25	-654.8	621.0	368.6	338.5	30.11	12.241		
7,600.0	6,900.0	7,894.1	7,220.0	27.9	27.4	-150.25	-653.7	721.0	368.6	336.1	32.50	11.341		
7,700.0	6,900.0	7,994.1	7,220.0	30.0	29.6	-150.25	-652.5	821.0	368.6	333.6	34.99	10.533		
7,800.0	6,900.0	8,094.1	7,220.0	32.3	31.9	-150.25	-651.3	921.0	368.6	331.0	37.57	9.810		
7,900.0	6,900.0	8,194.1	7,220.0	34.6	34.3	-150.25	-650.2	1,020.9	368.6	328.4	40.21	9.166		
8,000.0	6,900.0	8,294.1	7,220.0	37.0	36.7	-150.25	-649.0	1,120.9	368.6	325.7	42.91	8.590		
8,100.0	6,900.0	8,394.1	7,220.0	39.5	39.2	-150.25	-647.8	1,220.9	368.6	322.9	45.65	8.074		
8,200.0	6,900.0	8,494.1	7,220.0	42.0	41.7	-150.25	-646.6	1,320.9	368.6	320.2	48.43	7.610		
8,300.0	6,900.0	8,594.1	7,220.0	44.5	44.3	-150.25	-645.5	1,420.9	368.6	317.3	51.24	7.193		
8,400.0	6,900.0	8,694.1	7,220.0	47.1	46.9	-150.25	-644.3	1,520.9	368.6	314.5	54.08	6.816		
8,500.0	6,900.0	8,794.1	7,220.0	49.7	49.5	-150.25	-643.1	1,620.9	368.6	311.6	56.94	6.473		
8,600.0	6,900.0	8,894.1	7,220.0	52.4	52.1	-150.25	-642.0	1,720.9	368.6	308.8	59.82	6.162		
8,700.0	6,900.0	8,994.1	7,220.0	55.0	54.8	-150.25	-640.8	1,820.9	368.6	305.9	62.71	5.877		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
8,800.0	6,900.0	9,094.1	7,220.0	57.7	57.5	-150.25	-639.6	1,920.9	368.6	303.0	65.62	5.617			
8,900.0	6,900.0	9,194.1	7,220.0	60.3	60.1	-150.25	-638.4	2,020.9	368.6	300.0	68.54	5.378			
9,000.0	6,900.0	9,294.1	7,220.0	63.0	62.8	-150.25	-637.3	2,120.9	368.6	297.1	71.47	5.157			
9,100.0	6,900.0	9,394.1	7,220.0	65.7	65.5	-150.25	-636.1	2,220.9	368.6	294.2	74.42	4.953			
9,200.0	6,900.0	9,494.1	7,220.0	68.4	68.2	-150.25	-634.9	2,320.9	368.6	291.2	77.37	4.764			
9,300.0	6,900.0	9,594.1	7,220.0	71.1	71.0	-150.25	-633.7	2,420.8	368.6	288.3	80.32	4.589			
9,400.0	6,900.0	9,694.1	7,220.0	73.8	73.7	-150.25	-632.6	2,520.8	368.6	285.3	83.29	4.425			
9,500.0	6,900.0	9,794.1	7,220.0	76.5	76.4	-150.25	-631.4	2,620.8	368.6	282.3	86.26	4.273			
9,600.0	6,900.0	9,894.1	7,220.0	79.3	79.1	-150.25	-630.2	2,720.8	368.6	279.3	89.24	4.130			
9,700.0	6,900.0	9,994.1	7,220.0	82.0	81.9	-150.25	-629.1	2,820.8	368.6	276.4	92.22	3.997			
9,800.0	6,900.0	10,094.1	7,220.0	84.8	84.6	-150.25	-627.9	2,920.8	368.6	273.4	95.20	3.871			
9,900.0	6,900.0	10,194.1	7,220.0	87.5	87.4	-150.25	-626.7	3,020.8	368.6	270.4	98.19	3.754			
10,000.0	6,900.0	10,294.1	7,220.0	90.2	90.1	-150.25	-625.5	3,120.8	368.6	267.4	101.19	3.643			
10,100.0	6,900.0	10,394.1	7,220.0	93.0	92.9	-150.25	-624.4	3,220.8	368.6	264.4	104.18	3.538			
10,200.0	6,900.0	10,494.1	7,220.0	95.7	95.6	-150.25	-623.2	3,320.8	368.6	261.4	107.18	3.439			
10,300.0	6,900.0	10,594.1	7,220.0	98.5	98.4	-150.25	-622.0	3,420.8	368.6	258.4	110.19	3.345			
10,400.0	6,900.0	10,694.1	7,220.0	101.3	101.1	-150.25	-620.9	3,520.8	368.6	255.4	113.19	3.256			
10,500.0	6,900.0	10,794.1	7,220.0	104.0	103.9	-150.25	-619.7	3,620.8	368.6	252.4	116.20	3.172			
10,600.0	6,900.0	10,894.1	7,220.0	106.8	106.7	-150.25	-618.5	3,720.8	368.6	249.4	119.21	3.092			
10,700.0	6,900.0	10,994.1	7,220.0	109.6	109.4	-150.25	-617.3	3,820.8	368.6	246.4	122.22	3.016			
10,800.0	6,900.0	11,094.1	7,220.0	112.3	112.2	-150.25	-616.2	3,920.7	368.6	243.3	125.24	2.943			
10,900.0	6,900.0	11,194.1	7,220.0	115.1	115.0	-150.25	-615.0	4,020.7	368.6	240.3	128.25	2.874			
11,000.0	6,900.0	11,294.1	7,220.0	117.9	117.7	-150.25	-613.8	4,120.7	368.6	237.3	131.27	2.808			
11,100.0	6,900.0	11,394.1	7,220.0	120.6	120.5	-150.25	-612.7	4,220.7	368.6	234.3	134.29	2.745			
11,200.0	6,900.0	11,494.1	7,220.0	123.4	123.3	-150.25	-611.5	4,320.7	368.6	231.3	137.31	2.684			
11,300.0	6,900.0	11,594.1	7,220.0	126.2	126.1	-150.25	-610.3	4,420.7	368.6	228.2	140.33	2.626			
11,400.0	6,900.0	11,694.1	7,220.0	129.0	128.8	-150.25	-609.1	4,520.7	368.6	225.2	143.35	2.571			
11,466.9	6,900.0	11,760.9	7,220.0	130.8	130.7	-150.25	-608.4	4,587.6	368.6	223.2	145.38	2.535 SF			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)													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		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	40.1	0.0	40.1	39.8	0.22	178.255		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	40.1	0.0	40.1	39.4	0.67	59.418		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	40.1	0.0	40.1	38.9	1.12	35.651		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	40.1	0.0	40.1	38.5	1.57	25.465		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	40.1	0.0	40.1	38.0	2.02	19.806		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	40.1	0.0	40.1	37.6	2.47	16.205		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	40.1	0.0	40.1	37.1	2.92	13.712		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	40.1	0.0	40.1	36.7	3.37	11.884 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	167.13	40.1	0.0	41.3	37.5	3.79	10.894		
1,000.0	999.9	999.9	999.9	2.1	2.1	168.23	40.1	0.0	45.2	41.0	4.20	10.756		
1,100.0	1,099.7	1,099.7	1,099.7	2.3	2.4	169.69	40.1	0.0	51.6	47.0	4.61	11.185		
1,200.0	1,199.3	1,199.3	1,199.3	2.5	2.6	171.22	40.1	0.0	60.6	55.6	5.03	12.048		
1,300.0	1,298.6	1,300.4	1,300.4	2.7	2.8	172.40	38.8	-0.4	71.0	65.6	5.43	13.080		
1,400.0	1,397.5	1,401.8	1,401.7	3.0	3.0	173.10	35.0	-1.7	81.4	75.6	5.80	14.025		
1,500.0	1,496.1	1,503.5	1,503.2	3.3	3.2	173.46	28.7	-3.9	91.8	85.6	6.19	14.829		
1,577.7	1,572.3	1,582.8	1,582.1	3.5	3.3	173.58	21.9	-6.2	99.9	93.4	6.50	15.368		
1,600.0	1,594.2	1,605.5	1,604.8	3.6	3.4	173.60	19.7	-7.0	102.2	95.6	6.60	15.494		
1,700.0	1,692.1	1,708.0	1,706.5	4.0	3.6	173.47	8.2	-11.0	110.7	103.7	7.02	15.765		
1,800.0	1,790.0	1,810.8	1,808.2	4.3	3.8	173.07	-6.0	-15.9	116.6	109.2	7.47	15.620		
1,900.0	1,888.0	1,911.1	1,907.1	4.7	4.1	172.55	-21.4	-21.2	120.9	113.0	7.92	15.267		
2,000.0	1,985.9	2,011.0	2,005.7	5.1	4.4	172.06	-36.8	-26.4	125.2	116.8	8.39	14.931		
2,100.0	2,083.8	2,110.9	2,104.3	5.5	4.7	171.60	-52.1	-31.7	129.5	120.7	8.86	14.620		
2,200.0	2,181.8	2,210.8	2,202.8	6.0	5.0	171.17	-67.5	-37.0	133.8	124.5	9.34	14.326		
2,300.0	2,279.7	2,310.7	2,301.4	6.4	5.3	170.77	-82.8	-42.3	138.2	128.3	9.83	14.051		
2,400.0	2,377.7	2,410.6	2,400.0	6.8	5.7	170.39	-98.2	-47.6	142.5	132.2	10.33	13.795		
2,500.0	2,475.6	2,510.5	2,498.6	7.2	6.0	170.04	-113.5	-52.9	146.8	136.0	10.83	13.556		
2,600.0	2,573.5	2,610.4	2,597.1	7.7	6.3	169.71	-128.9	-58.1	151.1	139.8	11.34	13.332		
2,700.0	2,671.5	2,710.3	2,695.7	8.1	6.7	169.39	-144.2	-63.4	155.5	143.6	11.85	13.122		
2,800.0	2,769.4	2,810.2	2,794.3	8.5	7.0	169.09	-159.6	-68.7	159.8	147.5	12.37	12.926		
2,900.0	2,867.3	2,910.1	2,892.9	9.0	7.4	168.81	-174.9	-74.0	164.2	151.3	12.89	12.742		
3,000.0	2,965.3	3,010.0	2,991.4	9.4	7.8	168.54	-190.3	-79.3	168.5	155.1	13.41	12.569		
3,100.0	3,063.2	3,109.9	3,090.0	9.8	8.1	168.29	-205.6	-84.6	172.9	158.9	13.94	12.406		
3,200.0	3,161.1	3,209.8	3,188.6	10.3	8.5	168.04	-221.0	-89.8	177.2	162.8	14.46	12.253		
3,300.0	3,259.1	3,309.7	3,287.2	10.7	8.8	167.81	-236.3	-95.1	181.6	166.6	15.00	12.109		
3,400.0	3,357.0	3,409.6	3,385.7	11.1	9.2	167.59	-251.7	-100.4	186.0	170.4	15.53	11.973		
3,500.0	3,454.9	3,509.5	3,484.3	11.6	9.6	167.38	-267.0	-105.7	190.3	174.3	16.07	11.844		
3,600.0	3,552.9	3,609.4	3,582.9	12.0	9.9	167.18	-282.4	-111.0	194.7	178.1	16.61	11.723		
3,700.0	3,650.8	3,709.3	3,681.5	12.5	10.3	166.99	-297.7	-116.3	199.1	181.9	17.15	11.608		
3,800.0	3,748.7	3,809.2	3,780.0	12.9	10.7	166.81	-313.1	-121.5	203.4	185.8	17.69	11.498		
3,900.0	3,846.7	3,909.1	3,878.6	13.4	11.1	166.63	-328.4	-126.8	207.8	189.6	18.24	11.395		
4,000.0	3,944.6	4,009.0	3,977.2	13.8	11.4	166.47	-343.8	-132.1	212.2	193.4	18.78	11.296		
4,100.0	4,042.5	4,108.9	4,075.8	14.2	11.8	166.30	-359.1	-137.4	216.6	197.2	19.33	11.202		
4,200.0	4,140.5	4,208.8	4,174.3	14.7	12.2	166.15	-374.5	-142.7	221.0	201.1	19.88	11.113		
4,300.0	4,238.4	4,308.7	4,272.9	15.1	12.6	166.00	-389.9	-148.0	225.3	204.9	20.43	11.028		
4,400.0	4,336.3	4,408.6	4,371.5	15.6	12.9	165.86	-405.2	-153.3	229.7	208.7	20.99	10.947		
4,500.0	4,434.3	4,508.5	4,470.1	16.0	13.3	165.72	-420.6	-158.5	234.1	212.6	21.54	10.869		
4,600.0	4,532.2	4,608.4	4,568.6	16.5	13.7	165.59	-435.9	-163.8	238.5	216.4	22.09	10.795		
4,700.0	4,630.1	4,708.3	4,667.2	16.9	14.1	165.46	-451.3	-169.1	242.9	220.2	22.65	10.724		
4,800.0	4,728.1	4,808.2	4,765.8	17.4	14.4	165.34	-466.6	-174.4	247.3	224.1	23.20	10.656		
4,900.0	4,826.0	4,908.1	4,864.3	17.8	14.8	165.22	-482.0	-179.7	251.7	227.9	23.76	10.591		
5,000.0	4,923.9	5,008.0	4,962.9	18.2	15.2	165.10	-497.3	-185.0	256.1	231.7	24.32	10.528		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error: 0.0 ft	
Survey Program: 0-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,100.0	5,021.9	5,105.7	5,059.3	18.7	15.6	165.00	-512.2	-190.1	260.6	235.7	24.86	10.480		
5,200.9	5,120.7	5,200.0	5,152.7	19.1	15.8	165.09	-524.4	-194.3	267.4	242.1	25.34	10.552		
5,300.0	5,218.1	5,289.0	5,241.3	19.5	16.0	165.33	-533.3	-197.3	275.4	249.7	25.78	10.685		
5,400.0	5,316.9	5,380.4	5,332.4	19.8	16.2	165.60	-539.7	-199.5	283.2	257.0	26.15	10.830		
5,500.0	5,416.2	5,471.5	5,423.4	20.0	16.3	165.90	-543.3	-200.8	290.5	264.0	26.46	10.978		
5,600.0	5,515.9	5,564.0	5,515.9	20.2	16.5	166.22	-544.2	-201.1	297.4	270.7	26.74	11.124		
5,700.0	5,615.8	5,663.9	5,615.8	20.3	16.6	166.45	-544.2	-201.1	302.0	275.0	26.99	11.189		
5,784.2	5,700.0	5,748.1	5,700.0	20.4	16.7	-0.21	-544.2	-201.1	303.2	266.6	36.54	8.297		
5,800.0	5,715.8	5,763.9	5,715.8	20.5	16.8	-0.21	-544.2	-201.1	303.2	266.6	36.58	8.288		
5,900.0	5,815.8	5,863.9	5,815.8	20.6	16.9	-0.21	-544.2	-201.1	303.2	266.3	36.83	8.232		
6,000.0	5,915.8	5,963.9	5,915.8	20.7	17.0	-0.21	-544.2	-201.1	303.2	266.1	37.08	8.176		
6,100.0	6,015.8	6,063.9	6,015.8	20.8	17.2	-0.21	-544.2	-201.1	303.2	265.8	37.34	8.120		
6,200.0	6,115.8	6,163.9	6,115.8	20.9	17.3	-0.21	-544.2	-201.1	303.2	265.6	37.60	8.064		
6,268.0	6,183.8	6,231.9	6,183.8	21.0	17.4	-0.21	-544.2	-201.1	303.2	265.4	37.77	8.026		
6,300.0	6,215.8	6,263.8	6,215.7	21.0	17.5	-89.54	-544.2	-200.4	303.2	274.2	28.97	10.464		
6,350.0	6,265.6	6,313.6	6,265.3	21.1	17.5	-89.54	-544.2	-196.4	303.2	274.1	29.11	10.413		
6,400.0	6,315.0	6,363.4	6,314.6	21.1	17.6	-89.54	-544.1	-189.1	303.2	273.9	29.23	10.372		
6,450.0	6,363.8	6,413.3	6,363.2	21.1	17.6	-89.55	-544.0	-178.3	303.2	273.8	29.32	10.339		
6,500.0	6,411.7	6,463.1	6,411.0	21.2	17.6	-89.56	-543.8	-164.1	303.2	273.8	29.40	10.313		
6,550.0	6,458.5	6,513.0	6,457.7	21.2	17.7	-89.57	-543.6	-146.7	303.2	273.7	29.46	10.291		
6,600.0	6,504.0	6,562.8	6,503.0	21.2	17.7	-89.58	-543.4	-126.0	303.2	273.6	29.53	10.268		
6,650.0	6,547.9	6,612.7	6,546.9	21.2	17.7	-89.60	-543.1	-102.3	303.2	273.6	29.61	10.239		
6,700.0	6,590.1	6,662.5	6,588.9	21.2	17.7	-89.62	-542.8	-75.5	303.2	273.4	29.72	10.200		
6,750.0	6,630.2	6,712.4	6,629.0	21.2	17.7	-89.64	-542.4	-45.9	303.2	273.3	29.89	10.143		
6,800.0	6,668.2	6,762.2	6,667.0	21.3	17.8	-89.66	-542.0	-13.6	303.2	273.0	30.13	10.062		
6,850.0	6,703.8	6,812.1	6,702.6	21.3	17.8	-89.68	-541.6	21.3	303.2	272.7	30.47	9.950		
6,900.0	6,736.9	6,862.0	6,735.7	21.3	17.8	-89.70	-541.2	58.6	303.2	272.2	30.92	9.803		
6,950.0	6,767.3	6,911.9	6,766.1	21.4	17.9	-89.73	-540.7	98.1	303.2	271.6	31.52	9.618		
7,000.0	6,794.8	6,961.8	6,793.7	21.4	17.9	-89.76	-540.2	139.7	303.2	270.9	32.27	9.393		
7,050.0	6,819.4	7,011.7	6,818.4	21.5	18.1	-89.79	-539.7	183.1	303.2	270.0	33.20	9.132		
7,100.0	6,840.9	7,061.7	6,840.0	21.6	18.3	-89.81	-539.2	228.1	303.2	268.9	34.29	8.841		
7,150.0	6,859.2	7,111.6	6,858.4	21.8	18.7	-89.84	-538.7	274.5	303.2	267.6	35.56	8.525		
7,200.0	6,874.1	7,161.5	6,873.5	22.1	19.2	-89.88	-538.1	322.1	303.2	266.2	36.99	8.195		
7,250.0	6,885.8	7,211.5	6,885.3	22.4	19.9	-89.91	-537.5	370.6	303.2	264.6	38.58	7.858		
7,300.0	6,894.0	7,261.5	6,893.6	22.9	20.7	-89.94	-537.0	419.9	303.1	262.8	40.30	7.522		
7,350.0	6,898.7	7,311.5	6,898.6	23.5	21.5	-89.97	-536.4	469.6	303.1	261.0	42.14	7.194		
7,393.0	6,900.0	7,354.5	6,900.0	24.1	22.3	-90.00	-535.9	512.6	303.1	259.4	43.79	6.923		
7,400.0	6,900.0	7,361.4	6,900.0	24.2	22.5	-90.00	-535.8	519.6	303.1	259.1	44.07	6.879		
7,500.0	6,900.0	7,461.4	6,900.0	25.9	24.5	-90.00	-534.6	619.6	303.1	255.0	48.18	6.291		
7,600.0	6,900.0	7,561.4	6,900.0	27.9	26.7	-90.00	-533.4	719.6	303.1	250.6	52.56	5.767		
7,700.0	6,900.0	7,661.4	6,900.0	30.0	28.9	-90.00	-532.3	819.6	303.1	246.0	57.16	5.304		
7,800.0	6,900.0	7,761.4	6,900.0	32.3	31.3	-90.00	-531.1	919.5	303.1	241.2	61.92	4.896		
7,900.0	6,900.0	7,861.4	6,900.0	34.6	33.7	-90.00	-529.9	1,019.5	303.1	236.3	66.81	4.537		
8,000.0	6,900.0	7,961.4	6,900.0	37.0	36.2	-90.00	-528.8	1,119.5	303.1	231.3	71.81	4.221		
8,100.0	6,900.0	8,061.4	6,900.0	39.5	38.7	-90.00	-527.6	1,219.5	303.1	226.2	76.90	3.942		
8,200.0	6,900.0	8,161.4	6,900.0	42.0	41.3	-90.00	-526.4	1,319.5	303.1	221.1	82.05	3.695		
8,300.0	6,900.0	8,261.4	6,900.0	44.5	43.9	-90.00	-525.2	1,419.5	303.1	215.9	87.26	3.474		
8,400.0	6,900.0	8,361.4	6,900.0	47.1	46.5	-90.00	-524.1	1,519.5	303.1	210.6	92.51	3.277		
8,500.0	6,900.0	8,461.4	6,900.0	49.7	49.1	-90.00	-522.9	1,619.5	303.1	205.3	97.81	3.099		
8,600.0	6,900.0	8,561.4	6,900.0	52.4	51.8	-90.00	-521.7	1,719.5	303.1	200.0	103.14	2.939		
8,700.0	6,900.0	8,661.4	6,900.0	55.0	54.5	-90.00	-520.6	1,819.5	303.1	194.6	108.49	2.794		
8,800.0	6,900.0	8,761.4	6,900.0	57.7	57.1	-90.00	-519.4	1,919.5	303.1	189.3	113.87	2.662		

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 Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)													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 (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,900.0	6,900.0	8,861.4	6,900.0	60.3	59.8	-90.00	-518.2	2,019.5	303.1	183.9	119.28	2.541		
9,000.0	6,900.0	8,961.4	6,900.0	63.0	62.5	-90.00	-517.0	2,119.5	303.1	178.4	124.70	2.431		
9,100.0	6,900.0	9,061.4	6,900.0	65.7	65.2	-90.00	-515.9	2,219.5	303.1	173.0	130.13	2.329		
9,200.0	6,900.0	9,161.4	6,900.0	68.4	68.0	-90.00	-514.7	2,319.4	303.1	167.5	135.58	2.236		
9,300.0	6,900.0	9,261.4	6,900.0	71.1	70.7	-90.00	-513.5	2,419.4	303.1	162.1	141.05	2.149		
9,400.0	6,900.0	9,361.4	6,900.0	73.8	73.4	-90.00	-512.4	2,519.4	303.1	156.6	146.52	2.069		
9,500.0	6,900.0	9,461.4	6,900.0	76.5	76.2	-90.00	-511.2	2,619.4	303.1	151.1	152.01	1.994		
9,600.0	6,900.0	9,561.4	6,900.0	79.3	78.9	-90.00	-510.0	2,719.4	303.1	145.6	157.50	1.925		
9,700.0	6,900.0	9,661.4	6,900.0	82.0	81.6	-90.00	-508.8	2,819.4	303.1	140.1	163.00	1.860		
9,800.0	6,900.0	9,761.4	6,900.0	84.8	84.4	-90.00	-507.7	2,919.4	303.1	134.6	168.51	1.799		
9,900.0	6,900.0	9,861.4	6,900.0	87.5	87.1	-90.00	-506.5	3,019.4	303.1	129.1	174.02	1.742		
10,000.0	6,900.0	9,961.4	6,900.0	90.2	89.9	-90.00	-505.3	3,119.4	303.1	123.6	179.54	1.688		
10,100.0	6,900.0	10,061.4	6,900.0	93.0	92.7	-90.00	-504.2	3,219.4	303.1	118.0	185.07	1.638		
10,200.0	6,900.0	10,161.4	6,900.0	95.7	95.4	-90.00	-503.0	3,319.4	303.1	112.5	190.60	1.590		
10,300.0	6,900.0	10,261.4	6,900.0	98.5	98.2	-90.00	-501.8	3,419.4	303.1	107.0	196.14	1.545		
10,400.0	6,900.0	10,361.4	6,900.0	101.3	101.0	-90.00	-500.6	3,519.4	303.1	101.4	201.68	1.503		
10,500.0	6,900.0	10,461.4	6,900.0	104.0	103.7	-90.00	-499.5	3,619.4	303.1	95.9	207.22	1.463 Level 3		
10,600.0	6,900.0	10,561.4	6,900.0	106.8	106.5	-90.00	-498.3	3,719.4	303.1	90.3	212.77	1.425 Level 3		
10,700.0	6,900.0	10,661.4	6,900.0	109.6	109.3	-90.00	-497.1	3,819.3	303.1	84.8	218.32	1.388 Level 3		
10,800.0	6,900.0	10,761.4	6,900.0	112.3	112.0	-90.00	-496.0	3,919.3	303.1	79.2	223.87	1.354 Level 3		
10,900.0	6,900.0	10,861.4	6,900.0	115.1	114.8	-90.00	-494.8	4,019.3	303.1	73.7	229.43	1.321 Level 3		
11,000.0	6,900.0	10,961.4	6,900.0	117.9	117.6	-90.00	-493.6	4,119.3	303.1	68.1	234.98	1.290 Level 3		
11,100.0	6,900.0	11,061.4	6,900.0	120.6	120.4	-90.00	-492.4	4,219.3	303.1	62.6	240.55	1.260 Level 3		
11,200.0	6,900.0	11,161.4	6,900.0	123.4	123.1	-90.00	-491.3	4,319.3	303.1	57.0	246.11	1.232 Level 2		
11,300.0	6,900.0	11,261.4	6,900.0	126.2	125.9	-90.00	-490.1	4,419.3	303.1	51.4	251.67	1.204 Level 2		
11,400.0	6,900.0	11,361.4	6,900.0	129.0	128.7	-90.00	-488.9	4,519.3	303.1	45.9	257.24	1.178 Level 2		
11,466.9	6,900.0	11,428.3	6,900.0	130.8	130.3	-90.00	-488.1	4,586.2	303.1	42.4	260.68	1.163 Level 2, SF		

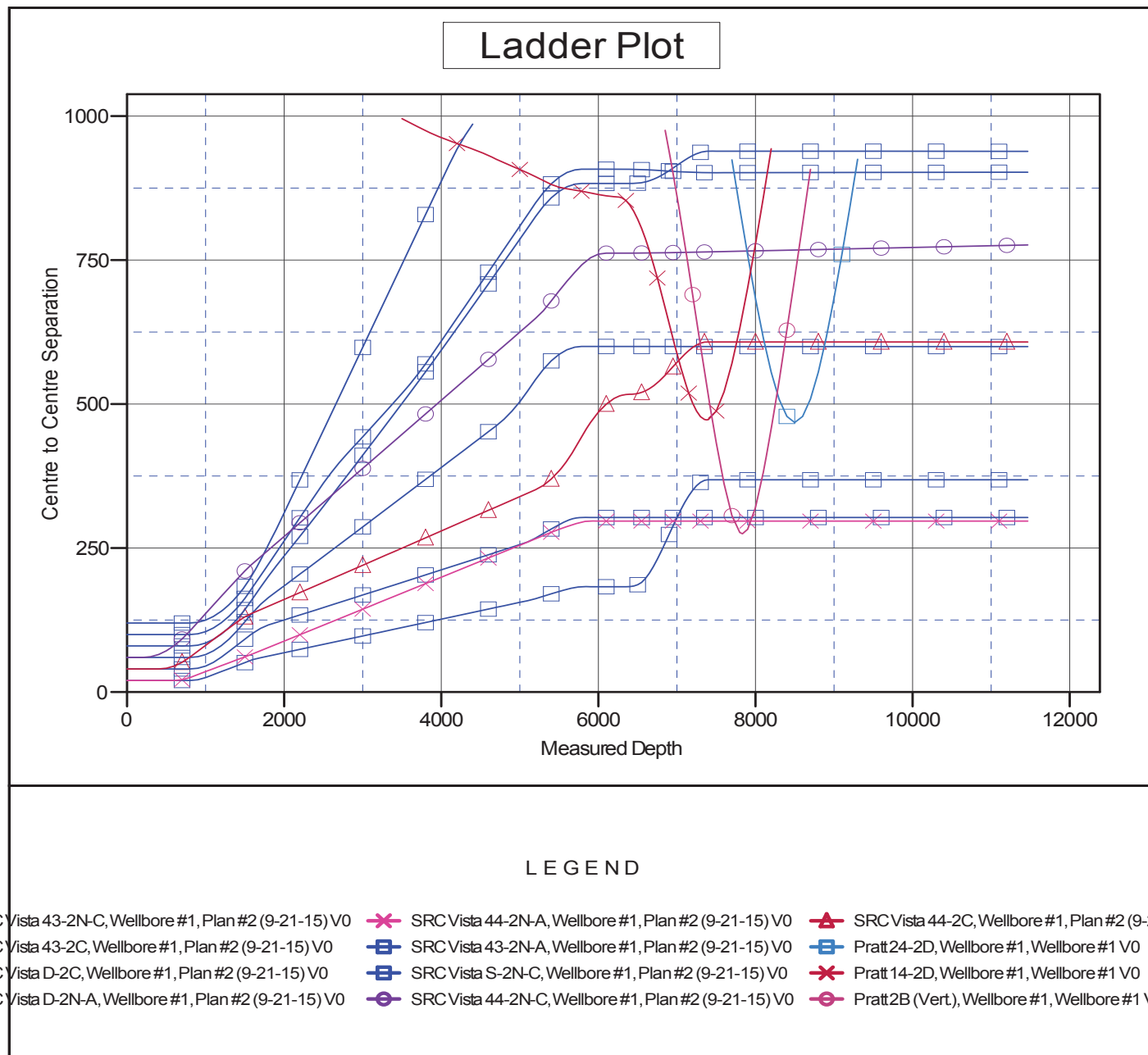
Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.01	119.8	0.0	119.8					
100.0	100.0	100.0	100.0	0.1	0.1	0.01	119.8	0.0	119.8	119.6	0.22	533.200		
200.0	200.0	200.0	200.0	0.3	0.3	0.01	119.8	0.0	119.8	119.2	0.67	177.733		
300.0	300.0	300.0	300.0	0.6	0.6	0.01	119.8	0.0	119.8	118.7	1.12	106.640		
400.0	400.0	400.0	400.0	0.8	0.8	0.01	119.8	0.0	119.8	118.3	1.57	76.171		
500.0	500.0	500.0	500.0	1.0	1.0	0.01	119.8	0.0	119.8	117.8	2.02	59.244		
600.0	600.0	600.0	600.0	1.2	1.2	0.01	119.8	0.0	119.8	117.4	2.47	48.473		
700.0	700.0	700.0	700.0	1.5	1.5	0.01	119.8	0.0	119.8	116.9	2.92	41.015		
800.0	800.0	800.0	800.0	1.7	1.7	0.01	119.8	0.0	119.8	116.5	3.37	35.547 CC, ES		
900.0	900.0	900.0	900.0	1.9	1.9	166.86	119.8	0.0	121.1	117.3	3.79	31.916		
1,000.0	999.9	999.9	999.9	2.1	2.1	167.25	119.8	0.0	124.9	120.7	4.20	29.749		
1,100.0	1,099.7	1,099.7	1,099.7	2.3	2.4	167.86	119.8	0.0	131.3	126.7	4.61	28.469		
1,200.0	1,199.3	1,199.3	1,199.3	2.5	2.6	168.62	119.8	0.0	140.3	135.3	5.03	27.879		
1,300.0	1,298.6	1,298.6	1,298.6	2.7	2.8	169.47	119.8	0.0	151.8	146.4	5.46	27.834 SF		
1,400.0	1,397.5	1,397.5	1,397.5	3.0	3.0	170.34	119.8	0.0	166.0	160.1	5.88	28.223		
1,500.0	1,496.1	1,493.0	1,493.0	3.3	3.2	170.90	120.7	-0.7	183.5	177.2	6.30	29.125		
1,577.7	1,572.3	1,566.3	1,566.3	3.5	3.4	170.99	122.6	-2.4	200.1	193.4	6.63	30.183		
1,600.0	1,594.2	1,587.3	1,587.2	3.6	3.4	170.98	123.3	-3.0	205.2	198.5	6.72	30.516		
1,700.0	1,692.1	1,680.6	1,680.3	4.0	3.7	170.69	127.6	-6.8	229.4	222.2	7.16	32.017		
1,800.0	1,790.0	1,773.0	1,772.4	4.3	3.9	170.08	133.5	-12.0	255.2	247.6	7.61	33.526		
1,900.0	1,888.0	1,864.5	1,863.4	4.7	4.1	169.25	141.0	-18.7	282.7	274.6	8.07	35.034		
2,000.0	1,985.9	1,959.8	1,957.9	5.1	4.3	168.36	149.8	-26.5	311.2	302.7	8.54	36.432		
2,100.0	2,083.8	2,055.5	2,052.9	5.5	4.6	167.62	158.7	-34.3	339.8	330.8	9.02	37.670		
2,200.0	2,181.8	2,151.2	2,147.9	6.0	4.8	166.98	167.6	-42.1	368.4	358.9	9.51	38.743		
2,300.0	2,279.7	2,247.0	2,242.9	6.4	5.1	166.44	176.5	-50.0	397.1	387.1	10.00	39.702		
2,400.0	2,377.7	2,342.7	2,337.9	6.8	5.4	165.98	185.4	-57.8	425.8	415.3	10.50	40.552		
2,500.0	2,475.6	2,438.4	2,432.9	7.2	5.6	165.57	194.3	-65.6	454.6	443.6	11.00	41.310		
2,600.0	2,573.5	2,534.2	2,527.9	7.7	5.9	165.21	203.1	-73.5	483.3	471.8	11.51	41.989		
2,700.0	2,671.5	2,629.9	2,622.9	8.1	6.2	164.89	212.0	-81.3	512.1	500.1	12.02	42.600		
2,800.0	2,769.4	2,725.6	2,717.9	8.5	6.5	164.60	220.9	-89.2	540.9	528.4	12.53	43.151		
2,900.0	2,867.3	2,821.4	2,812.9	9.0	6.7	164.35	229.8	-97.0	569.7	556.6	13.05	43.652		
3,000.0	2,965.3	2,917.1	2,907.9	9.4	7.0	164.12	238.7	-104.8	598.5	584.9	13.57	44.108		
3,100.0	3,063.2	3,012.8	3,002.9	9.8	7.3	163.91	247.6	-112.7	627.3	613.2	14.09	44.524		
3,200.0	3,161.1	3,108.6	3,097.9	10.3	7.6	163.71	256.5	-120.5	656.1	641.5	14.61	44.906		
3,300.0	3,259.1	3,204.3	3,192.9	10.7	7.9	163.54	265.3	-128.3	684.9	669.8	15.13	45.256		
3,400.0	3,357.0	3,300.0	3,287.9	11.1	8.2	163.38	274.2	-136.2	713.8	698.1	15.66	45.580		
3,500.0	3,454.9	3,395.8	3,382.9	11.6	8.5	163.23	283.1	-144.0	742.6	726.4	16.19	45.878		
3,600.0	3,552.9	3,491.5	3,477.9	12.0	8.8	163.09	292.0	-151.9	771.4	754.7	16.71	46.155		
3,700.0	3,650.8	3,587.3	3,572.9	12.5	9.1	162.96	300.9	-159.7	800.3	783.0	17.24	46.412		
3,800.0	3,748.7	3,683.0	3,667.9	12.9	9.4	162.84	309.8	-167.5	829.1	811.4	17.77	46.652		
3,900.0	3,846.7	3,778.7	3,762.9	13.4	9.7	162.73	318.7	-175.4	858.0	839.7	18.30	46.875		
4,000.0	3,944.6	3,874.5	3,857.9	13.8	9.9	162.63	327.5	-183.2	886.8	868.0	18.84	47.084		
4,100.0	4,042.5	3,972.7	3,955.4	14.2	10.3	162.53	336.6	-191.2	915.7	896.3	19.37	47.272		
4,200.0	4,140.5	4,102.3	4,084.3	14.7	10.5	162.53	346.1	-199.6	942.6	922.7	19.90	47.365		
4,300.0	4,238.4	4,234.2	4,216.1	15.1	10.8	162.77	351.3	-204.2	965.9	945.5	20.40	47.354		
4,400.0	4,336.3	4,354.5	4,336.3	15.6	11.0	163.15	352.2	-205.0	986.0	965.1	20.87	47.253		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 5013.5ft (Ensign 131 RKB -
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: SRC Vista D-2N-C
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.34°



Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista D-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista D-2N-C	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	US_EDM
Reference Design:	Plan #2 (9-21-15)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 5013.5ft (Ensign 131 RKB -
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: SRC Vista D-2N-C
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.34°

