

Synergy Resources

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

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

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

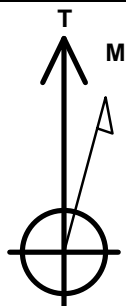
Ground Elevation: 5000.0

+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1367716.73 3145254.51 40.341612 -104.978905

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

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2223'FSL & 254'FWL	1.0	0.0	0.0	Point
BHL 2472'FSL & 460'FEL	6900.0	288.6	4586.1	Point



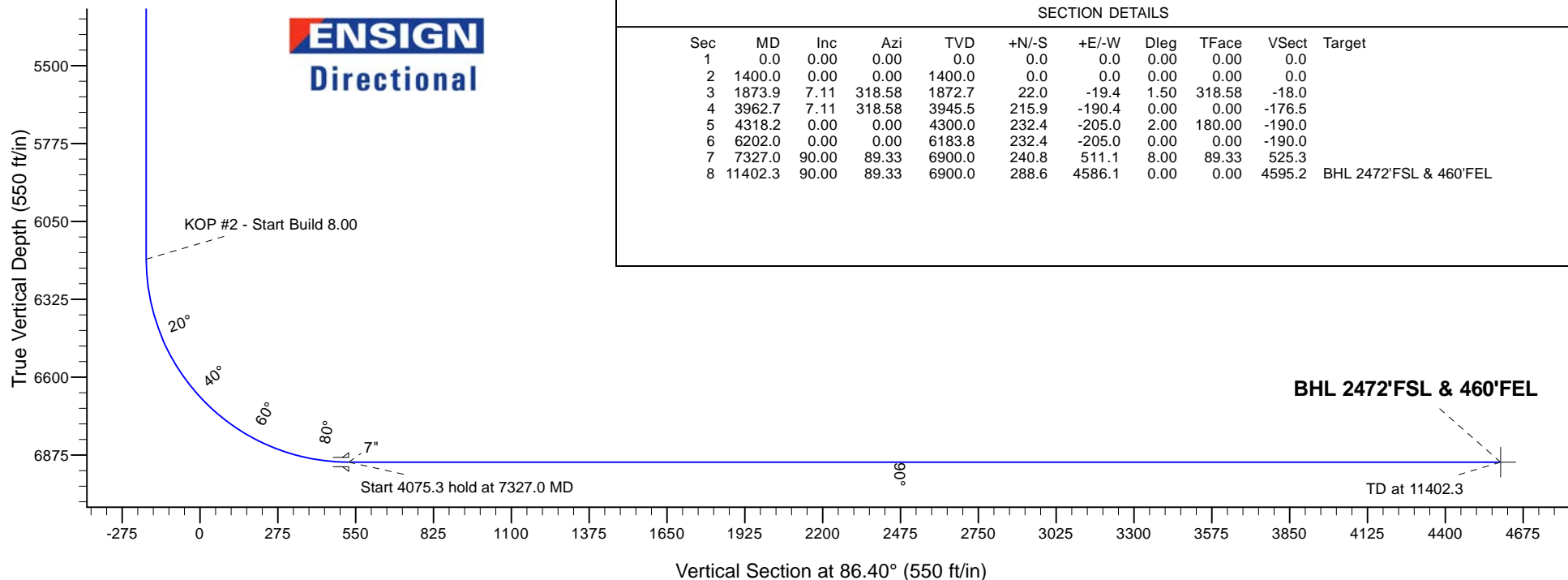
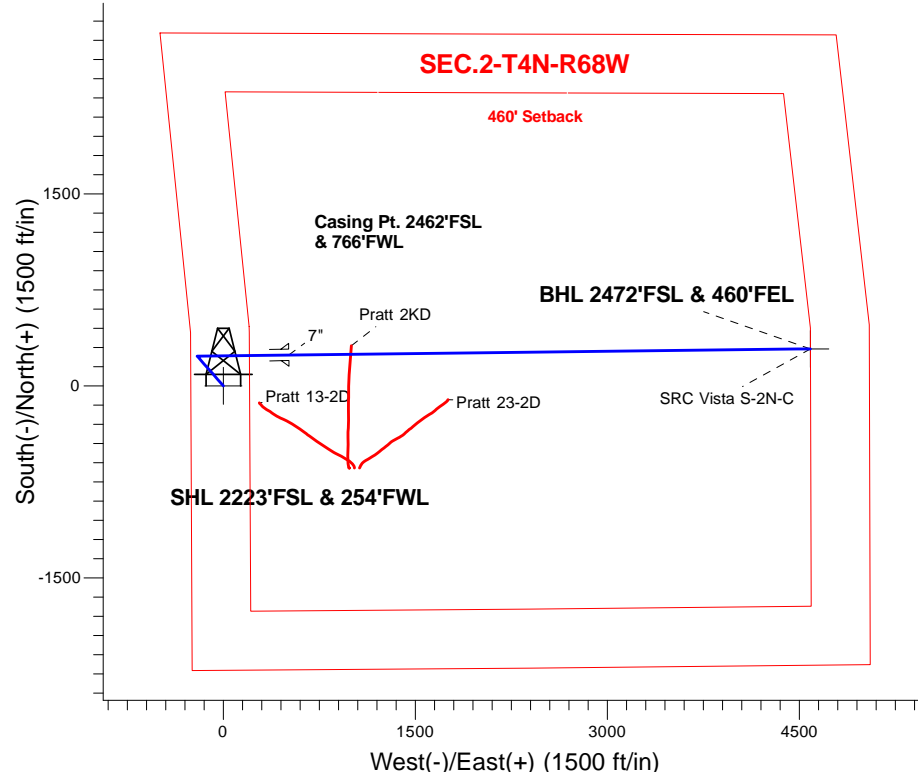
Azimuths to True North
Magnetic North: 8.53°

Magnetic Field
Strength: 52729.6snT
Dip Angle: 66.86°
Date: 10/1/2014
Model: IGRF2010

SRC Vista Pad Sec.2-T4N-R68W
SRC Vista S-2N-C
Plan #2 (9-21-15)
17:04, September 21 2015

ANNOTATIONS

TVD	MD	Annotation
1400.0	1400.0	KOP - Start Build 1.50
3945.5	3962.7	Start Drop -2.00
6183.8	6202.0	KOP #2 - Start Build 8.00
6900.0	7327.0	Start 4075.3 hold at 7327.0 MD
6900.0	11402.3	TD at 11402.3





Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista S-2N-C

Wellbore #1

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

Standard Planning Report

21 September, 2015



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

Project	SEC.2-T4N-R68W, Weld County, Colorad		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

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

Well	SRC Vista S-2N-C					
Well Position	+N/-S	180.0 ft	Northing:	1,367,716.73 usft	Latitude:	40.341612
	+E/-W	-0.3 ft	Easting:	3,145,254.51 usft	Longitude:	-104.978905
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	10/1/2014	8.53	66.86	52,730

Design	Plan #2 (9-21-15)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	86.40

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	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,873.9	7.11	318.58	1,872.7	22.0	-19.4	1.50	1.50	0.00	318.58	
3,962.7	7.11	318.58	3,945.5	215.9	-190.4	0.00	0.00	0.00	0.00	
4,318.2	0.00	0.00	4,300.0	232.4	-205.0	2.00	-2.00	0.00	180.00	
6,202.0	0.00	0.00	6,183.8	232.4	-205.0	0.00	0.00	0.00	0.00	
7,327.0	90.00	89.33	6,900.0	240.8	511.1	8.00	8.00	0.00	89.33	
11,402.3	90.00	89.33	6,900.0	288.6	4,586.1	0.00	0.00	0.00	0.00	BHL 2472'FSL & 460'

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

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 2223'FSL & 254'FWL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
1,500.0	1.50	318.58	1,500.0	1.0	-0.9	-0.8	1.50	1.50	0.00
1,600.0	3.00	318.58	1,599.9	3.9	-3.5	-3.2	1.50	1.50	0.00
1,700.0	4.50	318.58	1,699.7	8.8	-7.8	-7.2	1.50	1.50	0.00
1,800.0	6.00	318.58	1,799.3	15.7	-13.8	-12.8	1.50	1.50	0.00
1,873.9	7.11	318.58	1,872.7	22.0	-19.4	-18.0	1.50	1.50	0.00
1,900.0	7.11	318.58	1,898.6	24.4	-21.6	-20.0	0.00	0.00	0.00
2,000.0	7.11	318.58	1,997.8	33.7	-29.7	-27.6	0.00	0.00	0.00
2,100.0	7.11	318.58	2,097.0	43.0	-37.9	-35.2	0.00	0.00	0.00
2,200.0	7.11	318.58	2,196.3	52.3	-46.1	-42.7	0.00	0.00	0.00
2,300.0	7.11	318.58	2,295.5	61.6	-54.3	-50.3	0.00	0.00	0.00
2,400.0	7.11	318.58	2,394.7	70.8	-62.5	-57.9	0.00	0.00	0.00
2,500.0	7.11	318.58	2,494.0	80.1	-70.7	-65.5	0.00	0.00	0.00
2,600.0	7.11	318.58	2,593.2	89.4	-78.9	-73.1	0.00	0.00	0.00
2,700.0	7.11	318.58	2,692.4	98.7	-87.1	-80.7	0.00	0.00	0.00
2,800.0	7.11	318.58	2,791.7	108.0	-95.2	-88.3	0.00	0.00	0.00
2,900.0	7.11	318.58	2,890.9	117.3	-103.4	-95.9	0.00	0.00	0.00
3,000.0	7.11	318.58	2,990.1	126.5	-111.6	-103.4	0.00	0.00	0.00
3,100.0	7.11	318.58	3,089.4	135.8	-119.8	-111.0	0.00	0.00	0.00
3,200.0	7.11	318.58	3,188.6	145.1	-128.0	-118.6	0.00	0.00	0.00
3,300.0	7.11	318.58	3,287.8	154.4	-136.2	-126.2	0.00	0.00	0.00
3,400.0	7.11	318.58	3,387.1	163.7	-144.4	-133.8	0.00	0.00	0.00
3,500.0	7.11	318.58	3,486.3	172.9	-152.5	-141.4	0.00	0.00	0.00
3,600.0	7.11	318.58	3,585.5	182.2	-160.7	-149.0	0.00	0.00	0.00
3,700.0	7.11	318.58	3,684.7	191.5	-168.9	-156.6	0.00	0.00	0.00
3,800.0	7.11	318.58	3,784.0	200.8	-177.1	-164.1	0.00	0.00	0.00
3,900.0	7.11	318.58	3,883.2	210.1	-185.3	-171.7	0.00	0.00	0.00
3,962.7	7.11	318.58	3,945.4	215.9	-190.4	-176.5	0.00	0.00	0.00
Start Drop -2.00									
4,000.0	6.36	318.58	3,982.5	219.2	-193.3	-179.2	2.00	-2.00	0.00
4,100.0	4.36	318.58	4,082.0	226.2	-199.5	-184.9	2.00	-2.00	0.00
4,200.0	2.36	318.58	4,181.8	230.6	-203.4	-188.5	2.00	-2.00	0.00
4,300.0	0.36	318.58	4,281.8	232.4	-205.0	-190.0	2.00	-2.00	0.00
4,318.2	0.00	0.00	4,300.0	232.4	-205.0	-190.0	2.00	-2.00	0.00
4,400.0	0.00	0.00	4,381.8	232.4	-205.0	-190.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,481.8	232.4	-205.0	-190.0	0.00	0.00	0.00

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Well:	SRC Vista S-2N-C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,600.0	0.00	0.00	4,581.8	232.4	-205.0	-190.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,681.8	232.4	-205.0	-190.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,781.8	232.4	-205.0	-190.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,881.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,981.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,081.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,181.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,281.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,381.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,481.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,581.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,681.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,781.8	232.4	-205.0	-190.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,881.8	232.4	-205.0	-190.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,981.8	232.4	-205.0	-190.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,081.8	232.4	-205.0	-190.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,181.8	232.4	-205.0	-190.0	0.00	0.00	0.00
6,202.0	0.00	0.00	6,183.8	232.4	-205.0	-190.0	0.00	0.00	0.00
KOP #2 - Start Build 8.00									
6,300.0	7.84	89.33	6,281.5	232.5	-198.3	-183.3	8.00	8.00	0.00
6,400.0	15.84	89.33	6,379.3	232.7	-177.8	-162.8	8.00	8.00	0.00
6,500.0	23.84	89.33	6,473.3	233.1	-143.9	-129.0	8.00	8.00	0.00
6,600.0	31.84	89.33	6,561.6	233.7	-97.2	-82.4	8.00	8.00	0.00
6,700.0	39.84	89.33	6,642.6	234.4	-38.7	-23.9	8.00	8.00	0.00
6,800.0	47.84	89.33	6,714.7	235.2	30.5	45.2	8.00	8.00	0.00
6,900.0	55.84	89.33	6,776.4	236.1	109.0	123.7	8.00	8.00	0.00
7,000.0	63.84	89.33	6,826.6	237.1	195.4	209.9	8.00	8.00	0.00
7,100.0	71.84	89.33	6,864.3	238.2	288.0	302.3	8.00	8.00	0.00
7,200.0	79.84	89.33	6,888.8	239.3	384.8	399.1	8.00	8.00	0.00
7,300.0	87.84	89.33	6,899.5	240.5	484.2	498.3	8.00	8.00	0.00
7,327.0	90.00	89.33	6,900.0	240.8	511.2	525.3	8.00	8.00	0.00
Start 4075.3 hold at 7327.0 MD - 7"									
7,400.0	90.00	89.33	6,900.0	241.7	584.2	598.2	0.00	0.00	0.00
7,500.0	90.00	89.33	6,900.0	242.8	684.1	698.1	0.00	0.00	0.00
7,600.0	90.00	89.33	6,900.0	244.0	784.1	797.9	0.00	0.00	0.00
7,700.0	90.00	89.33	6,900.0	245.2	884.1	897.8	0.00	0.00	0.00
7,800.0	90.00	89.33	6,900.0	246.4	984.1	997.7	0.00	0.00	0.00
7,900.0	90.00	89.33	6,900.0	247.5	1,084.1	1,097.5	0.00	0.00	0.00
8,000.0	90.00	89.33	6,900.0	248.7	1,184.1	1,197.4	0.00	0.00	0.00
8,100.0	90.00	89.33	6,900.0	249.9	1,284.1	1,297.3	0.00	0.00	0.00
8,200.0	90.00	89.33	6,900.0	251.0	1,384.1	1,397.1	0.00	0.00	0.00
8,300.0	90.00	89.33	6,900.0	252.2	1,484.1	1,497.0	0.00	0.00	0.00
8,400.0	90.00	89.33	6,900.0	253.4	1,584.1	1,596.9	0.00	0.00	0.00
8,500.0	90.00	89.33	6,900.0	254.6	1,684.1	1,696.7	0.00	0.00	0.00
8,600.0	90.00	89.33	6,900.0	255.7	1,784.1	1,796.6	0.00	0.00	0.00
8,700.0	90.00	89.33	6,900.0	256.9	1,884.1	1,896.5	0.00	0.00	0.00
8,800.0	90.00	89.33	6,900.0	258.1	1,984.1	1,996.4	0.00	0.00	0.00
8,900.0	90.00	89.33	6,900.0	259.3	2,084.1	2,096.2	0.00	0.00	0.00
9,000.0	90.00	89.33	6,900.0	260.4	2,184.0	2,196.1	0.00	0.00	0.00
9,100.0	90.00	89.33	6,900.0	261.6	2,284.0	2,296.0	0.00	0.00	0.00
9,200.0	90.00	89.33	6,900.0	262.8	2,384.0	2,395.8	0.00	0.00	0.00
9,300.0	90.00	89.33	6,900.0	263.9	2,484.0	2,495.7	0.00	0.00	0.00
9,400.0	90.00	89.33	6,900.0	265.1	2,584.0	2,595.6	0.00	0.00	0.00
9,500.0	90.00	89.33	6,900.0	266.3	2,684.0	2,695.4	0.00	0.00	0.00

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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 S-2N-C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,600.0	90.00	89.33	6,900.0	267.5	2,784.0	2,795.3	0.00	0.00	0.00	
9,700.0	90.00	89.33	6,900.0	268.6	2,884.0	2,895.2	0.00	0.00	0.00	
9,800.0	90.00	89.33	6,900.0	269.8	2,984.0	2,995.0	0.00	0.00	0.00	
9,900.0	90.00	89.33	6,900.0	271.0	3,084.0	3,094.9	0.00	0.00	0.00	
10,000.0	90.00	89.33	6,900.0	272.2	3,184.0	3,194.8	0.00	0.00	0.00	
10,100.0	90.00	89.33	6,900.0	273.3	3,284.0	3,294.7	0.00	0.00	0.00	
10,200.0	90.00	89.33	6,900.0	274.5	3,384.0	3,394.5	0.00	0.00	0.00	
10,300.0	90.00	89.33	6,900.0	275.7	3,484.0	3,494.4	0.00	0.00	0.00	
10,400.0	90.00	89.33	6,900.0	276.9	3,583.9	3,594.3	0.00	0.00	0.00	
10,500.0	90.00	89.33	6,900.0	278.0	3,683.9	3,694.1	0.00	0.00	0.00	
10,600.0	90.00	89.33	6,900.0	279.2	3,783.9	3,794.0	0.00	0.00	0.00	
10,700.0	90.00	89.33	6,900.0	280.4	3,883.9	3,893.9	0.00	0.00	0.00	
10,800.0	90.00	89.33	6,900.0	281.5	3,983.9	3,993.7	0.00	0.00	0.00	
10,900.0	90.00	89.33	6,900.0	282.7	4,083.9	4,093.6	0.00	0.00	0.00	
11,000.0	90.00	89.33	6,900.0	283.9	4,183.9	4,193.5	0.00	0.00	0.00	
11,100.0	90.00	89.33	6,900.0	285.1	4,283.9	4,293.3	0.00	0.00	0.00	
11,200.0	90.00	89.33	6,900.0	286.2	4,383.9	4,393.2	0.00	0.00	0.00	
11,300.0	90.00	89.33	6,900.0	287.4	4,483.9	4,493.1	0.00	0.00	0.00	
11,400.0	90.00	89.33	6,900.0	288.6	4,583.9	4,593.0	0.00	0.00	0.00	
11,402.3	90.00	89.33	6,900.0	288.6	4,586.1	4,595.2	0.00	0.00	0.00	
TD at 11402.3 - BHL 2472'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 2223'FSL & 254'FW	0.00	0.00	1.0	0.0	0.0	1,367,716.75	3,145,254.51	40.341612	-104.978905	
- plan hits target center										
- Point										
BHL 2472'FSL & 460'FE	0.00	0.00	6,900.0	288.6	4,586.1	1,368,032.28	3,149,838.68	40.342403	-104.962453	
- plan hits target center										
- Point										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,327.0	6,900.0	7"	7	7-1/2	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
1,400.0	1,400.0	0.0	0.0	KOP - Start Build 1.50	
3,962.7	3,945.5	22.0	-19.4	Start Drop -2.00	
6,202.0	6,183.8	215.9	-190.4	KOP #2 - Start Build 8.00	
7,327.0	6,900.0	232.4	-205.0	Start 4075.3 hold at 7327.0 MD	
11,402.3	6,900.0	232.4	-205.0	TD at 11402.3	



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista S-2N-C

Wellbore #1

Plan #2 (9-21-15)

Anticollision Report

21 September, 2015



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

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

Survey Tool Program		Date	9/21/2015		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	11,402.3	Plan #2 (9-21-15) (Wellbore #1)	MWD	MWD - Standard	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Pratt 14-2D Pad Sec.2-T4N-R68W						
Pratt 13-2D - Wellbore #1 - Wellbore #1	7,149.2	6,961.3	422.4	384.1	11.030	CC
Pratt 13-2D - Wellbore #1 - Wellbore #1	7,150.0	6,961.5	422.4	384.1	11.027	ES
Pratt 13-2D - Wellbore #1 - Wellbore #1	7,250.0	6,968.8	434.6	394.6	10.861	SF
Pratt 23-2D - Wellbore #1 - Wellbore #1	8,540.3	6,975.9	390.8	319.7	5.493	CC, ES
Pratt 23-2D - Wellbore #1 - Wellbore #1	8,600.0	6,979.2	395.4	322.6	5.435	SF
Pratt 2KD - Wellbore #1 - Wellbore #1	7,815.2	6,967.8	6.8	-42.2	0.139	Level 1, CC, ES, SF
SRC Vista Pad Sec.2-T4N-R68W						
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,400.0	39.7	33.6	6.543	CC, ES
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	11,402.3	11,714.6	450.4	259.2	2.356	SF
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,400.0	20.0	14.0	3.300	CC, ES
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,402.3	11,289.0	296.9	38.0	1.147	Level 2, SF
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,400.0	59.7	53.7	9.844	CC, ES
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,402.3	11,403.5	599.7	338.2	2.294	SF
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	400.0	400.0	159.9	158.4	101.649	CC, ES
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,340.7	282.9	276.8	46.003	SF
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	139.9	137.4	56.584	CC, ES
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,300.0	1,268.7	200.7	195.2	36.669	SF
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	200.0	200.0	180.0	179.3	266.885	CC, ES
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,313.8	355.4	348.9	54.734	SF
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	1,000.0	1,000.0	99.8	95.5	23.373	CC, ES
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	1,300.0	1,292.1	110.9	105.4	20.193	SF
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,200.0	1,200.0	79.8	74.6	15.432	CC, ES
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,402.3	11,431.0	896.6	635.5	3.435	SF
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	119.8	116.5	35.547	CC, ES
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,300.0	1,282.6	150.8	145.4	27.723	SF

Offset Design													
Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1													
Survey Program: 48-MWD													
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,300.0	4,281.8	4,429.0	4,396.2	10.9	13.0	166.78	-340.7	602.9	996.7	977.2	19.47	51.202	
4,318.2	4,300.0	4,447.0	4,414.2	10.9	13.1	125.36	-339.6	601.2	994.7	970.8	23.96	41.518	

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-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		
4,400.0	4,381.8	4,537.7	4,504.2	11.1	13.3	125.40	-334.2	592.4	985.4	961.1	24.37	40.439		
4,500.0	4,481.8	4,651.6	4,617.2	11.3	13.7	125.42	-325.9	580.0	972.3	947.4	24.91	39.029		
4,600.0	4,581.8	4,747.0	4,711.7	11.5	14.0	125.42	-318.5	569.7	959.0	933.6	25.40	37.751		
4,700.0	4,681.8	4,837.5	4,801.4	11.7	14.3	125.43	-312.0	560.3	946.3	920.4	25.87	36.579		
4,800.0	4,781.8	4,940.5	4,903.7	11.8	14.6	125.50	-305.6	549.4	934.1	907.7	26.38	35.407		
4,900.0	4,881.8	5,042.3	5,004.6	12.0	14.9	125.56	-298.7	537.9	921.0	894.1	26.89	34.250		
5,000.0	4,981.8	5,132.4	5,094.1	12.2	15.2	125.61	-292.9	528.3	908.5	881.2	27.36	33.203		
5,100.0	5,081.8	5,233.2	5,194.1	12.4	15.5	125.67	-286.5	517.9	896.5	868.6	27.86	32.179		
5,200.0	5,181.8	5,323.7	5,283.9	12.6	15.7	125.70	-280.6	509.0	884.7	856.4	28.32	31.240		
5,300.0	5,281.8	5,419.4	5,379.1	12.8	16.0	125.72	-274.9	500.6	874.1	845.3	28.79	30.359		
5,400.0	5,381.8	5,534.3	5,493.1	13.0	16.3	125.89	-269.1	488.1	862.3	832.9	29.33	29.399		
5,500.0	5,481.8	5,627.2	5,585.4	13.2	16.6	126.11	-265.1	477.1	850.1	820.3	29.81	28.517		
5,600.0	5,581.8	5,733.7	5,691.0	13.4	16.9	126.34	-260.3	464.7	838.1	807.7	30.33	27.629		
5,700.0	5,681.8	5,827.8	5,784.3	13.6	17.2	126.49	-255.0	453.8	825.5	794.6	30.82	26.787		
5,800.0	5,781.8	5,918.1	5,874.0	13.8	17.5	126.64	-250.6	444.5	814.3	783.0	31.28	26.027		
5,900.0	5,881.8	6,035.9	5,990.9	14.0	17.8	126.82	-244.1	431.5	802.1	770.3	31.84	25.194		
6,000.0	5,981.8	6,126.6	6,080.9	14.2	18.1	126.94	-238.6	421.3	789.5	757.2	32.32	24.429		
6,100.0	6,081.8	6,230.1	6,183.6	14.5	18.4	127.06	-232.3	410.4	777.4	744.5	32.84	23.675		
6,202.0	6,183.8	6,334.3	6,286.9	14.7	18.7	127.15	-225.0	398.8	764.0	730.7	33.36	22.900		
6,250.0	6,231.8	6,379.5	6,331.8	14.7	18.9	38.29	-221.8	393.9	756.6	728.7	27.92	27.096		
6,300.0	6,281.5	6,426.3	6,378.1	14.8	19.0	39.07	-218.4	389.1	746.3	718.4	27.92	26.731		
6,350.0	6,330.8	6,472.9	6,424.4	14.9	19.2	40.17	-215.1	384.4	733.6	705.7	27.87	26.322		
6,400.0	6,379.3	6,518.6	6,469.8	14.9	19.3	41.62	-211.8	379.9	718.4	690.6	27.79	25.848		
6,450.0	6,426.9	6,563.9	6,514.7	15.0	19.4	43.46	-208.6	375.5	701.0	673.3	27.73	25.277		
6,500.0	6,473.3	6,608.4	6,558.9	15.0	19.6	45.76	-205.6	371.0	681.4	653.7	27.73	24.571		
6,550.0	6,518.3	6,651.0	6,601.2	15.0	19.7	48.54	-202.9	366.5	659.8	632.0	27.84	23.697		
6,600.0	6,561.6	6,691.9	6,641.7	15.1	19.8	51.82	-200.4	362.2	636.6	608.5	28.13	22.631		
6,650.0	6,603.2	6,730.8	6,680.4	15.1	19.9	55.60	-198.0	358.0	612.1	583.5	28.64	21.373		
6,700.0	6,642.6	6,767.5	6,716.8	15.2	20.0	59.84	-195.6	354.1	586.6	557.2	29.39	19.962		
6,750.0	6,679.9	6,801.7	6,750.7	15.2	20.1	64.47	-193.2	350.5	560.7	530.3	30.36	18.469		
6,800.0	6,714.7	6,832.5	6,781.3	15.4	20.2	69.30	-191.1	347.2	534.8	503.4	31.48	16.989		
6,850.0	6,746.9	6,860.4	6,808.9	15.6	20.3	74.19	-189.3	344.2	509.8	477.1	32.67	15.603		
6,900.0	6,776.4	6,885.2	6,833.5	16.0	20.4	78.93	-187.6	341.5	486.3	452.4	33.84	14.371		
6,950.0	6,803.1	6,906.8	6,855.0	16.4	20.5	83.29	-186.2	339.2	465.2	430.3	34.91	13.325		
7,000.0	6,826.6	6,925.2	6,873.2	17.0	20.5	87.08	-185.1	337.1	447.4	411.5	35.86	12.475		
7,050.0	6,847.1	6,940.5	6,888.3	17.6	20.6	90.16	-184.1	335.4	433.8	397.1	36.72	11.815		
7,100.0	6,864.3	6,952.6	6,900.4	18.3	20.6	92.46	-183.3	334.1	425.3	387.7	37.51	11.336		
7,149.2	6,878.0	6,961.3	6,909.1	19.1	20.6	93.85	-182.7	333.1	422.4	384.1	38.29	11.030 CC		
7,150.0	6,878.2	6,961.5	6,909.2	19.1	20.6	93.87	-182.7	333.1	422.4	384.1	38.31	11.027 ES		
7,200.0	6,888.8	6,966.9	6,914.6	19.9	20.7	94.35	-182.4	332.6	425.5	386.4	39.13	10.873		
7,250.0	6,895.9	6,968.8	6,916.5	20.8	20.7	93.87	-182.2	332.4	434.6	394.6	40.02	10.861 SF		
7,300.0	6,899.5	6,967.1	6,914.8	21.8	20.7	92.41	-182.4	332.5	449.4	408.4	40.95	10.974		
7,327.0	6,900.0	6,964.7	6,912.4	22.3	20.6	91.20	-182.5	332.8	459.4	418.0	41.46	11.083		
7,400.0	6,900.0	6,956.4	6,904.2	23.8	20.6	90.09	-183.1	333.7	493.1	450.2	42.89	11.495		
7,500.0	6,900.0	6,944.8	6,892.6	25.9	20.6	88.53	-183.8	334.9	551.4	506.5	44.96	12.265		
7,600.0	6,900.0	6,932.7	6,880.7	28.2	20.5	86.91	-184.6	336.3	620.3	573.2	47.11	13.168		
7,700.0	6,900.0	6,921.6	6,869.6	30.5	20.5	85.43	-185.3	337.5	696.6	647.3	49.32	14.125		
7,800.0	6,900.0	6,911.1	6,859.2	33.0	20.5	84.05	-186.0	338.7	778.1	726.5	51.57	15.088		
7,900.0	6,900.0	6,900.7	6,848.9	35.5	20.5	82.69	-186.6	339.8	863.4	809.5	53.84	16.035		
8,000.0	6,900.0	6,890.4	6,838.7	38.0	20.4	81.35	-187.3	341.0	951.4	895.3	56.13	16.951		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
7,700.0	6,900.0	6,923.4	6,868.0	30.5	20.6	84.83	-137.8	1,725.8	925.4	876.3	49.12	18.840		
7,800.0	6,900.0	6,930.0	6,874.6	33.0	20.6	85.79	-137.5	1,726.2	836.0	784.4	51.64	16.189		
7,900.0	6,900.0	6,936.8	6,881.4	35.5	20.6	86.78	-137.2	1,726.6	749.2	695.0	54.21	13.820		
8,000.0	6,900.0	6,943.4	6,888.0	38.0	20.6	87.74	-136.9	1,727.1	666.1	609.3	56.82	11.723		
8,100.0	6,900.0	6,949.9	6,894.4	40.5	20.6	88.67	-136.6	1,727.4	588.2	528.8	59.45	9.894		
8,200.0	6,900.0	6,956.1	6,900.6	43.1	20.7	89.58	-136.3	1,727.8	517.9	455.8	62.09	8.340		
8,300.0	6,900.0	6,962.1	6,906.6	45.8	20.7	90.46	-136.0	1,728.2	458.6	393.9	64.75	7.083		
8,400.0	6,900.0	6,968.0	6,912.5	48.4	20.7	91.32	-135.8	1,728.5	415.2	347.8	67.41	6.159		
8,500.0	6,900.0	6,973.7	6,918.2	51.0	20.7	92.15	-135.5	1,728.9	392.9	322.8	70.07	5.607		
8,540.3	6,900.0	6,975.9	6,920.4	52.1	20.7	92.48	-135.4	1,729.0	390.8	319.7	71.15	5.493 CC, ES		
8,600.0	6,900.0	6,979.2	6,923.7	53.7	20.7	92.96	-135.3	1,729.2	395.4	322.6	72.74	5.435 SF		
8,700.0	6,900.0	6,984.6	6,929.0	56.4	20.7	93.74	-135.0	1,729.5	422.1	346.7	75.40	5.599		
8,800.0	6,900.0	6,989.8	6,934.2	59.1	20.7	94.51	-134.8	1,729.8	469.0	391.0	78.05	6.009		
8,900.0	6,900.0	6,994.9	6,939.3	61.8	20.7	95.25	-134.6	1,730.0	530.8	450.1	80.70	6.577		
9,000.0	6,900.0	6,999.8	6,944.2	64.5	20.8	95.97	-134.4	1,730.3	602.8	519.5	83.34	7.234		
9,100.0	6,900.0	7,004.6	6,949.0	67.2	20.8	96.67	-134.2	1,730.6	682.0	596.0	85.97	7.933		
9,200.0	6,900.0	7,009.3	6,953.7	70.0	20.8	97.35	-134.0	1,730.8	765.9	677.3	88.59	8.646		
9,300.0	6,900.0	7,013.9	6,958.3	72.7	20.8	98.01	-133.8	1,731.0	853.3	762.1	91.20	9.357		
9,400.0	6,900.0	7,018.3	6,962.7	75.4	20.8	98.66	-133.6	1,731.3	943.2	849.4	93.80	10.056		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2KD - Wellbore #1 - Wellbore #1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
6,750.0	6,679.9	6,738.2	6,673.3	15.2	20.6	2.01	221.0	994.3	999.9	973.4	26.50	37.723		
6,800.0	6,714.7	6,781.1	6,715.9	15.4	20.7	1.81	226.0	994.6	964.2	939.0	25.12	38.378		
6,850.0	6,746.9	6,820.1	6,754.6	15.6	20.9	1.57	231.0	994.5	925.8	902.2	23.65	39.145		
6,900.0	6,776.4	6,852.2	6,786.4	16.0	21.0	1.32	235.2	994.2	885.2	863.1	22.11	40.038		
6,950.0	6,803.1	6,876.2	6,810.2	16.4	21.0	1.11	238.4	994.0	842.7	822.2	20.52	41.069		
7,000.0	6,826.6	6,897.6	6,831.4	17.0	21.1	0.86	241.2	993.9	798.5	779.6	18.93	42.184		
7,050.0	6,847.1	6,916.3	6,850.0	17.6	21.2	0.56	243.7	993.8	752.8	735.4	17.38	43.305		
7,100.0	6,864.3	6,932.2	6,865.7	18.3	21.2	0.17	245.8	993.8	705.9	689.9	15.95	44.263		
7,150.0	6,878.2	6,945.1	6,878.6	19.1	21.2	-0.36	247.5	993.8	657.9	643.2	14.70	44.746		
7,200.0	6,888.8	6,955.1	6,888.4	19.9	21.3	-1.22	248.8	993.8	609.0	595.3	13.77	44.222		
7,250.0	6,895.9	6,961.8	6,895.1	20.8	21.3	-2.96	249.7	993.8	559.6	546.2	13.39	41.776		
7,300.0	6,899.5	6,965.4	6,898.7	21.8	21.3	-9.70	250.1	993.8	509.7	494.6	15.12	33.705		
7,327.0	6,900.0	6,966.0	6,899.2	22.3	21.3	-58.82	250.2	993.8	482.8	448.3	34.43	14.023		
7,400.0	6,900.0	6,966.2	6,899.5	23.8	21.3	-61.95	250.3	993.8	409.7	373.2	36.53	11.218		
7,500.0	6,900.0	6,966.6	6,899.8	25.9	21.3	-66.53	250.3	993.8	309.8	270.2	39.54	7.834		
7,600.0	6,900.0	6,967.0	6,900.2	28.2	21.3	-71.43	250.3	993.8	209.8	167.1	42.62	4.921		
7,700.0	6,900.0	6,967.3	6,900.6	30.5	21.3	-76.60	250.4	993.8	109.8	64.1	45.68	2.404		
7,800.0	6,900.0	6,967.7	6,900.9	33.0	21.3	-81.97	250.4	993.8	10.5	-38.0	48.57	0.217 Level 1		
7,815.2	6,900.0	6,967.8	6,901.0	33.3	21.3	-82.80	250.5	993.8	6.8	-42.2	49.00	0.139 Level 1, CC, ES, SF		
7,900.0	6,900.0	6,968.1	6,901.3	35.5	21.3	-87.46	250.5	993.8	90.4	39.1	51.21	1.764		
8,000.0	6,900.0	6,968.5	6,901.7	38.0	21.3	-92.97	250.5	993.8	190.3	136.8	53.50	3.557		
8,100.0	6,900.0	6,968.9	6,902.1	40.5	21.3	-98.40	250.6	993.8	290.3	234.9	55.38	5.242		
8,200.0	6,900.0	6,969.3	6,902.5	43.1	21.3	-103.65	250.7	993.8	390.3	333.5	56.83	6.868		
8,300.0	6,900.0	6,969.7	6,902.9	45.8	21.3	-108.66	250.7	993.8	490.3	432.4	57.86	8.473		
8,400.0	6,900.0	6,970.1	6,903.4	48.4	21.3	-113.37	250.8	993.8	590.3	531.7	58.54	10.084		
8,500.0	6,900.0	6,970.6	6,903.8	51.0	21.3	-117.74	250.8	993.8	690.3	631.4	58.91	11.718		
8,600.0	6,900.0	6,971.0	6,904.2	53.7	21.3	-121.78	250.9	993.8	790.3	731.2	59.04	13.385		
8,700.0	6,900.0	6,971.5	6,904.7	56.4	21.3	-125.47	250.9	993.8	890.3	831.3	59.00	15.091		
8,800.0	6,900.0	6,972.0	6,905.2	59.1	21.3	-128.83	251.0	993.8	990.3	931.4	58.83	16.833		

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis		Distance								Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-39.7	0.0	39.7						
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-39.7	0.0	39.7	39.5	0.22	176.653			
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-39.7	0.0	39.7	39.0	0.67	58.884			
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-39.7	0.0	39.7	38.6	1.12	35.331			
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-39.7	0.0	39.7	38.1	1.57	25.236			
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-39.7	0.0	39.7	37.7	2.02	19.628			
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-39.7	0.0	39.7	37.2	2.47	16.059			
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-39.7	0.0	39.7	36.8	2.92	13.589			
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-39.7	0.0	39.7	36.3	3.37	11.777			
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-39.7	0.0	39.7	35.9	3.82	10.391			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-39.7	0.0	39.7	35.4	4.27	9.298			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-39.7	0.0	39.7	35.0	4.72	8.412			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-39.7	0.0	39.7	34.5	5.17	7.681			
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-39.7	0.0	39.7	34.1	5.62	7.066			
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-39.7	0.0	39.7	33.6	6.07	6.543	CC, ES		
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-139.79	-39.7	0.0	40.7	34.2	6.51	6.247			
1,600.0	1,599.9	1,599.9	1,599.9	3.5	3.5	-143.08	-39.7	0.0	43.8	36.8	6.96	6.291			
1,700.0	1,699.7	1,699.6	1,699.6	3.7	3.7	-146.11	-40.0	-1.3	49.2	41.9	7.38	6.671			
1,800.0	1,799.3	1,799.2	1,799.1	3.9	3.9	-147.25	-40.8	-5.1	57.2	49.4	7.80	7.334			
1,873.9	1,872.7	1,872.7	1,872.4	4.1	4.0	-147.20	-41.8	-9.5	64.6	56.5	8.11	7.962			
1,900.0	1,898.6	1,898.6	1,898.3	4.2	4.1	-147.04	-42.2	-11.4	67.4	59.2	8.22	8.197			
2,000.0	1,997.8	1,997.8	1,997.1	4.4	4.3	-145.32	-44.1	-20.2	78.4	69.7	8.68	9.040			
2,100.0	2,097.0	2,097.0	2,095.6	4.7	4.5	-142.69	-46.5	-31.1	89.8	80.6	9.15	9.811			
2,200.0	2,196.3	2,196.2	2,194.3	5.0	4.8	-140.55	-48.9	-42.1	101.3	91.6	9.64	10.510			
2,300.0	2,295.5	2,295.5	2,292.9	5.2	5.0	-138.84	-51.3	-53.2	112.9	102.8	10.14	11.139			
2,400.0	2,394.7	2,394.8	2,391.5	5.5	5.3	-137.45	-53.7	-64.2	124.6	114.0	10.65	11.705			
2,500.0	2,494.0	2,494.1	2,490.1	5.8	5.5	-136.31	-56.1	-75.2	136.4	125.2	11.16	12.216			
2,600.0	2,593.2	2,593.3	2,588.8	6.1	5.8	-135.34	-58.5	-86.3	148.2	136.5	11.69	12.677			
2,700.0	2,692.4	2,692.6	2,687.4	6.4	6.1	-134.52	-60.9	-97.3	160.0	147.8	12.22	13.094			
2,800.0	2,791.7	2,791.9	2,786.0	6.7	6.3	-133.81	-63.3	-108.4	171.9	159.1	12.76	13.473			
2,900.0	2,890.9	2,891.1	2,884.6	7.0	6.6	-133.19	-65.7	-119.4	183.8	170.5	13.30	13.818			
3,000.0	2,990.1	2,990.4	2,983.3	7.3	6.9	-132.65	-68.2	-130.5	195.7	181.9	13.85	14.132			
3,100.0	3,089.4	3,089.7	3,081.9	7.6	7.2	-132.17	-70.6	-141.5	207.7	193.3	14.40	14.420			
3,200.0	3,188.6	3,189.0	3,180.5	7.9	7.4	-131.74	-73.0	-152.6	219.6	204.6	14.95	14.684			
3,300.0	3,287.8	3,288.2	3,279.1	8.2	7.7	-131.36	-75.4	-163.6	231.6	216.0	15.51	14.927			
3,400.0	3,387.1	3,387.5	3,377.8	8.5	8.0	-131.01	-77.8	-174.6	243.5	227.4	16.07	15.151			
3,500.0	3,486.3	3,486.9	3,476.5	8.8	8.3	-130.70	-80.2	-185.7	255.5	238.9	16.63	15.359			
3,600.0	3,585.5	3,589.4	3,578.5	9.1	8.5	-130.80	-82.3	-195.2	266.8	249.7	17.14	15.563			
3,700.0	3,684.7	3,692.0	3,681.0	9.4	8.8	-131.60	-83.6	-201.2	277.0	259.4	17.63	15.712			
3,800.0	3,784.0	3,794.6	3,783.5	9.7	8.9	-133.05	-84.1	-203.6	286.1	268.0	18.09	15.819			
3,900.0	3,883.2	3,894.3	3,883.2	10.0	9.1	-134.80	-84.1	-203.6	294.7	276.2	18.52	15.910			
3,962.7	3,945.5	3,956.5	3,945.5	10.2	9.2	-135.85	-84.1	-203.6	300.3	281.5	18.81	15.967			
4,000.0	3,982.5	3,993.5	3,982.5	10.3	9.3	-136.47	-84.1	-203.6	303.4	284.5	18.97	15.997			
4,100.0	4,082.0	4,093.1	4,082.0	10.5	9.5	-137.75	-84.1	-203.6	310.3	290.9	19.36	16.028			
4,200.0	4,181.8	4,192.9	4,181.8	10.7	9.7	-138.52	-84.1	-203.6	314.7	294.9	19.74	15.944			
4,300.0	4,281.8	4,292.9	4,281.8	10.9	9.9	-138.83	-84.1	-203.6	316.5	296.4	20.10	15.746			
4,318.2	4,300.0	4,311.1	4,300.0	10.9	10.0	179.75	-84.1	-203.6	316.5	297.0	19.52	16.215			
4,400.0	4,381.8	4,392.9	4,381.8	11.1	10.1	179.75	-84.1	-203.6	316.5	296.7	19.84	15.951			
4,500.0	4,481.8	4,492.9	4,481.8	11.3	10.3	179.75	-84.1	-203.6	316.5	296.3	20.26	15.626			
4,600.0	4,581.8	4,592.9	4,581.8	11.5	10.5	179.75	-84.1	-203.6	316.5	295.8	20.67	15.312			
4,700.0	4,681.8	4,692.9	4,681.8	11.7	10.7	179.75	-84.1	-203.6	316.5	295.4	21.09	15.009			
4,800.0	4,781.8	4,792.9	4,781.8	11.8	10.9	179.75	-84.1	-203.6	316.5	295.0	21.51	14.718			

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,881.8	4,892.9	4,881.8	12.0	11.1	179.75	-84.1	-203.6	316.5	294.6	21.92	14.437		
5,000.0	4,981.8	4,992.9	4,981.8	12.2	11.3	179.75	-84.1	-203.6	316.5	294.2	22.34	14.165		
5,100.0	5,081.8	5,092.9	5,081.8	12.4	11.6	179.75	-84.1	-203.6	316.5	293.7	22.77	13.903		
5,200.0	5,181.8	5,192.9	5,181.8	12.6	11.8	179.75	-84.1	-203.6	316.5	293.3	23.19	13.650		
5,300.0	5,281.8	5,292.9	5,281.8	12.8	12.0	179.75	-84.1	-203.6	316.5	292.9	23.61	13.405		
5,400.0	5,381.8	5,392.9	5,381.8	13.0	12.2	179.75	-84.1	-203.6	316.5	292.5	24.04	13.168		
5,500.0	5,481.8	5,492.9	5,481.8	13.2	12.4	179.75	-84.1	-203.6	316.5	292.0	24.46	12.940		
5,600.0	5,581.8	5,592.9	5,581.8	13.4	12.6	179.75	-84.1	-203.6	316.5	291.6	24.89	12.718		
5,700.0	5,681.8	5,692.9	5,681.8	13.6	12.8	179.75	-84.1	-203.6	316.5	291.2	25.31	12.504		
5,800.0	5,781.8	5,792.9	5,781.8	13.8	13.0	179.75	-84.1	-203.6	316.5	290.8	25.74	12.296		
5,900.0	5,881.8	5,892.9	5,881.8	14.0	13.2	179.75	-84.1	-203.6	316.5	290.3	26.17	12.095		
6,000.0	5,981.8	5,992.9	5,981.8	14.2	13.4	179.75	-84.1	-203.6	316.5	289.9	26.60	11.900		
6,100.0	6,081.8	6,092.9	6,081.8	14.5	13.7	179.75	-84.1	-203.6	316.5	289.5	27.03	11.711		
6,202.0	6,183.8	6,194.9	6,183.8	14.7	13.9	179.75	-84.1	-203.6	316.5	289.0	27.47	11.524		
6,250.0	6,231.8	6,242.9	6,231.8	14.7	14.0	90.71	-84.1	-203.6	316.5	288.3	28.21	11.221		
6,300.0	6,281.5	6,292.6	6,281.5	14.8	14.1	91.62	-84.1	-203.6	316.6	288.2	28.40	11.148		
6,350.0	6,330.8	6,341.8	6,330.8	14.9	14.2	93.11	-84.1	-203.6	317.0	288.4	28.59	11.086		
6,400.0	6,379.3	6,390.4	6,379.3	14.9	14.3	95.13	-84.1	-203.6	317.9	289.1	28.77	11.048		
6,450.0	6,426.9	6,438.0	6,426.9	15.0	14.4	97.59	-84.1	-203.6	319.7	290.7	28.93	11.048		
6,500.0	6,473.3	6,484.4	6,473.3	15.0	14.5	100.39	-84.1	-203.6	322.8	293.7	29.06	11.107		
6,550.0	6,518.3	6,531.3	6,520.2	15.0	14.6	103.52	-84.1	-203.4	327.7	298.6	29.14	11.247		
6,600.0	6,561.6	6,583.0	6,571.8	15.1	14.7	106.90	-84.1	-200.4	334.2	305.1	29.14	11.468		
6,650.0	6,603.2	6,636.7	6,625.1	15.1	14.7	110.17	-84.0	-193.3	342.0	312.9	29.06	11.766		
6,700.0	6,642.6	6,692.7	6,679.8	15.2	14.8	113.31	-83.8	-181.6	350.8	321.9	28.90	12.137		
6,750.0	6,679.9	6,751.1	6,735.8	15.2	14.9	116.32	-83.7	-165.0	360.5	331.9	28.67	12.576		
6,800.0	6,714.7	6,812.2	6,792.7	15.4	15.0	119.16	-83.4	-142.7	370.9	342.5	28.37	13.073		
6,850.0	6,746.9	6,876.3	6,850.1	15.6	15.0	121.83	-83.1	-114.3	381.7	353.6	28.04	13.611		
6,900.0	6,776.4	6,943.5	6,907.3	16.0	15.2	124.31	-82.7	-79.1	392.6	364.9	27.71	14.169		
6,950.0	6,803.1	7,014.0	6,963.5	16.4	15.3	126.60	-82.2	-36.6	403.3	375.9	27.42	14.710		
7,000.0	6,826.6	7,087.9	7,017.6	17.0	15.6	128.66	-81.6	13.7	413.6	386.4	27.23	15.190		
7,050.0	6,847.1	7,165.4	7,068.5	17.6	16.1	130.48	-80.9	72.0	423.1	395.9	27.21	15.550		
7,100.0	6,864.3	7,246.1	7,114.5	18.3	16.7	132.05	-80.1	138.4	431.6	404.2	27.43	15.735		
7,150.0	6,878.2	7,330.0	7,154.0	19.1	17.6	133.33	-79.3	212.3	438.7	410.8	27.97	15.686		
7,200.0	6,888.8	7,416.6	7,185.5	19.9	18.7	134.30	-78.3	292.9	444.3	415.4	28.87	15.391		
7,250.0	6,895.9	7,505.3	7,207.4	20.8	20.1	134.96	-77.3	378.8	448.1	417.9	30.15	14.859		
7,300.0	6,899.5	7,595.2	7,218.6	21.8	21.7	135.28	-76.3	467.9	449.9	418.1	31.83	14.136		
7,327.0	6,900.0	7,642.2	7,220.0	22.3	22.6	135.31	-75.7	514.8	450.1	417.3	32.86	13.699		
7,400.0	6,900.0	7,715.2	7,220.0	23.8	24.1	135.31	-74.9	587.8	450.1	415.1	35.03	12.850		
7,500.0	6,900.0	7,815.2	7,220.0	25.9	26.2	135.31	-73.7	687.8	450.1	412.0	38.18	11.791		
7,600.0	6,900.0	7,915.2	7,220.0	28.2	28.5	135.31	-72.6	787.8	450.1	408.7	41.49	10.851		
7,700.0	6,900.0	8,015.2	7,220.0	30.5	30.8	135.31	-71.4	887.8	450.2	405.2	44.93	10.020		
7,800.0	6,900.0	8,115.2	7,220.0	33.0	33.2	135.31	-70.2	987.8	450.2	401.7	48.47	9.288		
7,900.0	6,900.0	8,215.2	7,220.0	35.5	35.7	135.30	-69.1	1,087.8	450.2	398.1	52.09	8.643		
8,000.0	6,900.0	8,315.2	7,220.0	38.0	38.2	135.30	-67.9	1,187.8	450.2	394.4	55.77	8.072		
8,100.0	6,900.0	8,415.2	7,220.0	40.5	40.8	135.30	-66.7	1,287.8	450.2	390.7	59.51	7.565		
8,200.0	6,900.0	8,515.2	7,220.0	43.1	43.3	135.30	-65.6	1,387.8	450.2	386.9	63.29	7.113		
8,300.0	6,900.0	8,615.2	7,220.0	45.8	46.0	135.30	-64.4	1,487.8	450.2	383.1	67.11	6.708		
8,400.0	6,900.0	8,715.2	7,220.0	48.4	48.6	135.30	-63.3	1,587.8	450.2	379.2	70.96	6.344		
8,500.0	6,900.0	8,815.2	7,220.0	51.0	51.2	135.30	-62.1	1,687.8	450.2	375.4	74.83	6.016		
8,600.0	6,900.0	8,915.2	7,220.0	53.7	53.9	135.30	-60.9	1,787.8	450.2	371.5	78.73	5.718		
8,700.0	6,900.0	9,015.2	7,220.0	56.4	56.6	135.30	-59.8	1,887.8	450.2	367.6	82.64	5.448		
8,800.0	6,900.0	9,115.2	7,220.0	59.1	59.3	135.30	-58.6	1,987.7	450.2	363.6	86.57	5.200		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,900.0	6,900.0	9,215.2	7,220.0	61.8	62.0	135.30	-57.4	2,087.7	450.2	359.7	90.52	4.974		
9,000.0	6,900.0	9,315.2	7,220.0	64.5	64.7	135.30	-56.3	2,187.7	450.2	355.8	94.48	4.766		
9,100.0	6,900.0	9,415.2	7,220.0	67.2	67.4	135.29	-55.1	2,287.7	450.2	351.8	98.45	4.573		
9,200.0	6,900.0	9,515.2	7,220.0	70.0	70.1	135.29	-53.9	2,387.7	450.2	347.8	102.42	4.396		
9,300.0	6,900.0	9,615.2	7,220.0	72.7	72.9	135.29	-52.8	2,487.7	450.3	343.8	106.41	4.231		
9,400.0	6,900.0	9,715.2	7,220.0	75.4	75.6	135.29	-51.6	2,587.7	450.3	339.9	110.41	4.078		
9,500.0	6,900.0	9,815.2	7,220.0	78.2	78.3	135.29	-50.4	2,687.7	450.3	335.9	114.41	3.936		
9,600.0	6,900.0	9,915.2	7,220.0	80.9	81.1	135.29	-49.3	2,787.7	450.3	331.9	118.41	3.803		
9,700.0	6,900.0	10,015.2	7,220.0	83.7	83.8	135.29	-48.1	2,887.7	450.3	327.9	122.43	3.678		
9,800.0	6,900.0	10,115.2	7,220.0	86.4	86.6	135.29	-47.0	2,987.7	450.3	323.8	126.45	3.561		
9,900.0	6,900.0	10,215.2	7,220.0	89.2	89.3	135.29	-45.8	3,087.7	450.3	319.8	130.47	3.451		
10,000.0	6,900.0	10,315.2	7,220.0	92.0	92.1	135.29	-44.6	3,187.7	450.3	315.8	134.50	3.348		
10,100.0	6,900.0	10,415.2	7,220.0	94.7	94.9	135.29	-43.5	3,287.7	450.3	311.8	138.53	3.251		
10,200.0	6,900.0	10,515.2	7,220.0	97.5	97.6	135.29	-42.3	3,387.7	450.3	307.8	142.56	3.159		
10,300.0	6,900.0	10,615.2	7,220.0	100.2	100.4	135.28	-41.1	3,487.6	450.3	303.7	146.60	3.072		
10,400.0	6,900.0	10,715.2	7,220.0	103.0	103.2	135.28	-40.0	3,587.6	450.3	299.7	150.64	2.989		
10,500.0	6,900.0	10,815.2	7,220.0	105.8	105.9	135.28	-38.8	3,687.6	450.3	295.6	154.68	2.911		
10,600.0	6,900.0	10,915.2	7,220.0	108.6	108.7	135.28	-37.6	3,787.6	450.3	291.6	158.73	2.837		
10,700.0	6,900.0	11,015.2	7,220.0	111.3	111.5	135.28	-36.5	3,887.6	450.3	287.6	162.78	2.767		
10,800.0	6,900.0	11,115.2	7,220.0	114.1	114.3	135.28	-35.3	3,987.6	450.3	283.5	166.83	2.700		
10,900.0	6,900.0	11,215.2	7,220.0	116.9	117.0	135.28	-34.2	4,087.6	450.4	279.5	170.88	2.636		
11,000.0	6,900.0	11,315.2	7,220.0	119.7	119.8	135.28	-33.0	4,187.6	450.4	275.4	174.93	2.574		
11,100.0	6,900.0	11,415.2	7,220.0	122.5	122.6	135.28	-31.8	4,287.6	450.4	271.4	178.99	2.516		
11,200.0	6,900.0	11,515.2	7,220.0	125.2	125.4	135.28	-30.7	4,387.6	450.4	267.3	183.05	2.460		
11,300.0	6,900.0	11,615.2	7,220.0	128.0	128.2	135.28	-29.5	4,487.6	450.4	263.3	187.11	2.407		
11,361.1	6,900.0	11,676.3	7,220.0	129.7	129.9	135.28	-28.8	4,548.7	450.4	260.8	189.59	2.376		
11,402.3	6,900.0	11,714.6	7,220.0	130.9	130.9	135.28	-28.3	4,587.0	450.4	259.2	191.20	2.356 SF		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program:		0-MWD											Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-20.0	0.0	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-20.0	0.0	20.0	19.8	0.22	89.109		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-20.0	0.0	20.0	19.4	0.67	29.703		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-20.0	0.0	20.0	18.9	1.12	17.822		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-20.0	0.0	20.0	18.5	1.57	12.730		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-20.0	0.0	20.0	18.0	2.02	9.901		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-20.0	0.0	20.0	17.6	2.47	8.101		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-20.0	0.0	20.0	17.1	2.92	6.855		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-20.0	0.0	20.0	16.7	3.37	5.941		
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-20.0	0.0	20.0	16.2	3.82	5.242		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-20.0	0.0	20.0	15.8	4.27	4.690		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-20.0	0.0	20.0	15.3	4.72	4.243		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-20.0	0.0	20.0	14.9	5.17	3.874		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-20.0	0.0	20.0	14.4	5.62	3.564		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-20.0	0.0	20.0	14.0	6.07	3.300	CC, ES	
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-140.93	-20.0	0.0	21.0	14.5	6.51	3.228		
1,600.0	1,599.9	1,599.9	1,599.9	3.5	3.5	-146.77	-20.0	0.0	24.2	17.2	6.96	3.479		
1,700.0	1,699.7	1,699.7	1,699.7	3.7	3.7	-153.62	-20.0	0.0	29.9	22.5	7.40	4.041		
1,800.0	1,799.3	1,799.3	1,799.3	3.9	3.9	-159.66	-20.0	0.0	38.3	30.5	7.83	4.891		
1,873.9	1,872.7	1,872.7	1,872.7	4.1	4.1	-163.26	-20.0	0.0	46.3	38.2	8.15	5.682		
1,900.0	1,898.6	1,898.6	1,898.6	4.2	4.2	-164.33	-20.0	0.0	49.4	41.2	8.27	5.977		
2,000.0	1,997.8	1,997.8	1,997.8	4.4	4.4	-167.45	-20.0	0.0	61.4	52.7	8.71	7.051		
2,100.0	2,097.0	2,097.0	2,097.0	4.7	4.6	-169.55	-20.0	0.0	73.6	64.4	9.16	8.031		
2,200.0	2,196.3	2,196.3	2,196.3	5.0	4.8	-171.05	-20.0	0.0	85.8	76.2	9.61	8.927		
2,300.0	2,295.5	2,295.5	2,295.5	5.2	5.0	-172.17	-20.0	0.0	98.0	88.0	10.06	9.745		
2,400.0	2,394.7	2,394.7	2,394.7	5.5	5.3	-173.05	-20.0	0.0	110.3	99.8	10.51	10.495		
2,500.0	2,494.0	2,494.6	2,494.6	5.8	5.5	-173.21	-20.5	-1.1	122.3	111.4	10.94	11.180		
2,600.0	2,593.2	2,594.5	2,594.4	6.1	5.7	-172.24	-22.0	-4.6	133.9	122.5	11.37	11.780		
2,700.0	2,692.4	2,694.4	2,694.1	6.4	5.9	-170.41	-24.5	-10.4	145.1	133.3	11.80	12.294		
2,800.0	2,791.7	2,794.1	2,793.4	6.7	6.1	-167.89	-28.0	-18.7	156.1	143.8	12.25	12.741		
2,900.0	2,890.9	2,893.3	2,892.0	7.0	6.3	-165.12	-32.2	-28.5	167.2	154.5	12.72	13.151		
3,000.0	2,990.1	2,992.3	2,990.5	7.3	6.5	-162.69	-36.4	-38.3	178.7	165.5	13.19	13.546		
3,100.0	3,089.4	3,091.4	3,089.0	7.6	6.7	-160.55	-40.7	-48.1	190.5	176.8	13.68	13.923		
3,200.0	3,188.6	3,190.5	3,187.5	7.9	6.9	-158.66	-44.9	-57.9	202.5	188.3	14.18	14.282		
3,300.0	3,287.8	3,289.5	3,285.9	8.2	7.2	-156.98	-49.1	-67.8	214.6	200.0	14.68	14.623		
3,400.0	3,387.1	3,388.6	3,384.4	8.5	7.4	-155.49	-53.3	-77.6	227.0	211.8	15.19	14.946		
3,500.0	3,486.3	3,487.7	3,482.9	8.8	7.7	-154.15	-57.5	-87.4	239.5	223.8	15.70	15.251		
3,600.0	3,585.5	3,587.9	3,582.7	9.1	7.9	-153.26	-61.2	-96.0	251.9	235.7	16.19	15.554		
3,700.0	3,684.7	3,688.5	3,683.2	9.4	8.1	-153.22	-63.5	-101.4	263.8	247.1	16.66	15.830		
3,800.0	3,784.0	3,789.2	3,783.8	9.7	8.3	-153.91	-64.4	-103.6	275.2	258.1	17.10	16.091		
3,900.0	3,883.2	3,888.6	3,883.2	10.0	8.5	-154.99	-64.4	-103.6	286.4	268.9	17.53	16.336		
3,962.7	3,945.5	3,950.9	3,945.5	10.2	8.6	-155.63	-64.4	-103.6	293.5	275.6	17.81	16.477		
4,000.0	3,982.5	3,987.9	3,982.5	10.3	8.7	-156.01	-64.4	-103.6	297.4	279.5	17.98	16.545		
4,100.0	4,082.0	4,087.4	4,082.0	10.5	8.9	-156.79	-64.4	-103.6	306.0	287.6	18.39	16.643		
4,200.0	4,181.8	4,187.2	4,181.8	10.7	9.1	-157.26	-64.4	-103.6	311.4	292.6	18.78	16.582		
4,300.0	4,281.8	4,287.2	4,281.8	10.9	9.4	-157.44	-64.4	-103.6	313.6	294.5	19.16	16.372		
4,318.2	4,300.0	4,305.4	4,300.0	10.9	9.4	161.14	-64.4	-103.6	313.7	293.8	19.86	15.796		
4,400.0	4,381.8	4,387.2	4,381.8	11.1	9.6	161.14	-64.4	-103.6	313.7	293.5	20.18	15.542		
4,500.0	4,481.8	4,487.2	4,481.8	11.3	9.8	161.14	-64.4	-103.6	313.7	293.1	20.60	15.230		
4,600.0	4,581.8	4,587.2	4,581.8	11.5	10.0	161.14	-64.4	-103.6	313.7	292.7	21.01	14.929		
4,700.0	4,681.8	4,687.2	4,681.8	11.7	10.2	161.14	-64.4	-103.6	313.7	292.2	21.43	14.638		
4,800.0	4,781.8	4,787.2	4,781.8	11.8	10.4	161.14	-64.4	-103.6	313.7	291.8	21.85	14.358		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,881.8	4,887.2	4,881.8	12.0	10.7	161.14	-64.4	-103.6	313.7	291.4	22.27	14.088		
5,000.0	4,981.8	4,987.2	4,981.8	12.2	10.9	161.14	-64.4	-103.6	313.7	291.0	22.69	13.827		
5,100.0	5,081.8	5,087.2	5,081.8	12.4	11.1	161.14	-64.4	-103.6	313.7	290.6	23.11	13.575		
5,200.0	5,181.8	5,187.2	5,181.8	12.6	11.3	161.14	-64.4	-103.6	313.7	290.1	23.53	13.331		
5,300.0	5,281.8	5,287.2	5,281.8	12.8	11.5	161.14	-64.4	-103.6	313.7	289.7	23.95	13.096		
5,400.0	5,381.8	5,387.2	5,381.8	13.0	11.8	161.14	-64.4	-103.6	313.7	289.3	24.38	12.868		
5,500.0	5,481.8	5,487.2	5,481.8	13.2	12.0	161.14	-64.4	-103.6	313.7	288.9	24.80	12.647		
5,600.0	5,581.8	5,587.2	5,581.8	13.4	12.2	161.14	-64.4	-103.6	313.7	288.4	25.23	12.434		
5,700.0	5,681.8	5,687.2	5,681.8	13.6	12.4	161.14	-64.4	-103.6	313.7	288.0	25.65	12.227		
5,800.0	5,781.8	5,787.2	5,781.8	13.8	12.6	161.14	-64.4	-103.6	313.7	287.6	26.08	12.027		
5,900.0	5,881.8	5,887.2	5,881.8	14.0	12.9	161.14	-64.4	-103.6	313.7	287.2	26.51	11.833		
6,000.0	5,981.8	5,987.2	5,981.8	14.2	13.1	161.14	-64.4	-103.6	313.7	286.7	26.94	11.644		
6,100.0	6,081.8	6,087.2	6,081.8	14.5	13.3	161.14	-64.4	-103.6	313.7	286.3	27.37	11.462		
6,202.0	6,183.8	6,189.2	6,183.8	14.7	13.5	161.14	-64.4	-103.6	313.7	285.9	27.81	11.281		
6,250.0	6,231.8	6,231.4	6,226.0	14.7	13.6	71.85	-64.4	-102.4	313.6	286.1	27.54	11.389		
6,300.0	6,281.5	6,275.5	6,269.9	14.8	13.7	71.95	-64.4	-98.4	313.4	285.7	27.67	11.327		
6,350.0	6,330.8	6,319.5	6,313.4	14.9	13.8	72.14	-64.3	-91.8	313.1	285.3	27.79	11.268		
6,400.0	6,379.3	6,363.6	6,356.5	14.9	13.8	72.39	-64.2	-82.5	312.7	284.8	27.89	11.211		
6,450.0	6,426.9	6,407.8	6,399.0	15.0	13.9	72.72	-64.0	-70.5	312.1	284.1	27.98	11.153		
6,500.0	6,473.3	6,450.0	6,438.9	15.0	14.0	73.10	-63.9	-56.6	311.4	283.4	28.08	11.092		
6,550.0	6,518.3	6,496.5	6,481.7	15.0	14.1	73.59	-63.7	-38.7	310.7	282.5	28.19	11.019		
6,600.0	6,561.6	6,541.0	6,521.6	15.1	14.2	74.14	-63.4	-18.9	309.8	281.5	28.34	10.934		
6,650.0	6,603.2	6,585.7	6,560.4	15.1	14.3	74.75	-63.1	3.4	308.9	280.4	28.52	10.830		
6,700.0	6,642.6	6,630.6	6,597.8	15.2	14.4	75.44	-62.9	28.2	307.9	279.1	28.77	10.702		
6,750.0	6,679.9	6,675.7	6,633.7	15.2	14.6	76.19	-62.5	55.4	306.9	277.8	29.10	10.545		
6,800.0	6,714.7	6,721.0	6,668.0	15.4	14.8	77.00	-62.2	84.9	305.9	276.3	29.54	10.354		
6,850.0	6,746.9	6,766.5	6,700.6	15.6	15.0	77.88	-61.8	116.7	304.8	274.7	30.10	10.128		
6,900.0	6,776.4	6,812.3	6,731.2	16.0	15.3	78.82	-61.4	150.8	303.8	273.0	30.79	9.866		
6,950.0	6,803.1	6,858.4	6,759.8	16.4	15.7	79.81	-61.0	186.9	302.8	271.1	31.64	9.570		
7,000.0	6,826.6	6,904.7	6,786.1	17.0	16.1	80.86	-60.5	225.1	301.8	269.2	32.64	9.246		
7,050.0	6,847.1	6,951.4	6,810.1	17.6	16.6	81.96	-60.0	265.1	300.9	267.1	33.81	8.899		
7,100.0	6,864.3	6,998.5	6,831.5	18.3	17.2	83.11	-59.5	307.0	300.1	265.0	35.15	8.539		
7,150.0	6,878.2	7,045.9	6,850.3	19.1	17.8	84.29	-59.0	350.5	299.4	262.8	36.64	8.172		
7,200.0	6,888.8	7,093.7	6,866.3	19.9	18.6	85.52	-58.5	395.5	298.8	260.5	38.27	7.808		
7,250.0	6,895.9	7,141.9	6,879.4	20.8	19.4	86.76	-57.9	441.9	298.4	258.3	40.03	7.454		
7,300.0	6,899.5	7,190.5	6,889.3	21.8	20.2	88.04	-57.3	489.5	298.0	256.1	41.89	7.115		
7,327.0	6,900.0	7,217.0	6,893.4	22.3	20.7	88.73	-57.0	515.6	297.9	255.0	42.93	6.940		
7,400.0	6,900.0	7,289.4	6,899.6	23.8	22.1	89.92	-56.2	587.7	297.8	252.0	45.85	6.495		
7,500.0	6,900.0	7,389.4	6,900.0	25.9	24.2	90.00	-55.0	687.7	297.8	247.7	50.10	5.945		
7,600.0	6,900.0	7,489.4	6,900.0	28.2	26.4	90.00	-53.8	787.7	297.8	243.2	54.58	5.456		
7,700.0	6,900.0	7,589.4	6,900.0	30.5	28.8	90.00	-52.6	887.7	297.8	238.5	59.26	5.025		
7,800.0	6,900.0	7,689.4	6,900.0	33.0	31.2	90.00	-51.4	987.7	297.7	233.7	64.08	4.646		
7,900.0	6,900.0	7,789.4	6,900.0	35.5	33.6	90.00	-50.2	1,087.7	297.7	228.7	69.03	4.313		
8,000.0	6,900.0	7,889.4	6,900.0	38.0	36.1	90.00	-49.0	1,187.7	297.7	223.6	74.07	4.019		
8,100.0	6,900.0	7,989.4	6,900.0	40.5	38.7	90.00	-47.8	1,287.7	297.7	218.5	79.19	3.759		
8,200.0	6,900.0	8,089.4	6,900.0	43.1	41.3	90.00	-46.6	1,387.7	297.6	213.3	84.36	3.528		
8,300.0	6,900.0	8,189.4	6,900.0	45.8	43.9	90.00	-45.4	1,487.7	297.6	208.0	89.60	3.322		
8,400.0	6,900.0	8,289.4	6,900.0	48.4	46.5	90.00	-44.2	1,587.6	297.6	202.7	94.87	3.137		
8,500.0	6,900.0	8,389.4	6,900.0	51.0	49.2	90.00	-43.0	1,687.6	297.6	197.4	100.18	2.970		
8,600.0	6,900.0	8,489.4	6,900.0	53.7	51.8	90.00	-41.8	1,787.6	297.6	192.0	105.52	2.820		
8,700.0	6,900.0	8,589.4	6,900.0	56.4	54.5	90.00	-40.6	1,887.6	297.5	186.6	110.89	2.683		
8,800.0	6,900.0	8,689.4	6,900.0	59.1	57.2	90.00	-39.4	1,987.6	297.5	181.2	116.28	2.559		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,900.0	6,900.0	8,789.4	6,900.0	61.8	59.9	90.00	-38.2	2,087.6	297.5	175.8	121.69	2.445		
9,000.0	6,900.0	8,889.4	6,900.0	64.5	62.6	90.00	-37.0	2,187.6	297.5	170.3	127.12	2.340		
9,100.0	6,900.0	8,989.4	6,900.0	67.2	65.4	90.00	-35.8	2,287.6	297.4	164.9	132.56	2.244		
9,200.0	6,900.0	9,089.4	6,900.0	70.0	68.1	90.00	-34.6	2,387.6	297.4	159.4	138.02	2.155		
9,300.0	6,900.0	9,189.4	6,900.0	72.7	70.8	90.00	-33.4	2,487.6	297.4	153.9	143.49	2.073		
9,400.0	6,900.0	9,289.4	6,900.0	75.4	73.6	90.00	-32.2	2,587.6	297.4	148.4	148.97	1.996		
9,500.0	6,900.0	9,389.4	6,900.0	78.2	76.3	90.00	-31.0	2,687.6	297.3	142.9	154.45	1.925		
9,600.0	6,900.0	9,489.4	6,900.0	80.9	79.1	90.00	-29.8	2,787.6	297.3	137.4	159.95	1.859		
9,700.0	6,900.0	9,589.4	6,900.0	83.7	81.8	90.00	-28.6	2,887.6	297.3	131.8	165.46	1.797		
9,800.0	6,900.0	9,689.4	6,900.0	86.4	84.6	90.00	-27.4	2,987.5	297.3	126.3	170.97	1.739		
9,900.0	6,900.0	9,789.4	6,900.0	89.2	87.3	90.00	-26.2	3,087.5	297.3	120.8	176.48	1.684		
10,000.0	6,900.0	9,889.4	6,900.0	92.0	90.1	90.00	-25.0	3,187.5	297.2	115.2	182.01	1.633		
10,100.0	6,900.0	9,989.4	6,900.0	94.7	92.8	90.00	-23.9	3,287.5	297.2	109.7	187.53	1.585		
10,200.0	6,900.0	10,089.4	6,900.0	97.5	95.6	90.00	-22.7	3,387.5	297.2	104.1	193.07	1.539		
10,300.0	6,900.0	10,189.4	6,900.0	100.2	98.4	90.00	-21.5	3,487.5	297.2	98.6	198.60	1.496 Level 3		
10,400.0	6,900.0	10,289.4	6,900.0	103.0	101.1	90.00	-20.3	3,587.5	297.1	93.0	204.14	1.456 Level 3		
10,500.0	6,900.0	10,389.4	6,900.0	105.8	103.9	90.00	-19.1	3,687.5	297.1	87.4	209.69	1.417 Level 3		
10,600.0	6,900.0	10,489.4	6,900.0	108.6	106.7	90.00	-17.9	3,787.5	297.1	81.9	215.24	1.380 Level 3		
10,700.0	6,900.0	10,589.4	6,900.0	111.3	109.5	90.00	-16.7	3,887.5	297.1	76.3	220.79	1.345 Level 3		
10,800.0	6,900.0	10,689.4	6,900.0	114.1	112.2	90.00	-15.5	3,987.5	297.0	70.7	226.34	1.312 Level 3		
10,900.0	6,900.0	10,789.4	6,900.0	116.9	115.0	90.00	-14.3	4,087.5	297.0	65.1	231.90	1.281 Level 3		
11,000.0	6,900.0	10,889.4	6,900.0	119.7	117.8	90.00	-13.1	4,187.5	297.0	59.5	237.46	1.251 Level 3		
11,100.0	6,900.0	10,989.4	6,900.0	122.5	120.6	90.00	-11.9	4,287.5	297.0	54.0	243.02	1.222 Level 2		
11,200.0	6,900.0	11,089.4	6,900.0	125.2	123.4	90.00	-10.7	4,387.4	296.9	48.4	248.58	1.195 Level 2		
11,300.0	6,900.0	11,189.4	6,900.0	128.0	126.1	90.00	-9.5	4,487.4	296.9	42.8	254.15	1.168 Level 2		
11,373.7	6,900.0	11,263.0	6,900.0	130.1	127.6	90.00	-8.6	4,581.1	296.9	39.3	257.63	1.152 Level 2		
11,402.3	6,900.0	11,289.0	6,900.0	130.9	128.1	90.00	-8.3	4,587.0	296.9	38.0	258.89	1.147 Level 2, SF		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		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)						
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-59.7	0.0	59.7					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-59.7	0.0	59.7	59.5	0.22	265.799		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-59.7	0.0	59.7	59.1	0.67	88.600		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-59.7	0.0	59.7	58.6	1.12	53.160		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-59.7	0.0	59.7	58.2	1.57	37.971		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-59.7	0.0	59.7	57.7	2.02	29.533		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-59.7	0.0	59.7	57.3	2.47	24.164		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-59.7	0.0	59.7	56.8	2.92	20.446		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-59.7	0.0	59.7	56.4	3.37	17.720		
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-59.7	0.0	59.7	55.9	3.82	15.635		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-59.7	0.0	59.7	55.5	4.27	13.989		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-59.7	0.0	59.7	55.0	4.72	12.657		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-59.7	0.0	59.7	54.6	5.17	11.556		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-59.7	0.0	59.7	54.1	5.62	10.632		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-59.7	0.0	59.7	53.7	6.07	9.844 CC, ES		
1,500.0	1,500.0	1,498.7	1,498.7	3.3	3.2	-138.71	-60.8	-0.7	61.8	55.3	6.49	9.528		
1,600.0	1,599.9	1,597.1	1,597.0	3.5	3.4	-139.02	-64.0	-2.8	68.0	61.1	6.88	9.877		
1,700.0	1,699.7	1,695.0	1,694.7	3.7	3.6	-139.43	-69.3	-6.3	78.3	71.0	7.29	10.741		
1,800.0	1,799.3	1,792.2	1,791.5	3.9	3.8	-139.83	-76.5	-11.1	92.6	84.9	7.70	12.029		
1,873.9	1,872.7	1,864.1	1,862.9	4.1	3.9	-140.12	-83.2	-15.4	105.7	97.7	8.01	13.195		
1,900.0	1,898.6	1,889.7	1,888.4	4.2	4.0	-140.31	-85.6	-17.0	110.6	102.5	8.12	13.613		
2,000.0	1,997.8	1,987.9	1,985.9	4.4	4.2	-140.88	-94.9	-23.2	129.4	120.8	8.56	15.103		
2,100.0	2,097.0	2,086.1	2,083.5	4.7	4.4	-141.32	-104.2	-29.3	148.1	139.1	9.02	16.429		
2,200.0	2,196.3	2,184.3	2,181.1	5.0	4.7	-141.65	-113.6	-35.4	166.9	157.4	9.47	17.614		
2,300.0	2,295.5	2,282.5	2,278.7	5.2	4.9	-141.92	-122.9	-41.6	185.6	175.7	9.94	18.675		
2,400.0	2,394.7	2,380.7	2,376.3	5.5	5.2	-142.14	-132.2	-47.7	204.4	194.0	10.41	19.628		
2,500.0	2,494.0	2,479.0	2,473.9	5.8	5.5	-142.32	-141.5	-53.9	223.2	212.3	10.89	20.488		
2,600.0	2,593.2	2,577.2	2,571.4	6.1	5.7	-142.47	-150.8	-60.0	242.0	230.6	11.38	21.267		
2,700.0	2,692.4	2,675.4	2,669.0	6.4	6.0	-142.60	-160.2	-66.1	260.8	248.9	11.87	21.973		
2,800.0	2,791.7	2,773.6	2,766.6	6.7	6.3	-142.72	-169.5	-72.3	279.5	267.2	12.36	22.617		
2,900.0	2,890.9	2,871.8	2,864.2	7.0	6.5	-142.82	-178.8	-78.4	298.3	285.5	12.86	23.205		
3,000.0	2,990.1	2,970.1	2,961.8	7.3	6.8	-142.90	-188.1	-84.6	317.1	303.7	13.35	23.744		
3,100.0	3,089.4	3,068.3	3,059.4	7.6	7.1	-142.98	-197.5	-90.7	335.9	322.0	13.86	24.239		
3,200.0	3,188.6	3,166.5	3,156.9	7.9	7.4	-143.05	-206.8	-96.8	354.7	340.3	14.36	24.696		
3,300.0	3,287.8	3,264.7	3,254.5	8.2	7.7	-143.11	-216.1	-103.0	373.4	358.6	14.87	25.118		
3,400.0	3,387.1	3,362.9	3,352.1	8.5	8.0	-143.17	-225.4	-109.1	392.2	376.9	15.38	25.508		
3,500.0	3,486.3	3,461.2	3,449.7	8.8	8.3	-143.22	-234.7	-115.2	411.0	395.1	15.89	25.871		
3,600.0	3,585.5	3,559.4	3,547.3	9.1	8.6	-143.27	-244.1	-121.4	429.8	413.4	16.40	26.209		
3,700.0	3,684.7	3,657.6	3,644.9	9.4	8.8	-143.31	-253.4	-127.5	448.6	431.7	16.91	26.524		
3,800.0	3,784.0	3,755.8	3,742.4	9.7	9.1	-143.35	-262.7	-133.7	467.4	449.9	17.43	26.818		
3,900.0	3,883.2	3,854.0	3,840.0	10.0	9.4	-143.39	-272.0	-139.8	486.2	468.2	17.94	27.093		
3,962.7	3,945.5	3,915.6	3,901.2	10.2	9.6	-143.41	-277.9	-143.7	497.9	479.7	18.27	27.257		
4,000.0	3,982.5	3,952.3	3,937.6	10.3	9.7	-143.49	-281.4	-145.9	504.8	486.3	18.46	27.338		
4,100.0	4,082.0	4,050.9	4,035.6	10.5	10.0	-143.51	-290.7	-152.1	521.1	502.2	18.94	27.513		
4,200.0	4,181.8	4,149.9	4,134.0	10.7	10.3	-143.29	-300.1	-158.3	534.7	515.3	19.40	27.568		
4,300.0	4,281.8	4,249.2	4,232.6	10.9	10.6	-142.83	-309.5	-164.5	545.6	525.8	19.83	27.516		
4,318.2	4,300.0	4,267.2	4,250.5	10.9	10.7	175.86	-311.2	-165.6	547.3	526.8	20.54	26.644		
4,400.0	4,381.8	4,348.5	4,331.3	11.1	10.9	176.44	-319.0	-170.7	554.7	533.8	20.92	26.519		
4,500.0	4,481.8	4,447.9	4,430.0	11.3	11.2	177.13	-328.4	-176.9	563.9	542.5	21.40	26.350		
4,600.0	4,581.8	4,547.2	4,528.7	11.5	11.5	177.80	-337.8	-183.1	573.1	551.2	21.88	26.188		
4,700.0	4,681.8	4,646.6	4,627.4	11.7	11.8	178.45	-347.3	-189.3	582.4	560.0	22.37	26.033		
4,800.0	4,781.8	4,756.7	4,736.9	11.8	12.1	179.11	-357.1	-195.8	591.3	568.5	22.85	25.875		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,881.8	4,877.1	4,857.0	12.0	12.4	179.57	-364.3	-200.5	597.2	573.9	23.31	25.624		
5,000.0	4,981.8	4,998.1	4,978.0	12.2	12.6	179.76	-367.2	-202.5	599.6	575.9	23.73	25.265		
5,100.0	5,081.8	5,102.0	5,081.8	12.4	12.8	179.76	-367.2	-202.5	599.6	575.5	24.12	24.858		
5,200.0	5,181.8	5,202.0	5,181.8	12.6	13.0	179.76	-367.2	-202.5	599.6	575.1	24.50	24.475		
5,300.0	5,281.8	5,302.0	5,281.8	12.8	13.1	179.76	-367.2	-202.5	599.6	574.8	24.88	24.102		
5,400.0	5,381.8	5,402.0	5,381.8	13.0	13.3	179.76	-367.2	-202.5	599.6	574.4	25.26	23.737		
5,500.0	5,481.8	5,502.0	5,481.8	13.2	13.5	179.76	-367.2	-202.5	599.6	574.0	25.65	23.382		
5,600.0	5,581.8	5,602.0	5,581.8	13.4	13.6	179.76	-367.2	-202.5	599.6	573.6	26.03	23.035		
5,700.0	5,681.8	5,702.0	5,681.8	13.6	13.8	179.76	-367.2	-202.5	599.6	573.2	26.42	22.697		
5,800.0	5,781.8	5,802.0	5,781.8	13.8	14.0	179.76	-367.2	-202.5	599.6	572.8	26.81	22.367		
5,900.0	5,881.8	5,902.0	5,881.8	14.0	14.2	179.76	-367.2	-202.5	599.6	572.4	27.20	22.045		
6,000.0	5,981.8	6,002.0	5,981.8	14.2	14.3	179.76	-367.2	-202.5	599.6	572.1	27.59	21.731		
6,100.0	6,081.8	6,102.0	6,081.8	14.5	14.5	179.76	-367.2	-202.5	599.6	571.7	27.99	21.424		
6,202.0	6,183.8	6,204.0	6,183.8	14.7	14.7	179.76	-367.2	-202.5	599.6	571.3	28.39	21.119		
6,250.0	6,231.8	6,252.3	6,232.1	14.7	14.8	90.43	-367.2	-200.9	599.6	571.6	28.01	21.410		
6,300.0	6,281.5	6,302.6	6,282.1	14.8	14.8	90.43	-367.2	-195.7	599.6	571.5	28.16	21.297		
6,350.0	6,330.8	6,352.9	6,331.7	14.9	14.9	90.42	-367.1	-187.1	599.6	571.4	28.28	21.202		
6,400.0	6,379.3	6,403.2	6,380.5	14.9	15.0	90.42	-366.9	-175.0	599.6	571.3	28.39	21.121		
6,450.0	6,426.9	6,453.5	6,428.3	15.0	15.0	90.41	-366.7	-159.5	599.6	571.2	28.49	21.048		
6,500.0	6,473.3	6,503.8	6,475.0	15.0	15.0	90.40	-366.5	-140.6	599.6	571.1	28.59	20.976		
6,550.0	6,518.3	6,554.1	6,520.2	15.0	15.0	90.38	-366.3	-118.6	599.6	570.9	28.70	20.895		
6,600.0	6,561.6	6,604.4	6,563.7	15.1	15.1	90.37	-366.0	-93.5	599.6	570.8	28.84	20.795		
6,650.0	6,603.2	6,654.6	6,605.3	15.1	15.1	90.35	-365.6	-65.3	599.6	570.6	29.02	20.663		
6,700.0	6,642.6	6,704.9	6,644.9	15.2	15.1	90.33	-365.3	-34.4	599.6	570.4	29.27	20.486		
6,750.0	6,679.9	6,755.1	6,682.2	15.2	15.1	90.31	-364.9	-0.7	599.6	570.0	29.61	20.252		
6,800.0	6,714.7	6,805.4	6,717.0	15.4	15.2	90.29	-364.5	35.5	599.6	569.6	30.06	19.949		
6,850.0	6,746.9	6,855.6	6,749.2	15.6	15.2	90.27	-364.0	74.0	599.6	569.0	30.64	19.571		
6,900.0	6,776.4	6,905.7	6,778.5	16.0	15.4	90.24	-363.5	114.7	599.6	568.3	31.37	19.116		
6,950.0	6,803.1	6,955.9	6,805.0	16.4	15.9	90.22	-363.0	157.3	599.6	567.4	32.26	18.588		
7,000.0	6,826.6	7,006.1	6,828.4	17.0	16.4	90.19	-362.5	201.6	599.6	566.3	33.32	17.996		
7,050.0	6,847.1	7,056.2	6,848.7	17.6	17.0	90.16	-362.0	247.4	599.6	565.1	34.55	17.355		
7,100.0	6,864.3	7,106.3	6,865.7	18.3	17.8	90.13	-361.4	294.6	599.6	563.7	35.95	16.681		
7,150.0	6,878.2	7,156.4	6,879.3	19.1	18.6	90.10	-360.8	342.7	599.6	562.1	37.50	15.991		
7,200.0	6,888.8	7,206.4	6,889.5	19.9	19.4	90.08	-360.3	391.7	599.6	560.4	39.19	15.301		
7,250.0	6,895.9	7,256.5	6,896.3	20.8	20.3	90.05	-359.7	441.3	599.6	558.6	41.00	14.626		
7,300.0	6,899.5	7,306.5	6,899.6	21.8	21.3	90.01	-359.1	491.2	599.6	556.7	42.90	13.976		
7,323.1	6,900.0	7,329.6	6,900.0	22.2	21.8	90.00	-358.8	514.3	599.6	555.8	43.81	13.686		
7,327.0	6,900.0	7,333.5	6,900.0	22.3	21.8	90.00	-358.8	518.2	599.6	555.7	43.97	13.638		
7,400.0	6,900.0	7,406.5	6,900.0	23.8	23.4	90.00	-357.9	591.2	599.6	552.7	46.96	12.769		
7,500.0	6,900.0	7,506.5	6,900.0	25.9	25.5	90.00	-356.8	691.2	599.6	548.3	51.30	11.688		
7,600.0	6,900.0	7,606.5	6,900.0	28.2	27.8	90.00	-355.6	791.2	599.6	543.8	55.87	10.732		
7,700.0	6,900.0	7,706.5	6,900.0	30.5	30.2	90.00	-354.4	891.2	599.6	539.0	60.62	9.892		
7,800.0	6,900.0	7,806.5	6,900.0	33.0	32.7	90.00	-353.2	991.2	599.6	534.1	65.50	9.155		
7,900.0	6,900.0	7,906.5	6,900.0	35.5	35.2	90.00	-352.1	1,091.2	599.6	529.1	70.49	8.507		
8,000.0	6,900.0	8,006.5	6,900.0	38.0	37.7	90.00	-350.9	1,191.1	599.6	524.1	75.56	7.936		
8,100.0	6,900.0	8,106.5	6,900.0	40.5	40.3	90.00	-349.7	1,291.1	599.6	518.9	80.71	7.430		
8,200.0	6,900.0	8,206.5	6,900.0	43.1	42.9	90.00	-348.5	1,391.1	599.6	513.7	85.91	6.979		
8,300.0	6,900.0	8,306.5	6,900.0	45.8	45.5	90.00	-347.4	1,491.1	599.6	508.5	91.17	6.577		
8,400.0	6,900.0	8,406.5	6,900.0	48.4	48.2	90.00	-346.2	1,591.1	599.6	503.2	96.46	6.216		
8,500.0	6,900.0	8,506.5	6,900.0	51.0	50.9	90.00	-345.0	1,691.1	599.6	497.8	101.79	5.891		
8,600.0	6,900.0	8,606.5	6,900.0	53.7	53.5	90.00	-343.9	1,791.1	599.6	492.5	107.14	5.597		
8,700.0	6,900.0	8,706.5	6,900.0	56.4	56.2	90.00	-342.7	1,891.1	599.6	487.1	112.52	5.329		

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
8,800.0	6,900.0	8,806.5	6,900.0	59.1	58.9	90.00	-341.5	1,991.1	599.6	481.7	117.93	5.085			
8,900.0	6,900.0	8,906.5	6,900.0	61.8	61.6	90.00	-340.3	2,091.1	599.6	476.3	123.35	4.861			
9,000.0	6,900.0	9,006.5	6,900.0	64.5	64.4	90.00	-339.2	2,191.1	599.6	470.8	128.78	4.656			
9,100.0	6,900.0	9,106.5	6,900.0	67.2	67.1	90.00	-338.0	2,291.1	599.6	465.4	134.23	4.467			
9,200.0	6,900.0	9,206.5	6,900.0	70.0	69.8	90.00	-336.8	2,391.1	599.6	459.9	139.70	4.292			
9,300.0	6,900.0	9,306.5	6,900.0	72.7	72.6	90.00	-335.6	2,491.1	599.6	454.5	145.17	4.131			
9,400.0	6,900.0	9,406.5	6,900.0	75.4	75.3	90.00	-334.5	2,591.1	599.6	449.0	150.65	3.980			
9,500.0	6,900.0	9,506.5	6,900.0	78.2	78.0	90.00	-333.3	2,691.0	599.6	443.5	156.15	3.840			
9,600.0	6,900.0	9,606.5	6,900.0	80.9	80.8	90.00	-332.1	2,791.0	599.6	438.0	161.65	3.709			
9,700.0	6,900.0	9,706.5	6,900.0	83.7	83.6	90.00	-330.9	2,891.0	599.6	432.5	167.16	3.587			
9,800.0	6,900.0	9,806.5	6,900.0	86.4	86.3	90.00	-329.8	2,991.0	599.6	427.0	172.67	3.473			
9,900.0	6,900.0	9,906.5	6,900.0	89.2	89.1	90.00	-328.6	3,091.0	599.6	421.4	178.19	3.365			
10,000.0	6,900.0	10,006.5	6,900.0	92.0	91.8	90.00	-327.4	3,191.0	599.6	415.9	183.72	3.264			
10,100.0	6,900.0	10,106.5	6,900.0	94.7	94.6	90.00	-326.3	3,291.0	599.6	410.4	189.25	3.168			
10,200.0	6,900.0	10,206.5	6,900.0	97.5	97.4	90.00	-325.1	3,391.0	599.6	404.8	194.78	3.078			
10,300.0	6,900.0	10,306.5	6,900.0	100.2	100.1	90.00	-323.9	3,491.0	599.6	399.3	200.32	2.993			
10,400.0	6,900.0	10,406.5	6,900.0	103.0	102.9	90.00	-322.7	3,591.0	599.6	393.8	205.87	2.913			
10,500.0	6,900.0	10,506.5	6,900.0	105.8	105.7	90.00	-321.6	3,691.0	599.6	388.2	211.41	2.836			
10,600.0	6,900.0	10,606.5	6,900.0	108.6	108.5	90.00	-320.4	3,791.0	599.6	382.7	216.96	2.764			
10,700.0	6,900.0	10,706.5	6,900.0	111.3	111.2	90.00	-319.2	3,891.0	599.6	377.1	222.52	2.695			
10,800.0	6,900.0	10,806.5	6,900.0	114.1	114.0	90.00	-318.0	3,991.0	599.6	371.6	228.07	2.629			
10,900.0	6,900.0	10,906.5	6,900.0	116.9	116.8	90.00	-316.9	4,090.9	599.6	366.0	233.63	2.567			
11,000.0	6,900.0	11,006.5	6,900.0	119.7	119.6	90.00	-315.7	4,190.9	599.6	360.4	239.19	2.507			
11,100.0	6,900.0	11,106.5	6,900.0	122.5	122.4	90.00	-314.5	4,290.9	599.6	354.9	244.76	2.450			
11,200.0	6,900.0	11,206.5	6,900.0	125.2	125.1	90.00	-313.4	4,390.9	599.6	349.3	250.32	2.395			
11,300.0	6,900.0	11,306.5	6,900.0	128.0	127.9	90.00	-312.2	4,490.9	599.6	343.7	255.89	2.343			
11,360.8	6,900.0	11,367.3	6,900.0	129.7	129.6	90.00	-311.5	4,551.7	599.6	340.4	259.27	2.313			
11,402.3	6,900.0	11,403.5	6,900.0	130.9	130.6	90.00	-311.0	4,587.9	599.7	338.2	261.44	2.294 SF			

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		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)		+N/-S (ft)	+E/-W (ft)						
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-159.9	0.0	159.9					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-159.9	0.0	159.9	159.7	0.22	711.546		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-159.9	0.0	159.9	159.3	0.67	237.182		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-159.9	0.0	159.9	158.8	1.12	142.309		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-159.9	0.0	159.9	158.4	1.57	101.649 CC, ES		
500.0	500.0	496.0	496.0	1.0	1.0	-179.94	-161.1	-0.2	161.2	159.2	1.99	81.038		
600.0	600.0	591.9	591.8	1.2	1.2	-179.75	-164.7	-0.7	164.9	162.5	2.40	68.838		
700.0	700.0	687.5	687.3	1.5	1.4	-179.46	-170.6	-1.6	171.1	168.3	2.82	60.765		
800.0	800.0	782.8	782.2	1.7	1.6	-179.09	-178.9	-2.8	179.8	176.5	3.25	55.335		
900.0	900.0	877.6	876.4	1.9	1.8	-178.67	-189.4	-4.4	190.9	187.2	3.70	51.672		
1,000.0	1,000.0	971.8	969.7	2.1	2.1	-178.21	-202.2	-6.3	204.5	200.4	4.15	49.229		
1,100.0	1,100.0	1,065.4	1,062.0	2.4	2.4	-177.75	-217.1	-8.5	220.6	215.9	4.63	47.647		
1,200.0	1,200.0	1,158.1	1,153.1	2.6	2.7	-177.29	-234.1	-11.1	239.0	233.9	5.12	46.684		
1,300.0	1,300.0	1,249.9	1,242.9	2.8	3.1	-176.85	-253.1	-13.9	259.8	254.2	5.63	46.175		
1,400.0	1,400.0	1,340.7	1,331.3	3.0	3.5	-176.44	-273.9	-17.0	282.9	276.8	6.15	46.003 SF		
1,500.0	1,500.0	1,433.2	1,420.7	3.3	4.0	-134.52	-297.1	-20.5	309.1	302.7	6.38	48.430		
1,600.0	1,599.9	1,529.1	1,513.3	3.5	4.4	-134.34	-321.5	-24.1	337.4	330.6	6.84	49.311		
1,700.0	1,699.7	1,624.4	1,605.4	3.7	4.9	-134.42	-345.8	-27.8	367.5	360.2	7.30	50.321		
1,800.0	1,799.3	1,719.1	1,697.0	3.9	5.4	-134.69	-369.9	-31.4	399.3	391.6	7.77	51.425		
1,873.9	1,872.7	1,788.7	1,764.2	4.1	5.8	-134.99	-387.6	-34.0	424.0	415.9	8.11	52.289		
1,900.0	1,898.6	1,813.1	1,787.8	4.2	5.9	-135.20	-393.9	-34.9	432.9	424.7	8.24	52.568		
2,000.0	1,997.8	1,907.0	1,878.5	4.4	6.4	-135.94	-417.8	-38.5	467.1	458.3	8.72	53.535		
2,100.0	2,097.0	2,000.8	1,969.2	4.7	6.9	-136.58	-441.6	-42.1	501.3	492.0	9.22	54.363		
2,200.0	2,196.3	2,094.6	2,059.8	5.0	7.4	-137.14	-465.5	-45.7	535.5	525.8	9.72	55.075		
2,300.0	2,295.5	2,188.5	2,150.5	5.2	7.9	-137.63	-489.4	-49.2	569.8	559.6	10.23	55.693		
2,400.0	2,394.7	2,282.3	2,241.2	5.5	8.3	-138.07	-513.3	-52.8	604.1	593.4	10.74	56.233		
2,500.0	2,494.0	2,376.1	2,331.8	5.8	8.8	-138.46	-537.2	-56.4	638.5	627.2	11.26	56.707		
2,600.0	2,593.2	2,470.0	2,422.5	6.1	9.3	-138.80	-561.1	-59.9	672.8	661.0	11.78	57.125		
2,700.0	2,692.4	2,563.8	2,513.2	6.4	9.8	-139.12	-585.0	-63.5	707.2	694.9	12.30	57.496		
2,800.0	2,791.7	2,657.6	2,603.8	6.7	10.3	-139.40	-608.9	-67.1	741.6	728.8	12.82	57.827		
2,900.0	2,890.9	2,751.5	2,694.5	7.0	10.8	-139.67	-632.8	-70.6	776.0	762.7	13.35	58.124		
3,000.0	2,990.1	2,845.3	2,785.2	7.3	11.4	-139.90	-656.7	-74.2	810.5	796.6	13.88	58.391		
3,100.0	3,089.4	2,939.1	2,875.9	7.6	11.9	-140.12	-680.6	-77.8	844.9	830.5	14.41	58.633		
3,200.0	3,188.6	3,033.0	2,966.5	7.9	12.4	-140.32	-704.5	-81.3	879.4	864.4	14.94	58.851		
3,300.0	3,287.8	3,126.8	3,057.2	8.2	12.9	-140.51	-728.4	-84.9	913.8	898.4	15.48	59.050		
3,400.0	3,387.1	3,220.6	3,147.9	8.5	13.4	-140.68	-752.3	-88.5	948.3	932.3	16.01	59.232		
3,500.0	3,486.3	3,314.5	3,238.5	8.8	13.9	-140.85	-776.2	-92.1	982.8	966.2	16.55	59.399		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	179.89	-139.9	0.3	139.9					
100.0	100.0	100.0	100.0	0.1	0.1	179.89	-139.9	0.3	139.9	139.7	0.22	622.420		
200.0	200.0	200.0	200.0	0.3	0.3	179.89	-139.9	0.3	139.9	139.2	0.67	207.473		
300.0	300.0	300.0	300.0	0.6	0.6	179.89	-139.9	0.3	139.9	138.8	1.12	124.484		
400.0	400.0	400.0	400.0	0.8	0.8	179.89	-139.9	0.3	139.9	138.3	1.57	88.917		
500.0	500.0	500.0	500.0	1.0	1.0	179.89	-139.9	0.3	139.9	137.9	2.02	69.158		
600.0	600.0	600.0	600.0	1.2	1.2	179.89	-139.9	0.3	139.9	137.4	2.47	56.584 CC, ES		
700.0	700.0	696.5	696.5	1.5	1.4	179.97	-141.1	0.1	141.1	138.3	2.89	48.874		
800.0	800.0	792.9	792.8	1.7	1.6	-179.77	-144.7	-0.6	144.9	141.6	3.29	44.045		
900.0	900.0	889.0	888.7	1.9	1.8	-179.38	-150.7	-1.6	151.1	147.4	3.70	40.815		
1,000.0	1,000.0	984.8	984.1	2.1	2.0	-178.88	-159.0	-3.1	159.8	155.7	4.13	38.730		
1,100.0	1,100.0	1,080.1	1,078.8	2.4	2.2	-178.32	-169.6	-5.0	171.0	166.4	4.56	37.480		
1,200.0	1,200.0	1,174.7	1,172.6	2.6	2.5	-177.73	-182.4	-7.2	184.6	179.6	5.01	36.847		
1,300.0	1,300.0	1,268.7	1,265.3	2.8	2.8	-177.13	-197.4	-9.9	200.7	195.2	5.47	36.669 SF		
1,400.0	1,400.0	1,361.9	1,356.9	3.0	3.1	-176.55	-214.5	-12.9	219.2	213.2	5.95	36.830		
1,500.0	1,500.0	1,454.0	1,446.9	3.3	3.5	-134.57	-233.5	-16.3	240.9	234.6	6.31	38.200		
1,600.0	1,599.9	1,544.6	1,535.0	3.5	3.8	-134.35	-254.3	-20.0	266.8	260.0	6.75	39.525		
1,700.0	1,699.7	1,637.3	1,624.7	3.7	4.3	-134.40	-277.4	-24.0	296.3	289.1	7.20	41.141		
1,800.0	1,799.3	1,732.1	1,716.4	3.9	4.7	-134.71	-301.2	-28.3	327.9	320.2	7.66	42.811		
1,873.9	1,872.7	1,801.8	1,783.8	4.1	5.1	-135.05	-318.7	-31.4	352.3	344.3	8.00	44.057		
1,900.0	1,898.6	1,826.3	1,807.5	4.2	5.2	-135.27	-324.8	-32.4	361.1	353.0	8.12	44.467		
2,000.0	1,997.8	1,920.3	1,898.4	4.4	5.6	-136.05	-348.4	-36.6	394.9	386.3	8.60	45.914		
2,100.0	2,097.0	2,014.3	1,989.2	4.7	6.1	-136.70	-372.0	-40.8	428.8	419.7	9.09	47.169		
2,200.0	2,196.3	2,108.3	2,080.1	5.0	6.6	-137.26	-395.6	-45.0	462.7	453.1	9.59	48.265		
2,300.0	2,295.5	2,202.3	2,171.0	5.2	7.1	-137.74	-419.1	-49.1	496.6	486.5	10.09	49.226		
2,400.0	2,394.7	2,296.3	2,261.9	5.5	7.6	-138.16	-442.7	-53.3	530.6	520.0	10.60	50.074		
2,500.0	2,494.0	2,390.3	2,352.8	5.8	8.0	-138.53	-466.3	-57.5	564.5	553.4	11.11	50.825		
2,600.0	2,593.2	2,484.2	2,443.7	6.1	8.5	-138.86	-489.9	-61.6	598.5	586.9	11.62	51.495		
2,700.0	2,692.4	2,578.2	2,534.6	6.4	9.0	-139.15	-513.5	-65.8	632.6	620.4	12.14	52.095		
2,800.0	2,791.7	2,672.2	2,625.5	6.7	9.5	-139.42	-537.1	-70.0	666.6	653.9	12.66	52.635		
2,900.0	2,890.9	2,766.2	2,716.3	7.0	10.0	-139.65	-560.6	-74.2	700.6	687.4	13.19	53.122		
3,000.0	2,990.1	2,860.2	2,807.2	7.3	10.5	-139.87	-584.2	-78.3	734.7	721.0	13.72	53.564		
3,100.0	3,089.4	2,954.2	2,898.1	7.6	11.0	-140.07	-607.8	-82.5	768.7	754.5	14.24	53.966		
3,200.0	3,188.6	3,048.2	2,989.0	7.9	11.5	-140.24	-631.4	-86.7	802.8	788.0	14.78	54.333		
3,300.0	3,287.8	3,142.2	3,079.9	8.2	12.0	-140.41	-655.0	-90.9	836.9	821.6	15.31	54.670		
3,400.0	3,387.1	3,236.2	3,170.8	8.5	12.5	-140.56	-678.6	-95.0	870.9	855.1	15.84	54.979		
3,500.0	3,486.3	3,330.2	3,261.7	8.8	13.0	-140.70	-702.1	-99.2	905.0	888.6	16.38	55.264		
3,600.0	3,585.5	3,424.1	3,352.6	9.1	13.5	-140.83	-725.7	-103.4	939.1	922.2	16.91	55.527		
3,700.0	3,684.7	3,518.1	3,443.4	9.4	14.0	-140.95	-749.3	-107.5	973.2	955.8	17.45	55.771		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
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	179.91	-180.0	0.3	180.0					
100.0	100.0	100.0	100.0	0.1	0.1	179.91	-180.0	0.3	180.0	179.7	0.22	800.656		
200.0	200.0	200.0	200.0	0.3	0.3	179.91	-180.0	0.3	180.0	179.3	0.67	266.885 CC, ES		
300.0	300.0	295.5	295.5	0.6	0.5	179.96	-181.1	0.1	181.2	180.1	1.09	165.967		
400.0	400.0	390.9	390.8	0.8	0.7	-179.90	-184.7	-0.3	184.9	183.4	1.51	122.415		
500.0	500.0	486.1	485.8	1.0	0.9	-179.68	-190.6	-1.1	191.1	189.2	1.95	98.244		
600.0	600.0	580.9	580.2	1.2	1.2	-179.39	-198.8	-2.1	199.8	197.4	2.39	83.494		
700.0	700.0	675.2	674.0	1.5	1.4	-179.06	-209.2	-3.4	210.9	208.0	2.85	73.930		
800.0	800.0	769.0	766.9	1.7	1.7	-178.70	-221.9	-5.1	224.4	221.1	3.33	67.488		
900.0	900.0	862.0	858.7	1.9	2.1	-178.32	-236.7	-6.9	240.4	236.6	3.81	63.048		
1,000.0	1,000.0	954.3	949.4	2.1	2.4	-177.95	-253.6	-9.1	258.8	254.4	4.32	59.954		
1,100.0	1,100.0	1,045.7	1,038.8	2.4	2.8	-177.59	-272.5	-11.5	279.5	274.6	4.84	57.800		
1,200.0	1,200.0	1,136.2	1,126.8	2.6	3.2	-177.24	-293.2	-14.1	302.5	297.1	5.37	56.322		
1,300.0	1,300.0	1,225.5	1,213.2	2.8	3.7	-176.92	-315.7	-17.0	327.9	321.9	5.92	55.341		
1,400.0	1,400.0	1,313.8	1,298.0	3.0	4.1	-176.62	-339.9	-20.0	355.4	348.9	6.49	54.734 SF		
1,500.0	1,500.0	1,400.0	1,380.4	3.3	4.6	-134.73	-365.4	-23.3	386.1	379.6	6.50	59.438		
1,600.0	1,599.9	1,492.6	1,468.3	3.5	5.2	-134.46	-394.2	-26.9	420.0	413.0	6.97	60.243		
1,700.0	1,699.7	1,586.0	1,557.0	3.7	5.8	-134.41	-423.3	-30.6	455.7	448.2	7.44	61.229		
1,800.0	1,799.3	1,678.7	1,645.0	3.9	6.3	-134.51	-452.2	-34.3	493.1	485.2	7.91	62.315		
1,873.9	1,872.7	1,746.7	1,709.5	4.1	6.8	-134.66	-473.3	-37.0	521.8	513.6	8.26	63.165		
1,900.0	1,898.6	1,770.5	1,732.2	4.2	6.9	-134.84	-480.8	-37.9	532.2	523.8	8.39	63.427		
2,000.0	1,997.8	1,862.2	1,819.2	4.4	7.5	-135.47	-509.3	-41.6	571.8	562.9	8.89	64.325		
2,100.0	2,097.0	1,953.8	1,906.2	4.7	8.1	-136.02	-537.9	-45.2	611.4	602.1	9.40	65.082		
2,200.0	2,196.3	2,045.5	1,993.2	5.0	8.6	-136.50	-566.4	-48.8	651.2	641.2	9.91	65.723		
2,300.0	2,295.5	2,137.1	2,080.2	5.2	9.2	-136.93	-594.9	-52.5	690.9	680.5	10.43	66.272		
2,400.0	2,394.7	2,228.8	2,167.3	5.5	9.8	-137.31	-623.5	-56.1	730.7	719.7	10.95	66.743		
2,500.0	2,494.0	2,320.4	2,254.3	5.8	10.4	-137.65	-652.0	-59.7	770.5	759.0	11.47	67.151		
2,600.0	2,593.2	2,412.1	2,341.3	6.1	10.9	-137.96	-680.6	-63.3	810.3	798.3	12.00	67.506		
2,700.0	2,692.4	2,503.7	2,428.3	6.4	11.5	-138.24	-709.1	-67.0	850.1	837.6	12.54	67.816		
2,800.0	2,791.7	2,595.4	2,515.3	6.7	12.1	-138.49	-737.7	-70.6	890.0	876.9	13.07	68.089		
2,900.0	2,890.9	2,687.0	2,602.3	7.0	12.7	-138.73	-766.2	-74.2	929.8	916.2	13.61	68.331		
3,000.0	2,990.1	2,778.7	2,689.3	7.3	13.3	-138.94	-794.7	-77.8	969.7	955.6	14.15	68.545		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	179.84	-99.8	0.3	99.8					
100.0	100.0	100.0	100.0	0.1	0.1	179.84	-99.8	0.3	99.8	99.6	0.22	444.092		
200.0	200.0	200.0	200.0	0.3	0.3	179.84	-99.8	0.3	99.8	99.1	0.67	148.031		
300.0	300.0	300.0	300.0	0.6	0.6	179.84	-99.8	0.3	99.8	98.7	1.12	88.818		
400.0	400.0	400.0	400.0	0.8	0.8	179.84	-99.8	0.3	99.8	98.2	1.57	63.442		
500.0	500.0	500.0	500.0	1.0	1.0	179.84	-99.8	0.3	99.8	97.8	2.02	49.344		
600.0	600.0	600.0	600.0	1.2	1.2	179.84	-99.8	0.3	99.8	97.3	2.47	40.372		
700.0	700.0	700.0	700.0	1.5	1.5	179.84	-99.8	0.3	99.8	96.9	2.92	34.161		
800.0	800.0	800.0	800.0	1.7	1.7	179.84	-99.8	0.3	99.8	96.4	3.37	29.606		
900.0	900.0	900.0	900.0	1.9	1.9	179.84	-99.8	0.3	99.8	96.0	3.82	26.123		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	179.84	-99.8	0.3	99.8	95.5	4.27	23.373 CC, ES		
1,100.0	1,100.0	1,097.5	1,097.5	2.4	2.3	-179.96	-101.0	-0.1	101.0	96.4	4.69	21.556		
1,200.0	1,200.0	1,194.9	1,194.9	2.6	2.5	-179.39	-104.6	-1.1	104.7	99.6	5.09	20.593		
1,300.0	1,300.0	1,292.1	1,291.8	2.8	2.7	-178.52	-110.5	-2.9	110.9	105.4	5.49	20.193 SF		
1,400.0	1,400.0	1,388.9	1,388.2	3.0	2.9	-177.45	-118.8	-5.3	119.5	113.6	5.90	20.240		
1,500.0	1,500.0	1,485.1	1,483.8	3.3	3.1	-135.14	-129.3	-8.4	131.5	125.2	6.32	20.803		
1,600.0	1,599.9	1,580.3	1,578.1	3.5	3.3	-134.84	-142.0	-12.1	147.8	141.1	6.74	21.925		
1,700.0	1,699.7	1,674.5	1,671.0	3.7	3.6	-134.95	-156.8	-16.4	168.3	161.2	7.17	23.480		
1,800.0	1,799.3	1,771.7	1,766.7	3.9	3.9	-135.46	-173.1	-21.2	191.8	184.2	7.61	25.215		
1,873.9	1,872.7	1,843.2	1,837.1	4.1	4.1	-136.04	-185.2	-24.8	210.3	202.4	7.93	26.520		
1,900.0	1,898.6	1,868.4	1,861.9	4.2	4.2	-136.33	-189.4	-26.0	217.0	209.0	8.05	26.966		
2,000.0	1,997.8	1,964.9	1,956.9	4.4	4.5	-137.30	-205.6	-30.8	242.8	234.3	8.51	28.539		
2,100.0	2,097.0	2,061.4	2,052.0	4.7	4.8	-138.08	-221.8	-35.5	268.7	259.7	8.97	29.937		
2,200.0	2,196.3	2,158.0	2,147.0	5.0	5.2	-138.72	-238.1	-40.3	294.6	285.1	9.45	31.172		
2,300.0	2,295.5	2,254.5	2,242.1	5.2	5.5	-139.26	-254.3	-45.0	320.5	310.5	9.93	32.270		
2,400.0	2,394.7	2,351.1	2,337.1	5.5	5.9	-139.72	-270.5	-49.8	346.4	336.0	10.42	33.251		
2,500.0	2,494.0	2,447.6	2,432.2	5.8	6.2	-140.12	-286.7	-54.6	372.4	361.5	10.91	34.130		
2,600.0	2,593.2	2,544.1	2,527.2	6.1	6.6	-140.46	-303.0	-59.3	398.4	387.0	11.41	34.921		
2,700.0	2,692.4	2,640.7	2,622.3	6.4	7.0	-140.76	-319.2	-64.1	424.3	412.4	11.91	35.636		
2,800.0	2,791.7	2,737.2	2,717.3	6.7	7.3	-141.03	-335.4	-68.8	450.3	437.9	12.41	36.285		
2,900.0	2,890.9	2,833.8	2,812.4	7.0	7.7	-141.27	-351.6	-73.6	476.4	463.4	12.92	36.875		
3,000.0	2,990.1	2,930.3	2,907.4	7.3	8.1	-141.48	-367.9	-78.4	502.4	488.9	13.43	37.415		
3,100.0	3,089.4	3,026.9	3,002.5	7.6	8.5	-141.67	-384.1	-83.1	528.4	514.4	13.94	37.909		
3,200.0	3,188.6	3,123.4	3,097.5	7.9	8.8	-141.84	-400.3	-87.9	554.4	540.0	14.45	38.363		
3,300.0	3,287.8	3,219.9	3,192.6	8.2	9.2	-142.00	-416.5	-92.6	580.4	565.5	14.97	38.781		
3,400.0	3,387.1	3,316.5	3,287.6	8.5	9.6	-142.15	-432.8	-97.4	606.5	591.0	15.48	39.168		
3,500.0	3,486.3	3,413.0	3,382.6	8.8	10.0	-142.28	-449.0	-102.1	632.5	616.5	16.00	39.527		
3,600.0	3,585.5	3,509.6	3,477.7	9.1	10.3	-142.40	-465.2	-106.9	658.5	642.0	16.52	39.859		
3,700.0	3,684.7	3,606.1	3,572.7	9.4	10.7	-142.52	-481.4	-111.7	684.6	667.5	17.04	40.169		
3,800.0	3,784.0	3,702.6	3,667.8	9.7	11.1	-142.62	-497.7	-116.4	710.6	693.1	17.56	40.458		
3,900.0	3,883.2	3,799.2	3,762.8	10.0	11.5	-142.72	-513.9	-121.2	736.7	718.6	18.09	40.728		
3,962.7	3,945.5	3,859.7	3,822.5	10.2	11.7	-142.78	-524.1	-124.2	753.0	734.6	18.42	40.889		
4,000.0	3,982.5	3,895.8	3,857.9	10.3	11.9	-142.92	-530.1	-125.9	762.5	743.9	18.62	40.948		
4,100.0	4,082.0	3,992.9	3,953.6	10.5	12.3	-143.16	-546.4	-130.7	786.2	767.1	19.13	41.108		
4,200.0	4,181.8	4,090.7	4,049.8	10.7	12.6	-143.21	-562.9	-135.6	807.2	787.6	19.61	41.170		
4,300.0	4,281.8	4,188.9	4,146.5	10.9	13.0	-143.10	-579.4	-140.4	825.5	805.4	20.06	41.147		
4,318.2	4,300.0	4,206.8	4,164.1	10.9	13.1	175.53	-582.4	-141.3	828.5	805.4	23.11	35.851		
4,400.0	4,381.8	4,287.3	4,243.4	11.1	13.4	175.87	-595.9	-145.3	841.9	818.3	23.57	35.719		
4,500.0	4,481.8	4,385.8	4,340.4	11.3	13.8	176.28	-612.5	-150.1	858.4	834.2	24.15	35.539		
4,600.0	4,581.8	4,484.2	4,437.3	11.5	14.2	176.68	-629.0	-155.0	874.9	850.1	24.74	35.365		
4,700.0	4,681.8	4,582.7	4,534.2	11.7	14.6	177.05	-645.5	-159.8	891.4	866.1	25.33	35.198		
4,800.0	4,781.8	4,681.1	4,631.1	11.8	15.0	177.42	-662.1	-164.7	908.0	882.1	25.92	35.037		

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

Offset Design												Offset Site Error:	0.0 ft
SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)												Offset Well Error:	0.0 ft
Survey Program: 0-MWD													
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	
4,900.0	4,881.8	4,779.6	4,728.1	12.0	15.4	177.77	-678.6	-169.5	924.6	898.1	26.51	34.882	
5,000.0	4,981.8	4,878.0	4,825.0	12.2	15.8	178.11	-695.2	-174.4	941.2	914.1	27.10	34.733	
5,100.0	5,081.8	4,976.5	4,921.9	12.4	16.2	178.44	-711.7	-179.2	957.9	930.2	27.69	34.589	
5,200.0	5,181.8	5,074.9	5,018.9	12.6	16.6	178.75	-728.3	-184.1	974.6	946.3	28.29	34.451	
5,300.0	5,281.8	5,182.2	5,124.5	12.8	17.0	179.08	-746.2	-189.3	991.3	962.4	28.91	34.293	

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-79.8	0.0	79.8						
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-79.8	0.0	79.8	79.6	0.22	354.944			
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-79.8	0.0	79.8	79.1	0.67	118.315			
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-79.8	0.0	79.8	78.7	1.12	70.989			
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-79.8	0.0	79.8	78.2	1.57	50.706			
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-79.8	0.0	79.8	77.8	2.02	39.438			
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-79.8	0.0	79.8	77.3	2.47	32.268			
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-79.8	0.0	79.8	76.9	2.92	27.303			
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-79.8	0.0	79.8	76.4	3.37	23.663			
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-79.8	0.0	79.8	76.0	3.82	20.879			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-79.8	0.0	79.8	75.5	4.27	18.681			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-79.8	0.0	79.8	75.1	4.72	16.902			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-79.8	0.0	79.8	74.6	5.17	15.432	CC, ES		
1,300.0	1,300.0	1,298.0	1,298.0	2.8	2.8	-179.71	-81.0	-0.4	81.0	75.4	5.59	14.496			
1,400.0	1,400.0	1,396.0	1,395.9	3.0	3.0	-178.89	-84.5	-1.6	84.6	78.7	5.98	14.144			
1,500.0	1,500.0	1,493.6	1,493.3	3.3	3.1	-136.74	-90.4	-3.7	91.7	85.3	6.39	14.355			
1,600.0	1,599.9	1,590.5	1,589.9	3.5	3.3	-136.65	-98.6	-6.5	103.1	96.3	6.80	15.173			
1,700.0	1,699.7	1,686.6	1,685.3	3.7	3.5	-137.01	-109.1	-10.1	118.8	111.6	7.21	16.477			
1,800.0	1,799.3	1,781.6	1,779.3	3.9	3.8	-137.62	-121.6	-14.4	138.7	131.1	7.63	18.180			
1,873.9	1,872.7	1,851.9	1,848.8	4.1	3.9	-138.15	-132.2	-18.0	156.0	148.1	7.95	19.632			
1,900.0	1,898.6	1,877.2	1,873.7	4.2	4.0	-138.42	-136.0	-19.4	162.4	154.3	8.06	20.144			
2,000.0	1,997.8	1,974.1	1,969.3	4.4	4.3	-139.28	-150.9	-24.5	186.9	178.4	8.51	21.968			
2,100.0	2,097.0	2,071.0	2,065.0	4.7	4.6	-139.94	-165.8	-29.6	211.4	202.5	8.96	23.587			
2,200.0	2,196.3	2,167.9	2,160.6	5.0	4.9	-140.47	-180.7	-34.7	236.0	226.6	9.43	25.029			
2,300.0	2,295.5	2,264.9	2,256.2	5.2	5.2	-140.90	-195.6	-39.9	260.6	250.7	9.90	26.318			
2,400.0	2,394.7	2,361.8	2,351.9	5.5	5.5	-141.25	-210.5	-45.0	285.1	274.8	10.38	27.474			
2,500.0	2,494.0	2,458.7	2,447.5	5.8	5.8	-141.55	-225.4	-50.1	309.7	298.9	10.86	28.513			
2,600.0	2,593.2	2,555.6	2,543.1	6.1	6.2	-141.80	-240.3	-55.2	334.3	323.0	11.35	29.451			
2,700.0	2,692.4	2,652.5	2,638.8	6.4	6.5	-142.02	-255.2	-60.4	358.9	347.1	11.84	30.302			
2,800.0	2,791.7	2,749.5	2,734.4	6.7	6.8	-142.21	-270.1	-65.5	383.5	371.2	12.34	31.075			
2,900.0	2,890.9	2,846.4	2,830.0	7.0	7.2	-142.38	-285.0	-70.6	408.1	395.3	12.84	31.780			
3,000.0	2,990.1	2,943.3	2,925.6	7.3	7.5	-142.53	-299.9	-75.7	432.7	419.4	13.35	32.425			
3,100.0	3,089.4	3,040.2	3,021.3	7.6	7.9	-142.66	-314.8	-80.9	457.4	443.5	13.85	33.017			
3,200.0	3,188.6	3,137.1	3,116.9	7.9	8.2	-142.78	-329.7	-86.0	482.0	467.6	14.36	33.562			
3,300.0	3,287.8	3,234.0	3,212.5	8.2	8.6	-142.89	-344.6	-91.1	506.6	491.7	14.87	34.065			
3,400.0	3,387.1	3,331.0	3,308.2	8.5	8.9	-142.98	-359.4	-96.3	531.2	515.8	15.38	34.531			
3,500.0	3,486.3	3,427.9	3,403.8	8.8	9.3	-143.07	-374.3	-101.4	555.8	539.9	15.90	34.962			
3,600.0	3,585.5	3,524.8	3,499.4	9.1	9.6	-143.15	-389.2	-106.5	580.4	564.0	16.41	35.364			
3,700.0	3,684.7	3,621.7	3,595.1	9.4	10.0	-143.23	-404.1	-111.6	605.1	588.1	16.93	35.737			
3,800.0	3,784.0	3,718.6	3,690.7	9.7	10.4	-143.30	-419.0	-116.8	629.7	612.2	17.45	36.086			
3,900.0	3,883.2	3,815.6	3,786.3	10.0	10.7	-143.36	-433.9	-121.9	654.3	636.3	17.97	36.413			
3,962.7	3,945.5	3,876.4	3,846.3	10.2	10.9	-143.40	-443.3	-125.1	669.8	651.5	18.30	36.607			
4,000.0	3,982.5	3,912.5	3,882.0	10.3	11.1	-143.52	-448.8	-127.0	678.7	660.2	18.50	36.693			
4,100.0	4,082.0	4,010.0	3,978.2	10.5	11.4	-143.69	-463.8	-132.2	701.0	682.0	18.99	36.908			
4,200.0	4,181.8	4,108.0	4,074.9	10.7	11.8	-143.67	-478.9	-137.4	720.5	701.0	19.46	37.015			
4,300.0	4,281.8	4,206.5	4,172.0	10.9	12.2	-143.46	-494.0	-142.6	737.2	717.3	19.91	37.026			
4,318.2	4,300.0	4,224.4	4,189.7	10.9	12.2	175.18	-496.7	-143.5	740.0	717.8	22.23	33.286			
4,400.0	4,381.8	4,305.1	4,269.4	11.1	12.5	175.59	-509.2	-147.8	752.2	729.5	22.67	33.176			
4,500.0	4,481.8	4,403.8	4,366.7	11.3	12.9	176.07	-524.3	-153.0	767.2	743.9	23.23	33.022			
4,600.0	4,581.8	4,502.5	4,464.1	11.5	13.3	176.53	-539.5	-158.2	782.2	758.4	23.79	32.874			
4,700.0	4,681.8	4,601.2	4,561.5	11.7	13.7	176.98	-554.6	-163.4	797.3	772.9	24.36	32.731			
4,800.0	4,781.8	4,699.8	4,658.8	11.8	14.0	177.41	-569.8	-168.7	812.4	787.5	24.93	32.593			

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,881.8	4,798.5	4,756.2	12.0	14.4	177.82	-585.0	-173.9	827.6	802.1	25.49	32.461		
5,000.0	4,981.8	4,897.2	4,853.5	12.2	14.8	178.22	-600.1	-179.1	842.8	816.7	26.06	32.333		
5,100.0	5,081.8	4,995.8	4,950.9	12.4	15.2	178.60	-615.3	-184.3	858.0	831.4	26.64	32.210		
5,200.0	5,181.8	5,100.8	5,054.4	12.6	15.5	178.99	-631.3	-189.8	873.2	846.0	27.22	32.075		
5,300.0	5,281.8	5,240.2	5,192.7	12.8	15.9	179.40	-648.6	-195.8	885.5	857.8	27.78	31.881		
5,400.0	5,381.8	5,381.2	5,333.2	13.0	16.2	179.65	-659.6	-199.5	893.3	865.0	28.28	31.588		
5,500.0	5,481.8	5,522.9	5,474.8	13.2	16.4	179.75	-664.0	-201.1	896.4	867.7	28.72	31.207		
5,600.0	5,581.8	5,629.9	5,581.8	13.4	16.6	179.75	-664.1	-201.1	896.5	867.4	29.09	30.818		
5,700.0	5,681.8	5,729.9	5,681.8	13.6	16.7	179.75	-664.1	-201.1	896.5	867.1	29.44	30.455		
5,800.0	5,781.8	5,829.9	5,781.8	13.8	16.8	179.75	-664.1	-201.1	896.5	866.7	29.78	30.099		
5,900.0	5,881.8	5,929.9	5,881.8	14.0	17.0	179.75	-664.1	-201.1	896.5	866.4	30.14	29.748		
6,000.0	5,981.8	6,029.9	5,981.8	14.2	17.1	179.75	-664.1	-201.1	896.5	866.0	30.49	29.403		
6,100.0	6,081.8	6,129.9	6,081.8	14.5	17.3	179.75	-664.1	-201.1	896.5	865.6	30.84	29.064		
6,202.0	6,183.8	6,231.9	6,183.8	14.7	17.4	179.75	-664.1	-201.1	896.5	865.3	31.21	28.725		
6,250.0	6,231.8	6,280.4	6,232.2	14.7	17.5	90.42	-664.1	-199.5	896.5	868.1	28.42	31.548		
6,300.0	6,281.5	6,330.8	6,282.4	14.8	17.5	90.42	-664.0	-194.3	896.5	867.9	28.56	31.387		
6,350.0	6,330.8	6,381.3	6,332.1	14.9	17.6	90.41	-663.9	-185.6	896.5	867.8	28.68	31.254		
6,400.0	6,379.3	6,431.8	6,381.1	14.9	17.6	90.41	-663.8	-173.4	896.5	867.7	28.79	31.141		
6,450.0	6,426.9	6,482.2	6,429.0	15.0	17.7	90.40	-663.6	-157.8	896.5	867.6	28.88	31.042		
6,500.0	6,473.3	6,532.6	6,475.8	15.0	17.7	90.39	-663.4	-138.9	896.5	867.5	28.97	30.945		
6,550.0	6,518.3	6,583.0	6,521.0	15.0	17.7	90.37	-663.1	-116.7	896.5	867.4	29.07	30.837		
6,600.0	6,561.6	6,633.4	6,564.6	15.1	17.7	90.36	-662.8	-91.5	896.5	867.3	29.20	30.702		
6,650.0	6,603.2	6,683.8	6,606.3	15.1	17.7	90.34	-662.5	-63.2	896.5	867.1	29.37	30.522		
6,700.0	6,642.6	6,734.2	6,645.9	15.2	17.7	90.32	-662.1	-32.1	896.5	866.9	29.61	30.278		
6,750.0	6,679.9	6,784.5	6,683.2	15.2	17.8	90.30	-661.7	1.7	896.5	866.5	29.93	29.950		
6,800.0	6,714.7	6,834.9	6,718.0	15.4	17.8	90.28	-661.3	38.0	896.5	866.1	30.37	29.523		
6,850.0	6,746.9	6,885.2	6,750.2	15.6	17.8	90.26	-660.8	76.7	896.5	865.5	30.93	28.985		
6,900.0	6,776.4	6,935.4	6,779.5	16.0	17.9	90.24	-660.3	117.5	896.5	864.8	31.64	28.334		
6,950.0	6,803.1	6,985.7	6,805.9	16.4	18.0	90.21	-659.8	160.2	896.5	864.0	32.51	27.573		
7,000.0	6,826.6	7,035.9	6,829.2	17.0	18.2	90.18	-659.3	204.7	896.5	862.9	33.56	26.716		
7,050.0	6,847.1	7,086.1	6,849.4	17.6	18.4	90.16	-658.8	250.6	896.5	861.7	34.77	25.783		
7,100.0	6,864.3	7,136.2	6,866.3	18.3	18.9	90.13	-658.2	297.8	896.5	860.3	36.15	24.799		
7,150.0	6,878.2	7,186.4	6,879.8	19.1	19.5	90.10	-657.7	346.1	896.5	858.8	37.69	23.788		
7,171.8	6,883.3	7,208.2	6,884.6	19.4	19.8	90.09	-657.4	367.4	896.5	858.1	38.41	23.342		
7,200.0	6,888.8	7,236.4	6,889.9	19.9	20.2	90.07	-657.1	395.1	896.5	857.1	39.36	22.776		
7,250.0	6,895.9	7,286.5	6,896.5	20.8	21.1	90.04	-656.5	444.8	896.5	855.3	41.16	21.781		
7,300.0	6,899.5	7,336.5	6,899.7	21.8	22.0	90.01	-655.9	494.7	896.5	853.4	43.05	20.822		
7,327.0	6,900.0	7,363.5	6,900.0	22.3	22.5	90.00	-655.6	521.7	896.5	852.4	44.11	20.324		
7,400.0	6,900.0	7,436.5	6,900.0	23.8	24.0	90.00	-654.8	594.7	896.5	849.4	47.10	19.033		
7,500.0	6,900.0	7,536.5	6,900.0	25.9	26.1	90.00	-653.6	694.7	896.5	845.1	51.43	17.432		
7,600.0	6,900.0	7,636.5	6,900.0	28.2	28.4	90.00	-652.4	794.6	896.5	840.5	55.98	16.014		
7,700.0	6,900.0	7,736.5	6,900.0	30.5	30.7	90.00	-651.2	894.6	896.5	835.8	60.71	14.767		
7,800.0	6,900.0	7,836.5	6,900.0	33.0	33.1	90.00	-650.1	994.6	896.5	830.9	65.58	13.670		
7,900.0	6,900.0	7,936.5	6,900.0	35.5	35.6	90.00	-648.9	1,094.6	896.5	825.9	70.56	12.705		
8,000.0	6,900.0	8,036.5	6,900.0	38.0	38.1	90.00	-647.7	1,194.6	896.5	820.9	75.63	11.854		
8,100.0	6,900.0	8,136.5	6,900.0	40.5	40.6	90.00	-646.6	1,294.6	896.5	815.7	80.77	11.100		
8,200.0	6,900.0	8,236.5	6,900.0	43.1	43.2	90.00	-645.4	1,394.6	896.5	810.5	85.97	10.428		
8,300.0	6,900.0	8,336.5	6,900.0	45.8	45.8	90.00	-644.2	1,494.6	896.5	805.3	91.21	9.828		
8,400.0	6,900.0	8,436.5	6,900.0	48.4	48.5	90.00	-643.0	1,594.6	896.5	800.0	96.50	9.290		
8,500.0	6,900.0	8,536.5	6,900.0	51.0	51.1	90.00	-641.9	1,694.6	896.5	794.7	101.82	8.804		
8,600.0	6,900.0	8,636.5	6,900.0	53.7	53.8	90.00	-640.7	1,794.6	896.5	789.3	107.18	8.365		
8,700.0	6,900.0	8,736.5	6,900.0	56.4	56.5	90.00	-639.5	1,894.6	896.5	783.9	112.55	7.965		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance			Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)			
8,800.0	6,900.0	8,836.5	6,900.0	59.1	59.2	90.00	-638.4	1,994.6	896.5	778.5	117.95	7.601		
8,900.0	6,900.0	8,936.5	6,900.0	61.8	61.9	90.00	-637.2	2,094.6	896.5	773.1	123.37	7.267		
9,000.0	6,900.0	9,036.5	6,900.0	64.5	64.6	90.00	-636.0	2,194.6	896.5	767.7	128.80	6.960		
9,100.0	6,900.0	9,136.5	6,900.0	67.2	67.3	90.00	-634.8	2,294.5	896.5	762.2	134.25	6.678		
9,200.0	6,900.0	9,236.5	6,900.0	70.0	70.0	90.00	-633.7	2,394.5	896.5	756.8	139.71	6.417		
9,300.0	6,900.0	9,336.5	6,900.0	72.7	72.7	90.00	-632.5	2,494.5	896.5	751.3	145.18	6.175		
9,400.0	6,900.0	9,436.5	6,900.0	75.4	75.5	90.00	-631.3	2,594.5	896.5	745.8	150.67	5.950		
9,500.0	6,900.0	9,536.5	6,900.0	78.2	78.2	90.00	-630.1	2,694.5	896.5	740.3	156.16	5.741		
9,600.0	6,900.0	9,636.5	6,900.0	80.9	81.0	90.00	-629.0	2,794.5	896.5	734.8	161.66	5.546		
9,700.0	6,900.0	9,736.5	6,900.0	83.7	83.7	90.00	-627.8	2,894.5	896.5	729.3	167.16	5.363		
9,800.0	6,900.0	9,836.5	6,900.0	86.4	86.5	90.00	-626.6	2,994.5	896.5	723.8	172.68	5.192		
9,900.0	6,900.0	9,936.5	6,900.0	89.2	89.2	90.00	-625.5	3,094.5	896.5	718.3	178.20	5.031		
10,000.0	6,900.0	10,036.5	6,900.0	92.0	92.0	90.00	-624.3	3,194.5	896.5	712.8	183.72	4.880		
10,100.0	6,900.0	10,136.5	6,900.0	94.7	94.7	90.00	-623.1	3,294.5	896.5	707.3	189.25	4.737		
10,200.0	6,900.0	10,236.5	6,900.0	97.5	97.5	90.00	-621.9	3,394.5	896.5	701.7	194.78	4.603		
10,300.0	6,900.0	10,336.5	6,900.0	100.2	100.3	90.00	-620.8	3,494.5	896.5	696.2	200.32	4.475		
10,400.0	6,900.0	10,436.5	6,900.0	103.0	103.0	90.00	-619.6	3,594.5	896.5	690.7	205.87	4.355		
10,500.0	6,900.0	10,536.5	6,900.0	105.8	105.8	90.00	-618.4	3,694.4	896.5	685.1	211.41	4.241		
10,600.0	6,900.0	10,636.5	6,900.0	108.6	108.6	90.00	-617.3	3,794.4	896.5	679.6	216.96	4.132		
10,700.0	6,900.0	10,736.5	6,900.0	111.3	111.3	90.00	-616.1	3,894.4	896.5	674.0	222.51	4.029		
10,800.0	6,900.0	10,836.5	6,900.0	114.1	114.1	90.00	-614.9	3,994.4	896.5	668.5	228.07	3.931		
10,900.0	6,900.0	10,936.5	6,900.0	116.9	116.9	90.00	-613.7	4,094.4	896.5	662.9	233.62	3.837		
11,000.0	6,900.0	11,036.5	6,900.0	119.7	119.7	90.00	-612.6	4,194.4	896.5	657.3	239.18	3.748		
11,100.0	6,900.0	11,136.5	6,900.0	122.5	122.5	90.00	-611.4	4,294.4	896.5	651.8	244.75	3.663		
11,200.0	6,900.0	11,236.5	6,900.0	125.2	125.2	90.00	-610.2	4,394.4	896.5	646.2	250.31	3.582		
11,300.0	6,900.0	11,336.5	6,900.0	128.0	128.0	90.00	-609.1	4,494.4	896.5	640.7	255.88	3.504		
11,359.7	6,900.0	11,396.2	6,900.0	129.7	129.7	90.00	-608.4	4,554.1	896.5	637.3	259.20	3.459		
11,402.3	6,900.0	11,431.0	6,900.0	130.9	130.3	90.00	-608.0	4,588.8	896.6	635.5	261.05	3.435 SF		

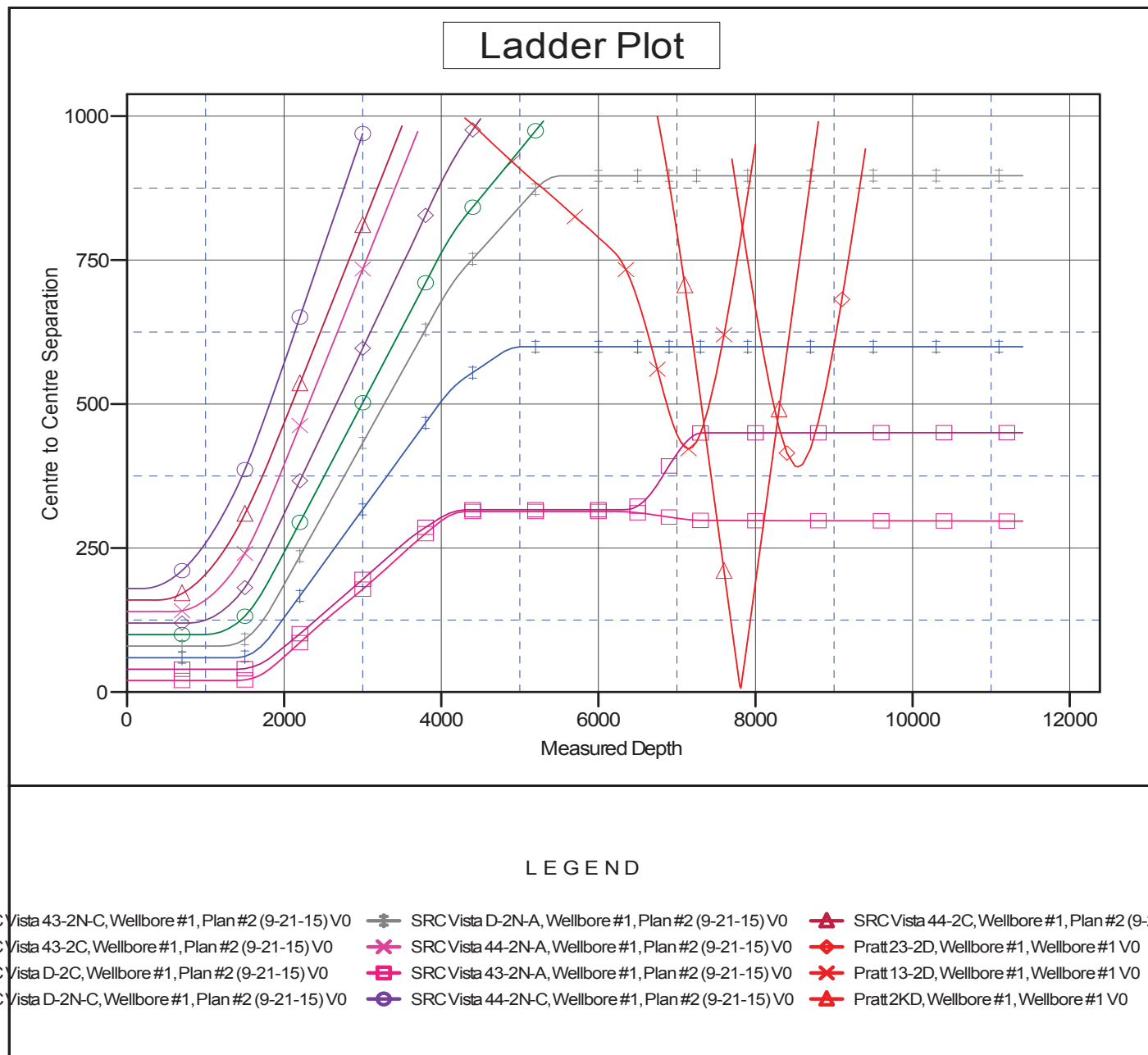
Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista S-2N-C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-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)						
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-119.8	0.0	119.8					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-119.8	0.0	119.8	119.6	0.22	533.200		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-119.8	0.0	119.8	119.2	0.67	177.733		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-119.8	0.0	119.8	118.7	1.12	106.640		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-119.8	0.0	119.8	118.3	1.57	76.171		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-119.8	0.0	119.8	117.8	2.02	59.244		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-119.8	0.0	119.8	117.4	2.47	48.473		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-119.8	0.0	119.8	116.9	2.92	41.015		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-119.8	0.0	119.8	116.5	3.37	35.547 CC, ES		
900.0	900.0	897.0	897.0	1.9	1.9	-179.87	-121.0	-0.3	121.1	117.3	3.79	31.968		
1,000.0	1,000.0	993.9	993.8	2.1	2.1	-179.48	-124.6	-1.1	124.8	120.6	4.19	29.809		
1,100.0	1,100.0	1,090.5	1,090.3	2.4	2.2	-178.89	-130.6	-2.5	131.0	126.4	4.59	28.509		
1,200.0	1,200.0	1,186.8	1,186.2	2.6	2.4	-178.15	-138.9	-4.5	139.7	134.6	5.01	27.864		
1,300.0	1,300.0	1,282.6	1,281.3	2.8	2.7	-177.32	-149.5	-7.0	150.8	145.4	5.44	27.723 SF		
1,400.0	1,400.0	1,377.8	1,375.6	3.0	2.9	-176.47	-162.3	-10.0	164.4	158.5	5.88	27.969		
1,500.0	1,500.0	1,472.1	1,468.6	3.3	3.2	-134.32	-177.2	-13.5	181.4	175.1	6.29	28.827		
1,600.0	1,599.9	1,565.2	1,560.1	3.5	3.5	-134.05	-194.2	-17.5	202.6	195.8	6.73	30.120		
1,700.0	1,699.7	1,661.5	1,654.4	3.7	3.8	-134.17	-213.1	-22.0	227.0	219.8	7.17	31.665		
1,800.0	1,799.3	1,758.0	1,748.9	3.9	4.2	-134.64	-232.1	-26.5	253.2	245.6	7.61	33.261		
1,873.9	1,872.7	1,828.9	1,818.4	4.1	4.5	-135.13	-246.1	-29.8	273.7	265.8	7.95	34.452		
1,900.0	1,898.6	1,853.9	1,842.8	4.2	4.6	-135.40	-251.0	-30.9	281.2	273.1	8.07	34.856		
2,000.0	1,997.8	1,949.6	1,936.6	4.4	4.9	-136.31	-269.8	-35.4	309.7	301.2	8.54	36.283		
2,100.0	2,097.0	2,045.3	2,030.3	4.7	5.3	-137.06	-288.7	-39.8	338.3	329.3	9.01	37.532		
2,200.0	2,196.3	2,141.1	2,124.1	5.0	5.7	-137.69	-307.5	-44.3	367.0	357.5	9.50	38.630		
2,300.0	2,295.5	2,236.8	2,217.8	5.2	6.1	-138.24	-326.3	-48.7	395.6	385.7	9.99	39.600		
2,400.0	2,394.7	2,332.5	2,311.6	5.5	6.5	-138.71	-345.2	-53.2	424.4	413.9	10.49	40.463		
2,500.0	2,494.0	2,428.3	2,405.3	5.8	6.9	-139.12	-364.0	-57.6	453.1	442.1	10.99	41.232		
2,600.0	2,593.2	2,524.0	2,499.1	6.1	7.3	-139.48	-382.9	-62.1	481.8	470.3	11.49	41.922		
2,700.0	2,692.4	2,619.7	2,592.9	6.4	7.7	-139.80	-401.7	-66.5	510.6	498.6	12.00	42.543		
2,800.0	2,791.7	2,715.5	2,686.6	6.7	8.2	-140.09	-420.5	-71.0	539.4	526.9	12.51	43.104		
2,900.0	2,890.9	2,811.2	2,780.4	7.0	8.6	-140.35	-439.4	-75.4	568.2	555.2	13.03	43.613		
3,000.0	2,990.1	2,907.0	2,874.1	7.3	9.0	-140.58	-458.2	-79.9	597.0	583.4	13.54	44.077		
3,100.0	3,089.4	3,002.7	2,967.9	7.6	9.4	-140.79	-477.1	-84.3	625.8	611.7	14.06	44.501		
3,200.0	3,188.6	3,098.4	3,061.6	7.9	9.8	-140.99	-495.9	-88.8	654.6	640.0	14.58	44.889		
3,300.0	3,287.8	3,194.2	3,155.4	8.2	10.2	-141.16	-514.7	-93.2	683.4	668.3	15.10	45.247		
3,400.0	3,387.1	3,289.9	3,249.2	8.5	10.7	-141.32	-533.6	-97.6	712.3	696.6	15.63	45.576		
3,500.0	3,486.3	3,385.6	3,342.9	8.8	11.1	-141.47	-552.4	-102.1	741.1	725.0	16.15	45.881		
3,600.0	3,585.5	3,481.4	3,436.7	9.1	11.5	-141.61	-571.3	-106.5	769.9	753.3	16.68	46.163		
3,700.0	3,684.7	3,577.1	3,530.4	9.4	11.9	-141.74	-590.1	-111.0	798.8	781.6	17.21	46.425		
3,800.0	3,784.0	3,672.8	3,624.2	9.7	12.3	-141.86	-608.9	-115.4	827.6	809.9	17.73	46.670		
3,900.0	3,883.2	3,768.6	3,718.0	10.0	12.8	-141.97	-627.8	-119.9	856.5	838.2	18.26	46.898		
3,962.7	3,945.5	3,828.6	3,776.8	10.2	13.0	-142.04	-639.6	-122.7	874.6	856.0	18.60	47.033		
4,000.0	3,982.5	3,864.4	3,811.8	10.3	13.2	-142.20	-646.6	-124.3	885.1	866.3	18.81	47.064		
4,100.0	4,082.0	3,960.8	3,906.2	10.5	13.6	-142.52	-665.6	-128.8	911.7	892.4	19.33	47.169		
4,200.0	4,181.8	4,057.8	4,001.3	10.7	14.1	-142.66	-684.7	-133.3	935.5	915.7	19.83	47.189		
4,300.0	4,281.8	4,155.5	4,096.9	10.9	14.5	-142.64	-703.9	-137.8	956.7	936.4	20.30	47.138		
4,318.2	4,300.0	4,173.3	4,114.3	10.9	14.6	175.96	-707.4	-138.7	960.3	935.7	24.60	39.035		
4,400.0	4,381.8	4,253.4	4,192.8	11.1	14.9	176.25	-723.2	-142.4	976.1	951.0	25.10	38.891		
4,500.0	4,481.8	4,351.3	4,288.7	11.3	15.4	176.59	-742.5	-146.9	995.5	969.8	25.73	38.696		

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

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

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



Reference Depths are relative to WELL @ 5013.5ft (Ensign 131 RKB -	Coordinates are relative to: SRC Vista S-2N-C
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.34°

