

Synergy Resources

Well Name: **SRC Vista 44-2N-A**

Surface Location: SRC Vista Pad Sec.2-T4N-R68W

North American Datum 1983 , US State Plane 1983, Colorado Northern Zone

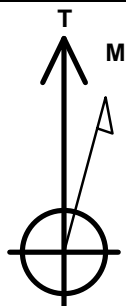
Ground Elevation: 5000.0

+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1367576.85 3145255.61 40.341228 -104.978904

Ensign 131 RKB - 13.5' WELL @ 5013.5ft (Ensign 131 RKB - 13.5')

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2083'FSL & 254'FWL	1.0	0.0	0.0	Point
BHL 975'FSL & 460'FEL	6900.0	-1068.1	4590.6	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

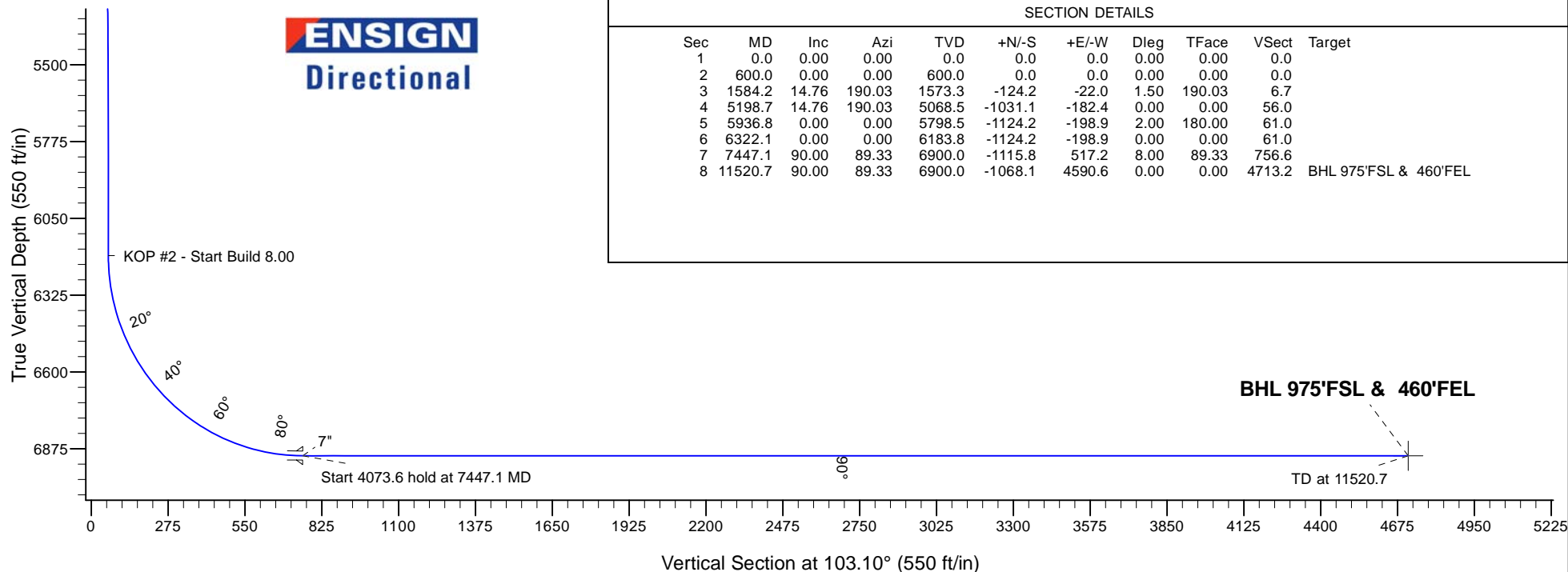
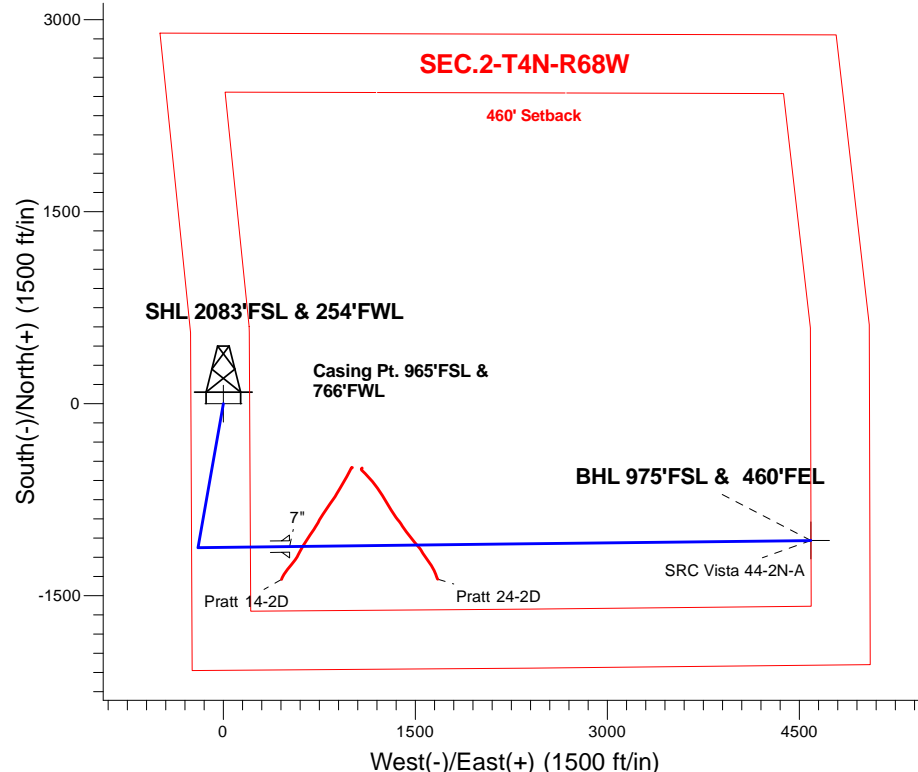
SRC Vista 44-2N-A

Plan #2 (9-21-15)

18:09, September 21 2015

ANNOTATIONS

TVD	MD	Annotation
600.0	600.0	KOP - Start Build 1.50
5068.5	5198.7	Start Drop -2.00
6183.8	6322.1	KOP #2 - Start Build 8.00
6900.0	7447.1	Start 4073.6 hold at 7447.1 MD
6900.0	11520.7	TD at 11520.7



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1584.2	14.76	190.03	1573.3	-124.2	-22.0	1.50	190.03	6.7	
4	5198.7	14.76	190.03	5068.5	-1031.1	-182.4	0.00	0.00	56.0	
5	5936.8	0.00	0.00	5798.5	-1124.2	-198.9	2.00	180.00	61.0	
6	6322.1	0.00	0.00	6183.8	-1124.2	-198.9	0.00	0.00	61.0	
7	7447.1	90.00	89.33	6900.0	-1115.8	517.2	8.00	89.33	756.6	
8	11520.7	90.00	89.33	6900.0	-1068.1	4590.6	0.00	0.00	4713.2	BHL 975'FSL & 460'FEL



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 44-2N-A

Wellbore #1

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

Standard Planning Report

21 September, 2015



Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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 44-2N-A			
Well Position	+N/-S	40.1 ft	Northing:	1,367,576.85 usft
	+E/-W	0.0 ft	Easting:	3,145,255.61 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)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	103.10

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	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,584.2	14.76	190.03	1,573.3	-124.2	-22.0	1.50	1.50	0.00	190.03	
5,198.7	14.76	190.03	5,068.5	-1,031.1	-182.4	0.00	0.00	0.00	0.00	
5,936.8	0.00	0.00	5,798.5	-1,124.2	-198.9	2.00	-2.00	0.00	180.00	
6,322.1	0.00	0.00	6,183.8	-1,124.2	-198.9	0.00	0.00	0.00	0.00	
7,447.1	90.00	89.33	6,900.0	-1,115.8	517.2	8.00	8.00	0.00	89.33	
11,520.7	90.00	89.33	6,900.0	-1,068.1	4,590.6	0.00	0.00	0.00	0.00	BHL 975'FSL & 460°F

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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 2083'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
KOP - Start Build 1.50									
700.0	1.50	190.03	700.0	-1.3	-0.2	0.1	1.50	1.50	0.00
800.0	3.00	190.03	799.9	-5.2	-0.9	0.3	1.50	1.50	0.00
900.0	4.50	190.03	899.7	-11.6	-2.1	0.6	1.50	1.50	0.00
1,000.0	6.00	190.03	999.3	-20.6	-3.6	1.1	1.50	1.50	0.00
1,100.0	7.50	190.03	1,098.6	-32.2	-5.7	1.7	1.50	1.50	0.00
1,200.0	9.00	190.03	1,197.5	-46.3	-8.2	2.5	1.50	1.50	0.00
1,300.0	10.50	190.03	1,296.1	-63.0	-11.1	3.4	1.50	1.50	0.00
1,400.0	12.00	190.03	1,394.2	-82.2	-14.5	4.5	1.50	1.50	0.00
1,500.0	13.50	190.03	1,491.7	-103.9	-18.4	5.6	1.50	1.50	0.00
1,584.2	14.76	190.03	1,573.3	-124.2	-22.0	6.7	1.50	1.50	0.00
1,600.0	14.76	190.03	1,588.6	-128.1	-22.7	7.0	0.00	0.00	0.00
1,700.0	14.76	190.03	1,685.3	-153.2	-27.1	8.3	0.00	0.00	0.00
1,800.0	14.76	190.03	1,782.0	-178.3	-31.5	9.7	0.00	0.00	0.00
1,900.0	14.76	190.03	1,878.7	-203.4	-36.0	11.0	0.00	0.00	0.00
2,000.0	14.76	190.03	1,975.4	-228.5	-40.4	12.4	0.00	0.00	0.00
2,100.0	14.76	190.03	2,072.1	-253.6	-44.9	13.8	0.00	0.00	0.00
2,200.0	14.76	190.03	2,168.8	-278.7	-49.3	15.1	0.00	0.00	0.00
2,300.0	14.76	190.03	2,265.5	-303.8	-53.7	16.5	0.00	0.00	0.00
2,400.0	14.76	190.03	2,362.2	-328.9	-58.2	17.9	0.00	0.00	0.00
2,500.0	14.76	190.03	2,458.9	-354.0	-62.6	19.2	0.00	0.00	0.00
2,600.0	14.76	190.03	2,555.6	-379.0	-67.1	20.6	0.00	0.00	0.00
2,700.0	14.76	190.03	2,652.3	-404.1	-71.5	21.9	0.00	0.00	0.00
2,800.0	14.76	190.03	2,749.0	-429.2	-75.9	23.3	0.00	0.00	0.00
2,900.0	14.76	190.03	2,845.7	-454.3	-80.4	24.7	0.00	0.00	0.00
3,000.0	14.76	190.03	2,942.4	-479.4	-84.8	26.0	0.00	0.00	0.00
3,100.0	14.76	190.03	3,039.1	-504.5	-89.3	27.4	0.00	0.00	0.00
3,200.0	14.76	190.03	3,135.8	-529.6	-93.7	28.8	0.00	0.00	0.00
3,300.0	14.76	190.03	3,232.5	-554.7	-98.1	30.1	0.00	0.00	0.00
3,400.0	14.76	190.03	3,329.2	-579.8	-102.6	31.5	0.00	0.00	0.00
3,500.0	14.76	190.03	3,425.9	-604.9	-107.0	32.8	0.00	0.00	0.00
3,600.0	14.76	190.03	3,522.6	-630.0	-111.5	34.2	0.00	0.00	0.00
3,700.0	14.76	190.03	3,619.3	-655.0	-115.9	35.6	0.00	0.00	0.00
3,800.0	14.76	190.03	3,716.0	-680.1	-120.3	36.9	0.00	0.00	0.00
3,900.0	14.76	190.03	3,812.7	-705.2	-124.8	38.3	0.00	0.00	0.00
4,000.0	14.76	190.03	3,909.4	-730.3	-129.2	39.6	0.00	0.00	0.00
4,100.0	14.76	190.03	4,006.1	-755.4	-133.7	41.0	0.00	0.00	0.00
4,200.0	14.76	190.03	4,102.8	-780.5	-138.1	42.4	0.00	0.00	0.00
4,300.0	14.76	190.03	4,199.5	-805.6	-142.5	43.7	0.00	0.00	0.00
4,400.0	14.76	190.03	4,296.2	-830.7	-147.0	45.1	0.00	0.00	0.00
4,500.0	14.76	190.03	4,392.9	-855.8	-151.4	46.5	0.00	0.00	0.00
4,600.0	14.76	190.03	4,489.6	-880.9	-155.8	47.8	0.00	0.00	0.00
4,700.0	14.76	190.03	4,586.3	-906.0	-160.3	49.2	0.00	0.00	0.00
4,800.0	14.76	190.03	4,683.0	-931.0	-164.7	50.5	0.00	0.00	0.00
4,900.0	14.76	190.03	4,779.7	-956.1	-169.2	51.9	0.00	0.00	0.00

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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 44-2N-A	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	14.76	190.03	4,876.4	-981.2	-173.6	53.3	0.00	0.00	0.00
5,100.0	14.76	190.03	4,973.1	-1,006.3	-178.0	54.6	0.00	0.00	0.00
5,198.7	14.76	190.03	5,068.5	-1,031.1	-182.4	56.0	0.00	0.00	0.00
Start Drop -2.00									
5,200.0	14.74	190.03	5,069.8	-1,031.4	-182.5	56.0	2.02	-2.02	0.00
5,300.0	12.74	190.03	5,166.9	-1,054.8	-186.6	57.3	2.00	-2.00	0.00
5,400.0	10.74	190.03	5,264.8	-1,074.8	-190.2	58.4	2.00	-2.00	0.00
5,500.0	8.74	190.03	5,363.4	-1,091.5	-193.1	59.3	2.00	-2.00	0.00
5,600.0	6.74	190.03	5,462.5	-1,104.7	-195.5	60.0	2.00	-2.00	0.00
5,700.0	4.74	190.03	5,562.0	-1,114.6	-197.2	60.5	2.00	-2.00	0.00
5,800.0	2.74	190.03	5,661.8	-1,121.0	-198.3	60.9	2.00	-2.00	0.00
5,900.0	0.74	190.03	5,761.7	-1,124.0	-198.9	61.0	2.00	-2.00	0.00
5,936.8	0.00	0.00	5,798.5	-1,124.2	-198.9	61.0	2.00	-2.00	0.00
6,000.0	0.00	0.00	5,861.7	-1,124.2	-198.9	61.0	0.00	0.00	0.00
6,100.0	0.00	0.00	5,961.7	-1,124.2	-198.9	61.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,061.7	-1,124.2	-198.9	61.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,161.7	-1,124.2	-198.9	61.0	0.00	0.00	0.00
6,322.1	0.00	0.00	6,183.8	-1,124.2	-198.9	61.0	0.00	0.00	0.00
KOP #2 - Start Build 8.00									
6,400.0	6.23	89.33	6,261.5	-1,124.2	-194.7	65.1	8.00	8.00	0.00
6,500.0	14.23	89.33	6,359.9	-1,123.9	-176.9	82.4	8.00	8.00	0.00
6,600.0	22.23	89.33	6,454.8	-1,123.6	-145.7	112.7	8.00	8.00	0.00
6,700.0	30.23	89.33	6,544.4	-1,123.1	-101.5	155.6	8.00	8.00	0.00
6,800.0	38.23	89.33	6,627.0	-1,122.4	-45.3	210.2	8.00	8.00	0.00
6,900.0	46.23	89.33	6,701.0	-1,121.6	21.9	275.5	8.00	8.00	0.00
7,000.0	54.23	89.33	6,764.9	-1,120.7	98.7	350.1	8.00	8.00	0.00
7,100.0	62.23	89.33	6,817.5	-1,119.7	183.6	432.6	8.00	8.00	0.00
7,200.0	70.23	89.33	6,857.8	-1,118.6	275.0	521.4	8.00	8.00	0.00
7,300.0	78.23	89.33	6,884.9	-1,117.5	371.2	614.8	8.00	8.00	0.00
7,400.0	86.23	89.33	6,898.5	-1,116.4	470.2	710.9	8.00	8.00	0.00
7,447.1	90.00	89.33	6,900.0	-1,115.8	517.2	756.6	8.00	8.00	0.00
Start 4073.6 hold at 7447.1 MD - 7"									
7,500.0	90.00	89.33	6,900.0	-1,115.2	570.1	808.0	0.00	0.00	0.00
7,600.0	90.00	89.33	6,900.0	-1,114.0	670.1	905.1	0.00	0.00	0.00
7,700.0	90.00	89.33	6,900.0	-1,112.8	770.1	1,002.3	0.00	0.00	0.00
7,800.0	90.00	89.33	6,900.0	-1,111.7	870.1	1,099.4	0.00	0.00	0.00
7,900.0	90.00	89.33	6,900.0	-1,110.5	970.1	1,196.5	0.00	0.00	0.00
8,000.0	90.00	89.33	6,900.0	-1,109.3	1,070.1	1,293.7	0.00	0.00	0.00
8,100.0	90.00	89.33	6,900.0	-1,108.2	1,170.1	1,390.8	0.00	0.00	0.00
8,200.0	90.00	89.33	6,900.0	-1,107.0	1,270.1	1,487.9	0.00	0.00	0.00
8,300.0	90.00	89.33	6,900.0	-1,105.8	1,370.1	1,585.0	0.00	0.00	0.00
8,400.0	90.00	89.33	6,900.0	-1,104.6	1,470.1	1,682.2	0.00	0.00	0.00
8,500.0	90.00	89.33	6,900.0	-1,103.5	1,570.1	1,779.3	0.00	0.00	0.00
8,600.0	90.00	89.33	6,900.0	-1,102.3	1,670.1	1,876.4	0.00	0.00	0.00
8,700.0	90.00	89.33	6,900.0	-1,101.1	1,770.1	1,973.5	0.00	0.00	0.00
8,800.0	90.00	89.33	6,900.0	-1,100.0	1,870.1	2,070.7	0.00	0.00	0.00
8,900.0	90.00	89.33	6,900.0	-1,098.8	1,970.0	2,167.8	0.00	0.00	0.00
9,000.0	90.00	89.33	6,900.0	-1,097.6	2,070.0	2,264.9	0.00	0.00	0.00
9,100.0	90.00	89.33	6,900.0	-1,096.4	2,170.0	2,362.0	0.00	0.00	0.00
9,200.0	90.00	89.33	6,900.0	-1,095.3	2,270.0	2,459.2	0.00	0.00	0.00
9,300.0	90.00	89.33	6,900.0	-1,094.1	2,370.0	2,556.3	0.00	0.00	0.00
9,400.0	90.00	89.33	6,900.0	-1,092.9	2,470.0	2,653.4	0.00	0.00	0.00
9,500.0	90.00	89.33	6,900.0	-1,091.7	2,570.0	2,750.5	0.00	0.00	0.00

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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 44-2N-A	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	-1,090.6	2,670.0	2,847.7	0.00	0.00	0.00	
9,700.0	90.00	89.33	6,900.0	-1,089.4	2,770.0	2,944.8	0.00	0.00	0.00	
9,800.0	90.00	89.33	6,900.0	-1,088.2	2,870.0	3,041.9	0.00	0.00	0.00	
9,900.0	90.00	89.33	6,900.0	-1,087.1	2,970.0	3,139.1	0.00	0.00	0.00	
10,000.0	90.00	89.33	6,900.0	-1,085.9	3,070.0	3,236.2	0.00	0.00	0.00	
10,100.0	90.00	89.33	6,900.0	-1,084.7	3,170.0	3,333.3	0.00	0.00	0.00	
10,200.0	90.00	89.33	6,900.0	-1,083.5	3,270.0	3,430.4	0.00	0.00	0.00	
10,300.0	90.00	89.33	6,900.0	-1,082.4	3,369.9	3,527.6	0.00	0.00	0.00	
10,400.0	90.00	89.33	6,900.0	-1,081.2	3,469.9	3,624.7	0.00	0.00	0.00	
10,500.0	90.00	89.33	6,900.0	-1,080.0	3,569.9	3,721.8	0.00	0.00	0.00	
10,600.0	90.00	89.33	6,900.0	-1,078.9	3,669.9	3,818.9	0.00	0.00	0.00	
10,700.0	90.00	89.33	6,900.0	-1,077.7	3,769.9	3,916.1	0.00	0.00	0.00	
10,800.0	90.00	89.33	6,900.0	-1,076.5	3,869.9	4,013.2	0.00	0.00	0.00	
10,900.0	90.00	89.33	6,900.0	-1,075.3	3,969.9	4,110.3	0.00	0.00	0.00	
11,000.0	90.00	89.33	6,900.0	-1,074.2	4,069.9	4,207.4	0.00	0.00	0.00	
11,100.0	90.00	89.33	6,900.0	-1,073.0	4,169.9	4,304.6	0.00	0.00	0.00	
11,200.0	90.00	89.33	6,900.0	-1,071.8	4,269.9	4,401.7	0.00	0.00	0.00	
11,300.0	90.00	89.33	6,900.0	-1,070.7	4,369.9	4,498.8	0.00	0.00	0.00	
11,400.0	90.00	89.33	6,900.0	-1,069.5	4,469.9	4,595.9	0.00	0.00	0.00	
11,500.0	90.00	89.33	6,900.0	-1,068.3	4,569.9	4,693.1	0.00	0.00	0.00	
11,520.7	90.00	89.33	6,900.0	-1,068.1	4,590.6	4,713.2	0.00	0.00	0.00	
TD at 11520.7 - BHL 975'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 2083'FSL & 254'FW	0.00	0.00	1.0	0.0	0.0	1,367,576.87	3,145,255.61	40.341228	-104.978904	
- plan hits target center										
- Point										
BHL 975'FSL & 460'FEL	0.00	0.00	6,900.0	-1,068.1	4,590.6	1,366,535.82	3,149,852.22	40.338295	-104.962437	
- plan hits target center										
- Point										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,447.1	6,900.0	7"	7	7-1/2	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment	
600.0	600.0	0.0	0.0	KOP - Start Build 1.50	
5,198.7	5,068.5	-1,031.1	-182.4	Start Drop -2.00	
6,322.1	6,183.8	-1,124.2	-198.9	KOP #2 - Start Build 8.00	
7,447.1	6,900.0	-1,115.8	517.2	Start 4073.6 hold at 7447.1 MD	
11,520.7	6,900.0	-1,068.1	4,590.6	TD at 11520.7	



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 44-2N-A

Wellbore #1

Plan #2 (9-21-15)

Anticollision Report

21 September, 2015



Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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)
0.0	11,520.7	Plan #2 (9-21-15) (Wellbore #1)
		Tool Name
		MWD
		Description
		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	7,429.4	6,959.7	178.2	137.8	4.413	CC, ES
Pratt 14-2D - Wellbore #1 - Wellbore #1	7,447.1	6,958.0	179.0	138.3	4.399	SF
Pratt 24-2D - Wellbore #1 - Wellbore #1	8,559.0	6,957.3	173.8	106.5	2.582	CC, ES, SF
SRC Vista Pad Sec.2-T4N-R68W						
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	100.2	97.7	40.524	CC, ES
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	1,100.0	1,098.6	132.5	127.9	28.850	SF
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	119.9	117.4	48.483	CC, ES
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,200.0	1,197.5	166.4	161.3	33.082	SF
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	80.2	77.7	32.420	CC, ES
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,520.7	11,396.0	896.9	636.0	3.437	SF
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	400.0	400.0	20.0	18.5	12.734	CC, ES
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	11,520.7	11,867.6	388.4	232.4	2.491	SF
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	200.0	200.0	40.1	39.4	59.412	CC, ES
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,520.7	11,615.0	479.4	218.3	1.836	SF
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	40.1	37.6	16.212	CC, ES
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	11,520.7	11,758.6	576.7	354.2	2.591	SF
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	60.1	57.6	24.316	CC, ES
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,520.7	11,426.0	600.0	339.3	2.302	SF
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	20.1	17.6	8.112	CC, ES
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,520.7	11,464.6	296.9	35.9	1.138	Level 2, SF
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	139.9	137.4	56.584	CC, ES
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,200.0	1,197.5	186.4	181.3	37.059	SF

Offset Design												
Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 14-2D - Wellbore #1 - Wellbore #1												
Survey Program: 108-MWD												
Reference												
Offset												
Semi Major Axis												
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)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor
2,800.0	2,749.0	2,814.0	2,793.7	10.2	7.4	-83.74	-721.8	874.7	995.5	978.0	17.44	57.064
2,900.0	2,845.7	2,916.3	2,894.5	10.7	7.7	-84.32	-736.1	885.9	988.3	970.0	18.30	53.994
3,000.0	2,942.4	3,022.2	2,999.3	11.2	8.1	-85.01	-749.3	856.7	980.9	961.7	19.16	51.195
3,100.0	3,039.1	3,126.4	3,102.2	11.8	8.4	-85.73	-761.7	847.1	972.8	952.8	20.01	48.613
3,200.0	3,135.8	3,224.0	3,198.6	12.3	8.7	-86.38	-773.8	837.7	964.6	943.8	20.85	46.263
3,300.0	3,232.5	3,311.3	3,285.0	12.8	9.0	-86.98	-784.6	830.0	957.4	935.7	21.65	44.215

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 44-2N-A
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 44-2N-A	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		
3,400.0	3,329.2	3,404.7	3,377.3	13.4	9.3	-87.66	-795.8	822.8	951.3	928.8	22.46	42.358		
3,500.0	3,425.9	3,509.9	3,481.5	13.9	9.6	-88.45	-808.5	814.9	945.5	922.2	23.30	40.573		
3,600.0	3,522.6	3,624.5	3,594.6	14.4	10.0	-89.17	-824.2	804.0	938.2	914.0	24.21	38.759		
3,700.0	3,619.3	3,723.0	3,691.5	14.9	10.4	-89.75	-838.3	793.9	930.5	905.5	25.07	37.111		
3,800.0	3,716.0	3,816.3	3,783.4	15.5	10.7	-90.32	-851.7	784.7	923.3	897.4	25.91	35.633		
3,900.0	3,812.7	3,910.8	3,876.4	16.0	11.1	-90.91	-865.2	775.9	916.7	890.0	26.74	34.280		
4,000.0	3,909.4	4,005.3	3,969.7	16.5	11.4	-91.53	-878.5	767.7	910.8	883.2	27.56	33.042		
4,100.0	4,006.1	4,099.1	4,062.3	17.1	11.7	-92.20	-891.0	760.1	905.5	877.1	28.37	31.916		
4,200.0	4,102.8	4,193.6	4,155.8	17.6	12.0	-92.92	-903.0	753.2	900.9	871.8	29.17	30.884		
4,300.0	4,199.5	4,294.4	4,255.5	18.1	12.4	-93.68	-916.1	746.0	896.8	866.8	29.99	29.900		
4,400.0	4,296.2	4,398.8	4,358.6	18.7	12.7	-94.42	-930.5	737.9	892.3	861.5	30.83	28.939		
4,500.0	4,392.9	4,501.2	4,459.6	19.2	13.1	-95.14	-944.8	729.5	887.6	855.9	31.67	28.030		
4,600.0	4,489.6	4,615.4	4,572.0	19.7	13.5	-95.87	-961.9	718.9	881.9	849.4	32.55	27.098		
4,700.0	4,586.3	4,709.9	4,665.0	20.3	13.8	-96.45	-976.5	709.5	875.8	842.4	33.37	26.247		
4,800.0	4,683.0	4,805.9	4,759.5	20.8	14.2	-97.11	-990.5	700.5	870.3	836.1	34.17	25.470		
4,900.0	4,779.7	4,903.3	4,855.6	21.3	14.5	-97.84	-1,003.8	691.7	865.2	830.2	34.96	24.749		
5,000.0	4,876.4	5,001.5	4,952.4	21.9	14.9	-98.56	-1,017.5	683.0	860.4	824.6	35.75	24.068		
5,100.0	4,973.1	5,104.6	5,054.0	22.4	15.2	-99.32	-1,032.1	673.7	855.5	819.0	36.55	23.410		
5,198.7	5,068.5	5,205.6	5,153.6	22.9	15.6	-100.10	-1,046.0	664.1	850.5	813.2	37.32	22.792		
5,200.0	5,069.8	5,206.9	5,154.9	22.9	15.6	-100.11	-1,046.2	664.0	850.4	813.1	37.33	22.785		
5,300.0	5,166.9	5,307.0	5,253.7	23.3	15.9	-100.69	-1,059.5	654.3	844.9	807.0	37.92	22.281		
5,400.0	5,264.8	5,402.5	5,348.1	23.6	16.3	-101.14	-1,070.5	645.1	838.9	800.5	38.47	21.808		
5,500.0	5,363.4	5,485.1	5,429.8	23.9	16.5	-101.33	-1,080.1	638.3	833.8	794.8	38.96	21.398		
5,600.0	5,462.5	5,577.7	5,521.5	24.1	16.8	-101.29	-1,091.7	632.2	829.6	790.1	39.49	21.009		
5,700.0	5,562.0	5,679.2	5,621.8	24.3	17.2	-100.97	-1,105.0	625.8	825.0	784.9	40.04	20.602		
5,800.0	5,661.8	5,785.6	5,727.0	24.5	17.5	-100.31	-1,119.7	618.5	819.1	778.5	40.62	20.164		
5,900.0	5,761.7	5,891.9	5,832.0	24.6	17.9	-99.37	-1,134.2	610.2	811.8	770.6	41.19	19.709		
5,936.8	5,798.5	5,929.8	5,869.4	24.7	18.0	91.07	-1,139.3	607.1	808.9	779.4	29.50	27.422		
6,000.0	5,861.7	5,994.1	5,932.8	24.7	18.3	91.73	-1,148.3	601.6	803.6	774.0	29.68	27.074		
6,100.0	5,961.7	6,093.3	6,030.5	24.8	18.6	92.84	-1,163.5	592.9	795.4	765.4	29.96	26.547		
6,200.0	6,061.7	6,192.2	6,127.6	24.9	19.0	94.09	-1,180.1	584.2	787.5	757.3	30.23	26.047		
6,300.0	6,161.7	6,294.5	6,228.0	25.0	19.4	95.37	-1,196.9	574.9	779.7	749.2	30.52	25.544		
6,322.1	6,183.8	6,319.0	6,252.1	25.0	19.5	95.67	-1,200.8	572.6	777.9	747.3	30.59	25.427		
6,350.0	6,211.7	6,349.9	6,282.5	25.1	19.6	6.75	-1,205.6	569.5	775.0	731.3	43.71	17.731		
6,400.0	6,261.5	6,404.7	6,336.3	25.1	19.8	7.55	-1,214.0	563.8	767.0	723.2	43.77	17.522		
6,450.0	6,311.0	6,453.2	6,384.0	25.1	20.0	8.37	-1,221.3	558.4	755.3	711.7	43.61	17.319		
6,500.0	6,359.9	6,499.4	6,429.4	25.2	20.2	9.27	-1,228.2	553.4	740.6	697.3	43.26	17.119		
6,550.0	6,407.9	6,544.4	6,473.7	25.2	20.3	10.32	-1,234.8	548.5	722.7	679.9	42.72	16.916		
6,600.0	6,454.8	6,590.8	6,519.3	25.2	20.5	11.59	-1,241.4	543.5	701.7	659.7	42.02	16.699		
6,650.0	6,500.4	6,635.3	6,563.1	25.2	20.7	13.10	-1,247.8	538.5	677.7	636.6	41.16	16.466		
6,700.0	6,544.4	6,677.4	6,604.5	25.2	20.8	14.88	-1,253.7	533.7	650.9	610.7	40.15	16.210		
6,750.0	6,586.7	6,715.6	6,642.0	25.2	21.0	16.97	-1,259.0	529.3	621.4	582.4	39.03	15.923		
6,800.0	6,627.0	6,751.5	6,677.3	25.3	21.1	19.52	-1,264.1	525.2	589.6	551.8	37.83	15.588		
6,850.0	6,665.2	6,784.9	6,710.2	25.3	21.2	22.64	-1,268.9	521.4	555.7	519.1	36.61	15.178		
6,900.0	6,701.0	6,815.8	6,740.6	25.3	21.4	26.46	-1,273.3	517.9	519.9	484.4	35.47	14.658		
6,950.0	6,734.3	6,844.0	6,768.3	25.3	21.5	31.11	-1,277.3	514.7	482.5	448.0	34.52	13.977		
7,000.0	6,764.9	6,869.5	6,793.4	25.4	21.6	36.75	-1,280.9	511.9	443.8	409.9	33.92	13.085		
7,050.0	6,792.7	6,892.2	6,815.7	25.4	21.6	43.41	-1,283.9	509.4	404.3	370.5	33.82	11.953		
7,100.0	6,817.5	6,911.8	6,835.0	25.5	21.7	50.96	-1,286.6	507.3	364.4	330.1	34.29	10.626		
7,150.0	6,839.3	6,928.3	6,851.3	25.6	21.8	58.99	-1,288.8	505.5	324.8	289.6	35.20	9.225		
7,200.0	6,857.8	6,941.6	6,864.4	25.7	21.8	66.81	-1,290.5	504.1	286.3	250.1	36.29	7.891		
7,250.0	6,873.0	6,951.7	6,874.4	25.9	21.8	73.67	-1,291.8	503.0	250.4	213.1	37.30	6.713		

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 44-2N-A
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 44-2N-A	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:	
Survey Program: 108-MWD													Offset Well Error:	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
7,300.0	6,884.9	6,958.5	6,881.1	26.1	21.9	78.94	-1,292.7	502.3	218.9	180.8	38.18	5.734		
7,350.0	6,893.4	6,961.8	6,884.3	26.4	21.9	82.21	-1,293.1	501.9	194.5	155.6	38.99	4.990		
7,400.0	6,898.5	6,961.5	6,884.1	26.8	21.9	83.31	-1,293.0	502.0	180.5	140.7	39.84	4.531		
7,429.4	6,899.8	6,959.7	6,882.3	27.1	21.9	82.91	-1,292.8	502.2	178.2	137.8	40.37	4.413 CC, ES		
7,447.1	6,900.0	6,958.0	6,880.6	27.2	21.9	82.29	-1,292.6	502.3	179.0	138.3	40.70	4.399 SF		
7,500.0	6,900.0	6,952.1	6,874.8	27.8	21.8	80.42	-1,291.9	502.9	191.3	149.7	41.67	4.592		
7,600.0	6,900.0	6,940.8	6,863.6	29.2	21.8	76.80	-1,290.4	504.1	245.6	202.2	43.48	5.650		
7,700.0	6,900.0	6,929.0	6,852.0	30.9	21.8	73.12	-1,288.9	505.4	322.2	277.0	45.19	7.130		
7,800.0	6,900.0	6,917.7	6,840.9	32.8	21.7	69.64	-1,287.4	506.6	408.7	361.9	46.79	8.735		
7,900.0	6,900.0	6,906.3	6,829.6	34.9	21.7	66.22	-1,285.9	507.9	500.0	451.8	48.23	10.367		
8,000.0	6,900.0	6,894.7	6,818.2	37.1	21.6	62.87	-1,284.3	509.1	593.9	544.4	49.50	11.999		
8,100.0	6,900.0	6,883.0	6,806.7	39.4	21.6	59.62	-1,282.7	510.4	689.4	638.8	50.58	13.630		
8,200.0	6,900.0	6,871.2	6,795.1	41.8	21.6	56.48	-1,281.1	511.7	785.8	734.3	51.48	15.265		
8,300.0	6,900.0	6,859.3	6,783.3	44.2	21.5	53.47	-1,279.4	513.0	882.8	830.6	52.19	16.915		
8,400.0	6,900.0	6,847.2	6,771.4	46.7	21.5	50.59	-1,277.8	514.4	980.3	927.6	52.74	18.588		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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: 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		
7,600.0	6,900.0	6,878.0	6,801.6	29.2	21.8	58.07	-1,264.7	1,624.6	971.5	931.4	40.16	24.192		
7,700.0	6,900.0	6,886.5	6,810.1	30.9	21.8	60.45	-1,265.9	1,625.3	873.7	830.9	42.72	20.451		
7,800.0	6,900.0	6,895.0	6,818.5	32.8	21.8	62.89	-1,267.0	1,626.0	776.2	730.8	45.41	17.095		
7,900.0	6,900.0	6,903.5	6,826.8	34.9	21.9	65.39	-1,268.1	1,626.7	679.5	631.3	48.20	14.098		
8,000.0	6,900.0	6,911.8	6,835.0	37.1	21.9	67.93	-1,269.2	1,627.4	583.7	532.6	51.06	11.431		
8,100.0	6,900.0	6,920.1	6,843.2	39.4	21.9	70.51	-1,270.3	1,628.1	489.4	435.4	53.98	9.067		
8,200.0	6,900.0	6,928.3	6,851.4	41.8	22.0	73.12	-1,271.3	1,628.7	397.8	340.9	56.92	6.989		
8,300.0	6,900.0	6,936.7	6,859.6	44.2	22.0	75.81	-1,272.4	1,629.4	311.2	251.3	59.86	5.198		
8,400.0	6,900.0	6,944.8	6,867.7	46.7	22.0	78.47	-1,273.5	1,630.1	235.2	172.4	62.78	3.746		
8,500.0	6,900.0	6,952.8	6,875.5	49.2	22.0	81.06	-1,274.5	1,630.7	183.4	117.8	65.64	2.794		
8,559.0	6,900.0	6,957.3	6,880.0	50.7	22.1	82.57	-1,275.1	1,631.0	173.8	106.5	67.31	2.582 CC, ES, SF		
8,600.0	6,900.0	6,960.5	6,883.1	51.8	22.1	83.60	-1,275.5	1,631.3	178.5	110.1	68.44	2.608		
8,700.0	6,900.0	6,968.0	6,890.5	54.3	22.1	86.06	-1,276.4	1,631.9	223.5	152.4	71.17	3.141		
8,800.0	6,900.0	6,975.3	6,897.8	56.9	22.1	88.45	-1,277.4	1,632.4	296.6	222.8	73.81	4.018		
8,900.0	6,900.0	6,982.4	6,904.8	59.6	22.1	90.76	-1,278.3	1,633.0	381.9	305.5	76.37	5.001		
9,000.0	6,900.0	6,989.4	6,911.7	62.2	22.2	92.99	-1,279.1	1,633.5	472.9	394.1	78.84	5.998		
9,100.0	6,900.0	6,996.1	6,918.4	64.9	22.2	95.13	-1,280.0	1,634.0	566.8	485.6	81.22	6.979		
9,200.0	6,900.0	7,002.8	6,924.9	67.5	22.2	97.18	-1,280.8	1,634.4	662.5	579.0	83.51	7.933		
9,300.0	6,900.0	7,009.2	6,931.3	70.2	22.2	99.15	-1,281.6	1,634.9	759.2	673.5	85.72	8.857		
9,400.0	6,900.0	7,015.5	6,937.6	72.9	22.2	101.04	-1,282.4	1,635.3	856.6	768.8	87.85	9.751		
9,500.0	6,900.0	7,021.6	6,943.6	75.6	22.3	102.84	-1,283.2	1,635.8	954.5	864.6	89.90	10.618		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	-0.16	100.2	-0.3	100.2					
100.0	100.0	100.0	100.0	0.1	0.1	-0.16	100.2	-0.3	100.2	100.0	0.22	445.768		
200.0	200.0	200.0	200.0	0.3	0.3	-0.16	100.2	-0.3	100.2	99.5	0.67	148.589		
300.0	300.0	300.0	300.0	0.6	0.6	-0.16	100.2	-0.3	100.2	99.1	1.12	89.154		
400.0	400.0	400.0	400.0	0.8	0.8	-0.16	100.2	-0.3	100.2	98.6	1.57	63.681		
500.0	500.0	500.0	500.0	1.0	1.0	-0.16	100.2	-0.3	100.2	98.2	2.02	49.530		
600.0	600.0	600.0	600.0	1.2	1.2	-0.16	100.2	-0.3	100.2	97.7	2.47	40.524 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	169.93	100.2	-0.3	101.5	98.6	2.90	35.024		
800.0	799.9	799.9	799.9	1.6	1.7	170.30	100.2	-0.3	105.3	102.0	3.31	31.843		
900.0	899.7	899.7	899.7	1.8	1.9	170.85	100.2	-0.3	111.8	108.1	3.73	29.974		
1,000.0	999.3	999.3	999.3	2.0	2.1	171.52	100.2	-0.3	120.8	116.7	4.16	29.058		
1,100.0	1,098.6	1,098.6	1,098.6	2.3	2.4	172.24	100.2	-0.3	132.5	127.9	4.59	28.850 SF		
1,200.0	1,197.5	1,197.5	1,197.5	2.6	2.6	172.97	100.2	-0.3	146.7	141.7	5.03	29.175		
1,300.0	1,296.1	1,296.1	1,296.1	2.9	2.8	173.67	100.2	-0.3	163.5	158.1	5.47	29.911		
1,400.0	1,394.2	1,394.2	1,394.2	3.2	3.0	174.31	100.2	-0.3	182.9	177.0	5.91	30.966		
1,500.0	1,491.7	1,491.7	1,491.7	3.6	3.2	174.90	100.2	-0.3	204.9	198.6	6.35	32.275		
1,584.2	1,573.3	1,573.3	1,573.3	4.0	3.4	175.33	100.2	-0.3	225.4	218.7	6.72	33.534		
1,600.0	1,588.6	1,588.6	1,588.6	4.1	3.5	175.42	100.2	-0.3	229.4	222.6	6.79	33.770		
1,700.0	1,685.3	1,687.1	1,687.1	4.6	3.7	175.66	100.0	-1.2	254.5	247.3	7.24	35.142		
1,800.0	1,782.0	1,786.3	1,786.2	5.0	3.9	175.35	99.2	-4.7	278.9	271.2	7.69	36.275		
1,900.0	1,878.7	1,885.6	1,885.4	5.5	4.1	174.62	97.9	-10.7	302.5	294.3	8.15	37.132		
2,000.0	1,975.4	1,985.2	1,984.5	6.0	4.3	173.54	96.1	-19.2	325.4	316.8	8.62	37.736		
2,100.0	2,072.1	2,083.5	2,082.3	6.5	4.5	172.25	93.7	-29.9	347.8	338.7	9.12	38.142		
2,200.0	2,168.8	2,180.7	2,178.8	7.1	4.7	171.08	91.4	-40.7	370.3	360.7	9.63	38.447		
2,300.0	2,265.5	2,277.9	2,275.4	7.6	5.0	170.04	89.0	-51.5	392.9	382.8	10.16	38.684		
2,400.0	2,362.2	2,375.1	2,371.9	8.1	5.2	169.11	86.7	-62.3	415.7	405.0	10.70	38.864		
2,500.0	2,458.9	2,472.2	2,468.4	8.6	5.5	168.29	84.3	-73.1	438.5	427.3	11.24	38.998		
2,600.0	2,555.6	2,569.4	2,565.0	9.1	5.7	167.54	82.0	-83.9	461.4	449.6	11.80	39.096		
2,700.0	2,652.3	2,666.6	2,661.5	9.7	6.0	166.86	79.6	-94.7	484.4	472.0	12.37	39.164		
2,800.0	2,749.0	2,763.7	2,758.1	10.2	6.2	166.25	77.2	-105.5	507.4	494.5	12.94	39.209		
2,900.0	2,845.7	2,860.9	2,854.6	10.7	6.5	165.69	74.9	-116.3	530.5	517.0	13.52	39.235		
3,000.0	2,942.4	2,958.1	2,951.2	11.2	6.8	165.17	72.5	-127.1	553.6	539.5	14.11	39.247		
3,100.0	3,039.1	3,055.3	3,047.7	11.8	7.1	164.70	70.2	-138.0	576.8	562.1	14.70	39.246		
3,200.0	3,135.8	3,152.4	3,144.2	12.3	7.3	164.26	67.8	-148.8	600.0	584.7	15.29	39.236		
3,300.0	3,232.5	3,249.6	3,240.8	12.8	7.6	163.86	65.5	-159.6	623.2	607.3	15.89	39.219		
3,400.0	3,329.2	3,346.8	3,337.3	13.4	7.9	163.48	63.1	-170.4	646.5	630.0	16.49	39.196		
3,500.0	3,425.9	3,444.0	3,433.9	13.9	8.2	163.13	60.7	-181.2	669.8	652.7	17.10	39.169		
3,600.0	3,522.6	3,539.8	3,529.1	14.4	8.4	162.85	58.5	-191.3	693.1	675.5	17.67	39.227		
3,700.0	3,619.3	3,634.6	3,623.7	14.9	8.6	162.83	57.0	-198.6	716.8	698.6	18.18	39.422		
3,800.0	3,716.0	3,729.2	3,718.2	15.5	8.8	163.06	56.0	-202.7	740.8	722.1	18.66	39.698		
3,900.0	3,812.7	3,823.8	3,812.7	16.0	9.0	163.52	55.8	-203.9	765.1	746.0	19.11	40.046		
4,000.0	3,909.4	3,920.5	3,909.4	16.5	9.2	164.04	55.8	-203.9	789.7	770.1	19.55	40.391		
4,100.0	4,006.1	4,017.2	4,006.1	17.1	9.4	164.53	55.8	-203.9	814.2	794.2	20.00	40.703		
4,200.0	4,102.8	4,113.9	4,102.8	17.6	9.6	164.99	55.8	-203.9	838.9	818.4	20.46	41.000		
4,300.0	4,199.5	4,210.6	4,199.5	18.1	9.8	165.43	55.8	-203.9	863.6	842.6	20.92	41.284		
4,400.0	4,296.2	4,307.3	4,296.2	18.7	9.9	165.84	55.8	-203.9	888.3	866.9	21.38	41.554		
4,500.0	4,392.9	4,404.0	4,392.9	19.2	10.1	166.23	55.8	-203.9	913.1	891.2	21.84	41.811		
4,600.0	4,489.6	4,500.7	4,489.6	19.7	10.3	166.60	55.8	-203.9	937.9	915.6	22.30	42.057		
4,700.0	4,586.3	4,597.4	4,586.3	20.3	10.5	166.96	55.8	-203.9	962.7	940.0	22.76	42.292		
4,800.0	4,683.0	4,694.1	4,683.0	20.8	10.7	167.29	55.8	-203.9	987.6	964.4	23.23	42.516		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-0.13	119.9	-0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	-0.13	119.9	-0.3	119.9	119.6	0.22	533.311		
200.0	200.0	200.0	200.0	0.3	0.3	-0.13	119.9	-0.3	119.9	119.2	0.67	177.770		
300.0	300.0	300.0	300.0	0.6	0.6	-0.13	119.9	-0.3	119.9	118.7	1.12	106.662		
400.0	400.0	400.0	400.0	0.8	0.8	-0.13	119.9	-0.3	119.9	118.3	1.57	76.187		
500.0	500.0	500.0	500.0	1.0	1.0	-0.13	119.9	-0.3	119.9	117.8	2.02	59.257		
600.0	600.0	600.0	600.0	1.2	1.2	-0.13	119.9	-0.3	119.9	117.4	2.47	48.483 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	169.94	119.9	-0.3	121.2	118.3	2.90	41.815		
800.0	799.9	799.9	799.9	1.6	1.7	170.24	119.9	-0.3	125.0	121.7	3.31	37.791		
900.0	899.7	899.7	899.7	1.8	1.9	170.71	119.9	-0.3	131.5	127.7	3.73	35.248		
1,000.0	999.3	999.3	999.3	2.0	2.1	171.29	119.9	-0.3	140.5	136.4	4.16	33.788		
1,100.0	1,098.6	1,098.6	1,098.6	2.3	2.4	171.94	119.9	-0.3	152.1	147.6	4.59	33.131		
1,200.0	1,197.5	1,197.5	1,197.5	2.6	2.6	172.60	119.9	-0.3	166.4	161.3	5.03	33.082 SF		
1,300.0	1,296.1	1,296.1	1,296.1	2.9	2.8	173.26	119.9	-0.3	183.2	177.7	5.47	33.500		
1,400.0	1,394.2	1,394.2	1,394.2	3.2	3.0	173.87	119.9	-0.3	202.6	196.7	5.91	34.284		
1,500.0	1,491.7	1,491.7	1,491.7	3.6	3.2	174.44	119.9	-0.3	224.5	218.2	6.35	35.358		
1,584.2	1,573.3	1,573.3	1,573.3	4.0	3.4	174.88	119.9	-0.3	245.0	238.3	6.72	36.443		
1,600.0	1,588.6	1,588.6	1,588.6	4.1	3.5	174.96	119.9	-0.3	249.0	242.2	6.79	36.647		
1,700.0	1,685.3	1,685.3	1,685.3	4.6	3.7	175.43	119.9	-0.3	274.4	267.2	7.25	37.826		
1,800.0	1,782.0	1,782.0	1,782.0	5.0	3.9	175.82	119.9	-0.3	299.8	292.1	7.72	38.840		
1,900.0	1,878.7	1,878.7	1,878.7	5.5	4.1	176.14	119.9	-0.3	325.2	317.1	8.19	39.719		
2,000.0	1,975.4	1,975.4	1,975.4	6.0	4.3	176.42	119.9	-0.3	350.7	342.0	8.66	40.488		
2,100.0	2,072.1	2,072.1	2,072.1	6.5	4.5	176.67	119.9	-0.3	376.1	367.0	9.14	41.164		
2,200.0	2,168.8	2,168.8	2,168.8	7.1	4.8	176.88	119.9	-0.3	401.6	391.9	9.61	41.763		
2,300.0	2,265.5	2,265.5	2,265.5	7.6	5.0	177.06	119.9	-0.3	427.0	416.9	10.10	42.298		
2,400.0	2,362.2	2,362.2	2,362.2	8.1	5.2	177.23	119.9	-0.3	452.5	441.9	10.58	42.776		
2,500.0	2,458.9	2,462.9	2,462.9	8.6	5.4	177.33	119.7	-0.8	477.7	466.6	11.06	43.198		
2,600.0	2,555.6	2,566.8	2,566.7	9.1	5.6	177.16	118.4	-3.6	501.6	490.1	11.53	43.515		
2,700.0	2,652.3	2,671.2	2,671.0	9.7	5.8	176.73	116.1	-9.1	524.3	512.3	12.00	43.684		
2,800.0	2,749.0	2,776.0	2,775.4	10.2	6.0	176.07	112.6	-17.3	545.6	533.1	12.49	43.689		
2,900.0	2,845.7	2,876.3	2,875.1	10.7	6.2	175.29	108.4	-27.1	566.0	553.0	12.98	43.601		
3,000.0	2,942.4	2,973.9	2,972.2	11.2	6.5	174.57	104.2	-36.7	586.4	572.9	13.48	43.498		
3,100.0	3,039.1	3,071.6	3,069.2	11.8	6.7	173.90	100.1	-46.4	606.9	592.9	13.99	43.382		
3,200.0	3,135.8	3,169.2	3,166.3	12.3	6.9	173.27	95.9	-56.1	627.4	612.9	14.50	43.258		
3,300.0	3,232.5	3,266.8	3,263.4	12.8	7.1	172.68	91.8	-65.8	648.0	633.0	15.03	43.122		
3,400.0	3,329.2	3,364.5	3,360.5	13.4	7.4	172.13	87.6	-75.5	668.7	653.1	15.56	42.982		
3,500.0	3,425.9	3,462.1	3,457.5	13.9	7.6	171.61	83.5	-85.2	689.4	673.3	16.09	42.837		
3,600.0	3,522.6	3,553.7	3,548.7	14.4	7.8	171.19	79.8	-93.7	710.5	693.9	16.61	42.785		
3,700.0	3,619.3	3,641.9	3,636.6	14.9	8.0	171.00	77.3	-99.6	732.7	715.6	17.09	42.869		
3,800.0	3,716.0	3,729.7	3,724.3	15.5	8.2	171.02	75.9	-103.0	756.2	738.7	17.56	43.061		
3,900.0	3,812.7	3,818.1	3,812.7	16.0	8.4	171.21	75.5	-103.9	781.0	763.0	18.01	43.354		
4,000.0	3,909.4	3,914.8	3,909.4	16.5	8.6	171.49	75.5	-103.9	806.2	787.7	18.48	43.621		
4,100.0	4,006.1	4,011.5	4,006.1	17.1	8.8	171.75	75.5	-103.9	831.4	812.5	18.96	43.845		
4,200.0	4,102.8	4,108.2	4,102.8	17.6	9.0	171.99	75.5	-103.9	856.7	837.2	19.44	44.056		
4,300.0	4,199.5	4,204.9	4,199.5	18.1	9.2	172.22	75.5	-103.9	881.9	862.0	19.93	44.256		
4,400.0	4,296.2	4,301.6	4,296.2	18.7	9.4	172.44	75.5	-103.9	907.2	886.8	20.41	44.446		
4,500.0	4,392.9	4,398.3	4,392.9	19.2	9.6	172.65	75.5	-103.9	932.5	911.6	20.90	44.626		
4,600.0	4,489.6	4,495.0	4,489.6	19.7	9.8	172.84	75.5	-103.9	957.7	936.4	21.38	44.797		
4,700.0	4,586.3	4,591.7	4,586.3	20.3	10.0	173.03	75.5	-103.9	983.0	961.2	21.87	44.959		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	-0.20	80.2	-0.3	80.2					
100.0	100.0	100.0	100.0	0.1	0.1	-0.20	80.2	-0.3	80.2	79.9	0.22	356.622		
200.0	200.0	200.0	200.0	0.3	0.3	-0.20	80.2	-0.3	80.2	79.5	0.67	118.874		
300.0	300.0	300.0	300.0	0.6	0.6	-0.20	80.2	-0.3	80.2	79.0	1.12	71.324		
400.0	400.0	400.0	400.0	0.8	0.8	-0.20	80.2	-0.3	80.2	78.6	1.57	50.946		
500.0	500.0	500.0	500.0	1.0	1.0	-0.20	80.2	-0.3	80.2	78.1	2.02	39.625		
600.0	600.0	600.0	600.0	1.2	1.2	-0.20	80.2	-0.3	80.2	77.7	2.47	32.420 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	169.93	80.2	-0.3	81.4	78.5	2.90	28.109		
800.0	799.9	799.9	799.9	1.6	1.7	170.38	80.2	-0.3	85.3	82.0	3.31	25.787		
900.0	899.7	899.7	899.7	1.8	1.9	171.05	80.2	-0.3	91.8	88.0	3.73	24.603		
1,000.0	999.3	999.3	999.3	2.0	2.1	171.84	80.2	-0.3	100.8	96.7	4.16	24.243		
1,100.0	1,098.6	1,098.6	1,098.6	2.3	2.4	172.66	80.2	-0.3	112.5	107.9	4.59	24.491		
1,200.0	1,197.5	1,197.5	1,197.5	2.6	2.6	173.47	80.2	-0.3	126.7	121.7	5.03	25.199		
1,300.0	1,296.1	1,296.1	1,296.1	2.9	2.8	174.21	80.2	-0.3	143.6	138.1	5.47	26.258		
1,400.0	1,394.2	1,394.2	1,394.2	3.2	3.0	174.88	80.2	-0.3	163.0	157.1	5.91	27.590		
1,500.0	1,491.7	1,495.8	1,495.8	3.6	3.2	175.31	79.2	-0.9	184.0	177.6	6.33	29.060		
1,584.2	1,573.3	1,581.9	1,581.8	4.0	3.4	175.36	76.5	-2.7	201.8	195.1	6.67	30.257		
1,600.0	1,588.6	1,598.1	1,598.0	4.1	3.4	175.35	75.9	-3.1	205.1	198.4	6.74	30.457		
1,700.0	1,685.3	1,701.3	1,701.0	4.6	3.6	175.08	70.2	-6.8	224.9	217.8	7.17	31.379		
1,800.0	1,782.0	1,805.3	1,804.6	5.0	3.8	174.54	62.2	-12.1	242.4	234.7	7.62	31.810		
1,900.0	1,878.7	1,905.7	1,904.3	5.5	4.0	173.87	52.8	-18.3	258.1	250.0	8.08	31.933		
2,000.0	1,975.4	2,004.4	2,002.4	6.0	4.2	173.27	43.4	-24.5	273.7	265.2	8.56	31.990		
2,100.0	2,072.1	2,103.2	2,100.5	6.5	4.5	172.74	34.0	-30.6	289.4	280.3	9.04	32.008		
2,200.0	2,168.8	2,201.9	2,198.6	7.1	4.7	172.26	24.7	-36.8	305.1	295.5	9.53	31.999		
2,300.0	2,265.5	2,300.6	2,296.7	7.6	5.0	171.83	15.3	-43.0	320.8	310.7	10.03	31.966		
2,400.0	2,362.2	2,399.4	2,394.8	8.1	5.2	171.44	5.9	-49.2	336.5	325.9	10.54	31.918		
2,500.0	2,458.9	2,498.1	2,492.9	8.6	5.5	171.09	-3.4	-55.3	352.2	341.2	11.06	31.858		
2,600.0	2,555.6	2,596.8	2,591.0	9.1	5.8	170.76	-12.8	-61.5	368.0	356.4	11.58	31.790		
2,700.0	2,652.3	2,695.6	2,689.0	9.7	6.0	170.46	-22.2	-67.7	383.7	371.6	12.10	31.716		
2,800.0	2,749.0	2,794.3	2,787.1	10.2	6.3	170.19	-31.6	-73.8	399.5	386.9	12.63	31.638		
2,900.0	2,845.7	2,893.0	2,885.2	10.7	6.6	169.94	-40.9	-80.0	415.3	402.1	13.16	31.557		
3,000.0	2,942.4	2,991.8	2,983.3	11.2	6.9	169.70	-50.3	-86.2	431.1	417.4	13.69	31.476		
3,100.0	3,039.1	3,090.5	3,081.4	11.8	7.2	169.48	-59.7	-92.4	446.9	432.6	14.23	31.394		
3,200.0	3,135.8	3,189.2	3,179.5	12.3	7.5	169.28	-69.0	-98.5	462.6	447.9	14.77	31.313		
3,300.0	3,232.5	3,287.9	3,277.6	12.8	7.7	169.09	-78.4	-104.7	478.4	463.1	15.32	31.233		
3,400.0	3,329.2	3,386.7	3,375.7	13.4	8.0	168.91	-87.8	-110.9	494.3	478.4	15.87	31.154		
3,500.0	3,425.9	3,485.4	3,473.8	13.9	8.3	168.74	-97.1	-117.0	510.1	493.7	16.41	31.076		
3,600.0	3,522.6	3,584.1	3,571.9	14.4	8.6	168.59	-106.5	-123.2	525.9	508.9	16.96	31.001		
3,700.0	3,619.3	3,682.9	3,670.0	14.9	8.9	168.44	-115.9	-129.4	541.7	524.2	17.52	30.927		
3,800.0	3,716.0	3,781.6	3,768.1	15.5	9.2	168.30	-125.3	-135.6	557.5	539.5	18.07	30.855		
3,900.0	3,812.7	3,880.3	3,866.1	16.0	9.5	168.17	-134.6	-141.7	573.3	554.7	18.62	30.785		
4,000.0	3,909.4	3,979.1	3,964.2	16.5	9.8	168.04	-144.0	-147.9	589.2	570.0	19.18	30.717		
4,100.0	4,006.1	4,077.8	4,062.3	17.1	10.1	167.92	-153.4	-154.1	605.0	585.3	19.74	30.651		
4,200.0	4,102.8	4,176.5	4,160.4	17.6	10.4	167.81	-162.7	-160.2	620.8	600.5	20.30	30.587		
4,300.0	4,199.5	4,275.3	4,258.5	18.1	10.7	167.70	-172.1	-166.4	636.7	615.8	20.86	30.525		
4,400.0	4,296.2	4,374.0	4,356.6	18.7	11.0	167.60	-181.5	-172.6	652.5	631.1	21.42	30.465		
4,500.0	4,392.9	4,472.7	4,454.7	19.2	11.3	167.51	-190.9	-178.7	668.3	646.4	21.98	30.407		
4,600.0	4,489.6	4,571.5	4,552.8	19.7	11.6	167.41	-200.2	-184.9	684.2	661.6	22.54	30.350		
4,700.0	4,586.3	4,670.2	4,650.9	20.3	11.9	167.33	-209.6	-191.1	700.0	676.9	23.11	30.295		
4,800.0	4,683.0	4,756.3	4,736.5	20.8	12.1	167.28	-217.2	-196.1	716.5	692.9	23.61	30.353		
4,900.0	4,779.7	4,837.7	4,817.7	21.3	12.3	167.35	-222.5	-199.6	735.3	711.2	24.07	30.550		
5,000.0	4,876.4	4,918.4	4,898.3	21.9	12.5	167.52	-225.8	-201.8	756.2	731.7	24.51	30.857		

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 44-2N-A
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 44-2N-A	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	4,973.1	5,000.0	4,979.8	22.4	12.6	167.79	-227.3	-202.7	779.5	754.5	24.93	31.267		
5,198.7	5,068.5	5,088.7	5,068.5	22.9	12.8	168.14	-227.3	-202.8	804.0	778.6	25.35	31.716		
5,200.0	5,069.8	5,090.0	5,069.8	22.9	12.8	168.14	-227.3	-202.8	804.3	779.0	25.36	31.721		
5,300.0	5,166.9	5,187.1	5,166.9	23.3	12.9	168.57	-227.3	-202.8	827.6	801.8	25.80	32.074		
5,400.0	5,264.8	5,285.0	5,264.8	23.6	13.1	168.92	-227.3	-202.8	847.6	821.3	26.22	32.321		
5,500.0	5,363.4	5,383.6	5,363.4	23.9	13.3	169.20	-227.3	-202.8	864.2	837.6	26.62	32.470		
5,600.0	5,462.5	5,482.6	5,462.5	24.1	13.4	169.42	-227.3	-202.8	877.4	850.4	26.97	32.527		
5,700.0	5,562.0	5,582.1	5,562.0	24.3	13.6	169.57	-227.3	-202.8	887.2	859.9	27.30	32.499		
5,800.0	5,661.8	5,681.9	5,661.8	24.5	13.8	169.67	-227.3	-202.8	893.7	866.1	27.59	32.389		
5,900.0	5,761.7	5,781.9	5,761.7	24.6	13.9	169.72	-227.3	-202.8	896.6	868.8	27.84	32.201		
5,936.8	5,798.5	5,818.7	5,798.5	24.7	14.0	-0.25	-227.3	-202.8	896.9	858.9	37.99	23.606		
6,000.0	5,861.7	5,881.9	5,861.7	24.7	14.1	-0.25	-227.3	-202.8	896.9	858.7	38.17	23.495		
6,100.0	5,961.7	5,981.9	5,961.7	24.8	14.3	-0.25	-227.3	-202.8	896.9	858.4	38.45	23.328		
6,200.0	6,061.7	6,081.9	6,061.7	24.9	14.5	-0.25	-227.3	-202.8	896.9	858.1	38.72	23.161		
6,300.0	6,161.7	6,181.9	6,161.7	25.0	14.7	-0.25	-227.3	-202.8	896.9	857.9	39.00	22.995		
6,314.7	6,176.4	6,196.6	6,176.4	25.0	14.7	-0.25	-227.3	-202.8	896.9	857.8	39.04	22.971		
6,322.1	6,183.8	6,204.0	6,183.8	25.0	14.7	-0.25	-227.3	-202.8	896.9	857.8	39.06	22.959		
6,350.0	6,211.7	6,231.6	6,211.4	25.1	14.7	-89.58	-227.3	-202.2	896.9	867.5	29.38	30.525		
6,400.0	6,261.5	6,281.1	6,260.8	25.1	14.8	-89.58	-227.3	-198.6	896.9	867.3	29.53	30.376		
6,450.0	6,311.0	6,330.7	6,309.9	25.1	14.9	-89.58	-227.2	-191.6	896.9	867.2	29.64	30.257		
6,500.0	6,359.9	6,380.2	6,358.3	25.2	14.9	-89.59	-227.1	-181.2	896.9	867.1	29.74	30.161		
6,550.0	6,407.9	6,429.8	6,405.9	25.2	15.0	-89.60	-226.9	-167.5	896.9	867.0	29.81	30.083		
6,600.0	6,454.8	6,479.4	6,452.5	25.2	15.0	-89.61	-226.7	-150.5	896.9	867.0	29.88	30.015		
6,650.0	6,500.4	6,529.0	6,497.7	25.2	15.0	-89.62	-226.5	-130.3	896.9	866.9	29.95	29.945		
6,700.0	6,544.4	6,578.5	6,541.5	25.2	15.1	-89.63	-226.2	-107.0	896.9	866.8	30.03	29.862		
6,750.0	6,586.7	6,628.2	6,583.6	25.2	15.1	-89.65	-225.9	-80.8	896.9	866.7	30.15	29.748		
6,800.0	6,627.0	6,677.8	6,623.8	25.3	15.1	-89.67	-225.6	-51.7	896.9	866.5	30.31	29.586		
6,850.0	6,665.2	6,727.4	6,661.9	25.3	15.1	-89.69	-225.2	-19.9	896.9	866.3	30.55	29.357		
6,900.0	6,701.0	6,777.1	6,697.7	25.3	15.1	-89.71	-224.8	14.5	896.9	866.0	30.88	29.044		
6,950.0	6,734.3	6,826.8	6,731.0	25.3	15.2	-89.73	-224.4	51.4	896.9	865.5	31.32	28.632		
7,000.0	6,764.9	6,876.5	6,761.8	25.4	15.2	-89.75	-223.9	90.4	896.9	864.9	31.90	28.111		
7,050.0	6,792.7	6,926.2	6,789.7	25.4	15.6	-89.78	-223.4	131.6	896.9	864.2	32.64	27.481		
7,100.0	6,817.5	6,976.0	6,814.8	25.5	16.1	-89.80	-222.9	174.6	896.9	863.3	33.53	26.746		
7,150.0	6,839.3	7,025.8	6,836.8	25.6	16.7	-89.83	-222.4	219.2	896.8	862.2	34.60	25.921		
7,200.0	6,857.8	7,075.6	6,855.7	25.7	17.3	-89.85	-221.9	265.3	896.8	861.0	35.84	25.025		
7,250.0	6,873.0	7,125.5	6,871.3	25.9	18.1	-89.88	-221.3	312.6	896.8	859.6	37.24	24.082		
7,300.0	6,884.9	7,175.4	6,883.6	26.1	18.9	-89.91	-220.7	361.0	896.8	858.1	38.80	23.117		
7,319.9	6,888.7	7,195.2	6,887.6	26.2	19.2	-89.92	-220.5	380.4	896.8	857.4	39.46	22.729		
7,350.0	6,893.4	7,225.3	6,892.5	26.4	19.8	-89.94	-220.2	410.1	896.8	856.4	40.49	22.150		
7,400.0	6,898.5	7,275.2	6,898.0	26.8	20.7	-89.97	-219.6	459.7	896.8	854.5	42.30	21.203		
7,447.1	6,900.0	7,322.3	6,900.0	27.2	21.6	-90.00	-219.0	506.7	896.8	852.8	44.09	20.343		
7,500.0	6,900.0	7,375.2	6,900.0	27.8	22.7	-90.00	-218.4	559.6	896.8	850.7	46.19	19.415		
7,600.0	6,900.0	7,475.2	6,900.0	29.2	24.9	-90.00	-217.2	659.6	896.9	846.4	50.41	17.793		
7,700.0	6,900.0	7,575.2	6,900.0	30.9	27.1	-90.00	-216.1	759.6	896.9	842.0	54.86	16.348		
7,800.0	6,900.0	7,675.2	6,900.0	32.8	29.5	-90.00	-214.9	859.6	896.9	837.3	59.51	15.070		
7,900.0	6,900.0	7,775.2	6,900.0	34.9	31.9	-90.00	-213.7	959.6	896.9	832.5	64.32	13.944		
8,000.0	6,900.0	7,875.2	6,900.0	37.1	34.4	-90.00	-212.5	1,059.6	896.9	827.6	69.24	12.952		
8,100.0	6,900.0	7,975.2	6,900.0	39.4	36.9	-90.00	-211.4	1,159.6	896.9	822.6	74.27	12.076		
8,200.0	6,900.0	8,075.2	6,900.0	41.8	39.5	-90.00	-210.2	1,259.6	896.9	817.5	79.37	11.300		
8,300.0	6,900.0	8,175.2	6,900.0	44.2	42.1	-90.00	-209.0	1,359.6	896.9	812.3	84.54	10.609		
8,400.0	6,900.0	8,275.2	6,900.0	46.7	44.7	-90.00	-207.8	1,459.6	896.9	807.1	89.76	9.992		
8,500.0	6,900.0	8,375.2	6,900.0	49.2	47.4	-90.00	-206.7	1,559.6	896.9	801.8	95.02	9.439		

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 44-2N-A
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 44-2N-A	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	
8,600.0	6,900.0	8,475.2	6,900.0	51.8	50.0	-90.00	-205.5	1,659.5	896.9	796.5	100.32	8.940	
8,700.0	6,900.0	8,575.2	6,900.0	54.3	52.7	-90.00	-204.3	1,759.5	896.9	791.2	105.65	8.489	
8,800.0	6,900.0	8,675.2	6,900.0	56.9	55.4	-90.00	-203.1	1,859.5	896.9	785.9	111.02	8.079	
8,900.0	6,900.0	8,775.2	6,900.0	59.6	58.1	-90.00	-202.0	1,959.5	896.9	780.5	116.40	7.705	
9,000.0	6,900.0	8,875.2	6,900.0	62.2	60.8	-90.00	-200.8	2,059.5	896.9	775.1	121.80	7.363	
9,100.0	6,900.0	8,975.2	6,900.0	64.9	63.5	-90.00	-199.6	2,159.5	896.9	769.6	127.23	7.049	
9,200.0	6,900.0	9,075.2	6,900.0	67.5	66.2	-90.00	-198.5	2,259.5	896.9	764.2	132.66	6.760	
9,300.0	6,900.0	9,175.2	6,900.0	70.2	69.0	-90.00	-197.3	2,359.5	896.9	758.8	138.12	6.494	
9,400.0	6,900.0	9,275.2	6,900.0	72.9	71.7	-90.00	-196.1	2,459.5	896.9	753.3	143.58	6.246	
9,500.0	6,900.0	9,375.2	6,900.0	75.6	74.4	-90.00	-194.9	2,559.5	896.9	747.8	149.06	6.017	
9,600.0	6,900.0	9,475.2	6,900.0	78.3	77.2	-90.00	-193.8	2,659.5	896.9	742.3	154.54	5.804	
9,700.0	6,900.0	9,575.2	6,900.0	81.0	79.9	-90.00	-192.6	2,759.5	896.9	736.8	160.03	5.604	
9,800.0	6,900.0	9,675.2	6,900.0	83.7	82.7	-90.00	-191.4	2,859.5	896.9	731.3	165.53	5.418	
9,900.0	6,900.0	9,775.2	6,900.0	86.4	85.4	-90.00	-190.2	2,959.5	896.9	725.8	171.04	5.244	
10,000.0	6,900.0	9,875.2	6,900.0	89.2	88.2	-90.00	-189.1	3,059.4	896.9	720.3	176.56	5.080	
10,100.0	6,900.0	9,975.2	6,900.0	91.9	91.0	-90.00	-187.9	3,159.4	896.9	714.8	182.08	4.926	
10,200.0	6,900.0	10,075.2	6,900.0	94.6	93.7	-90.00	-186.7	3,259.4	896.9	709.3	187.60	4.781	
10,300.0	6,900.0	10,175.2	6,900.0	97.4	96.5	-90.00	-185.6	3,359.4	896.9	703.8	193.13	4.644	
10,400.0	6,900.0	10,275.2	6,900.0	100.1	99.3	-90.00	-184.4	3,459.4	896.9	698.2	198.67	4.514	
10,500.0	6,900.0	10,375.2	6,900.0	102.9	102.0	-90.00	-183.2	3,559.4	896.9	692.7	204.21	4.392	
10,600.0	6,900.0	10,475.2	6,900.0	105.6	104.8	-90.00	-182.0	3,659.4	896.9	687.1	209.75	4.276	
10,700.0	6,900.0	10,575.2	6,900.0	108.4	107.6	-90.00	-180.9	3,759.4	896.9	681.6	215.30	4.166	
10,800.0	6,900.0	10,675.2	6,900.0	111.1	110.4	-90.00	-179.7	3,859.4	896.9	676.0	220.85	4.061	
10,900.0	6,900.0	10,775.2	6,900.0	113.9	113.1	-90.00	-178.5	3,959.4	896.9	670.5	226.40	3.962	
11,000.0	6,900.0	10,875.2	6,900.0	116.7	115.9	-90.00	-177.3	4,059.4	896.9	664.9	231.95	3.867	
11,100.0	6,900.0	10,975.2	6,900.0	119.4	118.7	-90.00	-176.2	4,159.4	896.9	659.4	237.51	3.776	
11,200.0	6,900.0	11,075.2	6,900.0	122.2	121.5	-90.00	-175.0	4,259.4	896.9	653.8	243.07	3.690	
11,300.0	6,900.0	11,175.2	6,900.0	125.0	124.3	-90.00	-173.8	4,359.4	896.9	648.3	248.63	3.607	
11,400.0	6,900.0	11,275.2	6,900.0	127.7	127.1	-90.00	-172.6	4,459.4	896.9	642.7	254.20	3.528	
11,500.0	6,900.0	11,375.2	6,900.0	130.5	129.8	-90.00	-171.5	4,559.3	896.9	637.1	259.77	3.453	
11,520.7	6,900.0	11,396.0	6,900.0	131.1	130.4	-90.00	-171.2	4,580.1	896.9	636.0	260.92	3.437 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	-179.20	-20.0	-0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	-179.20	-20.0	-0.3	20.0	19.8	0.22	89.136		
200.0	200.0	200.0	200.0	0.3	0.3	-179.20	-20.0	-0.3	20.0	19.4	0.67	29.712		
300.0	300.0	300.0	300.0	0.6	0.6	-179.20	-20.0	-0.3	20.0	18.9	1.12	17.827		
400.0	400.0	400.0	400.0	0.8	0.8	-179.20	-20.0	-0.3	20.0	18.5	1.57	12.734 CC, ES		
500.0	500.0	499.5	499.4	1.0	1.0	-178.74	-21.3	-0.5	21.3	19.3	2.00	10.684		
600.0	600.0	598.8	598.7	1.2	1.2	-177.63	-25.1	-1.0	25.2	22.8	2.41	10.459		
700.0	700.0	697.9	697.6	1.4	1.4	-6.68	-31.5	-2.0	30.4	27.6	2.81	10.820		
800.0	799.9	796.9	796.2	1.6	1.6	-6.10	-40.4	-3.3	35.5	32.3	3.20	11.108		
900.0	899.7	895.8	894.4	1.8	1.9	-5.76	-51.8	-5.0	40.7	37.1	3.61	11.269		
1,000.0	999.3	994.6	992.2	2.0	2.2	-5.59	-65.7	-7.1	45.8	41.8	4.03	11.348		
1,100.0	1,098.6	1,093.2	1,089.4	2.3	2.5	-5.53	-82.1	-9.5	50.9	46.4	4.47	11.370		
1,200.0	1,197.5	1,191.7	1,186.1	2.6	2.9	-5.56	-100.9	-12.4	55.9	51.0	4.93	11.350		
1,300.0	1,296.1	1,290.1	1,282.0	2.9	3.3	-5.64	-122.1	-15.5	61.0	55.6	5.39	11.299		
1,400.0	1,394.2	1,388.3	1,377.3	3.2	3.7	-5.78	-145.8	-19.1	65.9	60.1	5.88	11.222		
1,500.0	1,491.7	1,488.1	1,473.8	3.6	4.2	-6.02	-171.2	-22.9	69.8	63.4	6.37	10.944		
1,584.2	1,573.3	1,572.3	1,555.1	4.0	4.6	-6.39	-192.6	-26.1	71.0	64.2	6.80	10.436		
1,600.0	1,588.6	1,588.1	1,570.4	4.1	4.7	-6.47	-196.7	-26.7	71.0	64.1	6.89	10.316		
1,700.0	1,685.3	1,688.1	1,667.0	4.6	5.2	-7.00	-222.1	-30.5	71.4	63.9	7.42	9.618		
1,800.0	1,782.0	1,788.1	1,763.7	5.0	5.8	-7.52	-247.6	-34.3	71.7	63.8	7.97	9.003		
1,900.0	1,878.7	1,888.1	1,860.3	5.5	6.3	-8.04	-273.1	-38.1	72.1	63.6	8.52	8.459		
2,000.0	1,975.4	1,988.1	1,956.9	6.0	6.8	-8.55	-298.5	-41.9	72.4	63.4	9.09	7.974		
2,100.0	2,072.1	2,088.1	2,053.5	6.5	7.3	-9.06	-324.0	-45.7	72.8	63.2	9.66	7.540		
2,200.0	2,168.8	2,188.1	2,150.2	7.1	7.8	-9.56	-349.5	-49.5	73.2	63.0	10.24	7.150		
2,300.0	2,265.5	2,288.1	2,246.8	7.6	8.4	-10.05	-374.9	-53.3	73.6	62.7	10.82	6.798		
2,400.0	2,362.2	2,388.1	2,343.4	8.1	8.9	-10.55	-400.4	-57.1	74.0	62.5	11.42	6.478		
2,500.0	2,458.9	2,488.1	2,440.0	8.6	9.4	-11.03	-425.8	-60.9	74.4	62.3	12.02	6.187		
2,600.0	2,555.6	2,588.1	2,536.7	9.1	10.0	-11.51	-451.3	-64.7	74.7	62.1	12.62	5.921		
2,700.0	2,652.3	2,688.1	2,633.3	9.7	10.5	-11.99	-476.8	-68.5	75.2	61.9	13.24	5.677		
2,800.0	2,749.0	2,788.1	2,729.9	10.2	11.0	-12.46	-502.2	-72.3	75.6	61.7	13.86	5.453		
2,900.0	2,845.7	2,888.1	2,826.5	10.7	11.6	-12.92	-527.7	-76.1	76.0	61.5	14.48	5.245		
3,000.0	2,942.4	2,988.1	2,923.2	11.2	12.1	-13.38	-553.2	-79.9	76.4	61.3	15.12	5.053		
3,100.0	3,039.1	3,088.1	3,019.8	11.8	12.7	-13.84	-578.6	-83.7	76.8	61.1	15.76	4.875		
3,200.0	3,135.8	3,188.1	3,116.4	12.3	13.2	-14.29	-604.1	-87.5	77.2	60.8	16.40	4.709		
3,300.0	3,232.5	3,288.1	3,213.0	12.8	13.7	-14.73	-629.6	-91.3	77.7	60.6	17.05	4.555		
3,400.0	3,329.2	3,388.1	3,309.7	13.4	14.3	-15.17	-655.0	-95.1	78.1	60.4	17.71	4.410		
3,500.0	3,425.9	3,488.1	3,406.3	13.9	14.8	-15.61	-680.5	-98.9	78.5	60.2	18.38	4.275		
3,600.0	3,522.6	3,588.1	3,502.9	14.4	15.3	-16.04	-706.0	-102.7	79.0	59.9	19.05	4.148		
3,700.0	3,619.3	3,688.1	3,599.5	14.9	15.9	-16.47	-731.4	-106.5	79.4	59.7	19.72	4.028		
3,800.0	3,716.0	3,788.1	3,696.2	15.5	16.4	-16.89	-756.9	-110.3	79.9	59.5	20.40	3.916		
3,900.0	3,812.7	3,888.1	3,792.8	16.0	17.0	-17.30	-782.4	-114.1	80.4	59.3	21.09	3.809		
4,000.0	3,909.4	3,988.1	3,889.4	16.5	17.5	-17.71	-807.8	-118.0	80.8	59.0	21.79	3.709		
4,100.0	4,006.1	4,088.1	3,986.0	17.1	18.0	-18.12	-833.3	-121.8	81.3	58.8	22.49	3.614		
4,200.0	4,102.8	4,188.1	4,082.7	17.6	18.6	-18.52	-858.7	-125.6	81.8	58.6	23.20	3.525		
4,300.0	4,199.5	4,288.1	4,179.3	18.1	19.1	-18.92	-884.2	-129.4	82.2	58.3	23.91	3.439		
4,400.0	4,296.2	4,388.1	4,275.9	18.7	19.6	-19.31	-909.7	-133.2	82.7	58.1	24.63	3.359		
4,500.0	4,392.9	4,488.1	4,372.6	19.2	20.2	-19.70	-935.1	-137.0	83.2	57.8	25.35	3.282		
4,600.0	4,489.6	4,588.1	4,469.2	19.7	20.7	-20.08	-960.6	-140.8	83.7	57.6	26.08	3.208		
4,700.0	4,586.3	4,688.0	4,565.8	20.3	21.3	-20.46	-986.1	-144.6	84.2	57.4	26.82	3.139		
4,800.0	4,683.0	4,788.0	4,662.4	20.8	21.8	-20.84	-1,011.5	-148.4	84.7	57.1	27.56	3.072		
4,900.0	4,779.7	4,888.0	4,759.1	21.3	22.3	-21.21	-1,037.0	-152.2	85.2	56.9	28.30	3.009		
5,000.0	4,876.4	4,988.0	4,855.7	21.9	22.9	-21.57	-1,062.5	-156.0	85.7	56.6	29.06	2.948		

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 44-2N-A
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 44-2N-A	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	4,973.1	5,088.0	4,952.3	22.4	23.4	-21.94	-1,087.9	-159.8	86.2	56.4	29.81	2.890		
5,198.7	5,068.5	5,186.7	5,047.7	22.9	24.0	-22.29	-1,113.1	-163.5	86.7	56.1	30.57	2.835		
5,200.0	5,069.8	5,188.0	5,048.9	22.9	24.0	-22.29	-1,113.4	-163.6	86.7	56.1	30.58	2.835		
5,300.0	5,166.9	5,288.0	5,145.5	23.3	24.5	-22.22	-1,138.8	-167.4	88.8	57.7	31.15	2.852		
5,400.0	5,264.8	5,387.8	5,242.0	23.6	25.0	-21.37	-1,164.3	-171.2	94.2	62.8	31.46	2.995		
5,500.0	5,363.4	5,487.4	5,338.2	23.9	25.6	-19.96	-1,189.6	-175.0	102.9	71.4	31.57	3.261		
5,600.0	5,462.5	5,586.6	5,434.1	24.1	26.1	-18.23	-1,214.9	-178.8	115.0	83.4	31.55	3.645		
5,700.0	5,562.0	5,685.3	5,529.5	24.3	26.6	-16.42	-1,240.0	-182.5	130.4	99.0	31.47	4.145		
5,800.0	5,661.8	5,786.9	5,627.8	24.5	27.1	-14.67	-1,265.1	-186.3	148.6	117.2	31.37	4.736		
5,900.0	5,761.7	5,890.7	5,729.1	24.6	27.5	-13.25	-1,287.4	-189.6	166.9	135.6	31.28	5.336		
5,936.8	5,798.5	5,929.1	5,766.8	24.7	27.6	177.24	-1,294.7	-190.7	173.6	122.1	51.59	3.366		
6,000.0	5,861.7	5,995.4	5,832.1	24.7	27.8	177.95	-1,306.2	-192.4	184.5	132.6	51.93	3.553		
6,100.0	5,961.7	6,101.3	5,936.9	24.8	28.0	178.77	-1,321.4	-194.7	198.8	146.4	52.37	3.796		
6,200.0	6,061.7	6,208.2	6,043.2	24.9	28.3	179.31	-1,332.8	-196.4	209.5	156.7	52.73	3.972		
6,300.0	6,161.7	6,315.9	6,150.5	25.0	28.4	179.63	-1,340.4	-197.5	216.5	163.4	53.03	4.082		
6,322.1	6,183.8	6,339.8	6,174.4	25.0	28.5	179.68	-1,341.5	-197.7	217.5	164.4	53.09	4.097		
6,350.0	6,211.7	6,369.9	6,204.5	25.1	28.5	90.46	-1,342.7	-197.8	218.6	186.3	32.24	6.779		
6,400.0	6,261.5	6,423.8	6,258.4	25.1	28.6	91.45	-1,343.9	-198.0	219.8	187.6	32.23	6.820		
6,450.0	6,311.0	6,476.4	6,311.0	25.1	28.6	93.37	-1,344.2	-198.1	220.4	188.3	32.08	6.870		
6,500.0	6,359.9	6,525.3	6,359.9	25.2	28.7	95.97	-1,344.2	-198.1	221.3	189.4	31.88	6.941		
6,550.0	6,407.9	6,573.3	6,407.9	25.2	28.7	99.25	-1,344.2	-198.1	223.2	191.5	31.71	7.040		
6,600.0	6,454.8	6,620.2	6,454.8	25.2	28.8	103.03	-1,344.2	-198.1	226.8	195.2	31.63	7.170		
6,650.0	6,500.4	6,665.8	6,500.4	25.2	28.8	107.11	-1,344.2	-198.1	232.6	201.0	31.65	7.349		
6,700.0	6,544.4	6,716.3	6,550.8	25.2	28.8	111.70	-1,344.2	-196.5	240.8	209.0	31.77	7.579		
6,750.0	6,586.7	6,769.1	6,603.4	25.2	28.9	116.07	-1,344.2	-191.1	250.6	218.8	31.87	7.865		
6,800.0	6,627.0	6,824.1	6,657.5	25.3	28.9	120.15	-1,344.0	-181.4	261.9	230.0	31.84	8.224		
6,850.0	6,665.2	6,881.5	6,712.9	25.3	28.9	123.92	-1,343.9	-166.9	274.2	242.6	31.62	8.672		
6,900.0	6,701.0	6,941.4	6,769.5	25.3	29.0	127.37	-1,343.6	-147.0	287.2	256.1	31.15	9.219		
6,950.0	6,734.3	7,004.2	6,826.7	25.3	29.0	130.51	-1,343.3	-121.2	300.7	270.2	30.45	9.875		
7,000.0	6,764.9	7,070.0	6,884.0	25.4	29.0	133.35	-1,343.0	-88.8	314.2	284.7	29.51	10.647		
7,050.0	6,792.7	7,139.1	6,940.7	25.4	29.0	135.89	-1,342.5	-49.4	327.5	299.1	28.37	11.544		
7,100.0	6,817.5	7,211.5	6,995.8	25.5	29.0	138.14	-1,341.9	-2.4	340.2	313.1	27.09	12.556		
7,150.0	6,839.3	7,287.5	7,048.1	25.6	29.0	140.10	-1,341.3	52.6	352.0	326.3	25.68	13.706		
7,200.0	6,857.8	7,366.9	7,096.2	25.7	29.1	141.76	-1,340.6	115.6	362.6	338.3	24.38	14.875		
7,250.0	6,873.0	7,449.5	7,138.6	25.9	29.2	143.12	-1,339.7	186.5	371.7	348.6	23.17	16.042		
7,300.0	6,884.9	7,535.0	7,173.6	26.1	29.4	144.18	-1,338.8	264.5	379.0	356.8	22.23	17.049		
7,350.0	6,893.4	7,622.8	7,199.6	26.4	29.6	144.93	-1,337.8	348.3	384.4	362.7	21.68	17.725		
7,400.0	6,898.5	7,712.3	7,215.3	26.8	30.0	145.37	-1,336.8	436.4	387.5	365.9	21.63	17.914		
7,447.1	6,900.0	7,796.0	7,220.0	27.2	30.6	145.49	-1,335.8	519.8	388.3	366.3	22.06	17.601		
7,500.0	6,900.0	7,848.9	7,220.0	27.8	31.0	145.49	-1,335.2	572.7	388.3	364.9	23.45	16.561		
7,600.0	6,900.0	7,948.9	7,220.0	29.2	32.0	145.49	-1,334.0	672.7	388.3	362.2	26.18	14.835		
7,700.0	6,900.0	8,048.9	7,220.0	30.9	33.4	145.49	-1,332.9	772.7	388.3	359.3	29.05	13.368		
7,800.0	6,900.0	8,148.9	7,220.0	32.8	35.0	145.49	-1,331.7	872.7	388.3	356.3	32.03	12.125		
7,900.0	6,900.0	8,248.9	7,220.0	34.9	36.8	145.49	-1,330.5	972.7	388.3	353.3	35.09	11.068		
8,000.0	6,900.0	8,348.9	7,220.0	37.1	38.8	145.49	-1,329.3	1,072.7	388.3	350.1	38.20	10.165		
8,100.0	6,900.0	8,448.9	7,220.0	39.4	41.0	145.49	-1,328.2	1,172.7	388.3	347.0	41.37	9.388		
8,200.0	6,900.0	8,548.9	7,220.0	41.8	43.2	145.49	-1,327.0	1,272.7	388.3	343.8	44.57	8.714		
8,300.0	6,900.0	8,648.9	7,220.0	44.2	45.5	145.49	-1,325.8	1,372.7	388.3	340.6	47.79	8.125		
8,400.0	6,900.0	8,748.9	7,220.0	46.7	47.9	145.49	-1,324.7	1,472.7	388.3	337.3	51.05	7.608		
8,500.0	6,900.0	8,848.9	7,220.0	49.2	50.4	145.49	-1,323.5	1,572.6	388.3	334.0	54.32	7.150		
8,600.0	6,900.0	8,948.9	7,220.0	51.8	52.8	145.49	-1,322.3	1,672.6	388.3	330.7	57.61	6.742		
8,700.0	6,900.0	9,048.9	7,220.0	54.3	55.4	145.49	-1,321.1	1,772.6	388.3	327.4	60.91	6.376		

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 44-2N-A
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 44-2N-A	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	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	9,148.9	7,220.0	56.9	57.9	145.49	-1,320.0	1,872.6	388.3	324.1	64.22	6.047			
8,900.0	6,900.0	9,248.9	7,220.0	59.6	60.5	145.49	-1,318.8	1,972.6	388.3	320.8	67.54	5.750			
9,000.0	6,900.0	9,348.9	7,220.0	62.2	63.1	145.49	-1,317.6	2,072.6	388.3	317.5	70.87	5.480			
9,100.0	6,900.0	9,448.9	7,220.0	64.9	65.7	145.49	-1,316.5	2,172.6	388.3	314.1	74.21	5.233			
9,200.0	6,900.0	9,548.9	7,220.0	67.5	68.3	145.49	-1,315.3	2,272.6	388.3	310.8	77.55	5.008			
9,300.0	6,900.0	9,648.9	7,220.0	70.2	71.0	145.49	-1,314.1	2,372.6	388.3	307.4	80.90	4.800			
9,400.0	6,900.0	9,748.9	7,220.0	72.9	73.6	145.49	-1,312.9	2,472.6	388.3	304.1	84.25	4.609			
9,500.0	6,900.0	9,848.9	7,220.0	75.6	76.3	145.49	-1,311.8	2,572.6	388.3	300.7	87.61	4.433			
9,600.0	6,900.0	9,948.9	7,220.0	78.3	79.0	145.49	-1,310.6	2,672.6	388.3	297.4	90.97	4.269			
9,700.0	6,900.0	10,048.9	7,220.0	81.0	81.6	145.49	-1,309.4	2,772.6	388.3	294.0	94.34	4.117			
9,800.0	6,900.0	10,148.9	7,220.0	83.7	84.3	145.49	-1,308.3	2,872.6	388.3	290.6	97.71	3.975			
9,900.0	6,900.0	10,248.9	7,220.0	86.4	87.0	145.49	-1,307.1	2,972.6	388.3	287.3	101.08	3.842			
10,000.0	6,900.0	10,348.9	7,220.0	89.2	89.7	145.49	-1,305.9	3,072.5	388.3	283.9	104.45	3.718			
10,100.0	6,900.0	10,448.9	7,220.0	91.9	92.5	145.49	-1,304.7	3,172.5	388.3	280.5	107.83	3.602			
10,200.0	6,900.0	10,548.9	7,220.0	94.6	95.2	145.49	-1,303.6	3,272.5	388.3	277.1	111.20	3.492			
10,300.0	6,900.0	10,648.9	7,220.0	97.4	97.9	145.49	-1,302.4	3,372.5	388.3	273.8	114.58	3.389			
10,400.0	6,900.0	10,748.9	7,220.0	100.1	100.6	145.49	-1,301.2	3,472.5	388.3	270.4	117.97	3.292			
10,500.0	6,900.0	10,848.9	7,220.0	102.9	103.4	145.49	-1,300.0	3,572.5	388.3	267.0	121.35	3.200			
10,600.0	6,900.0	10,948.9	7,220.0	105.6	106.1	145.49	-1,298.9	3,672.5	388.3	263.6	124.73	3.113			
10,700.0	6,900.0	11,048.9	7,220.0	108.4	108.8	145.49	-1,297.7	3,772.5	388.3	260.2	128.12	3.031			
10,800.0	6,900.0	11,148.9	7,220.0	111.1	111.6	145.49	-1,296.5	3,872.5	388.3	256.8	131.50	2.953			
10,900.0	6,900.0	11,248.9	7,220.0	113.9	114.3	145.49	-1,295.4	3,972.5	388.3	253.5	134.89	2.879			
11,000.0	6,900.0	11,348.9	7,220.0	116.7	117.1	145.49	-1,294.2	4,072.5	388.3	250.1	138.28	2.808			
11,100.0	6,900.0	11,448.9	7,220.0	119.4	119.8	145.49	-1,293.0	4,172.5	388.3	246.7	141.67	2.741			
11,200.0	6,900.0	11,548.9	7,220.0	122.2	122.6	145.49	-1,291.8	4,272.5	388.3	243.3	145.06	2.677			
11,300.0	6,900.0	11,648.9	7,220.0	125.0	125.3	145.49	-1,290.7	4,372.5	388.3	239.9	148.45	2.616			
11,400.0	6,900.0	11,748.9	7,220.0	127.7	128.1	145.49	-1,289.5	4,472.5	388.3	236.5	151.85	2.558			
11,500.0	6,900.0	11,848.9	7,220.0	130.5	130.9	145.49	-1,288.3	4,572.4	388.3	233.1	155.24	2.502			
11,507.5	6,900.0	11,856.4	7,220.0	130.7	131.1	145.49	-1,288.2	4,580.0	388.3	232.9	155.50	2.497			
11,520.7	6,900.0	11,867.6	7,220.0	131.1	131.4	145.49	-1,288.1	4,591.2	388.4	232.4	155.91	2.491 SF			

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	39.8	0.22	178.237		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-40.1	0.0	40.1	39.4	0.67	59.412 CC, ES		
300.0	298.9	298.9	298.9	0.6	0.5	-179.78	-41.3	-0.2	41.3	40.2	1.10	37.616		
400.0	400.0	397.8	397.7	0.8	0.7	-179.18	-45.1	-0.6	45.2	43.7	1.53	29.632		
500.0	500.0	496.3	496.0	1.0	1.0	-178.39	-51.5	-1.4	51.6	49.7	1.97	26.256		
600.0	600.0	594.5	593.8	1.2	1.2	-177.56	-60.3	-2.6	60.6	58.2	2.42	25.094		
700.0	700.0	692.3	690.9	1.4	1.5	-6.94	-71.5	-4.0	70.9	68.0	2.83	25.014		
800.0	799.9	789.8	787.5	1.6	1.8	-6.54	-85.1	-5.7	81.1	77.8	3.25	24.985		
900.0	899.7	887.1	883.4	1.8	2.2	-6.31	-101.2	-7.8	91.3	87.6	3.68	24.827		
1,000.0	999.3	984.1	978.6	2.0	2.5	-6.20	-119.6	-10.1	101.4	97.2	4.12	24.595		
1,100.0	1,098.6	1,080.9	1,073.2	2.3	3.0	-6.17	-140.4	-12.8	111.4	106.8	4.58	24.317		
1,200.0	1,197.5	1,177.5	1,166.9	2.6	3.4	-6.20	-163.5	-15.7	121.3	116.3	5.05	24.008		
1,300.0	1,296.1	1,273.8	1,259.8	2.9	3.9	-6.28	-188.8	-18.9	131.2	125.7	5.54	23.674		
1,400.0	1,394.2	1,369.9	1,351.7	3.2	4.5	-6.40	-216.4	-22.4	141.0	134.9	6.04	23.339		
1,500.0	1,491.7	1,467.6	1,444.6	3.6	5.0	-6.56	-246.5	-26.2	150.4	143.8	6.56	22.909		
1,584.2	1,573.3	1,551.6	1,524.3	4.0	5.6	-6.76	-272.7	-29.6	156.6	149.6	7.02	22.313		
1,600.0	1,588.6	1,567.4	1,539.3	4.1	5.6	-6.81	-277.6	-30.2	157.6	150.5	7.11	22.176		
1,700.0	1,685.3	1,667.2	1,634.0	4.6	6.3	-7.08	-308.7	-34.1	163.8	156.2	7.67	21.372		
1,800.0	1,782.0	1,767.0	1,728.8	5.0	6.9	-7.34	-339.8	-38.1	170.1	161.9	8.24	20.656		
1,900.0	1,878.7	1,866.8	1,823.5	5.5	7.5	-7.58	-370.8	-42.0	176.4	167.6	8.81	20.017		
2,000.0	1,975.4	1,966.6	1,918.3	6.0	8.1	-7.80	-401.9	-46.0	182.7	173.3	9.40	19.443		
2,100.0	2,072.1	2,066.4	2,013.1	6.5	8.8	-8.01	-433.0	-49.9	189.0	179.0	9.98	18.926		
2,200.0	2,168.8	2,166.2	2,107.8	7.1	9.4	-8.20	-464.1	-53.9	195.2	184.7	10.58	18.459		
2,300.0	2,265.5	2,266.0	2,202.6	7.6	10.0	-8.38	-495.2	-57.8	201.5	190.4	11.17	18.035		
2,400.0	2,362.2	2,365.8	2,297.3	8.1	10.6	-8.55	-526.2	-61.8	207.8	196.0	11.77	17.650		
2,500.0	2,458.9	2,465.6	2,392.1	8.6	11.3	-8.71	-557.3	-65.7	214.1	201.7	12.38	17.297		
2,600.0	2,555.6	2,565.4	2,486.8	9.1	11.9	-8.86	-588.4	-69.7	220.4	207.4	12.98	16.974		
2,700.0	2,652.3	2,665.2	2,581.6	9.7	12.5	-9.01	-619.5	-73.6	226.7	213.1	13.59	16.677		
2,800.0	2,749.0	2,765.0	2,676.3	10.2	13.2	-9.14	-650.6	-77.6	233.0	218.8	14.20	16.403		
2,900.0	2,845.7	2,864.8	2,771.1	10.7	13.8	-9.27	-681.7	-81.5	239.3	224.5	14.82	16.149		
3,000.0	2,942.4	2,964.6	2,865.8	11.2	14.4	-9.39	-712.7	-85.5	245.6	230.1	15.43	15.914		
3,100.0	3,039.1	3,064.4	2,960.6	11.8	15.1	-9.51	-743.8	-89.4	251.9	235.8	16.05	15.696		
3,200.0	3,135.8	3,164.2	3,055.4	12.3	15.7	-9.62	-774.9	-93.4	258.2	241.5	16.66	15.492		
3,300.0	3,232.5	3,264.0	3,150.1	12.8	16.3	-9.72	-806.0	-97.3	264.5	247.2	17.28	15.301		
3,400.0	3,329.2	3,363.8	3,244.9	13.4	17.0	-9.82	-837.1	-101.3	270.8	252.9	17.90	15.123		
3,500.0	3,425.9	3,463.6	3,339.6	13.9	17.6	-9.92	-868.1	-105.2	277.1	258.5	18.52	14.956		
3,600.0	3,522.6	3,563.4	3,434.4	14.4	18.3	-10.01	-899.2	-109.2	283.4	264.2	19.15	14.799		
3,700.0	3,619.3	3,663.2	3,529.1	14.9	18.9	-10.10	-930.3	-113.1	289.7	269.9	19.77	14.651		
3,800.0	3,716.0	3,763.0	3,623.9	15.5	19.5	-10.18	-961.4	-117.1	296.0	275.6	20.39	14.512		
3,900.0	3,812.7	3,862.8	3,718.6	16.0	20.2	-10.26	-992.5	-121.0	302.3	281.3	21.02	14.380		
4,000.0	3,909.4	3,962.6	3,813.4	16.5	20.8	-10.34	-1,023.5	-125.0	308.6	286.9	21.65	14.256		
4,100.0	4,006.1	4,062.4	3,908.2	17.1	21.4	-10.41	-1,054.6	-128.9	314.9	292.6	22.27	14.138		
4,200.0	4,102.8	4,162.2	4,002.9	17.6	22.1	-10.48	-1,085.7	-132.9	321.2	298.3	22.90	14.026		
4,300.0	4,199.5	4,262.0	4,097.7	18.1	22.7	-10.55	-1,116.8	-136.8	327.5	304.0	23.53	13.920		
4,400.0	4,296.2	4,361.8	4,192.4	18.7	23.3	-10.61	-1,147.9	-140.8	333.8	309.6	24.16	13.818		
4,500.0	4,392.9	4,461.6	4,287.2	19.2	24.0	-10.68	-1,179.0	-144.7	340.1	315.3	24.78	13.722		
4,600.0	4,489.6	4,561.4	4,381.9	19.7	24.6	-10.74	-1,210.0	-148.7	346.4	321.0	25.41	13.630		
4,700.0	4,586.3	4,661.2	4,476.7	20.3	25.3	-10.79	-1,241.1	-152.6	352.7	326.7	26.04	13.543		
4,800.0	4,683.0	4,761.0	4,571.4	20.8	25.9	-10.85	-1,272.2	-156.6	359.0	332.3	26.67	13.459		
4,900.0	4,779.7	4,860.8	4,666.2	21.3	26.5	-10.91	-1,303.3	-160.5	365.3	338.0	27.31	13.379		
5,000.0	4,876.4	4,960.6	4,760.9	21.9	27.2	-10.96	-1,334.4	-164.5	371.6	343.7	27.94	13.303		

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 44-2N-A
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 44-2N-A	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	4,973.1	5,060.4	4,855.7	22.4	27.8	-11.01	-1,365.4	-168.4	377.9	349.4	28.57	13.229		
5,198.7	5,068.5	5,158.9	4,949.2	22.9	28.4	-11.06	-1,396.1	-172.3	384.2	355.0	29.19	13.160		
5,200.0	5,069.8	5,160.2	4,950.5	22.9	28.4	-11.06	-1,396.5	-172.4	384.3	355.1	29.20	13.159		
5,300.0	5,166.9	5,259.9	5,045.1	23.3	29.1	-11.09	-1,427.6	-176.3	392.3	362.6	29.76	13.183		
5,400.0	5,264.8	5,365.8	5,145.8	23.6	29.7	-11.03	-1,460.2	-180.5	403.4	373.2	30.26	13.332		
5,500.0	5,363.4	5,461.5	5,256.9	23.9	30.2	-10.94	-1,492.2	-184.5	414.7	384.0	30.69	13.512		
5,600.0	5,462.5	5,597.8	5,369.8	24.1	30.6	-10.85	-1,519.9	-188.1	425.4	394.4	31.05	13.702		
5,700.0	5,562.0	5,714.7	5,484.3	24.3	31.0	-10.74	-1,543.0	-191.0	435.5	404.2	31.33	13.901		
5,800.0	5,661.8	5,832.1	5,600.2	24.5	31.3	-10.62	-1,561.7	-193.4	445.0	413.4	31.54	14.110		
5,900.0	5,761.7	5,950.1	5,717.3	24.6	31.5	-10.49	-1,575.6	-195.1	453.8	422.1	31.67	14.329		
5,936.8	5,798.5	5,993.6	5,760.7	24.7	31.6	179.59	-1,579.5	-195.6	456.9	401.0	55.89	8.175		
6,000.0	5,861.7	6,068.5	5,835.4	24.7	31.7	179.68	-1,584.8	-196.3	461.3	405.2	56.08	8.226		
6,100.0	5,961.7	6,187.5	5,954.4	24.8	31.9	179.75	-1,589.1	-196.9	465.0	408.6	56.31	8.257		
6,200.0	6,061.7	6,294.9	6,061.7	24.9	32.0	179.75	-1,589.5	-196.9	465.3	408.8	56.50	8.235		
6,300.0	6,161.7	6,394.9	6,161.7	25.0	32.0	179.75	-1,589.5	-196.9	465.3	408.6	56.66	8.211		
6,322.1	6,183.8	6,417.0	6,183.8	25.0	32.1	179.75	-1,589.5	-196.9	465.3	408.6	56.70	8.206		
6,350.0	6,211.7	6,445.0	6,211.8	25.1	32.1	90.42	-1,589.5	-196.4	465.3	432.3	32.99	14.104		
6,400.0	6,261.5	6,495.1	6,261.8	25.1	32.1	90.42	-1,589.4	-192.6	465.3	432.2	33.11	14.053		
6,450.0	6,311.0	6,545.3	6,311.4	25.1	32.1	90.42	-1,589.4	-185.4	465.3	432.1	33.21	14.012		
6,500.0	6,359.9	6,595.4	6,360.4	25.2	32.2	90.41	-1,589.3	-174.8	465.3	432.0	33.28	13.982		
6,550.0	6,407.9	6,645.5	6,408.5	25.2	32.2	90.40	-1,589.1	-160.7	465.4	432.0	33.34	13.960		
6,600.0	6,454.8	6,695.7	6,455.5	25.2	32.2	90.39	-1,589.0	-143.4	465.4	432.0	33.38	13.943		
6,650.0	6,500.4	6,745.8	6,501.2	25.2	32.2	90.38	-1,588.8	-122.7	465.5	432.1	33.42	13.928		
6,700.0	6,544.4	6,795.9	6,545.3	25.2	32.2	90.37	-1,588.6	-99.0	465.6	432.1	33.47	13.908		
6,750.0	6,586.7	6,846.1	6,587.7	25.2	32.2	90.35	-1,588.4	-72.2	465.6	432.1	33.55	13.878		
6,800.0	6,627.0	6,896.2	6,628.0	25.3	32.2	90.33	-1,588.1	-42.5	465.7	432.0	33.67	13.831		
6,850.0	6,665.2	6,946.3	6,666.2	25.3	32.2	90.31	-1,587.8	-10.1	465.8	432.0	33.85	13.759		
6,900.0	6,701.0	6,996.4	6,702.0	25.3	32.3	90.29	-1,587.5	24.9	465.9	431.8	34.12	13.655		
6,950.0	6,734.3	7,046.5	6,735.3	25.3	32.3	90.27	-1,587.2	62.4	466.0	431.5	34.49	13.510		
7,000.0	6,764.9	7,096.6	6,765.9	25.4	32.3	90.25	-1,586.8	102.0	466.1	431.2	34.99	13.322		
7,050.0	6,792.7	7,146.7	6,793.6	25.4	32.4	90.22	-1,586.5	143.7	466.3	430.6	35.63	13.085		
7,100.0	6,817.5	7,196.7	6,818.4	25.5	32.4	90.20	-1,586.1	187.2	466.4	430.0	36.43	12.802		
7,150.0	6,839.3	7,246.8	6,840.0	25.6	32.5	90.17	-1,585.7	232.4	466.5	429.1	37.39	12.476		
7,200.0	6,857.8	7,296.8	6,858.5	25.7	32.6	90.14	-1,585.3	278.9	466.7	428.1	38.52	12.114		
7,250.0	6,873.0	7,346.9	6,873.6	25.9	32.7	90.11	-1,584.9	326.6	466.8	427.0	39.82	11.724		
7,300.0	6,884.9	7,396.9	6,885.4	26.1	32.9	90.09	-1,584.4	375.2	466.9	425.7	41.26	11.317		
7,350.0	6,893.4	7,446.9	6,893.7	26.4	33.1	90.06	-1,584.0	424.5	467.1	424.2	42.85	10.901		
7,400.0	6,898.5	7,497.0	6,898.6	26.8	33.3	90.03	-1,583.6	474.3	467.2	422.7	44.55	10.487		
7,447.1	6,900.0	7,544.1	6,900.0	27.2	33.6	90.00	-1,583.2	521.3	467.4	421.1	46.25	10.105		
7,500.0	6,900.0	7,597.0	6,900.0	27.8	34.0	90.00	-1,582.7	574.2	467.5	419.3	48.25	9.690		
7,600.0	6,900.0	7,697.0	6,900.0	29.2	34.8	90.00	-1,581.8	674.2	467.8	415.5	52.28	8.948		
7,700.0	6,900.0	7,797.0	6,900.0	30.9	35.9	90.00	-1,581.0	774.2	468.1	411.5	56.58	8.273		
7,800.0	6,900.0	7,897.0	6,900.0	32.8	37.3	90.00	-1,580.1	874.2	468.4	407.3	61.10	7.667		
7,900.0	6,900.0	7,997.0	6,900.0	34.9	38.8	90.00	-1,579.2	974.2	468.7	402.9	65.78	7.126		
8,000.0	6,900.0	8,097.0	6,900.0	37.1	40.6	90.00	-1,578.3	1,074.2	469.0	398.4	70.60	6.644		
8,100.0	6,900.0	8,197.0	6,900.0	39.4	42.6	90.00	-1,577.4	1,174.2	469.3	393.8	75.52	6.214		
8,200.0	6,900.0	8,297.0	6,900.0	41.8	44.6	90.00	-1,576.6	1,274.2	469.6	389.1	80.54	5.831		
8,300.0	6,900.0	8,397.0	6,900.0	44.2	46.8	90.00	-1,575.7	1,374.2	469.9	384.3	85.63	5.488		
8,400.0	6,900.0	8,497.0	6,900.0	46.7	49.1	90.00	-1,574.8	1,474.2	470.2	379.4	90.78	5.180		
8,500.0	6,900.0	8,597.0	6,900.0	49.2	51.5	90.00	-1,573.9	1,574.2	470.5	374.5	95.98	4.902		
8,600.0	6,900.0	8,697.0	6,900.0	51.8	53.9	90.00	-1,573.1	1,674.2	470.8	369.6	101.23	4.651		
8,700.0	6,900.0	8,797.0	6,900.0	54.3	56.3	90.00	-1,572.2	1,774.2	471.1	364.6	106.51	4.423		

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 44-2N-A
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 44-2N-A	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		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,800.0	6,900.0	8,897.0	6,900.0	56.9	58.8	90.00	-1,571.3	1,874.2	471.4	359.6	111.83	4.215		
8,900.0	6,900.0	8,997.0	6,900.0	59.6	61.3	90.00	-1,570.4	1,974.2	471.7	354.5	117.17	4.026		
9,000.0	6,900.0	9,097.0	6,900.0	62.2	63.9	90.00	-1,569.6	2,074.2	472.0	349.4	122.54	3.852		
9,100.0	6,900.0	9,197.0	6,900.0	64.9	66.4	90.00	-1,568.7	2,174.2	472.3	344.3	127.93	3.692		
9,200.0	6,900.0	9,297.0	6,900.0	67.5	69.0	90.00	-1,567.8	2,274.2	472.6	339.2	133.33	3.544		
9,300.0	6,900.0	9,397.0	6,900.0	70.2	71.6	90.00	-1,566.9	2,374.2	472.9	334.1	138.75	3.408		
9,400.0	6,900.0	9,497.0	6,900.0	72.9	74.3	90.00	-1,566.1	2,474.2	473.2	329.0	144.19	3.281		
9,500.0	6,900.0	9,597.0	6,900.0	75.6	76.9	90.00	-1,565.2	2,574.2	473.4	323.8	149.64	3.164		
9,600.0	6,900.0	9,697.0	6,900.0	78.3	79.6	90.00	-1,564.3	2,674.1	473.7	318.6	155.10	3.054		
9,700.0	6,900.0	9,797.0	6,900.0	81.0	82.2	90.00	-1,563.4	2,774.1	474.0	313.5	160.57	2.952		
9,800.0	6,900.0	9,897.0	6,900.0	83.7	84.9	90.00	-1,562.6	2,874.1	474.3	308.3	166.05	2.857		
9,900.0	6,900.0	9,997.0	6,900.0	86.4	87.6	90.00	-1,561.7	2,974.1	474.6	303.1	171.54	2.767		
10,000.0	6,900.0	10,097.0	6,900.0	89.2	90.3	90.00	-1,560.8	3,074.1	474.9	297.9	177.04	2.683		
10,100.0	6,900.0	10,197.0	6,900.0	91.9	93.0	90.00	-1,559.9	3,174.1	475.2	292.7	182.54	2.603		
10,200.0	6,900.0	10,297.0	6,900.0	94.6	95.7	90.00	-1,559.0	3,274.1	475.5	287.5	188.05	2.529		
10,300.0	6,900.0	10,397.0	6,900.0	97.4	98.4	90.00	-1,558.2	3,374.1	475.8	282.2	193.57	2.458		
10,400.0	6,900.0	10,497.0	6,900.0	100.1	101.1	90.00	-1,557.3	3,474.1	476.1	277.0	199.09	2.391		
10,500.0	6,900.0	10,597.0	6,900.0	102.9	103.8	90.00	-1,556.4	3,574.1	476.4	271.8	204.62	2.328		
10,600.0	6,900.0	10,697.0	6,900.0	105.6	106.6	90.00	-1,555.5	3,674.1	476.7	266.6	210.15	2.268		
10,700.0	6,900.0	10,797.0	6,900.0	108.4	109.3	90.00	-1,554.7	3,774.1	477.0	261.3	215.68	2.212		
10,800.0	6,900.0	10,897.0	6,900.0	111.1	112.0	90.00	-1,553.8	3,874.1	477.3	256.1	221.22	2.158		
10,900.0	6,900.0	10,997.0	6,900.0	113.9	114.8	90.00	-1,552.9	3,974.1	477.6	250.8	226.76	2.106		
11,000.0	6,900.0	11,097.0	6,900.0	116.7	117.5	90.00	-1,552.0	4,074.1	477.9	245.6	232.31	2.057		
11,100.0	6,900.0	11,197.0	6,900.0	119.4	120.2	90.00	-1,551.2	4,174.1	478.2	240.3	237.85	2.010		
11,200.0	6,900.0	11,297.0	6,900.0	122.2	123.0	90.00	-1,550.3	4,274.1	478.5	235.1	243.41	1.966		
11,300.0	6,900.0	11,397.0	6,900.0	125.0	125.7	90.00	-1,549.4	4,374.1	478.8	229.8	248.96	1.923		
11,400.0	6,900.0	11,496.9	6,900.0	127.7	128.5	90.00	-1,548.5	4,474.1	479.1	224.6	254.52	1.882		
11,500.0	6,900.0	11,596.9	6,900.0	130.5	131.2	90.00	-1,547.7	4,574.1	479.4	219.3	260.07	1.843		
11,520.7	6,900.0	11,615.0	6,900.0	131.1	131.7	90.00	-1,547.5	4,592.1	479.4	218.3	261.15	1.836 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	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	39.9	0.22	178.328		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	40.1	0.0	40.1	39.4	0.67	59.443		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	40.1	0.0	40.1	39.0	1.12	35.666		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	40.1	0.0	40.1	38.5	1.57	25.475		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	40.1	0.0	40.1	38.1	2.02	19.814		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	40.1	0.0	40.1	37.6	2.47	16.212 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	170.28	40.1	0.0	41.4	38.5	2.90	14.278		
800.0	799.9	799.9	799.9	1.6	1.7	171.11	40.1	0.0	45.2	41.9	3.31	13.676		
900.0	899.7	899.7	899.7	1.8	1.9	172.22	40.1	0.0	51.7	48.0	3.73	13.865		
1,000.0	999.3	999.3	999.3	2.0	2.1	173.37	40.1	0.0	60.8	56.6	4.16	14.620		
1,100.0	1,098.6	1,100.4	1,100.4	2.3	2.3	174.22	38.8	-0.4	71.2	66.7	4.57	15.600		
1,200.0	1,197.5	1,201.9	1,201.8	2.6	2.5	174.65	35.0	-1.5	81.7	76.7	4.95	16.484		
1,300.0	1,296.1	1,303.6	1,303.3	2.9	2.7	174.80	28.5	-3.4	92.1	86.7	5.36	17.199		
1,400.0	1,394.2	1,405.6	1,404.8	3.2	2.9	174.74	19.4	-6.1	102.5	96.8	5.77	17.772		
1,500.0	1,491.7	1,507.9	1,506.4	3.6	3.1	174.54	7.7	-9.5	113.0	106.8	6.20	18.227		
1,584.2	1,573.3	1,594.1	1,591.7	4.0	3.4	174.28	-4.2	-13.0	121.7	115.2	6.57	18.530		
1,600.0	1,588.6	1,610.4	1,607.8	4.1	3.4	174.23	-6.6	-13.7	123.3	116.7	6.64	18.569		
1,700.0	1,685.3	1,712.0	1,707.9	4.6	3.7	173.80	-23.2	-18.6	132.2	125.1	7.11	18.585		
1,800.0	1,782.0	1,811.7	1,806.0	5.0	4.0	173.38	-40.0	-23.5	140.7	133.0	7.60	18.504		
1,900.0	1,878.7	1,911.3	1,904.1	5.5	4.3	173.01	-56.7	-28.4	149.1	141.0	8.09	18.416		
2,000.0	1,975.4	2,010.9	2,002.2	6.0	4.7	172.68	-73.5	-33.3	157.5	148.9	8.60	18.312		
2,100.0	2,072.1	2,110.6	2,100.3	6.5	5.0	172.38	-90.2	-38.2	165.9	156.8	9.11	18.207		
2,200.0	2,168.8	2,210.2	2,198.4	7.1	5.4	172.11	-106.9	-43.1	174.4	164.7	9.63	18.100		
2,300.0	2,265.5	2,309.9	2,296.5	7.6	5.7	171.87	-123.7	-48.0	182.8	172.7	10.16	17.995		
2,400.0	2,362.2	2,409.5	2,394.6	8.1	6.1	171.65	-140.4	-53.0	191.3	180.6	10.69	17.891		
2,500.0	2,458.9	2,509.1	2,492.7	8.6	6.5	171.45	-157.2	-57.9	199.7	188.5	11.23	17.791		
2,600.0	2,555.6	2,608.8	2,590.8	9.1	6.8	171.26	-173.9	-62.8	208.2	196.4	11.76	17.695		
2,700.0	2,652.3	2,708.4	2,688.9	9.7	7.2	171.09	-190.7	-67.7	216.6	204.3	12.31	17.602		
2,800.0	2,749.0	2,808.1	2,787.0	10.2	7.6	170.93	-207.4	-72.6	225.1	212.2	12.85	17.512		
2,900.0	2,845.7	2,907.7	2,885.1	10.7	8.0	170.78	-224.2	-77.5	233.5	220.1	13.40	17.427		
3,000.0	2,942.4	3,007.3	2,983.2	11.2	8.4	170.64	-240.9	-82.4	242.0	228.0	13.95	17.346		
3,100.0	3,039.1	3,107.0	3,081.3	11.8	8.8	170.52	-257.7	-87.3	250.4	235.9	14.50	17.268		
3,200.0	3,135.8	3,206.6	3,179.4	12.3	9.2	170.40	-274.4	-92.3	258.9	243.8	15.06	17.194		
3,300.0	3,232.5	3,306.3	3,277.5	12.8	9.5	170.28	-291.1	-97.2	267.4	251.7	15.61	17.123		
3,400.0	3,329.2	3,405.9	3,375.6	13.4	9.9	170.18	-307.9	-102.1	275.8	259.7	16.17	17.056		
3,500.0	3,425.9	3,505.5	3,473.7	13.9	10.3	170.08	-324.6	-107.0	284.3	267.6	16.73	16.991		
3,600.0	3,522.6	3,605.2	3,571.8	14.4	10.7	169.99	-341.4	-111.9	292.7	275.5	17.29	16.930		
3,700.0	3,619.3	3,704.8	3,669.9	14.9	11.1	169.90	-358.1	-116.8	301.2	283.4	17.85	16.871		
3,800.0	3,716.0	3,804.5	3,768.0	15.5	11.5	169.82	-374.9	-121.7	309.7	291.3	18.42	16.815		
3,900.0	3,812.7	3,904.1	3,866.1	16.0	11.9	169.74	-391.6	-126.6	318.1	299.2	18.98	16.761		
4,000.0	3,909.4	4,003.7	3,964.2	16.5	12.3	169.66	-408.4	-131.6	326.6	307.1	19.55	16.710		
4,100.0	4,006.1	4,103.4	4,062.3	17.1	12.7	169.59	-425.1	-136.5	335.1	315.0	20.11	16.661		
4,200.0	4,102.8	4,203.0	4,160.4	17.6	13.1	169.52	-441.8	-141.4	343.5	322.9	20.68	16.614		
4,300.0	4,199.5	4,302.7	4,258.5	18.1	13.5	169.46	-458.6	-146.3	352.0	330.8	21.24	16.569		
4,400.0	4,296.2	4,402.3	4,356.6	18.7	13.9	169.40	-475.3	-151.2	360.5	338.7	21.81	16.526		
4,500.0	4,392.9	4,501.9	4,454.7	19.2	14.3	169.34	-492.1	-156.1	368.9	346.6	22.38	16.484		
4,600.0	4,489.6	4,601.6	4,552.8	19.7	14.7	169.29	-508.8	-161.0	377.4	354.5	22.95	16.445		
4,700.0	4,586.3	4,701.2	4,650.9	20.3	15.1	169.23	-525.6	-165.9	385.9	362.4	23.52	16.406		
4,800.0	4,683.0	4,800.9	4,749.0	20.8	15.5	169.18	-542.3	-170.8	394.3	370.3	24.09	16.370		
4,900.0	4,779.7	4,900.5	4,847.1	21.3	15.9	169.13	-559.1	-175.8	402.8	378.2	24.66	16.334		
5,000.0	4,876.4	5,000.1	4,945.2	21.9	16.3	169.09	-575.8	-180.7	411.3	386.1	25.23	16.300		

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 44-2N-A
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 44-2N-A	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	4,973.1	5,099.8	5,043.3	22.4	16.7	169.04	-592.6	-185.6	419.8	394.0	25.80	16.267		
5,198.7	5,068.5	5,192.8	5,135.0	22.9	17.0	169.01	-608.0	-190.1	428.4	402.0	26.34	16.261		
5,200.0	5,069.8	5,193.9	5,136.1	22.9	17.0	169.01	-608.1	-190.2	428.5	402.2	26.35	16.262		
5,300.0	5,166.9	5,280.9	5,222.1	23.3	17.3	169.07	-620.4	-193.8	437.9	411.1	26.83	16.323		
5,400.0	5,264.8	5,367.7	5,308.3	23.6	17.5	169.15	-630.1	-196.6	446.9	419.6	27.25	16.396		
5,500.0	5,363.4	5,454.3	5,394.6	23.9	17.6	169.25	-637.3	-198.7	455.2	427.6	27.62	16.480		
5,600.0	5,462.5	5,540.8	5,480.9	24.1	17.8	169.37	-642.0	-200.1	463.1	435.1	27.94	16.576		
5,700.0	5,562.0	5,627.0	5,567.1	24.3	17.9	169.51	-644.2	-200.7	470.4	442.2	28.20	16.681		
5,800.0	5,661.8	5,721.7	5,661.8	24.5	18.0	169.66	-644.4	-200.8	476.6	448.1	28.42	16.766		
5,900.0	5,761.7	5,821.6	5,761.7	24.6	18.2	169.73	-644.4	-200.8	479.6	450.9	28.62	16.758		
5,936.8	5,798.5	5,858.4	5,798.5	24.7	18.2	-0.23	-644.4	-200.8	479.8	437.4	42.34	11.331		
6,000.0	5,861.7	5,921.6	5,861.7	24.7	18.3	-0.23	-644.4	-200.8	479.8	437.3	42.49	11.292		
6,100.0	5,961.7	6,021.6	5,961.7	24.8	18.4	-0.23	-644.4	-200.8	479.8	437.1	42.71	11.234		
6,200.0	6,061.7	6,121.6	6,061.7	24.9	18.6	-0.23	-644.4	-200.8	479.8	436.9	42.93	11.176		
6,300.0	6,161.7	6,221.6	6,161.7	25.0	18.7	-0.23	-644.4	-200.8	479.8	436.6	43.16	11.117		
6,322.1	6,183.8	6,243.7	6,183.8	25.0	18.7	-0.23	-644.4	-200.8	479.8	436.6	43.21	11.104		
6,350.0	6,211.7	6,271.6	6,211.7	25.1	18.7	-89.62	-644.4	-200.8	479.8	449.7	30.06	15.961		
6,395.1	6,256.7	6,316.6	6,256.7	25.1	18.8	-90.00	-644.4	-200.8	479.8	449.5	30.25	15.860		
6,400.0	6,261.5	6,321.4	6,261.5	25.1	18.8	-90.06	-644.4	-200.8	479.8	449.5	30.27	15.848		
6,450.0	6,311.0	6,370.9	6,311.0	25.1	18.9	-90.90	-644.4	-200.8	479.8	449.3	30.54	15.714		
6,500.0	6,359.9	6,419.8	6,359.9	25.2	18.9	-92.11	-644.4	-200.8	480.1	449.3	30.85	15.564		
6,550.0	6,407.9	6,467.8	6,407.9	25.2	19.0	-93.65	-644.4	-200.8	480.9	449.7	31.20	15.411		
6,600.0	6,454.8	6,514.7	6,454.8	25.2	19.1	-95.46	-644.4	-200.8	482.3	450.7	31.59	15.269		
6,650.0	6,500.4	6,560.3	6,500.4	25.2	19.1	-97.46	-644.4	-200.8	484.9	452.9	31.98	15.161		
6,700.0	6,544.4	6,610.4	6,550.4	25.2	19.2	-99.78	-644.4	-199.3	488.6	456.2	32.39	15.086		
6,750.0	6,586.7	6,662.7	6,602.5	25.2	19.3	-102.09	-644.3	-194.0	493.3	460.5	32.72	15.075		
6,800.0	6,627.0	6,717.1	6,656.1	25.3	19.3	-104.36	-644.2	-184.4	498.9	465.9	32.96	15.134		
6,850.0	6,665.2	6,773.9	6,711.0	25.3	19.4	-106.60	-644.1	-170.2	505.2	472.1	33.10	15.262		
6,900.0	6,701.0	6,833.2	6,767.0	25.3	19.4	-108.78	-643.8	-150.7	512.3	479.1	33.15	15.453		
6,950.0	6,734.3	6,895.2	6,823.6	25.3	19.4	-110.89	-643.5	-125.4	519.8	486.7	33.12	15.696		
7,000.0	6,764.9	6,960.3	6,880.4	25.4	19.4	-112.93	-643.2	-93.8	527.7	494.6	33.03	15.976		
7,050.0	6,792.7	7,028.5	6,936.7	25.4	19.5	-114.86	-642.7	-55.2	535.7	502.7	32.94	16.264		
7,100.0	6,817.5	7,100.2	6,991.5	25.5	19.5	-116.68	-642.2	-9.1	543.6	510.7	32.90	16.524		
7,150.0	6,839.3	7,175.3	7,043.7	25.6	19.5	-118.36	-641.5	44.8	551.1	518.1	32.98	16.709		
7,200.0	6,857.8	7,253.8	7,092.0	25.7	19.6	-119.86	-640.8	106.7	558.1	524.8	33.32	16.748		
7,250.0	6,873.0	7,335.7	7,134.7	25.9	19.7	-121.15	-640.0	176.5	564.3	530.3	33.98	16.605		
7,300.0	6,884.9	7,420.5	7,170.4	26.1	20.1	-122.21	-639.1	253.4	569.4	534.4	35.05	16.245		
7,350.0	6,893.4	7,507.9	7,197.3	26.4	20.7	-123.01	-638.1	336.4	573.3	536.7	36.58	15.674		
7,400.0	6,898.5	7,597.0	7,214.1	26.8	21.8	-123.51	-637.1	423.9	575.8	537.2	38.57	14.929		
7,447.1	6,900.0	7,682.0	7,220.0	27.2	23.2	-123.70	-636.1	508.6	576.7	535.9	40.83	14.123		
7,500.0	6,900.0	7,737.9	7,220.0	27.8	24.2	-123.70	-635.4	564.5	576.7	534.1	42.63	13.527		
7,600.0	6,900.0	7,837.9	7,220.0	29.2	26.2	-123.70	-634.3	664.5	576.7	530.6	46.11	12.507		
7,700.0	6,900.0	7,937.9	7,220.0	30.9	28.3	-123.70	-633.1	764.5	576.7	526.9	49.80	11.581		
7,800.0	6,900.0	8,037.9	7,220.0	32.8	30.6	-123.70	-631.9	864.5	576.7	523.1	53.65	10.750		
7,900.0	6,900.0	8,137.9	7,220.0	34.9	32.9	-123.70	-630.8	964.5	576.7	519.1	57.63	10.007		
8,000.0	6,900.0	8,237.9	7,220.0	37.1	35.3	-123.70	-629.6	1,064.5	576.7	515.0	61.72	9.344		
8,100.0	6,900.0	8,337.9	7,220.0	39.4	37.8	-123.70	-628.4	1,164.5	576.7	510.8	65.89	8.752		
8,200.0	6,900.0	8,437.9	7,220.0	41.8	40.3	-123.70	-627.2	1,264.5	576.7	506.6	70.14	8.223		
8,300.0	6,900.0	8,537.9	7,220.0	44.2	42.9	-123.70	-626.1	1,364.5	576.7	502.3	74.44	7.747		
8,400.0	6,900.0	8,637.9	7,220.0	46.7	45.4	-123.70	-624.9	1,464.5	576.7	497.9	78.79	7.319		
8,500.0	6,900.0	8,737.9	7,220.0	49.2	48.0	-123.70	-623.7	1,564.4	576.7	493.5	83.19	6.933		
8,600.0	6,900.0	8,837.9	7,220.0	51.8	50.7	-123.70	-622.6	1,664.4	576.7	489.1	87.61	6.582		

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 44-2N-A
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 44-2N-A	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)					
8,700.0	6,900.0	8,937.9	7,220.0	54.3	53.3	-123.70	-621.4	1,764.4	576.7	484.6	92.07	6.263				
8,800.0	6,900.0	9,037.9	7,220.0	56.9	56.0	-123.70	-620.2	1,864.4	576.7	480.1	96.56	5.972				
8,900.0	6,900.0	9,137.9	7,220.0	59.6	58.6	-123.70	-619.0	1,964.4	576.7	475.6	101.07	5.706				
9,000.0	6,900.0	9,237.9	7,220.0	62.2	61.3	-123.70	-617.9	2,064.4	576.7	471.1	105.59	5.461				
9,100.0	6,900.0	9,337.9	7,220.0	64.9	64.0	-123.70	-616.7	2,164.4	576.7	466.6	110.14	5.236				
9,200.0	6,900.0	9,437.9	7,220.0	67.5	66.7	-123.70	-615.5	2,264.4	576.7	462.0	114.70	5.028				
9,300.0	6,900.0	9,537.9	7,220.0	70.2	69.4	-123.70	-614.4	2,364.4	576.7	457.4	119.27	4.835				
9,400.0	6,900.0	9,637.9	7,220.0	72.9	72.1	-123.70	-613.2	2,464.4	576.7	452.8	123.86	4.656				
9,500.0	6,900.0	9,737.9	7,220.0	75.6	74.9	-123.70	-612.0	2,564.4	576.7	448.2	128.45	4.490				
9,600.0	6,900.0	9,837.9	7,220.0	78.3	77.6	-123.70	-610.8	2,664.4	576.7	443.6	133.06	4.334				
9,700.0	6,900.0	9,937.9	7,220.0	81.0	80.3	-123.70	-609.7	2,764.4	576.7	439.0	137.67	4.189				
9,800.0	6,900.0	10,037.9	7,220.0	83.7	83.1	-123.70	-608.5	2,864.4	576.7	434.4	142.29	4.053				
9,900.0	6,900.0	10,137.9	7,220.0	86.4	85.8	-123.70	-607.3	2,964.4	576.7	429.8	146.92	3.925				
10,000.0	6,900.0	10,237.9	7,220.0	89.2	88.6	-123.70	-606.1	3,064.3	576.7	425.1	151.56	3.805				
10,100.0	6,900.0	10,337.9	7,220.0	91.9	91.3	-123.70	-605.0	3,164.3	576.7	420.5	156.20	3.692				
10,200.0	6,900.0	10,437.9	7,220.0	94.6	94.1	-123.70	-603.8	3,264.3	576.7	415.9	160.84	3.586				
10,300.0	6,900.0	10,537.9	7,220.0	97.4	96.8	-123.70	-602.6	3,364.3	576.7	411.2	165.49	3.485				
10,400.0	6,900.0	10,637.9	7,220.0	100.1	99.6	-123.70	-601.5	3,464.3	576.7	406.6	170.15	3.389				
10,500.0	6,900.0	10,737.9	7,220.0	102.9	102.3	-123.70	-600.3	3,564.3	576.7	401.9	174.81	3.299				
10,600.0	6,900.0	10,837.9	7,220.0	105.6	105.1	-123.70	-599.1	3,664.3	576.7	397.2	179.47	3.213				
10,700.0	6,900.0	10,937.9	7,220.0	108.4	107.9	-123.70	-597.9	3,764.3	576.7	392.6	184.14	3.132				
10,800.0	6,900.0	11,037.9	7,220.0	111.1	110.6	-123.70	-596.8	3,864.3	576.7	387.9	188.81	3.054				
10,900.0	6,900.0	11,137.9	7,220.0	113.9	113.4	-123.70	-595.6	3,964.3	576.7	383.2	193.48	2.981				
11,000.0	6,900.0	11,237.9	7,220.0	116.7	116.2	-123.70	-594.4	4,064.3	576.7	378.5	198.16	2.910				
11,100.0	6,900.0	11,337.9	7,220.0	119.4	119.0	-123.70	-593.3	4,164.3	576.7	373.9	202.83	2.843				
11,200.0	6,900.0	11,437.9	7,220.0	122.2	121.7	-123.70	-592.1	4,264.3	576.7	369.2	207.51	2.779				
11,300.0	6,900.0	11,537.9	7,220.0	125.0	124.5	-123.70	-590.9	4,364.3	576.7	364.5	212.20	2.718				
11,400.0	6,900.0	11,637.9	7,220.0	127.7	127.3	-123.70	-589.7	4,464.2	576.7	359.8	216.88	2.659				
11,500.0	6,900.0	11,737.9	7,220.0	130.5	130.1	-123.70	-588.6	4,564.2	576.7	355.1	221.57	2.603				
11,520.7	6,900.0	11,758.6	7,220.0	131.1	130.6	-123.70	-588.3	4,585.0	576.7	354.2	222.54	2.591 SF				

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	-0.27	60.1	-0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	-0.27	60.1	-0.3	60.1	59.9	0.22	267.477		
200.0	200.0	200.0	200.0	0.3	0.3	-0.27	60.1	-0.3	60.1	59.4	0.67	89.159		
300.0	300.0	300.0	300.0	0.6	0.6	-0.27	60.1	-0.3	60.1	59.0	1.12	53.495		
400.0	400.0	400.0	400.0	0.8	0.8	-0.27	60.1	-0.3	60.1	58.5	1.57	38.211		
500.0	500.0	500.0	500.0	1.0	1.0	-0.27	60.1	-0.3	60.1	58.1	2.02	29.720		
600.0	600.0	600.0	600.0	1.2	1.2	-0.27	60.1	-0.3	60.1	57.6	2.47	24.316 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	169.92	60.1	-0.3	61.4	58.5	2.90	21.193		
800.0	799.9	799.9	799.9	1.6	1.7	170.51	60.1	-0.3	65.3	62.0	3.31	19.731		
900.0	899.7	899.7	899.7	1.8	1.9	171.36	60.1	-0.3	71.7	68.0	3.73	19.232		
1,000.0	999.3	999.3	999.3	2.0	2.1	172.31	60.1	-0.3	80.8	76.6	4.16	19.428		
1,100.0	1,098.6	1,098.6	1,098.6	2.3	2.4	173.27	60.1	-0.3	92.5	87.9	4.59	20.135		
1,200.0	1,197.5	1,197.5	1,197.5	2.6	2.6	174.15	60.1	-0.3	106.7	101.7	5.03	21.225		
1,300.0	1,296.1	1,299.2	1,299.2	2.9	2.8	174.80	58.9	-0.7	122.4	116.9	5.44	22.481		
1,400.0	1,394.2	1,401.3	1,401.2	3.2	3.0	175.13	55.1	-2.0	138.0	132.2	5.84	23.649		
1,500.0	1,491.7	1,503.9	1,503.6	3.6	3.2	175.23	48.7	-4.2	153.7	147.5	6.24	24.621		
1,584.2	1,573.3	1,590.5	1,589.9	4.0	3.3	175.18	41.3	-6.8	166.9	160.3	6.60	25.307		
1,600.0	1,588.6	1,606.9	1,606.1	4.1	3.4	175.16	39.6	-7.3	169.4	162.7	6.67	25.411		
1,700.0	1,685.3	1,710.6	1,709.0	4.6	3.6	174.94	27.9	-11.4	183.3	176.2	7.12	25.765		
1,800.0	1,782.0	1,814.9	1,812.3	5.0	3.8	174.54	13.4	-16.4	194.7	187.1	7.58	25.672		
1,900.0	1,878.7	1,914.8	1,910.9	5.5	4.1	174.09	-1.9	-21.6	204.5	196.5	8.06	25.369		
2,000.0	1,975.4	2,014.4	2,009.1	6.0	4.4	173.68	-17.2	-26.9	214.4	205.8	8.55	25.068		
2,100.0	2,072.1	2,113.9	2,107.2	6.5	4.7	173.31	-32.5	-32.2	224.2	215.2	9.05	24.783		
2,200.0	2,168.8	2,213.4	2,205.4	7.1	5.0	172.97	-47.8	-37.4	234.1	224.5	9.55	24.503		
2,300.0	2,265.5	2,312.9	2,303.6	7.6	5.3	172.65	-63.1	-42.7	243.9	233.9	10.06	24.235		
2,400.0	2,362.2	2,412.4	2,401.8	8.1	5.7	172.36	-78.4	-47.9	253.8	243.2	10.58	23.981		
2,500.0	2,458.9	2,511.9	2,500.0	8.6	6.0	172.10	-93.7	-53.2	263.7	252.6	11.11	23.739		
2,600.0	2,555.6	2,611.4	2,598.1	9.1	6.3	171.85	-109.0	-58.5	273.5	261.9	11.64	23.509		
2,700.0	2,652.3	2,710.9	2,696.3	9.7	6.7	171.62	-124.3	-63.7	283.4	271.3	12.17	23.292		
2,800.0	2,749.0	2,810.4	2,794.5	10.2	7.0	171.40	-139.5	-69.0	293.3	280.6	12.70	23.087		
2,900.0	2,845.7	2,909.9	2,892.7	10.7	7.4	171.20	-154.8	-74.3	303.2	290.0	13.24	22.892		
3,000.0	2,942.4	3,009.4	2,990.9	11.2	7.8	171.01	-170.1	-79.5	313.1	299.3	13.79	22.708		
3,100.0	3,039.1	3,108.9	3,089.0	11.8	8.1	170.84	-185.4	-84.8	323.0	308.7	14.33	22.533		
3,200.0	3,135.8	3,208.4	3,187.2	12.3	8.5	170.67	-200.7	-90.1	332.9	318.0	14.88	22.368		
3,300.0	3,232.5	3,307.9	3,285.4	12.8	8.8	170.51	-216.0	-95.3	342.8	327.4	15.43	22.212		
3,400.0	3,329.2	3,407.4	3,383.6	13.4	9.2	170.37	-231.3	-100.6	352.7	336.7	15.99	22.063		
3,500.0	3,425.9	3,506.9	3,481.8	13.9	9.6	170.23	-246.6	-105.8	362.6	346.1	16.54	21.922		
3,600.0	3,522.6	3,606.4	3,580.0	14.4	9.9	170.09	-261.9	-111.1	372.5	355.4	17.10	21.788		
3,700.0	3,619.3	3,705.9	3,678.1	14.9	10.3	169.97	-277.2	-116.4	382.4	364.8	17.66	21.661		
3,800.0	3,716.0	3,805.4	3,776.3	15.5	10.7	169.85	-292.5	-121.6	392.3	374.1	18.21	21.540		
3,900.0	3,812.7	3,904.9	3,874.5	16.0	11.0	169.73	-307.8	-126.9	402.3	383.5	18.78	21.424		
4,000.0	3,909.4	4,004.4	3,972.7	16.5	11.4	169.63	-323.0	-132.2	412.2	392.8	19.34	21.314		
4,100.0	4,006.1	4,103.9	4,070.9	17.1	11.8	169.52	-338.3	-137.4	422.1	402.2	19.90	21.209		
4,200.0	4,102.8	4,203.4	4,169.0	17.6	12.2	169.43	-353.6	-142.7	432.0	411.5	20.47	21.109		
4,300.0	4,199.5	4,302.9	4,267.2	18.1	12.5	169.33	-368.9	-147.9	441.9	420.9	21.03	21.013		
4,400.0	4,296.2	4,402.5	4,365.4	18.7	12.9	169.24	-384.2	-153.2	451.9	430.3	21.60	20.921		
4,500.0	4,392.9	4,502.0	4,463.6	19.2	13.3	169.16	-399.5	-158.5	461.8	439.6	22.16	20.834		
4,600.0	4,489.6	4,601.5	4,561.8	19.7	13.7	169.07	-414.8	-163.7	471.7	449.0	22.73	20.750		
4,700.0	4,586.3	4,701.0	4,659.9	20.3	14.0	169.00	-430.1	-169.0	481.6	458.3	23.30	20.669		
4,800.0	4,683.0	4,800.5	4,758.1	20.8	14.4	168.92	-445.4	-174.3	491.5	467.7	23.87	20.592		
4,900.0	4,779.7	4,900.0	4,856.3	21.3	14.8	168.85	-460.7	-179.5	501.5	477.0	24.44	20.517		
5,000.0	4,876.4	4,999.5	4,954.5	21.9	15.2	168.78	-476.0	-184.8	511.4	486.4	25.01	20.446		

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 44-2N-A
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 44-2N-A	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	4,973.1	5,096.1	5,049.8	22.4	15.5	168.71	-490.7	-189.9	521.4	495.8	25.57	20.389		
5,198.7	5,068.5	5,179.6	5,132.5	22.9	15.7	168.72	-502.0	-193.7	533.1	507.0	26.05	20.464		
5,200.0	5,069.8	5,180.7	5,133.6	22.9	15.8	168.73	-502.1	-193.8	533.2	507.2	26.06	20.466		
5,300.0	5,166.9	5,265.0	5,217.3	23.3	15.9	168.84	-511.1	-196.9	546.1	519.6	26.52	20.593		
5,400.0	5,264.8	5,349.0	5,301.0	23.6	16.1	168.99	-517.7	-199.2	558.3	531.4	26.93	20.731		
5,500.0	5,363.4	5,432.8	5,384.7	23.9	16.3	169.15	-522.0	-200.6	569.9	542.6	27.29	20.882		
5,600.0	5,462.5	5,516.4	5,468.3	24.1	16.4	169.33	-524.0	-201.3	580.8	553.2	27.60	21.045		
5,700.0	5,562.0	5,610.1	5,562.0	24.3	16.5	169.53	-524.2	-201.4	590.4	562.5	27.87	21.181		
5,800.0	5,661.8	5,709.9	5,661.8	24.5	16.7	169.66	-524.2	-201.4	596.8	568.7	28.12	21.225		
5,900.0	5,761.7	5,809.8	5,761.7	24.6	16.8	169.73	-524.2	-201.4	599.8	571.5	28.33	21.172		
5,936.8	5,798.5	5,846.6	5,798.5	24.7	16.9	-0.24	-524.2	-201.4	600.0	559.1	40.96	14.648		
6,000.0	5,861.7	5,909.8	5,861.7	24.7	17.0	-0.24	-524.2	-201.4	600.0	558.9	41.12	14.593		
6,100.0	5,961.7	6,009.8	5,961.7	24.8	17.1	-0.24	-524.2	-201.4	600.0	558.7	41.35	14.511		
6,200.0	6,061.7	6,109.8	6,061.7	24.9	17.2	-0.24	-524.2	-201.4	600.0	558.4	41.59	14.428		
6,300.0	6,161.7	6,209.8	6,161.7	25.0	17.4	-0.24	-524.2	-201.4	600.0	558.2	41.83	14.345		
6,314.7	6,176.4	6,224.6	6,176.4	25.0	17.4	-0.24	-524.2	-201.4	600.0	558.2	41.86	14.333		
6,322.1	6,183.8	6,231.9	6,183.8	25.0	17.4	-0.24	-524.2	-201.4	600.0	558.1	41.88	14.327		
6,350.0	6,211.7	6,259.6	6,211.5	25.1	17.5	-89.57	-524.2	-200.8	600.0	570.2	29.79	20.140		
6,400.0	6,261.5	6,309.3	6,261.1	25.1	17.5	-89.57	-524.1	-197.2	600.0	570.1	29.93	20.046		
6,450.0	6,311.0	6,359.0	6,310.2	25.1	17.6	-89.57	-524.0	-190.1	600.0	570.0	30.05	19.970		
6,500.0	6,359.9	6,408.7	6,358.8	25.2	17.6	-89.58	-523.9	-179.7	600.0	569.9	30.14	19.911		
6,550.0	6,407.9	6,458.4	6,406.5	25.2	17.6	-89.59	-523.8	-165.9	600.0	569.8	30.21	19.864		
6,600.0	6,454.8	6,508.1	6,453.2	25.2	17.7	-89.60	-523.6	-148.8	600.0	569.8	30.27	19.825		
6,650.0	6,500.4	6,557.8	6,498.6	25.2	17.7	-89.61	-523.3	-128.5	600.0	569.7	30.33	19.785		
6,700.0	6,544.4	6,607.5	6,542.4	25.2	17.7	-89.62	-523.1	-105.1	600.0	569.6	30.40	19.737		
6,750.0	6,586.7	6,657.3	6,584.6	25.2	17.7	-89.64	-522.7	-78.7	600.0	569.5	30.50	19.671		
6,800.0	6,627.0	6,707.0	6,624.8	25.3	17.7	-89.66	-522.4	-49.5	600.0	569.4	30.65	19.574		
6,850.0	6,665.2	6,756.8	6,662.9	25.3	17.8	-89.68	-522.0	-17.5	600.0	569.1	30.87	19.434		
6,900.0	6,701.0	6,806.5	6,698.7	25.3	17.8	-89.70	-521.6	17.0	600.0	568.8	31.19	19.239		
6,950.0	6,734.3	6,856.3	6,732.1	25.3	17.8	-89.72	-521.2	54.0	600.0	568.4	31.61	18.979		
7,000.0	6,764.9	6,906.1	6,762.8	25.4	17.9	-89.74	-520.7	93.2	600.0	567.8	32.18	18.648		
7,050.0	6,792.7	6,956.0	6,790.7	25.4	17.9	-89.77	-520.2	134.5	600.0	567.1	32.89	18.243		
7,100.0	6,817.5	7,005.8	6,815.6	25.5	18.1	-89.80	-519.7	177.6	600.0	566.2	33.77	17.769		
7,150.0	6,839.3	7,055.7	6,837.6	25.6	18.3	-89.82	-519.2	222.3	600.0	565.2	34.82	17.233		
7,200.0	6,857.8	7,105.5	6,856.3	25.7	18.6	-89.85	-518.7	268.5	600.0	564.0	36.04	16.649		
7,250.0	6,873.0	7,155.4	6,871.8	25.9	19.1	-89.88	-518.1	316.0	600.0	562.6	37.43	16.031		
7,300.0	6,884.9	7,205.4	6,884.0	26.1	19.8	-89.91	-517.6	364.4	600.0	561.0	38.97	15.397		
7,350.0	6,893.4	7,255.3	6,892.8	26.4	20.6	-89.94	-517.0	413.5	600.0	559.4	40.65	14.760		
7,400.0	6,898.5	7,305.3	6,898.1	26.8	21.4	-89.97	-516.4	463.2	600.0	557.6	42.45	14.135		
7,447.1	6,900.0	7,352.4	6,900.0	27.2	22.3	-90.00	-515.8	510.2	600.0	555.8	44.23	13.565		
7,500.0	6,900.0	7,405.3	6,900.0	27.8	23.3	-90.00	-515.2	563.1	600.0	553.7	46.32	12.952		
7,600.0	6,900.0	7,505.3	6,900.0	29.2	25.4	-90.00	-514.1	663.1	600.0	549.5	50.52	11.878		
7,700.0	6,900.0	7,605.3	6,900.0	30.9	27.6	-90.00	-512.9	763.1	600.0	545.0	54.96	10.917		
7,800.0	6,900.0	7,705.3	6,900.0	32.8	30.0	-90.00	-511.7	863.1	600.0	540.4	59.60	10.067		
7,900.0	6,900.0	7,805.3	6,900.0	34.9	32.3	-90.00	-510.5	963.1	600.0	535.6	64.40	9.317		
8,000.0	6,900.0	7,905.3	6,900.0	37.1	34.8	-90.00	-509.4	1,063.1	600.0	530.7	69.31	8.656		
8,100.0	6,900.0	8,005.3	6,900.0	39.4	37.3	-90.00	-508.2	1,163.1	600.0	525.7	74.33	8.072		
8,200.0	6,900.0	8,105.3	6,900.0	41.8	39.8	-90.00	-507.0	1,263.1	600.0	520.6	79.43	7.554		
8,300.0	6,900.0	8,205.3	6,900.0	44.2	42.4	-90.00	-505.8	1,363.1	600.0	515.4	84.59	7.093		
8,400.0	6,900.0	8,305.3	6,900.0	46.7	45.0	-90.00	-504.7	1,463.0	600.0	510.2	89.80	6.681		
8,500.0	6,900.0	8,405.3	6,900.0	49.2	47.6	-90.00	-503.5	1,563.0	600.0	504.9	95.06	6.312		
8,600.0	6,900.0	8,505.3	6,900.0	51.8	50.3	-90.00	-502.3	1,663.0	600.0	499.6	100.36	5.979		

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 44-2N-A
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 44-2N-A	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)		
8,700.0	6,900.0	8,605.3	6,900.0	54.3	53.0	-90.00	-501.2	1,763.0	600.0	494.3	105.69	5.677	
8,800.0	6,900.0	8,705.3	6,900.0	56.9	55.6	-90.00	-500.0	1,863.0	600.0	489.0	111.04	5.403	
8,900.0	6,900.0	8,805.3	6,900.0	59.6	58.3	-90.00	-498.8	1,963.0	600.0	483.6	116.43	5.154	
9,000.0	6,900.0	8,905.3	6,900.0	62.2	61.0	-90.00	-497.6	2,063.0	600.0	478.2	121.83	4.925	
9,100.0	6,900.0	9,005.3	6,900.0	64.9	63.7	-90.00	-496.5	2,163.0	600.0	472.8	127.25	4.715	
9,200.0	6,900.0	9,105.3	6,900.0	67.5	66.4	-90.00	-495.3	2,263.0	600.0	467.3	132.68	4.522	
9,300.0	6,900.0	9,205.3	6,900.0	70.2	69.2	-90.00	-494.1	2,363.0	600.0	461.9	138.13	4.344	
9,400.0	6,900.0	9,305.3	6,900.0	72.9	71.9	-90.00	-493.0	2,463.0	600.0	456.4	143.59	4.178	
9,500.0	6,900.0	9,405.3	6,900.0	75.6	74.6	-90.00	-491.8	2,563.0	600.0	450.9	149.07	4.025	
9,600.0	6,900.0	9,505.3	6,900.0	78.3	77.4	-90.00	-490.6	2,663.0	600.0	445.5	154.55	3.882	
9,700.0	6,900.0	9,605.3	6,900.0	81.0	80.1	-90.00	-489.4	2,763.0	600.0	440.0	160.04	3.749	
9,800.0	6,900.0	9,705.3	6,900.0	83.7	82.8	-90.00	-488.3	2,863.0	600.0	434.5	165.54	3.624	
9,900.0	6,900.0	9,805.3	6,900.0	86.4	85.6	-90.00	-487.1	2,962.9	600.0	429.0	171.05	3.508	
10,000.0	6,900.0	9,905.3	6,900.0	89.2	88.4	-90.00	-485.9	3,062.9	600.0	423.4	176.56	3.398	
10,100.0	6,900.0	10,005.3	6,900.0	91.9	91.1	-90.00	-484.8	3,162.9	600.0	417.9	182.08	3.295	
10,200.0	6,900.0	10,105.3	6,900.0	94.6	93.9	-90.00	-483.6	3,262.9	600.0	412.4	187.60	3.198	
10,300.0	6,900.0	10,205.3	6,900.0	97.4	96.6	-90.00	-482.4	3,362.9	600.0	406.9	193.13	3.107	
10,400.0	6,900.0	10,305.3	6,900.0	100.1	99.4	-90.00	-481.2	3,462.9	600.0	401.3	198.67	3.020	
10,500.0	6,900.0	10,405.3	6,900.0	102.9	102.2	-90.00	-480.1	3,562.9	600.0	395.8	204.21	2.938	
10,600.0	6,900.0	10,505.3	6,900.0	105.6	104.9	-90.00	-478.9	3,662.9	600.0	390.3	209.75	2.861	
10,700.0	6,900.0	10,605.3	6,900.0	108.4	107.7	-90.00	-477.7	3,762.9	600.0	384.7	215.29	2.787	
10,800.0	6,900.0	10,705.3	6,900.0	111.1	110.5	-90.00	-476.6	3,862.9	600.0	379.2	220.84	2.717	
10,900.0	6,900.0	10,805.3	6,900.0	113.9	113.3	-90.00	-475.4	3,962.9	600.0	373.6	226.39	2.650	
11,000.0	6,900.0	10,905.3	6,900.0	116.7	116.0	-90.00	-474.2	4,062.9	600.0	368.1	231.95	2.587	
11,100.0	6,900.0	11,005.3	6,900.0	119.4	118.8	-90.00	-473.0	4,162.9	600.0	362.5	237.50	2.526	
11,200.0	6,900.0	11,105.3	6,900.0	122.2	121.6	-90.00	-471.9	4,262.9	600.0	356.9	243.06	2.468	
11,300.0	6,900.0	11,205.3	6,900.0	125.0	124.4	-90.00	-470.7	4,362.8	600.0	351.4	248.63	2.413	
11,400.0	6,900.0	11,305.3	6,900.0	127.7	127.1	-90.00	-469.5	4,462.8	600.0	345.8	254.19	2.360	
11,500.0	6,900.0	11,405.3	6,900.0	130.5	129.9	-90.00	-468.4	4,562.8	600.0	340.3	259.70	2.310	
11,520.7	6,900.0	11,426.0	6,900.0	131.1	130.2	-90.00	-468.1	4,583.6	600.0	339.3	260.65	2.302 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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	20.1	-0.3	20.1					
100.0	100.0	100.0	100.0	0.1	0.1	-0.80	20.1	-0.3	20.1	19.8	0.22	89.228		
200.0	200.0	200.0	200.0	0.3	0.3	-0.80	20.1	-0.3	20.1	19.4	0.67	29.743		
300.0	300.0	300.0	300.0	0.6	0.6	-0.80	20.1	-0.3	20.1	18.9	1.12	17.846		
400.0	400.0	400.0	400.0	0.8	0.8	-0.80	20.1	-0.3	20.1	18.5	1.57	12.747		
500.0	500.0	500.0	500.0	1.0	1.0	-0.80	20.1	-0.3	20.1	18.0	2.02	9.914		
600.0	600.0	600.0	600.0	1.2	1.2	-0.80	20.1	-0.3	20.1	17.6	2.47	8.112 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	169.83	20.1	-0.3	21.3	18.4	2.90	7.366		
800.0	799.9	799.9	799.9	1.6	1.7	171.39	20.1	-0.3	25.2	21.9	3.31	7.622		
900.0	899.7	900.5	900.5	1.8	1.9	172.73	18.8	-0.6	30.4	26.7	3.70	8.214		
1,000.0	999.3	1,001.2	1,001.1	2.0	2.1	173.43	14.9	-1.5	35.6	31.5	4.08	8.724		
1,100.0	1,098.6	1,102.1	1,101.8	2.3	2.3	173.74	8.4	-3.0	40.8	36.3	4.48	9.115		
1,200.0	1,197.5	1,203.1	1,202.3	2.6	2.5	173.79	-0.6	-5.2	46.0	41.1	4.89	9.416		
1,300.0	1,296.1	1,304.2	1,302.7	2.9	2.7	173.66	-12.3	-7.9	51.2	45.9	5.31	9.644		
1,400.0	1,394.2	1,405.5	1,402.9	3.2	3.0	173.40	-26.6	-11.3	56.4	50.7	5.75	9.813		
1,500.0	1,491.7	1,506.9	1,502.9	3.6	3.3	173.03	-43.4	-15.3	61.6	55.4	6.20	9.932		
1,584.2	1,573.3	1,592.1	1,586.4	4.0	3.6	172.67	-59.6	-19.1	66.0	59.4	6.59	10.004		
1,600.0	1,588.6	1,607.9	1,601.9	4.1	3.6	172.61	-62.7	-19.8	66.9	60.2	6.67	10.019		
1,700.0	1,685.3	1,707.7	1,699.7	4.6	4.0	172.27	-82.3	-24.4	72.4	65.2	7.17	10.097		
1,800.0	1,782.0	1,807.6	1,797.5	5.0	4.4	171.97	-102.0	-29.1	77.9	70.3	7.67	10.154		
1,900.0	1,878.7	1,907.4	1,895.3	5.5	4.8	171.71	-121.6	-33.7	83.5	75.3	8.19	10.189		
2,000.0	1,975.4	2,007.3	1,993.0	6.0	5.2	171.49	-141.3	-38.4	89.0	80.3	8.72	10.211		
2,100.0	2,072.1	2,107.1	2,090.8	6.5	5.6	171.29	-160.9	-43.0	94.6	85.3	9.25	10.223		
2,200.0	2,168.8	2,207.0	2,188.6	7.1	6.0	171.11	-180.6	-47.6	100.1	90.3	9.79	10.228		
2,300.0	2,265.5	2,306.8	2,286.4	7.6	6.4	170.95	-200.2	-52.3	105.6	95.3	10.33	10.228		
2,400.0	2,362.2	2,406.7	2,384.2	8.1	6.8	170.81	-219.9	-56.9	111.2	100.3	10.88	10.224		
2,500.0	2,458.9	2,506.5	2,482.0	8.6	7.3	170.68	-239.5	-61.5	116.7	105.3	11.43	10.217		
2,600.0	2,555.6	2,606.4	2,579.7	9.1	7.7	170.57	-259.2	-66.2	122.3	110.3	11.98	10.208		
2,700.0	2,652.3	2,706.2	2,677.5	9.7	8.1	170.46	-278.8	-70.8	127.8	115.3	12.54	10.198		
2,800.0	2,749.0	2,806.0	2,775.3	10.2	8.6	170.36	-298.5	-75.5	133.4	120.3	13.09	10.187		
2,900.0	2,845.7	2,905.9	2,873.1	10.7	9.0	170.27	-318.1	-80.1	138.9	125.3	13.65	10.175		
3,000.0	2,942.4	3,005.7	2,970.9	11.2	9.4	170.19	-337.8	-84.7	144.5	130.3	14.22	10.163		
3,100.0	3,039.1	3,105.6	3,068.7	11.8	9.9	170.11	-357.4	-89.4	150.0	135.2	14.78	10.150		
3,200.0	3,135.8	3,205.4	3,166.4	12.3	10.3	170.04	-377.1	-94.0	155.6	140.2	15.35	10.138		
3,300.0	3,232.5	3,305.3	3,264.2	12.8	10.7	169.97	-396.7	-98.6	161.1	145.2	15.91	10.125		
3,400.0	3,329.2	3,405.1	3,362.0	13.4	11.2	169.91	-416.4	-103.3	166.7	150.2	16.48	10.113		
3,500.0	3,425.9	3,505.0	3,459.8	13.9	11.6	169.85	-436.0	-107.9	172.2	155.2	17.05	10.101		
3,600.0	3,522.6	3,604.8	3,557.6	14.4	12.0	169.80	-455.7	-112.6	177.8	160.2	17.62	10.089		
3,700.0	3,619.3	3,704.7	3,655.4	14.9	12.5	169.74	-475.3	-117.2	183.3	165.1	18.19	10.077		
3,800.0	3,716.0	3,804.5	3,753.1	15.5	12.9	169.70	-494.9	-121.8	188.9	170.1	18.76	10.066		
3,900.0	3,812.7	3,904.3	3,850.9	16.0	13.4	169.65	-514.6	-126.5	194.4	175.1	19.34	10.055		
4,000.0	3,909.4	4,004.2	3,948.7	16.5	13.8	169.61	-534.2	-131.1	200.0	180.1	19.91	10.044		
4,100.0	4,006.1	4,104.0	4,046.5	17.1	14.3	169.57	-553.9	-135.7	205.5	185.0	20.49	10.033		
4,200.0	4,102.8	4,203.9	4,144.3	17.6	14.7	169.53	-573.5	-140.4	211.1	190.0	21.06	10.023		
4,300.0	4,199.5	4,303.7	4,242.1	18.1	15.1	169.49	-593.2	-145.0	216.6	195.0	21.64	10.013		
4,400.0	4,296.2	4,403.6	4,339.8	18.7	15.6	169.46	-612.8	-149.7	222.2	200.0	22.21	10.004		
4,500.0	4,392.9	4,503.4	4,437.6	19.2	16.0	169.42	-632.5	-154.3	227.7	205.0	22.79	9.994		
4,600.0	4,489.6	4,603.3	4,535.4	19.7	16.5	169.39	-652.1	-158.9	233.3	209.9	23.36	9.985		
4,700.0	4,586.3	4,703.1	4,633.2	20.3	16.9	169.36	-671.8	-163.6	238.8	214.9	23.94	9.976		
4,800.0	4,683.0	4,803.0	4,731.0	20.8	17.4	169.33	-691.4	-168.2	244.4	219.9	24.52	9.968		
4,900.0	4,779.7	4,902.8	4,828.8	21.3	17.8	169.31	-711.1	-172.8	249.9	224.9	25.10	9.960		
5,000.0	4,876.4	5,002.7	4,926.5	21.9	18.3	169.28	-730.7	-177.5	255.5	229.8	25.67	9.952		

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 44-2N-A
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 44-2N-A	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	4,973.1	5,102.5	5,024.3	22.4	18.7	169.25	-750.4	-182.1	261.0	234.8	26.25	9.944		
5,198.7	5,068.5	5,200.9	5,120.7	22.9	19.1	169.23	-769.8	-186.7	266.5	239.7	26.82	9.937		
5,200.0	5,069.8	5,200.9	5,120.7	22.9	19.1	169.23	-769.8	-186.7	266.6	239.8	26.83	9.938		
5,300.0	5,166.9	5,293.7	5,211.9	23.3	19.5	169.24	-786.6	-190.7	272.0	244.6	27.34	9.947		
5,400.0	5,264.8	5,385.1	5,302.2	23.6	19.7	169.27	-800.3	-193.9	277.0	249.3	27.78	9.972		
5,500.0	5,363.4	5,476.4	5,392.7	23.9	19.9	169.32	-811.3	-196.5	281.8	253.6	28.16	10.006		
5,600.0	5,462.5	5,567.5	5,483.5	24.1	20.1	169.40	-819.4	-198.4	286.1	257.7	28.48	10.047		
5,700.0	5,562.0	5,658.5	5,574.3	24.3	20.3	169.48	-824.7	-199.6	290.2	261.4	28.74	10.096		
5,800.0	5,661.8	5,749.4	5,665.2	24.5	20.4	169.59	-827.1	-200.2	293.9	264.9	28.95	10.150		
5,900.0	5,761.7	5,845.9	5,761.7	24.6	20.5	169.69	-827.3	-200.3	296.6	267.5	29.12	10.186		
5,936.8	5,798.5	5,882.7	5,798.5	24.7	20.6	-0.27	-827.3	-200.3	296.9	252.1	44.72	6.638		
6,000.0	5,861.7	5,945.9	5,861.7	24.7	20.6	-0.27	-827.3	-200.3	296.9	252.0	44.86	6.618		
6,100.0	5,961.7	6,045.9	5,961.7	24.8	20.7	-0.27	-827.3	-200.3	296.9	251.8	45.06	6.588		
6,200.0	6,061.7	6,145.9	6,061.7	24.9	20.8	-0.27	-827.3	-200.3	296.9	251.6	45.26	6.558		
6,300.0	6,161.7	6,245.9	6,161.7	25.0	21.0	-0.27	-827.3	-200.3	296.9	251.4	45.47	6.528		
6,314.7	6,176.4	6,260.7	6,176.4	25.0	21.0	-0.27	-827.3	-200.3	296.9	251.4	45.50	6.524		
6,322.1	6,183.8	6,268.0	6,183.8	25.0	21.0	-0.27	-827.3	-200.3	296.9	251.3	45.52	6.522		
6,350.0	6,211.7	6,295.8	6,211.6	25.1	21.0	-89.59	-827.3	-199.7	296.9	266.4	30.50	9.732		
6,400.0	6,261.5	6,345.7	6,261.3	25.1	21.1	-89.60	-827.3	-196.1	296.9	266.2	30.64	9.689		
6,450.0	6,311.0	6,395.5	6,310.7	25.1	21.1	-89.60	-827.2	-189.0	296.9	266.1	30.75	9.655		
6,500.0	6,359.9	6,445.4	6,359.4	25.2	21.1	-89.61	-827.1	-178.4	296.9	266.0	30.83	9.628		
6,550.0	6,407.9	6,495.3	6,407.2	25.2	21.2	-89.61	-826.9	-164.5	296.9	266.0	30.90	9.608		
6,600.0	6,454.8	6,545.1	6,454.0	25.2	21.2	-89.62	-826.7	-147.3	296.9	265.9	30.95	9.591		
6,650.0	6,500.4	6,595.0	6,499.5	25.2	21.2	-89.64	-826.5	-126.9	296.9	265.9	31.00	9.575		
6,700.0	6,544.4	6,644.9	6,543.5	25.2	21.2	-89.65	-826.2	-103.4	296.9	265.8	31.07	9.554		
6,750.0	6,586.7	6,694.7	6,585.7	25.2	21.2	-89.66	-825.9	-76.9	296.9	265.7	31.16	9.526		
6,800.0	6,627.0	6,744.6	6,626.0	25.3	21.2	-89.68	-825.6	-47.5	296.9	265.6	31.30	9.483		
6,850.0	6,665.2	6,794.5	6,664.1	25.3	21.3	-89.70	-825.2	-15.3	296.9	265.3	31.51	9.420		
6,900.0	6,701.0	6,844.4	6,699.9	25.3	21.3	-89.72	-824.8	19.4	296.9	265.0	31.81	9.332		
6,950.0	6,734.3	6,894.3	6,733.3	25.3	21.3	-89.74	-824.3	56.5	296.9	264.6	32.22	9.213		
7,000.0	6,764.9	6,944.2	6,763.9	25.4	21.4	-89.76	-823.9	95.9	296.9	264.1	32.76	9.060		
7,027.4	6,780.5	6,971.6	6,779.5	25.4	21.4	-89.78	-823.6	118.4	296.9	263.7	33.14	8.957		
7,050.0	6,792.7	6,994.1	6,791.8	25.4	21.4	-89.79	-823.4	137.3	296.9	263.4	33.46	8.872		
7,100.0	6,817.5	7,044.1	6,816.7	25.5	21.5	-89.81	-822.9	180.6	296.9	262.5	34.32	8.651		
7,150.0	6,839.3	7,094.0	6,838.5	25.6	21.6	-89.84	-822.4	225.5	296.9	261.5	35.34	8.399		
7,200.0	6,857.8	7,143.9	6,857.1	25.7	21.8	-89.86	-821.8	271.8	296.9	260.3	36.54	8.123		
7,250.0	6,873.0	7,193.9	6,872.5	25.9	22.1	-89.89	-821.3	319.3	296.9	258.9	37.91	7.831		
7,300.0	6,884.9	7,243.9	6,884.5	26.1	22.4	-89.92	-820.7	367.8	296.9	257.4	39.43	7.529		
7,350.0	6,893.4	7,293.8	6,893.1	26.4	22.9	-89.94	-820.1	417.0	296.9	255.8	41.09	7.224		
7,400.0	6,898.5	7,343.8	6,898.3	26.8	23.5	-89.97	-819.5	466.7	296.9	254.0	42.87	6.925		
7,447.1	6,900.0	7,390.9	6,900.0	27.2	24.1	-90.00	-819.0	513.8	296.9	252.2	44.63	6.651		
7,500.0	6,900.0	7,443.8	6,900.0	27.8	25.0	-90.00	-818.3	566.7	296.9	250.1	46.72	6.353		
7,600.0	6,900.0	7,543.8	6,900.0	29.2	26.8	-90.00	-817.2	666.7	296.9	246.0	50.88	5.835		
7,700.0	6,900.0	7,643.8	6,900.0	30.9	28.8	-90.00	-816.0	766.6	296.9	241.6	55.29	5.369		
7,800.0	6,900.0	7,743.8	6,900.0	32.8	31.0	-90.00	-814.8	866.6	296.9	237.0	59.91	4.955		
7,900.0	6,900.0	7,843.8	6,900.0	34.9	33.3	-90.00	-813.7	966.6	296.9	232.2	64.68	4.590		
8,000.0	6,900.0	7,943.8	6,900.0	37.1	35.7	-90.00	-812.5	1,066.6	296.9	227.3	69.58	4.267		
8,100.0	6,900.0	8,043.8	6,900.0	39.4	38.1	-90.00	-811.3	1,166.6	296.9	222.3	74.57	3.981		
8,200.0	6,900.0	8,143.8	6,900.0	41.8	40.6	-90.00	-810.1	1,266.6	296.9	217.2	79.65	3.727		
8,300.0	6,900.0	8,243.8	6,900.0	44.2	43.1	-90.00	-809.0	1,366.6	296.9	212.1	84.80	3.501		
8,400.0	6,900.0	8,343.8	6,900.0	46.7	45.7	-90.00	-807.8	1,466.6	296.9	206.9	90.00	3.298		
8,500.0	6,900.0	8,443.8	6,900.0	49.2	48.3	-90.00	-806.6	1,566.6	296.9	201.6	95.25	3.117		

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 44-2N-A
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 44-2N-A	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		
8,600.0	6,900.0	8,543.8	6,900.0	51.8	50.9	-90.00	-805.4	1,666.6	296.9	196.3	100.54	2.953		
8,700.0	6,900.0	8,643.8	6,900.0	54.3	53.5	-90.00	-804.3	1,766.6	296.9	191.0	105.86	2.804		
8,800.0	6,900.0	8,743.8	6,900.0	56.9	56.2	-90.00	-803.1	1,866.6	296.9	185.7	111.21	2.669		
8,900.0	6,900.0	8,843.8	6,900.0	59.6	58.8	-90.00	-801.9	1,966.6	296.9	180.3	116.58	2.546		
9,000.0	6,900.0	8,943.8	6,900.0	62.2	61.5	-90.00	-800.8	2,066.6	296.9	174.9	121.98	2.434		
9,100.0	6,900.0	9,043.8	6,900.0	64.9	64.2	-90.00	-799.6	2,166.5	296.9	169.5	127.39	2.330		
9,200.0	6,900.0	9,143.8	6,900.0	67.5	66.9	-90.00	-798.4	2,266.5	296.9	164.1	132.82	2.235		
9,300.0	6,900.0	9,243.8	6,900.0	70.2	69.6	-90.00	-797.2	2,366.5	296.9	158.6	138.27	2.147		
9,400.0	6,900.0	9,343.8	6,900.0	72.9	72.3	-90.00	-796.1	2,466.5	296.9	153.2	143.73	2.066		
9,500.0	6,900.0	9,443.8	6,900.0	75.6	75.0	-90.00	-794.9	2,566.5	296.9	147.7	149.20	1.990		
9,600.0	6,900.0	9,543.8	6,900.0	78.3	77.7	-90.00	-793.7	2,666.5	296.9	142.2	154.68	1.919		
9,700.0	6,900.0	9,643.8	6,900.0	81.0	80.5	-90.00	-792.5	2,766.5	296.9	136.7	160.16	1.854		
9,800.0	6,900.0	9,743.8	6,900.0	83.7	83.2	-90.00	-791.4	2,866.5	296.9	131.2	165.66	1.792		
9,900.0	6,900.0	9,843.8	6,900.0	86.4	86.0	-90.00	-790.2	2,966.5	296.9	125.7	171.16	1.735		
10,000.0	6,900.0	9,943.8	6,900.0	89.2	88.7	-90.00	-789.0	3,066.5	296.9	120.2	176.67	1.680		
10,100.0	6,900.0	10,043.8	6,900.0	91.9	91.4	-90.00	-787.9	3,166.5	296.9	114.7	182.19	1.630		
10,200.0	6,900.0	10,143.8	6,900.0	94.6	94.2	-90.00	-786.7	3,266.5	296.9	109.2	187.71	1.582		
10,300.0	6,900.0	10,243.8	6,900.0	97.4	97.0	-90.00	-785.5	3,366.5	296.9	103.6	193.24	1.536		
10,400.0	6,900.0	10,343.8	6,900.0	100.1	99.7	-90.00	-784.3	3,466.5	296.9	98.1	198.77	1.494	Level 3	
10,500.0	6,900.0	10,443.8	6,900.0	102.9	102.5	-90.00	-783.2	3,566.5	296.9	92.6	204.31	1.453	Level 3	
10,600.0	6,900.0	10,543.8	6,900.0	105.6	105.2	-90.00	-782.0	3,666.4	296.9	87.0	209.85	1.415	Level 3	
10,700.0	6,900.0	10,643.8	6,900.0	108.4	108.0	-90.00	-780.8	3,766.4	296.9	81.5	215.39	1.378	Level 3	
10,800.0	6,900.0	10,743.8	6,900.0	111.1	110.8	-90.00	-779.6	3,866.4	296.9	76.0	220.94	1.344	Level 3	
10,900.0	6,900.0	10,843.8	6,900.0	113.9	113.5	-90.00	-778.5	3,966.4	296.9	70.4	226.49	1.311	Level 3	
11,000.0	6,900.0	10,943.8	6,900.0	116.7	116.3	-90.00	-777.3	4,066.4	296.9	64.9	232.05	1.279	Level 3	
11,100.0	6,900.0	11,043.8	6,900.0	119.4	119.1	-90.00	-776.1	4,166.4	296.9	59.3	237.60	1.250	Level 2	
11,200.0	6,900.0	11,143.8	6,900.0	122.2	121.8	-90.00	-774.9	4,266.4	296.9	53.7	243.16	1.221	Level 2	
11,300.0	6,900.0	11,243.8	6,900.0	125.0	124.6	-90.00	-773.8	4,366.4	296.9	48.2	248.72	1.194	Level 2	
11,400.0	6,900.0	11,343.8	6,900.0	127.7	127.4	-90.00	-772.6	4,466.4	296.9	42.6	254.28	1.168	Level 2	
11,500.0	6,900.0	11,443.8	6,900.0	130.5	130.2	-90.00	-771.4	4,566.4	296.9	37.1	259.85	1.143	Level 2	
11,520.7	6,900.0	11,464.6	6,900.0	131.1	130.8	-90.00	-771.2	4,587.1	296.9	35.9	261.00	1.138	Level 2, SF	

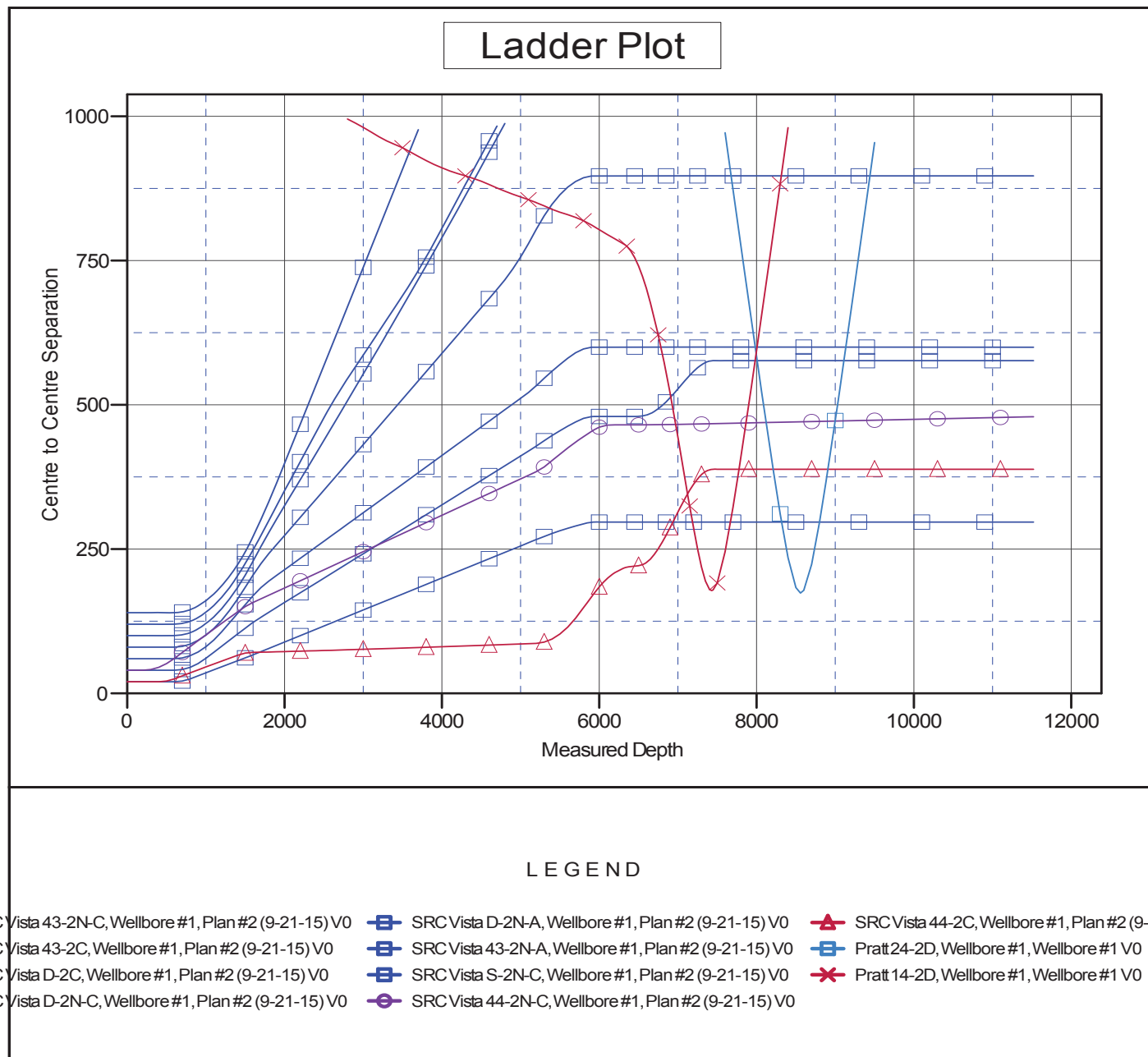
Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	SRC Vista 44-2N-A	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	-0.11	139.9	-0.3	139.9					
100.0	100.0	100.0	100.0	0.1	0.1	-0.11	139.9	-0.3	139.9	139.7	0.22	622.420		
200.0	200.0	200.0	200.0	0.3	0.3	-0.11	139.9	-0.3	139.9	139.2	0.67	207.473		
300.0	300.0	300.0	300.0	0.6	0.6	-0.11	139.9	-0.3	139.9	138.8	1.12	124.484		
400.0	400.0	400.0	400.0	0.8	0.8	-0.11	139.9	-0.3	139.9	138.3	1.57	88.917		
500.0	500.0	500.0	500.0	1.0	1.0	-0.11	139.9	-0.3	139.9	137.9	2.02	69.158		
600.0	600.0	600.0	600.0	1.2	1.2	-0.11	139.9	-0.3	139.9	137.4	2.47	56.584 CC, ES		
700.0	700.0	700.0	700.0	1.4	1.5	169.94	139.9	-0.3	141.2	138.3	2.90	48.727		
800.0	799.9	799.9	799.9	1.6	1.7	170.20	139.9	-0.3	145.1	141.7	3.31	43.845		
900.0	899.7	899.7	899.7	1.8	1.9	170.61	139.9	-0.3	151.5	147.8	3.73	40.618		
1,000.0	999.3	999.3	999.3	2.0	2.1	171.12	139.9	-0.3	160.5	156.4	4.16	38.603		
1,100.0	1,098.6	1,098.6	1,098.6	2.3	2.4	171.70	139.9	-0.3	172.2	167.6	4.59	37.490		
1,200.0	1,197.5	1,197.5	1,197.5	2.6	2.6	172.31	139.9	-0.3	186.4	181.3	5.03	37.059 SF		
1,300.0	1,296.1	1,296.1	1,296.1	2.9	2.8	172.91	139.9	-0.3	203.2	197.7	5.47	37.155		
1,400.0	1,394.2	1,394.2	1,394.2	3.2	3.0	173.50	139.9	-0.3	222.5	216.6	5.91	37.663		
1,500.0	1,491.7	1,487.8	1,487.7	3.6	3.2	173.85	140.7	-0.9	245.2	238.9	6.34	38.664		
1,584.2	1,573.3	1,565.2	1,565.2	4.0	3.4	173.86	142.6	-2.6	267.6	260.8	6.71	39.880		
1,600.0	1,588.6	1,579.7	1,579.7	4.1	3.4	173.85	143.1	-3.1	272.1	265.3	6.78	40.125		
1,700.0	1,685.3	1,670.5	1,670.3	4.6	3.6	173.58	147.1	-6.6	301.4	294.1	7.23	41.665		
1,800.0	1,782.0	1,760.3	1,759.8	5.0	3.8	173.09	152.6	-11.5	332.3	324.6	7.69	43.189		
1,900.0	1,878.7	1,849.0	1,848.0	5.5	4.1	172.44	159.7	-17.7	364.8	356.7	8.16	44.692		
2,000.0	1,975.4	1,941.3	1,939.6	6.0	4.3	171.70	168.2	-25.2	398.6	389.9	8.65	46.084		
2,100.0	2,072.1	2,035.3	2,032.8	6.5	4.5	171.06	176.9	-32.9	432.4	423.3	9.14	47.311		
2,200.0	2,168.8	2,129.3	2,126.1	7.1	4.8	170.51	185.6	-40.6	466.3	456.7	9.64	48.358		
2,300.0	2,265.5	2,223.3	2,219.4	7.6	5.0	170.04	194.3	-48.3	500.3	490.1	10.15	49.292		
2,400.0	2,362.2	2,317.3	2,312.6	8.1	5.3	169.62	203.1	-56.0	534.2	523.6	10.66	50.112		
2,500.0	2,458.9	2,411.3	2,405.9	8.6	5.6	169.26	211.8	-63.7	568.2	557.0	11.18	50.839		
2,600.0	2,555.6	2,505.3	2,499.2	9.1	5.8	168.93	220.5	-71.4	602.2	590.5	11.70	51.486		
2,700.0	2,652.3	2,599.2	2,592.5	9.7	6.1	168.64	229.2	-79.1	636.2	624.0	12.22	52.065		
2,800.0	2,749.0	2,693.2	2,685.7	10.2	6.4	168.38	238.0	-86.8	670.3	657.5	12.75	52.584		
2,900.0	2,845.7	2,787.2	2,779.0	10.7	6.6	168.15	246.7	-94.5	704.3	691.0	13.28	53.053		
3,000.0	2,942.4	2,881.2	2,872.3	11.2	6.9	167.94	255.4	-102.2	738.4	724.6	13.81	53.477		
3,100.0	3,039.1	2,975.2	2,965.5	11.8	7.2	167.74	264.1	-109.9	772.4	758.1	14.34	53.864		
3,200.0	3,135.8	3,069.2	3,058.8	12.3	7.5	167.56	272.9	-117.6	806.5	791.6	14.88	54.216		
3,300.0	3,232.5	3,163.2	3,152.1	12.8	7.8	167.40	281.6	-125.3	840.6	825.1	15.41	54.538		
3,400.0	3,329.2	3,257.2	3,245.3	13.4	8.1	167.25	290.3	-132.9	874.6	858.7	15.95	54.834		
3,500.0	3,425.9	3,351.2	3,338.6	13.9	8.3	167.11	299.0	-140.6	908.7	892.2	16.49	55.107		
3,600.0	3,522.6	3,445.2	3,431.9	14.4	8.6	166.98	307.7	-148.3	942.8	925.8	17.03	55.359		
3,700.0	3,619.3	3,539.1	3,525.1	14.9	8.9	166.86	316.5	-156.0	976.9	959.3	17.57	55.592		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 44-2N-A
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 44-2N-A	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 44-2N-A
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 44-2N-A
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 44-2N-A	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 44-2N-A
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.34°

