

Synergy Resources

Well Name: **SRC Vista A-2NHZ**

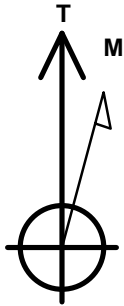
Surface Location: SRC Vista (N/S) Pad Sec.2-T4N-R68W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 5000.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1367636.97	3145254.98	40.341393	-104.978905	
RKB - 13' WELL @ 5013.0ft (RKB - 13')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2143'FSL, 254'FWL	1.0	0.0	0.0	Point
BHL 460'FNL, 1360'FWL	6900.0	2372.0	919.6	Point
Turn Pt. (A-2NHZ)	6900.0	510.8	1104.4	Point



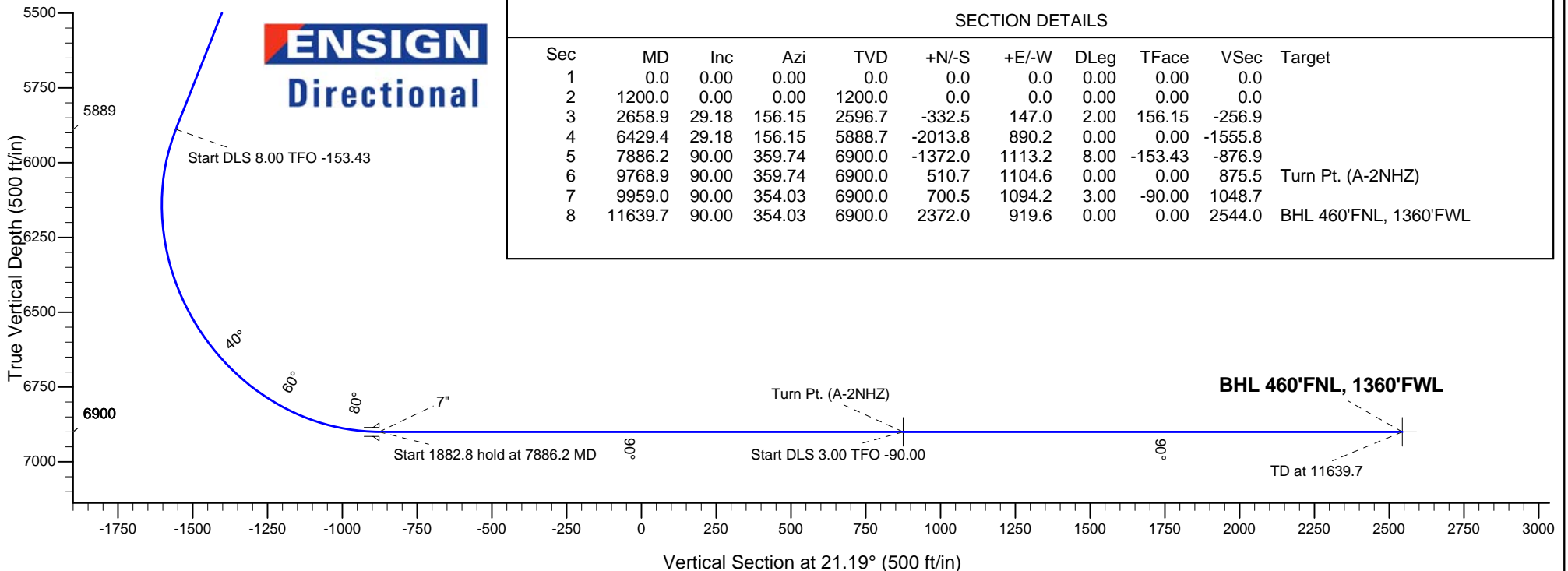
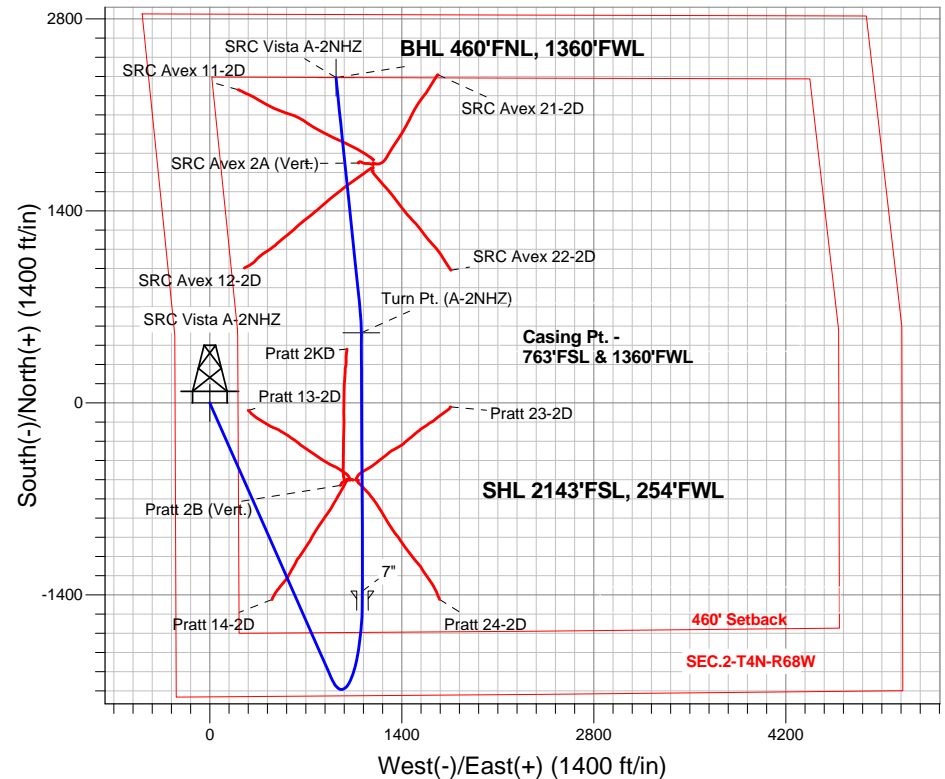
Azimuths to True North
Magnetic North: 8.51°

Magnetic Field
Strength: 52717.7snT
Dip Angle: 66.85°
Date: 11/11/2014
Model: IGRF2010

SRC Vista (N/S) Pad Sec.2-T4N-R68W
SRC Vista A-2NHZ
Plan #1 (11-07-14)
9:48, November 11 2014

ANNOTATIONS

TVD	MD	Annotation
1200.0	1200.0	KOP - Start Build 2.00
5888.7	6429.4	Start DLS 8.00 TFO -153.43
6900.0	7886.2	Start 1882.8 hold at 7886.2 MD
6900.0	9768.9	Start DLS 3.00 TFO -90.00
6900.0	9959.0	Start 1680.6 hold at 9959.0 MD
6900.0	11639.7	TD at 11639.7





Synergy Resources

SEC.2-T4N-R68W

SRC Vista (N/S) Pad Sec.2-T4N-R68W

SRC Vista A-2NHZ

Wellbore #1

Plan: Plan #1 (11-07-14)

Standard Planning Report

11 November, 2014

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,658.9	29.18	156.15	2,596.7	-332.5	147.0	2.00	2.00	0.00	156.15	
6,429.4	29.18	156.15	5,888.7	-2,013.8	890.2	0.00	0.00	0.00	0.00	
7,886.2	90.00	359.74	6,900.0	-1,372.0	1,113.2	8.00	4.18	-10.74	-153.43	
9,768.9	90.00	359.74	6,900.0	510.7	1,104.6	0.00	0.00	0.00	0.00	Turn Pt. (A-2NHZ)
9,959.0	90.00	354.03	6,900.0	700.5	1,094.2	3.00	0.00	-3.00	-90.00	
11,639.7	90.00	354.03	6,900.0	2,372.0	919.6	0.00	0.00	0.00	0.00	BHL 460'FNL, 1360

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-07-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 2143'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
KOP - Start Build 2.00									
1,300.0	2.00	156.15	1,300.0	-1.6	0.7	-1.2	2.00	2.00	0.00
1,400.0	4.00	156.15	1,399.8	-6.4	2.8	-4.9	2.00	2.00	0.00
1,500.0	6.00	156.15	1,499.5	-14.4	6.3	-11.1	2.00	2.00	0.00
1,600.0	8.00	156.15	1,598.7	-25.5	11.3	-19.7	2.00	2.00	0.00
1,700.0	10.00	156.15	1,697.5	-39.8	17.6	-30.8	2.00	2.00	0.00
1,800.0	12.00	156.15	1,795.6	-57.3	25.3	-44.2	2.00	2.00	0.00
1,900.0	14.00	156.15	1,893.1	-77.8	34.4	-60.1	2.00	2.00	0.00
2,000.0	16.00	156.15	1,989.6	-101.5	44.9	-78.4	2.00	2.00	0.00
2,100.0	18.00	156.15	2,085.3	-128.2	56.7	-99.1	2.00	2.00	0.00
2,200.0	20.00	156.15	2,179.8	-158.0	69.9	-122.1	2.00	2.00	0.00
2,300.0	22.00	156.15	2,273.2	-190.8	84.3	-147.4	2.00	2.00	0.00
2,400.0	24.00	156.15	2,365.2	-226.5	100.1	-175.0	2.00	2.00	0.00
2,500.0	26.00	156.15	2,455.8	-265.2	117.2	-204.9	2.00	2.00	0.00
2,600.0	28.00	156.15	2,544.9	-306.7	135.6	-237.0	2.00	2.00	0.00
2,658.9	29.18	156.15	2,596.7	-332.5	147.0	-256.9	2.00	2.00	0.00
2,700.0	29.18	156.15	2,632.5	-350.8	155.1	-271.0	0.00	0.00	0.00
2,800.0	29.18	156.15	2,719.9	-395.4	174.8	-305.5	0.00	0.00	0.00
2,900.0	29.18	156.15	2,807.2	-440.0	194.5	-339.9	0.00	0.00	0.00
3,000.0	29.18	156.15	2,894.5	-484.6	214.2	-374.4	0.00	0.00	0.00
3,100.0	29.18	156.15	2,981.8	-529.2	233.9	-408.8	0.00	0.00	0.00
3,200.0	29.18	156.15	3,069.1	-573.8	253.6	-443.3	0.00	0.00	0.00
3,300.0	29.18	156.15	3,156.4	-618.3	273.3	-477.7	0.00	0.00	0.00
3,400.0	29.18	156.15	3,243.7	-662.9	293.1	-512.2	0.00	0.00	0.00
3,500.0	29.18	156.15	3,331.0	-707.5	312.8	-546.6	0.00	0.00	0.00
3,600.0	29.18	156.15	3,418.3	-752.1	332.5	-581.1	0.00	0.00	0.00
3,700.0	29.18	156.15	3,505.6	-796.7	352.2	-615.5	0.00	0.00	0.00
3,800.0	29.18	156.15	3,593.0	-841.3	371.9	-650.0	0.00	0.00	0.00
3,900.0	29.18	156.15	3,680.3	-885.9	391.6	-684.4	0.00	0.00	0.00
4,000.0	29.18	156.15	3,767.6	-930.5	411.3	-718.9	0.00	0.00	0.00
4,100.0	29.18	156.15	3,854.9	-975.1	431.0	-753.3	0.00	0.00	0.00
4,200.0	29.18	156.15	3,942.2	-1,019.7	450.7	-787.8	0.00	0.00	0.00
4,300.0	29.18	156.15	4,029.5	-1,064.2	470.5	-822.2	0.00	0.00	0.00
4,400.0	29.18	156.15	4,116.8	-1,108.8	490.2	-856.7	0.00	0.00	0.00
4,500.0	29.18	156.15	4,204.1	-1,153.4	509.9	-891.1	0.00	0.00	0.00
4,600.0	29.18	156.15	4,291.4	-1,198.0	529.6	-925.6	0.00	0.00	0.00
4,700.0	29.18	156.15	4,378.8	-1,242.6	549.3	-960.0	0.00	0.00	0.00
4,800.0	29.18	156.15	4,466.1	-1,287.2	569.0	-994.5	0.00	0.00	0.00
4,900.0	29.18	156.15	4,553.4	-1,331.8	588.7	-1,028.9	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-07-14)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.0	29.18	156.15	4,640.7	-1,376.4	608.4	-1,063.4	0.00	0.00	0.00
5,100.0	29.18	156.15	4,728.0	-1,421.0	628.2	-1,097.8	0.00	0.00	0.00
5,200.0	29.18	156.15	4,815.3	-1,465.6	647.9	-1,132.3	0.00	0.00	0.00
5,300.0	29.18	156.15	4,902.6	-1,510.1	667.6	-1,166.7	0.00	0.00	0.00
5,400.0	29.18	156.15	4,989.9	-1,554.7	687.3	-1,201.2	0.00	0.00	0.00
5,500.0	29.18	156.15	5,077.2	-1,599.3	707.0	-1,235.7	0.00	0.00	0.00
5,600.0	29.18	156.15	5,164.6	-1,643.9	726.7	-1,270.1	0.00	0.00	0.00
5,700.0	29.18	156.15	5,251.9	-1,688.5	746.4	-1,304.6	0.00	0.00	0.00
5,800.0	29.18	156.15	5,339.2	-1,733.1	766.1	-1,339.0	0.00	0.00	0.00
5,900.0	29.18	156.15	5,426.5	-1,777.7	785.8	-1,373.5	0.00	0.00	0.00
6,000.0	29.18	156.15	5,513.8	-1,822.3	805.6	-1,407.9	0.00	0.00	0.00
6,100.0	29.18	156.15	5,601.1	-1,866.9	825.3	-1,442.4	0.00	0.00	0.00
6,200.0	29.18	156.15	5,688.4	-1,911.5	845.0	-1,476.8	0.00	0.00	0.00
6,300.0	29.18	156.15	5,775.7	-1,956.1	864.7	-1,511.3	0.00	0.00	0.00
6,400.0	29.18	156.15	5,863.0	-2,000.6	884.4	-1,545.7	0.00	0.00	0.00
6,429.4	29.18	156.15	5,888.7	-2,013.8	890.2	-1,555.8	0.00	0.00	0.00
Start DLS 8.00 TFO -153.43									
6,500.0	24.25	150.00	5,951.8	-2,042.1	904.4	-1,577.1	8.00	-6.98	-8.71
6,600.0	17.95	136.13	6,045.1	-2,071.0	925.4	-1,596.5	8.00	-6.30	-13.87
6,700.0	13.50	111.17	6,141.4	-2,086.4	947.0	-1,603.0	8.00	-4.45	-24.96
6,800.0	12.97	75.76	6,238.9	-2,087.8	968.8	-1,596.5	8.00	-0.53	-35.41
6,900.0	16.73	47.74	6,335.7	-2,075.4	990.3	-1,577.1	8.00	3.77	-28.02
7,000.0	22.75	31.92	6,429.8	-2,049.2	1,011.3	-1,545.1	8.00	6.02	-15.81
7,100.0	29.69	22.81	6,519.5	-2,009.9	1,031.1	-1,501.3	8.00	6.93	-9.12
7,200.0	37.02	16.97	6,603.0	-1,958.2	1,049.5	-1,446.5	8.00	7.34	-5.84
7,300.0	44.56	12.85	6,678.7	-1,895.1	1,066.2	-1,381.6	8.00	7.54	-4.12
7,400.0	52.21	9.71	6,745.1	-1,821.8	1,080.6	-1,308.1	8.00	7.65	-3.14
7,500.0	59.93	7.17	6,800.8	-1,739.8	1,092.7	-1,227.2	8.00	7.72	-2.54
7,600.0	67.69	5.00	6,844.9	-1,650.7	1,102.2	-1,140.7	8.00	7.76	-2.17
7,700.0	75.47	3.06	6,876.5	-1,556.1	1,108.8	-1,050.1	8.00	7.79	-1.94
7,800.0	83.27	1.25	6,894.9	-1,458.0	1,112.5	-957.3	8.00	7.80	-1.81
7,886.2	90.00	359.74	6,900.0	-1,372.0	1,113.2	-876.8	8.00	7.80	-1.75
Start 1882.8 hold at 7886.2 MD - 7"									
7,900.0	90.00	359.74	6,900.0	-1,358.2	1,113.1	-864.0	0.00	0.00	0.00
8,000.0	90.00	359.74	6,900.0	-1,258.2	1,112.7	-770.9	0.00	0.00	0.00
8,100.0	90.00	359.74	6,900.0	-1,158.2	1,112.2	-677.8	0.00	0.00	0.00
8,200.0	90.00	359.74	6,900.0	-1,058.2	1,111.8	-584.8	0.00	0.00	0.00
8,300.0	90.00	359.74	6,900.0	-958.2	1,111.3	-491.7	0.00	0.00	0.00
8,400.0	90.00	359.74	6,900.0	-858.2	1,110.8	-398.6	0.00	0.00	0.00
8,500.0	90.00	359.74	6,900.0	-758.2	1,110.4	-305.6	0.00	0.00	0.00
8,600.0	90.00	359.74	6,900.0	-658.2	1,109.9	-212.5	0.00	0.00	0.00
8,700.0	90.00	359.74	6,900.0	-558.2	1,109.5	-119.4	0.00	0.00	0.00
8,800.0	90.00	359.74	6,900.0	-458.2	1,109.0	-26.3	0.00	0.00	0.00
8,900.0	90.00	359.74	6,900.0	-358.2	1,108.6	66.7	0.00	0.00	0.00
9,000.0	90.00	359.74	6,900.0	-258.2	1,108.1	159.8	0.00	0.00	0.00
9,100.0	90.00	359.74	6,900.0	-158.2	1,107.6	252.9	0.00	0.00	0.00
9,200.0	90.00	359.74	6,900.0	-58.2	1,107.2	345.9	0.00	0.00	0.00
9,300.0	90.00	359.74	6,900.0	41.8	1,106.7	439.0	0.00	0.00	0.00
9,400.0	90.00	359.74	6,900.0	141.8	1,106.3	532.1	0.00	0.00	0.00
9,500.0	90.00	359.74	6,900.0	241.8	1,105.8	625.2	0.00	0.00	0.00
9,600.0	90.00	359.74	6,900.0	341.8	1,105.3	718.2	0.00	0.00	0.00
9,700.0	90.00	359.74	6,900.0	441.8	1,104.9	811.3	0.00	0.00	0.00
9,768.9	90.00	359.74	6,900.0	510.7	1,104.6	875.4	0.00	0.00	0.00

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")
7,886.2	6,900.0	7"		7	7-1/2

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-07-14)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,200.0	1,200.0	0.0	0.0	KOP - Start Build 2.00
6,429.4	5,888.7	-332.5	147.0	Start DLS 8.00 TFO -153.43
7,886.2	6,900.0	-2,013.8	890.2	Start 1882.8 hold at 7886.2 MD
9,768.9	6,900.0	-1,372.0	1,113.2	Start DLS 3.00 TFO -90.00
9,959.0	6,900.0	510.7	1,104.6	Start 1680.6 hold at 9959.0 MD
11,639.7	6,900.0	700.5	1,094.2	TD at 11639.7



Synergy Resources

SEC.2-T4N-R68W

SRC Vista (N/S) Pad Sec.2-T4N-R68W

SRC Vista A-2NHZ

Wellbore #1

Plan #1 (11-07-14)

Anticollision Report

11 November, 2014

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (11-07-14)		
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 1,000.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date 11/11/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	11,639.7	Plan #1 (11-07-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Pratt 14-2D Pad Sec.2-T4N-R68W						
Pratt 13-2D - Wellbore #1 - Wellbore #1	3,283.9	3,198.9	526.3	502.7	22.285	CC
Pratt 13-2D - Wellbore #1 - Wellbore #1	3,300.0	3,211.7	526.4	502.6	22.111	ES
Pratt 13-2D - Wellbore #1 - Wellbore #1	9,200.0	6,874.9	770.4	717.5	14.563	SF
Pratt 14-2D - Wellbore #1 - Wellbore #1	4,525.9	4,314.1	298.8	263.0	8.329	CC, ES, SF
Pratt 23-2D - Wellbore #1 - Wellbore #1	9,197.1	6,919.5	619.7	565.4	11.428	CC
Pratt 23-2D - Wellbore #1 - Wellbore #1	9,200.0	6,919.7	619.7	565.4	11.425	ES, SF
Pratt 24-2D - Wellbore #1 - Wellbore #1	7,886.2	6,943.5	519.7	462.0	9.007	SF
Pratt 24-2D - Wellbore #1 - Wellbore #1	7,923.0	6,938.4	518.4	461.0	9.024	CC, ES
Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1	8,659.9	6,904.3	154.8	105.6	3.148	CC, ES, SF
Pratt 2KD - Wellbore #1 - Wellbore #1	9,589.1	6,969.1	111.5	50.8	1.837	CC, ES, SF
SRC Avex 11-2D Pad Sec.2-T4N-R68W						
SRC Avex 11-2D - Wellbore #1 - Wellbore #1	11,590.3	6,898.3	666.8	582.7	7.927	CC
SRC Avex 11-2D - Wellbore #1 - Wellbore #1	11,600.0	6,899.3	666.9	582.6	7.911	ES
SRC Avex 11-2D - Wellbore #1 - Wellbore #1	11,639.7	6,903.1	668.6	583.6	7.863	SF
SRC Avex 12-2D - Wellbore #1 - Wellbore #1	10,408.0	6,883.3	685.6	620.2	10.481	CC, ES
SRC Avex 12-2D - Wellbore #1 - Wellbore #1	10,500.0	6,873.0	691.7	625.2	10.399	SF
SRC Avex 21-2D - Wellbore #1 - Wellbore #1	11,558.6	6,914.4	720.9	637.3	8.625	CC, ES
SRC Avex 21-2D - Wellbore #1 - Wellbore #1	11,639.7	6,921.8	725.4	640.5	8.539	SF
SRC Avex 22-2D - Wellbore #1 - Wellbore #1	10,252.9	6,928.1	640.1	574.8	9.801	CC, ES
SRC Avex 22-2D - Wellbore #1 - Wellbore #1	10,300.0	6,921.7	641.8	575.9	9.734	SF
SRC Avex 2A (Vert.) - Wellbore #1 - Wellbore #1	11,005.2	6,904.5	97.6	26.3	1.369	Level 3, CC, ES, SF

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							
SRC Vista (N/S) Pad Sec.2-T4N-R68W							
SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)	1,200.0	1,200.0	59.7	54.6	11.556	CC, ES	
SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)	11,639.7	11,862.6	733.1	606.9	5.810	SF	
SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)	1,200.0	1,200.0	79.8	74.6	15.432	CC, ES	
SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)	11,639.7	11,600.7	879.2	748.2	6.713	SF	
SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)	1,200.0	1,200.0	20.0	14.9	3.876	CC, ES	
SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)	6,950.0	6,943.5	246.3	158.9	2.817	SF	
SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	1,200.0	1,200.0	40.1	34.9	7.751	CC, ES	
SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	11,639.7	11,591.7	439.5	306.6	3.306	SF	
SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	600.0	600.0	60.1	57.6	24.314	CC, ES	
SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	6,650.0	6,533.8	510.9	417.3	5.457	SF	
SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	800.0	800.0	40.1	36.7	11.887	CC, ES	
SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	11,600.0	11,664.0	439.9	304.6	3.251	SF	
SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	1,000.0	1,000.0	20.0	15.8	4.693	CC, ES	
SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	6,900.0	6,836.0	132.8	42.2	1.466	Level 3, SF	
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	200.0	200.0	100.2	99.5	148.583	CC, ES	
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	6,600.0	6,394.4	859.3	767.1	9.312	SF	
SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	400.0	400.0	80.2	78.6	50.943	CC, ES	
SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	11,639.7	11,722.9	884.7	748.1	6.476	SF	

Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1													Offset Site Error: 0.0 ft	
Survey Program: 48-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
1,500.0	1,499.5	1,646.2	1,635.5	3.2	4.6	-40.37	-455.5	892.8	998.9	992.1	6.79	147.096		
1,600.0	1,598.7	1,739.4	1,727.9	3.4	4.9	-41.10	-450.1	881.7	976.6	969.4	7.18	135.990		
1,700.0	1,697.5	1,833.0	1,820.8	3.6	5.1	-42.05	-444.9	871.3	952.4	944.8	7.59	125.495		
1,800.0	1,795.6	1,931.8	1,918.7	3.9	5.4	-43.32	-438.5	860.3	925.6	917.6	8.04	115.198		
1,900.0	1,893.1	2,018.8	2,005.1	4.2	5.7	-44.73	-432.7	851.0	896.9	888.4	8.50	105.582		
2,000.0	1,989.6	2,112.6	2,098.2	4.6	6.0	-46.49	-426.8	841.4	866.8	857.7	9.02	96.040		
2,100.0	2,085.3	2,207.8	2,192.6	5.1	6.2	-48.63	-420.3	831.4	834.4	824.8	9.63	86.616		
2,200.0	2,179.8	2,298.2	2,282.4	5.6	6.5	-51.07	-414.0	821.8	800.4	790.1	10.32	77.533		
2,300.0	2,273.2	2,389.1	2,372.5	6.2	6.8	-53.92	-407.7	812.0	765.3	754.2	11.13	68.769		
2,400.0	2,365.2	2,475.1	2,457.8	6.9	7.1	-57.09	-401.8	802.6	729.4	717.3	12.04	60.563		
2,500.0	2,455.8	2,556.2	2,538.2	7.6	7.3	-60.53	-396.8	794.0	693.9	680.8	13.08	53.067		
2,600.0	2,544.9	2,640.5	2,621.9	8.4	7.6	-64.57	-391.6	785.3	659.3	645.0	14.27	46.186		
2,658.9	2,596.7	2,689.3	2,670.3	8.9	7.7	-67.19	-388.2	780.3	639.6	624.5	15.05	42.493		
2,700.0	2,632.5	2,722.2	2,703.0	9.3	7.8	-68.80	-385.9	776.9	626.4	610.8	15.60	40.160		
2,800.0	2,719.9	2,802.3	2,782.5	10.2	8.1	-72.89	-380.4	768.8	597.1	580.1	16.96	35.198		
2,900.0	2,807.2	2,883.4	2,863.0	11.1	8.3	-77.29	-375.1	760.8	572.4	554.0	18.38	31.147		
3,000.0	2,894.5	2,965.5	2,944.5	12.1	8.5	-82.02	-369.3	752.7	552.6	532.8	19.80	27.902		
3,100.0	2,981.8	3,052.7	3,031.0	13.0	8.8	-87.33	-362.7	743.4	537.9	516.6	21.25	25.315		
3,200.0	3,069.1	3,133.2	3,110.6	14.0	9.1	-92.42	-356.3	734.1	528.7	506.1	22.58	23.415		
3,283.9	3,142.3	3,198.9	3,175.8	14.8	9.3	-96.60	-351.5	727.0	526.3	502.7	23.62	22.285 CC		
3,300.0	3,156.4	3,211.7	3,188.5	14.9	9.3	-97.41	-350.6	725.6	526.4	502.6	23.81	22.111 ES		
3,400.0	3,243.7	3,292.8	3,268.9	15.9	9.6	-102.52	-344.8	717.2	530.7	505.8	24.90	21.308		
3,500.0	3,331.0	3,373.0	3,348.5	16.9	9.8	-107.49	-338.9	708.9	541.3	515.4	25.86	20.930		
3,600.0	3,418.3	3,452.0	3,426.8	17.8	10.0	-112.25	-332.7	700.7	558.1	531.4	26.67	20.923		
3,700.0	3,505.6	3,534.2	3,508.3	18.8	10.3	-116.98	-326.1	692.1	580.5	553.2	27.34	21.236		
3,800.0	3,593.0	3,617.3	3,590.7	19.8	10.6	-121.48	-319.7	683.3	607.5	579.6	27.86	21.804		

COMPASS 2003.21 Build 46

Offset Design												Offset Site Error:	
Survey Program: 48-MWD												Offset Well Error:	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)		Separation Factor
3,900.0	3,680.3	3,700.4	3,673.1	20.8	10.8	-125.67	-313.6	674.5	638.5	610.2	28.27	22.582	
4,000.0	3,767.6	3,783.0	3,755.1	21.8	11.1	-129.50	-307.8	665.7	672.9	644.3	28.60	23.531	
4,100.0	3,854.9	3,864.6	3,836.0	22.7	11.3	-132.96	-302.3	657.5	710.2	681.3	28.86	24.604	
4,200.0	3,942.2	3,939.8	3,910.7	23.7	11.5	-135.87	-297.0	650.3	750.5	721.4	29.13	25.764	
4,300.0	4,029.5	4,018.1	3,988.4	24.7	11.8	-138.64	-291.0	643.1	793.6	764.3	29.35	27.036	
4,400.0	4,116.8	4,099.5	4,069.2	25.7	12.0	-141.32	-284.5	635.2	838.6	809.1	29.54	28.392	
4,500.0	4,204.1	4,183.4	4,152.4	26.7	12.3	-143.85	-277.9	626.7	885.0	855.3	29.70	29.801	
4,600.0	4,291.4	4,268.7	4,237.0	27.7	12.5	-146.20	-271.5	618.0	932.5	902.7	29.85	31.238	
4,700.0	4,378.8	4,356.4	4,324.1	28.7	12.8	-148.35	-265.5	609.6	980.7	950.7	30.01	32.678	
8,600.0	6,900.0	6,836.0	6,784.7	37.4	20.3	-81.09	-111.1	346.9	946.4	895.8	50.69	18.672	
8,700.0	6,900.0	6,842.6	6,791.3	37.1	20.3	-81.58	-110.7	346.2	892.0	841.2	50.80	17.558	
8,800.0	6,900.0	6,849.2	6,797.8	36.9	20.3	-82.07	-110.2	345.5	845.8	794.8	51.02	16.578	
8,900.0	6,900.0	6,855.7	6,804.3	36.8	20.3	-82.55	-109.8	344.8	809.3	758.0	51.34	15.764	
9,000.0	6,900.0	6,862.2	6,810.7	36.8	20.3	-83.03	-109.4	344.1	784.0	732.2	51.76	15.146	
9,100.0	6,900.0	6,868.6	6,817.0	36.9	20.4	-83.51	-108.9	343.4	770.8	718.5	52.28	14.742	
9,153.0	6,900.0	6,872.0	6,820.4	37.0	20.4	-83.76	-108.7	343.0	769.0	716.3	52.61	14.616	
9,200.0	6,900.0	6,874.9	6,823.3	37.2	20.4	-83.98	-108.5	342.7	770.4	717.5	52.90	14.563 SF	
9,300.0	6,900.0	6,881.2	6,829.6	37.6	20.4	-84.45	-108.1	342.0	782.8	729.2	53.61	14.603	
9,400.0	6,900.0	6,887.5	6,835.8	38.1	20.4	-84.91	-107.7	341.3	807.5	753.1	54.40	14.844	
9,500.0	6,900.0	6,893.7	6,842.0	38.7	20.4	-85.37	-107.3	340.6	843.3	788.1	55.27	15.258	
9,600.0	6,900.0	6,899.8	6,848.1	39.5	20.4	-85.83	-106.9	339.9	889.0	832.8	56.22	15.812	
9,700.0	6,900.0	6,905.9	6,854.1	40.4	20.5	-86.28	-106.5	339.3	943.0	885.8	57.24	16.474	
9,768.9	6,900.0	6,910.1	6,858.3	41.1	20.5	-86.59	-106.2	338.8	984.4	926.5	57.98	16.978	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 108-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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
2,300.0	2,273.2	2,289.4	2,276.8	6.2	5.6	-36.61	-704.5	920.0	981.0	970.3	10.66	91.992	
2,400.0	2,365.2	2,379.6	2,365.6	6.9	5.9	-37.36	-718.0	912.1	949.1	937.8	11.35	83.588	
2,500.0	2,455.8	2,472.3	2,456.9	7.6	6.2	-38.32	-732.3	904.2	915.1	903.0	12.11	75.552	
2,600.0	2,544.9	2,570.1	2,553.3	8.4	6.5	-39.61	-746.7	895.8	878.3	865.4	12.96	67.767	
2,658.9	2,596.7	2,622.4	2,604.9	8.9	6.7	-40.48	-754.1	891.3	855.4	841.9	13.48	63.456	
2,700.0	2,632.5	2,658.8	2,640.7	9.3	6.8	-40.90	-759.3	888.2	839.3	825.4	13.88	60.481	
2,800.0	2,719.9	2,749.4	2,730.1	10.2	7.1	-41.99	-772.5	880.5	800.2	785.3	14.89	53.746	
2,900.0	2,807.2	2,842.1	2,821.3	11.1	7.5	-43.21	-786.0	872.5	761.3	745.3	15.96	47.711	
3,000.0	2,894.5	2,936.7	2,914.7	12.1	7.8	-44.67	-798.9	864.4	722.3	705.3	17.07	42.322	
3,100.0	2,981.8	3,032.5	3,009.4	13.0	8.1	-46.40	-810.7	856.1	683.3	665.0	18.23	37.479	
3,200.0	3,069.1	3,125.1	3,101.0	14.0	8.4	-48.31	-821.7	847.4	644.0	624.6	19.44	33.130	
3,300.0	3,156.4	3,210.0	3,184.8	14.9	8.7	-50.21	-832.1	839.3	605.4	584.8	20.67	29.294	
3,400.0	3,243.7	3,298.0	3,271.8	15.9	9.0	-52.43	-843.1	831.4	568.1	546.2	21.96	25.869	
3,500.0	3,331.0	3,384.4	3,357.3	16.9	9.2	-54.96	-853.5	824.6	532.7	509.4	23.30	22.859	
3,600.0	3,418.3	3,474.1	3,446.1	17.8	9.5	-57.93	-864.2	818.0	498.8	474.1	24.72	20.179	
3,700.0	3,505.6	3,574.1	3,544.9	18.8	9.9	-61.55	-877.1	809.4	465.5	439.2	26.27	17.719	
3,800.0	3,593.0	3,666.0	3,635.4	19.8	10.2	-65.18	-890.2	800.0	432.5	404.7	27.80	15.556	
3,900.0	3,680.3	3,755.2	3,723.2	20.8	10.5	-69.18	-903.1	790.9	401.5	372.1	29.33	13.687	
4,000.0	3,767.6	3,843.4	3,810.0	21.8	10.8	-73.70	-915.7	782.4	373.2	342.4	30.84	12.104	
4,100.0	3,854.9	3,932.1	3,897.5	22.7	11.1	-78.87	-928.3	774.3	348.5	316.2	32.27	10.797	
4,200.0	3,942.2	4,020.5	3,984.7	23.7	11.4	-84.62	-940.7	766.7	327.8	294.2	33.57	9.765	
4,300.0	4,029.5	4,108.0	4,071.1	24.7	11.7	-90.96	-952.2	759.7	312.4	277.7	34.65	9.016	
4,400.0	4,116.8	4,197.4	4,159.6	25.7	12.0	-97.91	-963.6	753.1	302.8	267.4	35.42	8.547	
4,500.0	4,204.1	4,289.7	4,250.8	26.7	12.3	-105.28	-975.6	746.6	299.0	263.2	35.84	8.343	
4,525.9	4,226.8	4,314.1	4,274.9	27.0	12.4	-107.24	-978.9	744.8	298.8	263.0	35.88	8.329 CC, ES, SF	
4,600.0	4,291.4	4,383.3	4,343.3	27.7	12.7	-112.77	-988.5	739.4	300.2	264.3	35.87	8.368	
4,700.0	4,378.8	4,474.2	4,433.0	28.7	13.0	-119.91	-1,001.2	732.0	306.7	271.1	35.61	8.614	
4,800.0	4,466.1	4,570.4	4,527.8	29.7	13.3	-127.14	-1,015.0	723.6	318.1	283.1	35.03	9.081	
4,900.0	4,553.4	4,662.8	4,618.6	30.7	13.7	-133.68	-1,029.4	714.4	332.9	298.6	34.36	9.690	
5,000.0	4,640.7	4,748.0	4,702.4	31.7	14.0	-139.19	-1,042.3	706.1	352.7	318.9	33.78	10.443	
5,100.0	4,728.0	4,837.5	4,790.7	32.7	14.3	-144.40	-1,055.0	697.9	377.0	343.8	33.18	11.363	
5,200.0	4,815.3	4,927.9	4,879.8	33.6	14.6	-149.03	-1,067.3	689.8	404.8	372.2	32.68	12.387	
5,300.0	4,902.6	5,020.5	4,971.1	34.6	14.9	-153.19	-1,080.4	681.6	434.7	402.3	32.31	13.454	
5,400.0	4,989.9	5,109.3	5,058.7	35.6	15.2	-156.72	-1,092.9	673.5	466.4	434.3	32.11	14.527	
5,500.0	5,077.2	5,198.4	5,146.5	36.6	15.6	-159.88	-1,105.1	665.1	500.1	468.1	32.03	15.614	
5,600.0	5,164.6	5,285.1	5,232.0	37.6	15.9	-162.62	-1,116.8	656.6	535.4	503.3	32.09	16.686	
5,700.0	5,251.9	5,365.7	5,311.6	38.6	16.1	-164.86	-1,126.6	648.8	572.9	540.7	32.28	17.751	
5,800.0	5,339.2	5,460.1	5,405.1	39.6	16.4	-167.10	-1,137.2	640.4	612.1	579.5	32.53	18.814	
5,900.0	5,426.5	5,558.8	5,502.8	40.6	16.8	-168.99	-1,149.4	633.7	650.4	617.5	32.90	19.767	
6,000.0	5,513.8	5,653.0	5,596.0	41.6	17.1	-170.55	-1,161.7	627.8	688.5	655.1	33.34	20.648	
6,100.0	5,601.1	5,747.1	5,689.0	42.6	17.4	-171.99	-1,174.4	621.5	726.5	692.7	33.84	21.470	
6,200.0	5,688.4	5,835.1	5,775.9	43.6	17.7	-173.26	-1,186.7	615.0	764.9	730.5	34.37	22.252	
6,300.0	5,775.7	5,923.1	5,862.8	44.6	18.0	-174.45	-1,198.5	607.9	804.1	769.1	34.95	23.010	
6,400.0	5,863.0	6,023.4	5,961.7	45.6	18.4	-175.74	-1,212.8	599.3	843.1	807.5	35.58	23.693	
6,429.4	5,888.7	6,054.3	5,992.1	45.9	18.5	-176.12	-1,217.4	596.6	854.4	818.6	35.79	23.875	
6,450.0	5,906.8	6,076.4	6,013.9	46.1	18.6	-174.75	-1,220.9	594.7	862.0	825.9	36.13	23.859	
6,500.0	5,951.8	6,131.0	6,067.6	46.4	18.8	-170.85	-1,229.8	589.9	878.1	841.2	36.86	23.823	
6,550.0	5,997.9	6,180.4	6,116.0	46.7	19.0	-165.68	-1,238.2	585.5	890.8	853.4	37.44	23.796	
6,600.0	6,045.1	6,223.4	6,158.2	46.9	19.1	-158.57	-1,245.5	581.7	900.7	862.9	37.86	23.791	
6,650.0	6,093.0	6,266.4	6,200.5	47.2	19.3	-148.80	-1,252.5	577.8	907.9	869.8	38.16	23.791	
6,700.0	6,141.4	6,309.5	6,242.8	47.3	19.5	-135.67	-1,259.4	573.7	912.4	874.0	38.36	23.784	
6,750.0	6,190.1	6,352.2	6,284.8	47.4	19.6	-119.58	-1,266.1	569.5	914.2	875.7	38.49	23.754	

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 14-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 108-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (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
6,800.0	6,238.9	6,394.4	6,326.3	47.5	19.8	-102.94	-1,272.6	565.1	913.4	874.9	38.57	23.681	
6,850.0	6,287.5	6,437.4	6,368.5	47.6	19.9	-88.78	-1,279.1	560.4	910.1	871.5	38.67	23.533	
6,900.0	6,335.7	6,481.1	6,411.5	47.5	20.1	-78.39	-1,285.6	555.6	904.3	865.4	38.86	23.271	
6,950.0	6,383.2	6,523.9	6,453.5	47.5	20.3	-71.36	-1,291.9	551.0	896.0	856.8	39.17	22.875	
7,000.0	6,429.8	6,564.7	6,493.7	47.4	20.4	-66.84	-1,297.8	546.6	885.5	845.8	39.65	22.329	
7,050.0	6,475.3	6,603.4	6,531.7	47.2	20.6	-64.13	-1,303.4	542.3	872.8	832.5	40.35	21.629	
7,100.0	6,519.5	6,640.5	6,568.2	47.1	20.7	-62.76	-1,308.6	538.2	858.3	817.0	41.31	20.778	
7,150.0	6,562.1	6,676.2	6,603.3	46.9	20.8	-62.41	-1,313.6	534.1	842.2	799.7	42.54	19.799	
7,200.0	6,603.0	6,712.6	6,639.1	46.6	21.0	-62.99	-1,318.7	529.9	824.6	780.5	44.09	18.700	
7,250.0	6,641.9	6,746.6	6,672.5	46.3	21.1	-64.18	-1,323.5	526.0	805.7	759.9	45.84	17.576	
7,300.0	6,678.7	6,777.9	6,703.3	46.0	21.2	-65.86	-1,328.0	522.5	785.9	738.2	47.69	16.478	
7,350.0	6,713.1	6,806.2	6,731.1	45.7	21.3	-67.89	-1,332.1	519.2	765.5	715.9	49.55	15.450	
7,400.0	6,745.1	6,830.9	6,755.4	45.4	21.4	-70.09	-1,335.6	516.4	744.9	693.6	51.28	14.525	
7,450.0	6,774.3	6,853.0	6,777.2	45.0	21.5	-72.44	-1,338.7	514.0	724.4	671.5	52.86	13.703	
7,500.0	6,800.8	6,872.4	6,796.3	44.6	21.6	-74.81	-1,341.4	511.8	704.5	650.3	54.23	12.991	
7,550.0	6,824.4	6,889.0	6,812.6	44.2	21.6	-77.09	-1,343.6	510.0	685.6	630.2	55.33	12.389	
7,600.0	6,844.9	6,902.6	6,826.0	43.8	21.7	-79.19	-1,345.5	508.5	668.0	611.8	56.17	11.892	
7,650.0	6,862.3	6,913.1	6,836.3	43.4	21.7	-81.01	-1,346.9	507.4	652.1	595.4	56.74	11.492	
7,700.0	6,876.5	6,920.4	6,843.6	43.0	21.7	-82.48	-1,347.8	506.6	638.4	581.3	57.09	11.182	
7,750.0	6,887.4	6,924.5	6,847.6	42.7	21.8	-83.53	-1,348.4	506.1	627.0	569.8	57.25	10.953	
7,800.0	6,894.9	6,925.3	6,848.3	42.3	21.8	-84.13	-1,348.5	506.0	618.4	561.1	57.27	10.798	
7,850.0	6,899.1	6,922.6	6,845.7	41.9	21.7	-84.26	-1,348.1	506.3	612.6	555.4	57.18	10.712	
7,886.2	6,900.0	6,918.6	6,841.8	41.6	21.7	-84.04	-1,347.6	506.8	610.2	553.1	57.08	10.691	
7,900.0	6,900.0	6,916.7	6,839.9	41.5	21.7	-83.87	-1,347.4	507.0	609.7	552.8	56.95	10.707	
7,913.8	6,900.0	6,914.8	6,838.0	41.4	21.7	-83.69	-1,347.1	507.2	609.6	552.8	56.83	10.727	
8,000.0	6,900.0	6,902.9	6,826.3	40.7	21.7	-82.58	-1,345.5	508.5	615.5	559.5	56.04	10.984	
8,100.0	6,900.0	6,888.8	6,812.4	40.0	21.6	-81.27	-1,343.6	510.0	636.9	581.7	55.19	11.540	
8,200.0	6,900.0	6,874.4	6,798.2	39.4	21.6	-79.94	-1,341.6	511.6	672.3	617.9	54.40	12.357	
8,300.0	6,900.0	6,859.7	6,783.8	38.8	21.5	-78.58	-1,339.6	513.2	719.7	666.0	53.69	13.405	
8,400.0	6,900.0	6,844.8	6,769.1	38.3	21.5	-77.20	-1,337.5	514.9	776.8	723.8	53.04	14.645	
8,500.0	6,900.0	6,829.5	6,754.0	37.8	21.4	-75.79	-1,335.4	516.6	841.7	789.3	52.48	16.041	
8,600.0	6,900.0	6,813.8	6,738.6	37.4	21.3	-74.37	-1,333.2	518.4	912.8	860.8	51.99	17.558	
8,700.0	6,900.0	6,798.1	6,723.2	37.1	21.3	-72.95	-1,330.9	520.1	988.7	937.1	51.59	19.164	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 23-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 48-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,500.0	6,900.0	6,887.4	6,832.1	37.8	20.5	83.35	-59.8	1,723.5	932.1	879.6	52.51	17.750	
8,600.0	6,900.0	6,891.9	6,836.6	37.4	20.5	83.76	-59.6	1,723.8	860.0	807.6	52.47	16.392	
8,700.0	6,900.0	6,896.4	6,841.1	37.1	20.5	84.18	-59.4	1,724.1	794.0	741.5	52.52	15.119	
8,800.0	6,900.0	6,901.0	6,845.7	36.9	20.5	84.60	-59.2	1,724.4	735.7	683.1	52.67	13.968	
8,900.0	6,900.0	6,905.6	6,850.3	36.8	20.5	85.03	-59.0	1,724.7	687.0	634.1	52.92	12.983	
9,000.0	6,900.0	6,910.2	6,854.9	36.8	20.5	85.46	-58.7	1,725.0	650.2	596.9	53.27	12.206	
9,100.0	6,900.0	6,914.9	6,859.6	36.9	20.6	85.89	-58.5	1,725.3	627.2	573.5	53.71	11.678	
9,197.1	6,900.0	6,919.5	6,864.2	37.2	20.6	86.32	-58.3	1,725.6	619.7	565.4	54.22	11.428 CC	
9,200.0	6,900.0	6,919.7	6,864.3	37.2	20.6	86.33	-58.3	1,725.6	619.7	565.4	54.24	11.425 ES, SF	
9,300.0	6,900.0	6,924.5	6,869.1	37.6	20.6	86.77	-58.1	1,725.9	628.1	573.3	54.86	11.450	
9,400.0	6,900.0	6,929.3	6,873.9	38.1	20.6	87.22	-57.8	1,726.2	652.0	596.4	55.56	11.735	
9,500.0	6,900.0	6,934.5	6,879.0	38.7	20.6	87.69	-57.6	1,726.5	689.6	633.3	56.34	12.240	
9,600.0	6,900.0	6,939.5	6,884.1	39.5	20.6	88.16	-57.3	1,726.8	738.9	681.7	57.19	12.920	
9,700.0	6,900.0	6,944.4	6,889.0	40.4	20.6	88.61	-57.1	1,727.1	797.7	739.6	58.11	13.726	
9,768.9	6,900.0	6,947.8	6,892.3	41.1	20.6	88.92	-56.9	1,727.3	842.8	784.0	58.79	14.335	
9,800.0	6,900.0	6,949.2	6,893.8	41.4	20.6	89.04	-56.9	1,727.4	864.3	805.3	58.97	14.656	
9,900.0	6,900.0	6,953.7	6,898.2	42.2	20.6	89.42	-56.7	1,727.7	939.4	880.0	59.37	15.822	
9,959.0	6,900.0	6,956.1	6,900.7	42.7	20.7	89.65	-56.6	1,727.8	987.2	927.6	59.60	16.563	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 250-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
3,500.0	3,331.0	3,266.9	3,238.6	16.9	9.1	-58.86	-849.0	1,284.6	986.7	963.3	23.38	42.204		
3,600.0	3,418.3	3,356.1	3,326.8	17.8	9.4	-60.55	-859.8	1,291.9	970.0	945.3	24.75	39.191		
3,700.0	3,505.6	3,447.3	3,416.9	18.8	9.8	-62.33	-871.2	1,299.6	954.7	928.6	26.18	36.467		
3,800.0	3,593.0	3,539.8	3,508.4	19.8	10.1	-64.14	-883.3	1,307.6	940.7	913.0	27.65	34.019		
3,900.0	3,680.3	3,629.9	3,597.1	20.8	10.4	-65.88	-896.3	1,315.4	927.9	898.7	29.13	31.855		
4,000.0	3,767.6	3,715.3	3,681.2	21.8	10.8	-67.54	-909.1	1,323.5	916.8	886.2	30.59	29.967		
4,100.0	3,854.9	3,815.4	3,779.7	22.7	11.1	-69.52	-924.2	1,333.3	907.1	874.9	32.16	28.209		
4,200.0	3,942.2	3,911.4	3,874.2	23.7	11.5	-71.48	-938.1	1,342.1	897.9	864.2	33.68	26.655		
4,300.0	4,029.5	4,002.0	3,963.6	24.7	11.8	-73.43	-950.3	1,350.4	890.0	854.8	35.18	25.294		
4,400.0	4,116.8	4,087.2	4,047.7	25.7	12.0	-75.31	-961.3	1,358.8	884.0	847.4	36.66	24.118		
4,500.0	4,204.1	4,179.6	4,138.7	26.7	12.4	-77.35	-973.2	1,368.6	880.1	841.9	38.18	23.050		
4,600.0	4,291.4	4,278.5	4,236.2	27.7	12.7	-79.52	-986.8	1,379.1	877.3	837.5	39.73	22.080		
4,700.0	4,378.8	4,382.2	4,338.4	28.7	13.1	-81.81	-1,000.9	1,389.0	874.8	833.5	41.29	21.190		
4,800.0	4,466.1	4,483.7	4,438.6	29.7	13.5	-84.06	-1,015.3	1,397.8	872.8	830.0	42.79	20.396		
4,883.4	4,538.9	4,555.8	4,509.6	30.5	13.7	-85.65	-1,025.7	1,404.1	872.0	828.0	43.97	19.832		
4,900.0	4,553.4	4,569.9	4,523.4	30.7	13.8	-85.96	-1,027.7	1,405.4	872.0	827.8	44.20	19.729		
5,000.0	4,640.7	4,654.2	4,606.5	31.7	14.1	-87.81	-1,039.5	1,413.6	873.6	828.0	45.58	19.168		
5,100.0	4,728.0	4,738.3	4,689.3	32.7	14.4	-89.64	-1,051.1	1,422.8	877.5	830.6	46.92	18.701		
5,200.0	4,815.3	4,843.1	4,792.6	33.6	14.8	-91.93	-1,065.1	1,434.2	882.8	834.5	48.30	18.276		
5,300.0	4,902.6	4,940.8	4,889.0	34.6	15.1	-94.11	-1,077.6	1,443.3	888.3	838.7	49.60	17.910		
5,400.0	4,989.9	5,033.2	4,980.2	35.6	15.4	-96.13	-1,089.6	1,452.0	895.1	844.3	50.83	17.610		
5,500.0	5,077.2	5,121.9	5,067.9	36.6	15.7	-98.07	-1,100.6	1,460.4	903.6	851.6	52.00	17.376		
5,600.0	5,164.6	5,213.6	5,158.5	37.6	16.0	-100.07	-1,111.3	1,469.1	913.7	860.6	53.11	17.205		
5,700.0	5,251.9	5,309.8	5,253.7	38.6	16.3	-102.14	-1,122.4	1,478.2	925.1	871.0	54.16	17.081		
5,800.0	5,339.2	5,407.9	5,350.8	39.6	16.7	-104.22	-1,133.8	1,486.6	937.2	882.1	55.16	16.992		
5,900.0	5,426.5	5,496.7	5,438.6	40.6	17.0	-106.06	-1,144.0	1,494.4	950.6	894.5	56.10	16.944		
6,000.0	5,513.8	5,581.5	5,522.4	41.6	17.2	-107.75	-1,153.8	1,502.5	965.7	908.7	57.03	16.934		
6,100.0	5,601.1	5,669.2	5,609.0	42.6	17.6	-109.37	-1,164.2	1,512.4	982.8	924.9	57.94	16.962		
6,950.0	6,383.2	6,505.0	6,433.5	47.5	20.5	-2.02	-1,275.5	1,590.6	985.7	926.9	58.81	16.760		
7,000.0	6,429.8	6,548.1	6,476.1	47.4	20.6	5.84	-1,281.0	1,594.6	965.6	907.2	58.39	16.537		
7,050.0	6,475.3	6,592.8	6,520.3	47.2	20.8	12.47	-1,286.7	1,598.7	943.1	885.0	58.05	16.246		
7,100.0	6,519.5	6,635.6	6,562.5	47.1	20.9	18.41	-1,292.2	1,602.8	918.4	860.6	57.81	15.886		
7,150.0	6,562.1	6,676.5	6,602.7	46.9	21.1	24.00	-1,297.7	1,606.8	891.8	834.1	57.71	15.453		
7,200.0	6,603.0	6,716.4	6,642.1	46.6	21.2	29.55	-1,303.1	1,610.6	863.3	805.6	57.77	14.943		
7,250.0	6,641.9	6,753.8	6,679.0	46.3	21.4	35.17	-1,308.1	1,614.1	833.4	775.4	57.99	14.371		
7,300.0	6,678.7	6,788.4	6,713.1	46.0	21.5	40.96	-1,312.8	1,617.2	802.3	744.0	58.33	13.754		
7,350.0	6,713.1	6,818.7	6,743.1	45.7	21.6	46.82	-1,317.0	1,619.8	770.4	711.7	58.70	13.123		
7,400.0	6,745.1	6,845.5	6,769.6	45.4	21.7	52.73	-1,320.6	1,622.1	738.2	679.1	59.05	12.501		
7,450.0	6,774.3	6,869.5	6,793.3	45.0	21.8	58.61	-1,323.8	1,624.1	706.1	646.8	59.30	11.908		
7,500.0	6,800.8	6,890.6	6,814.1	44.6	21.8	64.28	-1,326.6	1,625.9	674.6	615.2	59.39	11.359		
7,550.0	6,824.4	6,908.5	6,831.8	44.2	21.9	69.56	-1,328.9	1,627.4	644.4	585.1	59.31	10.864		
7,600.0	6,844.9	6,923.3	6,846.4	43.8	21.9	74.27	-1,330.8	1,628.6	615.9	556.9	59.09	10.424		
7,650.0	6,862.3	6,935.1	6,858.1	43.4	22.0	78.32	-1,332.4	1,629.5	590.0	531.2	58.78	10.037		
7,700.0	6,876.5	6,943.7	6,866.5	43.0	22.0	81.58	-1,333.5	1,630.2	567.1	508.7	58.45	9.702		
7,750.0	6,887.4	6,948.7	6,871.5	42.7	22.0	83.97	-1,334.1	1,630.6	548.1	489.9	58.16	9.423		
7,800.0	6,894.9	6,950.0	6,872.7	42.3	22.0	85.47	-1,334.3	1,630.7	533.4	475.5	57.95	9.205		
7,850.0	6,899.1	6,947.6	6,870.4	41.9	22.0	86.07	-1,334.0	1,630.5	523.6	465.8	57.79	9.060		
7,886.2	6,900.0	6,943.5	6,866.4	41.6	22.0	85.95	-1,333.4	1,630.2	519.7	462.0	57.70	9.007 SF		
7,900.0	6,900.0	6,941.6	6,864.5	41.5	22.0	85.74	-1,333.2	1,630.1	518.9	461.3	57.61	9.008		
7,923.0	6,900.0	6,938.4	6,861.3	41.3	22.0	85.39	-1,332.8	1,629.8	518.4	461.0	57.45	9.024 CC, ES		
8,000.0	6,900.0	6,927.8	6,850.8	40.7	22.0	84.22	-1,331.4	1,628.9	524.0	467.1	56.91	9.208		
8,100.0	6,900.0	6,914.4	6,837.6	40.0	21.9	82.75	-1,329.7	1,627.8	547.3	491.0	56.29	9.723		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 24-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 250-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,200.0	6,900.0	6,900.8	6,824.2	39.4	21.9	81.28	-1,327.9	1,626.7	586.6	530.9	55.75	10.523	
8,300.0	6,900.0	6,887.1	6,810.6	38.8	21.8	79.79	-1,326.1	1,625.6	639.1	583.8	55.29	11.557	
8,400.0	6,900.0	6,873.3	6,796.9	38.3	21.8	78.29	-1,324.3	1,624.4	701.6	646.7	54.92	12.775	
8,500.0	6,900.0	6,859.2	6,783.1	37.8	21.7	76.78	-1,322.4	1,623.3	771.9	717.2	54.64	14.126	
8,600.0	6,900.0	6,845.1	6,769.1	37.4	21.7	75.26	-1,320.5	1,622.1	847.9	793.4	54.44	15.573	
8,700.0	6,900.0	6,830.7	6,755.0	37.1	21.6	73.75	-1,318.6	1,620.8	928.2	873.9	54.34	17.083	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	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	
2,400.0	2,365.2	2,385.7	2,385.6	6.9	5.0	-49.07	-560.8	1,020.2	979.0	968.1	10.96	89.355	
2,500.0	2,455.8	2,477.9	2,477.7	7.6	5.2	-51.37	-561.2	1,018.3	948.7	936.9	11.79	80.440	
2,600.0	2,544.9	2,568.3	2,568.1	8.4	5.4	-53.95	-561.6	1,016.3	917.1	904.4	12.74	72.009	
2,658.9	2,596.7	2,620.8	2,620.6	8.9	5.5	-55.61	-561.9	1,015.1	898.1	884.8	13.34	67.301	
2,700.0	2,632.5	2,657.1	2,656.9	9.3	5.6	-56.59	-562.0	1,014.2	884.9	871.1	13.79	64.174	
2,800.0	2,719.9	2,745.5	2,745.2	10.2	5.8	-59.07	-562.3	1,012.0	853.9	839.0	14.91	57.258	
2,900.0	2,807.2	2,833.7	2,833.4	11.1	6.0	-61.69	-562.6	1,009.6	824.5	808.5	16.09	51.246	
3,000.0	2,894.5	2,921.9	2,921.5	12.1	6.2	-64.48	-562.8	1,007.1	797.0	779.7	17.31	46.038	
3,100.0	2,981.8	3,009.9	3,009.5	13.0	6.4	-67.41	-563.1	1,004.4	771.6	753.0	18.57	41.544	
3,200.0	3,069.1	3,095.0	3,094.6	14.0	6.5	-70.40	-563.3	1,001.8	748.6	728.7	19.85	37.720	
3,300.0	3,156.4	3,179.3	3,178.9	14.9	6.7	-73.47	-563.6	999.5	728.5	707.4	21.13	34.479	
3,400.0	3,243.7	3,264.0	3,263.5	15.9	6.9	-76.67	-564.2	997.6	711.6	689.2	22.42	31.741	
3,500.0	3,331.0	3,349.0	3,348.5	16.9	7.1	-79.97	-564.9	995.9	698.0	674.3	23.70	29.449	
3,600.0	3,418.3	3,434.3	3,433.8	17.8	7.3	-83.35	-565.9	994.6	687.9	662.9	24.96	27.554	
3,700.0	3,505.6	3,520.5	3,520.0	18.8	7.4	-86.81	-567.0	993.5	681.3	655.1	26.20	26.009	
3,800.0	3,593.0	3,609.3	3,608.8	19.8	7.6	-90.41	-568.1	992.4	678.1	650.7	27.38	24.765	
3,848.3	3,635.1	3,652.1	3,651.6	20.3	7.7	-92.16	-568.6	991.8	677.7	649.8	27.93	24.263	
3,900.0	3,680.3	3,697.9	3,697.4	20.8	7.8	-94.04	-569.1	991.1	678.2	649.6	28.50	23.792	
4,000.0	3,767.6	3,786.2	3,785.7	21.8	8.0	-97.66	-569.9	989.5	681.5	652.0	29.55	23.064	
4,100.0	3,854.9	3,874.3	3,873.7	22.7	8.2	-101.25	-570.6	987.7	688.3	657.8	30.51	22.557	
4,200.0	3,942.2	3,962.1	3,961.5	23.7	8.4	-104.77	-571.1	985.7	698.3	666.9	31.39	22.246	
4,300.0	4,029.5	4,049.9	4,049.2	24.7	8.6	-108.22	-571.5	983.5	711.5	679.3	32.18	22.109	
4,400.0	4,116.8	4,137.9	4,137.2	25.7	8.8	-111.57	-572.0	981.2	727.7	694.8	32.89	22.125	
4,500.0	4,204.1	4,226.1	4,225.4	26.7	8.9	-114.80	-572.7	978.8	746.7	713.1	33.52	22.276	
4,600.0	4,291.4	4,314.3	4,313.6	27.7	9.1	-117.89	-573.4	976.4	768.2	734.1	34.07	22.544	
4,700.0	4,378.8	4,402.7	4,402.0	28.7	9.3	-120.83	-574.3	974.0	792.0	757.5	34.57	22.914	
4,800.0	4,466.1	4,491.2	4,490.4	29.7	9.5	-123.63	-575.4	971.5	818.0	783.0	35.00	23.370	
4,900.0	4,553.4	4,578.2	4,577.4	30.7	9.7	-126.23	-576.5	969.1	845.9	810.5	35.40	23.898	
5,000.0	4,640.7	4,664.0	4,663.1	31.7	9.9	-128.63	-577.7	967.1	875.7	840.0	35.76	24.488	
5,100.0	4,728.0	4,749.9	4,749.0	32.7	10.1	-130.88	-578.8	965.4	907.3	871.2	36.10	25.132	
5,200.0	4,815.3	4,836.0	4,835.1	33.6	10.3	-132.98	-580.0	964.1	940.5	904.1	36.43	25.819	
5,300.0	4,902.6	4,922.4	4,921.4	34.6	10.4	-134.94	-581.1	963.3	975.0	938.3	36.74	26.538	
7,700.0	6,876.5	6,885.4	6,884.3	43.0	14.5	-41.17	-598.9	955.0	969.5	937.3	32.20	30.105	
7,750.0	6,887.4	6,896.0	6,895.0	42.7	14.6	-49.38	-598.9	954.9	921.7	883.9	37.88	24.331	
7,800.0	6,894.9	6,903.3	6,902.2	42.3	14.6	-61.19	-599.0	954.9	873.3	828.9	44.42	19.662	
7,850.0	6,899.1	6,907.2	6,906.2	41.9	14.6	-77.32	-599.0	954.9	824.5	774.4	50.13	16.446	
7,886.2	6,900.0	6,907.9	6,906.9	41.6	14.6	-91.06	-599.0	954.9	789.1	737.1	51.97	15.184	
7,900.0	6,900.0	6,907.8	6,906.8	41.5	14.6	-91.04	-599.0	954.9	775.5	723.6	51.87	14.951	
8,000.0	6,900.0	6,907.4	6,906.3	40.7	14.6	-90.86	-599.0	954.9	677.8	626.6	51.20	13.239	
8,100.0	6,900.0	6,906.9	6,905.9	40.0	14.6	-90.69	-599.0	954.9	580.9	530.3	50.61	11.477	
8,200.0	6,900.0	6,906.4	6,905.4	39.4	14.6	-90.51	-599.0	954.9	485.3	435.1	50.12	9.681	
8,300.0	6,900.0	6,906.0	6,904.9	38.8	14.6	-90.34	-599.0	954.9	391.8	342.0	49.73	7.878	
8,400.0	6,900.0	6,905.5	6,904.4	38.3	14.6	-90.16	-599.0	954.9	302.5	253.1	49.44	6.119	
8,500.0	6,900.0	6,905.0	6,904.0	37.8	14.6	-89.99	-599.0	954.9	222.5	173.3	49.24	4.519	
8,600.0	6,900.0	6,904.5	6,903.5	37.4	14.6	-89.81	-599.0	954.9	166.0	116.8	49.16	3.376	
8,659.9	6,900.0	6,904.3	6,903.2	37.3	14.6	-89.71	-599.0	954.9	154.8	105.6	49.17	3.148 CC, ES, SF	
8,700.0	6,900.0	6,904.1	6,903.0	37.1	14.6	-89.64	-599.0	954.9	159.9	110.7	49.17	3.251	
8,800.0	6,900.0	6,903.6	6,902.5	36.9	14.6	-89.46	-599.0	954.9	208.7	159.4	49.30	4.234	
8,900.0	6,900.0	6,903.1	6,902.1	36.8	14.6	-89.29	-599.0	954.9	285.6	236.1	49.52	5.768	
9,000.0	6,900.0	6,902.6	6,901.6	36.8	14.6	-89.11	-599.0	954.9	373.6	323.8	49.85	7.495	
9,100.0	6,900.0	6,902.2	6,901.1	36.9	14.6	-88.94	-599.0	954.9	466.5	416.2	50.28	9.278	
9,200.0	6,900.0	6,901.7	6,900.7	37.2	14.6	-88.76	-599.0	954.9	561.8	511.0	50.81	11.058	

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2B (Vert.) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 48-MWD												Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance									
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
9,300.0	6,900.0	6,901.2	6,900.2	37.6	14.6	-88.58	-599.0	954.9	658.5	607.1	51.42	12.807	
9,400.0	6,900.0	6,900.7	6,899.7	38.1	14.6	-88.41	-599.0	954.9	756.1	704.0	52.12	14.506	
9,500.0	6,900.0	6,900.3	6,899.2	38.7	14.6	-88.23	-598.9	954.9	854.2	801.3	52.91	16.146	
9,600.0	6,900.0	6,899.8	6,898.8	39.5	14.6	-88.06	-598.9	954.9	952.7	899.0	53.77	17.720	

Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 2KD - Wellbore #1 - Wellbore #1													Offset Site Error: 0.0 ft	
Survey Program: 48-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							
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	
1,900.0	1,893.1	1,958.0	1,946.8	4.2	4.9	-48.18	-408.1	973.4	996.8	987.9	8.83	112.838		
2,000.0	1,989.6	2,048.5	2,036.2	4.6	5.2	-50.35	-394.0	973.5	974.7	965.2	9.44	103.219		
2,100.0	2,085.3	2,136.4	2,123.1	5.1	5.5	-52.71	-380.6	973.7	951.8	941.6	10.11	94.132		
2,200.0	2,179.8	2,221.3	2,207.0	5.6	5.7	-55.23	-367.8	974.1	928.6	917.8	10.85	85.584		
2,300.0	2,273.2	2,316.2	2,300.7	6.2	6.1	-58.34	-352.9	974.6	905.2	893.5	11.74	77.091		
2,400.0	2,365.2	2,405.1	2,388.3	6.9	6.4	-61.66	-337.5	974.6	881.7	869.0	12.73	69.279		
2,500.0	2,455.8	2,489.3	2,471.1	7.6	6.7	-65.12	-322.5	974.4	859.2	845.4	13.80	62.252		
2,600.0	2,544.9	2,568.8	2,549.4	8.4	6.9	-68.63	-308.7	974.1	838.6	823.6	14.94	56.115		
2,658.9	2,596.7	2,614.9	2,594.8	8.9	7.1	-70.75	-300.9	974.0	827.7	812.0	15.66	52.868		
2,700.0	2,632.5	2,645.5	2,625.1	9.3	7.2	-72.05	-295.8	974.0	820.8	804.7	16.15	50.813		
2,800.0	2,719.9	2,720.5	2,699.1	10.2	7.5	-75.28	-283.6	974.2	807.5	790.2	17.38	46.454		
2,900.0	2,807.2	2,800.5	2,778.0	11.1	7.7	-78.75	-270.9	974.7	799.0	780.3	18.64	42.873		
3,000.0	2,894.5	2,882.4	2,859.0	12.1	8.0	-82.28	-258.9	975.2	794.7	774.8	19.88	39.978		
3,044.8	2,933.6	2,917.4	2,893.7	12.5	8.1	-83.79	-254.0	975.5	794.2	773.8	20.42	38.897		
3,100.0	2,981.8	2,960.8	2,936.6	13.0	8.2	-85.64	-247.9	975.9	794.9	773.8	21.07	37.720		
3,200.0	3,069.1	3,042.1	3,017.2	14.0	8.5	-89.11	-236.7	976.8	799.7	777.4	22.24	35.949		
3,300.0	3,156.4	3,125.0	3,099.2	14.9	8.8	-92.63	-224.9	977.3	808.6	785.2	23.37	34.599		
3,400.0	3,243.7	3,211.8	3,185.1	15.9	9.0	-96.25	-212.7	977.3	821.3	796.9	24.44	33.605		
3,500.0	3,331.0	3,294.0	3,266.6	16.9	9.3	-99.59	-201.6	976.9	837.5	812.1	25.44	32.926		
3,600.0	3,418.3	3,371.7	3,343.6	17.8	9.5	-102.65	-191.0	976.7	857.8	831.4	26.37	32.526		
3,700.0	3,505.6	3,449.6	3,420.7	18.8	9.8	-105.62	-180.3	976.7	881.8	854.5	27.25	32.361		
3,800.0	3,593.0	3,526.9	3,497.3	19.8	10.0	-108.45	-169.5	976.9	909.3	881.2	28.07	32.395		
3,900.0	3,680.3	3,602.0	3,571.6	20.8	10.3	-111.09	-158.8	977.3	940.2	911.3	28.84	32.597		
4,000.0	3,767.6	3,677.3	3,646.0	21.8	10.5	-113.63	-147.5	977.6	974.2	944.6	29.57	32.947		
8,600.0	6,900.0	6,843.0	6,777.3	37.4	20.9	-41.71	313.7	994.3	986.7	947.4	39.24	25.144		
8,700.0	6,900.0	6,849.1	6,783.4	37.1	20.9	-43.14	314.6	994.3	988.3	948.1	40.17	22.113		
8,800.0	6,900.0	6,862.9	6,797.0	36.9	21.0	-46.67	316.4	994.2	990.0	947.9	42.18	18.732		
8,900.0	6,900.0	6,876.6	6,810.6	36.8	21.0	-50.62	318.2	994.1	992.1	947.7	44.38	15.596		
9,000.0	6,900.0	6,890.2	6,824.1	36.8	21.1	-55.05	320.0	994.0	994.0	947.7	46.76	12.713		
9,100.0	6,900.0	6,903.7	6,837.5	36.9	21.1	-59.97	321.8	993.9	997.5	948.2	49.30	10.091		
9,200.0	6,900.0	6,917.2	6,850.9	37.2	21.2	-65.40	323.6	993.9	1001.5	949.6	51.92	7.733		
9,300.0	6,900.0	6,930.7	6,864.2	37.6	21.2	-71.30	325.4	993.8	1007.5	953.0	54.52	5.640		
9,400.0	6,900.0	6,944.0	6,877.5	38.1	21.2	-77.60	327.1	993.8	1018.1	961.2	56.98	3.828		
9,500.0	6,900.0	6,957.3	6,890.7	38.7	21.3	-84.19	328.9	993.8	1024.3	963.1	59.13	2.406		
9,589.1	6,900.0	6,969.1	6,902.3	39.4	21.3	-90.18	330.4	993.9	111.5	950.8	60.71	1.837 CC, ES, SF		
9,600.0	6,900.0	6,970.6	6,903.8	39.5	21.3	-90.91	330.6	993.9	112.1	951.2	60.87	1.841		
9,700.0	6,900.0	6,983.4	6,916.6	40.4	21.4	-97.44	332.3	993.9	156.6	945.4	62.11	2.522		
9,768.9	6,900.0	6,992.0	6,925.1	41.1	21.4	-101.70	333.4	993.9	210.3	947.6	62.68	3.356		
9,800.0	6,900.0	6,995.8	6,928.8	41.4	21.4	-103.19	333.8	993.9	236.9	947.1	62.83	3.771		
9,900.0	6,900.0	7,007.8	6,940.7	42.2	21.4	-106.86	335.3	994.0	326.3	963.3	63.04	5.176		
9,959.0	6,900.0	7,014.6	6,947.4	42.7	21.5	-108.27	336.2	994.0	380.6	967.4	63.16	6.025		
10,000.0	6,900.0	7,019.2	6,952.0	43.2	21.5	-109.99	336.7	994.1	418.7	955.4	63.29	6.616		
10,100.0	6,900.0	7,030.2	6,962.9	44.4	21.5	-113.93	338.0	994.1	513.5	949.8	63.66	8.066		
10,200.0	6,900.0	7,040.8	6,973.4	45.8	21.5	-117.53	339.3	994.2	609.7	945.8	63.93	9.538		
10,300.0	6,900.0	7,051.0	6,983.6	47.2	21.6	-120.80	340.5	994.3	706.8	942.7	64.14	11.021		
10,400.0	6,900.0	7,060.9	6,993.4	48.6	21.6	-123.77	341.6	994.3	804.5	940.2	64.31	12.509		
10,500.0	6,900.0	7,070.4	7,002.9	50.0	21.6	-126.47	342.7	994.4	902.6	938.1	64.47	13.999		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 11-2D - Wellbore #1 - Wellbore #1												Offset Well Error:	0.0 ft
Survey Program: 171-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
10,900.0	6,900.0	6,831.2	6,738.9	56.2	23.3	-75.74	2,249.4	279.6	957.6	886.0	71.57	13.380	
11,000.0	6,900.0	6,840.9	6,748.5	57.8	23.3	-76.56	2,250.2	278.0	888.9	815.5	73.33	12.121	
11,100.0	6,900.0	6,850.6	6,758.0	59.4	23.3	-77.39	2,250.9	276.4	826.4	751.3	75.12	11.002	
11,200.0	6,900.0	6,860.4	6,767.6	61.0	23.4	-78.22	2,251.6	274.8	771.8	694.9	76.92	10.033	
11,300.0	6,900.0	6,870.1	6,777.2	62.6	23.4	-79.05	2,252.3	273.3	726.8	648.0	78.75	9.229	
11,400.0	6,900.0	6,879.8	6,786.7	64.3	23.4	-79.88	2,253.0	271.7	693.2	612.6	80.58	8.602	
11,500.0	6,900.0	6,889.5	6,796.3	66.0	23.5	-80.71	2,253.7	270.2	672.9	590.4	82.44	8.162	
11,590.3	6,900.0	6,898.3	6,805.0	67.5	23.5	-81.46	2,254.4	268.8	666.8	582.7	84.12	7.927 CC	
11,600.0	6,900.0	6,899.3	6,805.9	67.7	23.5	-81.54	2,254.5	268.7	666.9	582.6	84.30	7.911 ES	
11,639.7	6,900.0	6,903.1	6,809.7	68.4	23.5	-81.87	2,254.7	268.1	668.6	583.6	85.04	7.863 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 12-2D - Wellbore #1 - Wellbore #1												Offset Well Error:	0.0 ft
Survey Program: 158-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
9,700.0	6,900.0	6,969.2	6,878.1	40.4	23.6	-88.07	1,065.9	362.2	970.5	910.9	59.52	16.305	
9,768.9	6,900.0	6,960.2	6,869.2	41.1	23.5	-87.38	1,067.1	363.4	927.3	867.2	60.12	15.424	
9,800.0	6,900.0	6,956.1	6,865.2	41.4	23.5	-87.03	1,067.6	364.0	908.7	848.5	60.23	15.086	
9,900.0	6,900.0	6,943.3	6,852.6	42.2	23.5	-85.89	1,069.2	365.8	850.6	790.2	60.41	14.081	
9,959.0	6,900.0	6,936.0	6,845.5	42.7	23.4	-85.20	1,070.1	366.8	818.0	757.5	60.52	13.517	
10,000.0	6,900.0	6,931.1	6,840.6	43.2	23.4	-84.79	1,070.7	367.5	796.5	735.6	60.87	13.085	
10,100.0	6,900.0	6,919.0	6,828.8	44.4	23.4	-83.79	1,072.2	369.2	750.8	688.9	61.93	12.125	
10,200.0	6,900.0	6,907.2	6,817.2	45.8	23.3	-82.82	1,073.7	370.9	716.1	653.1	63.02	11.363	
10,300.0	6,900.0	6,895.6	6,805.8	47.2	23.3	-81.85	1,075.1	372.6	694.0	629.8	64.16	10.817	
10,400.0	6,900.0	6,884.2	6,794.6	48.6	23.2	-80.91	1,076.5	374.2	685.7	620.3	65.32	10.497	
10,408.0	6,900.0	6,883.3	6,793.8	48.7	23.2	-80.83	1,076.7	374.4	685.6	620.2	65.42	10.481 CC, ES	
10,500.0	6,900.0	6,873.0	6,783.7	50.0	23.2	-79.98	1,077.9	375.9	691.7	625.2	66.52	10.399 SF	
10,600.0	6,900.0	6,862.1	6,772.9	51.5	23.2	-79.06	1,079.3	377.5	711.7	644.0	67.74	10.507	
10,700.0	6,900.0	6,851.2	6,762.3	53.1	23.1	-78.17	1,080.6	379.1	744.5	675.6	68.98	10.794	
10,800.0	6,900.0	6,840.6	6,751.8	54.6	23.1	-77.29	1,081.9	380.7	788.6	718.4	70.24	11.228	
10,900.0	6,900.0	6,830.2	6,741.6	56.2	23.0	-76.42	1,083.1	382.3	842.2	770.7	71.51	11.777	
11,000.0	6,900.0	6,819.9	6,731.5	57.8	23.0	-75.57	1,084.3	383.8	903.6	830.8	72.80	12.412	
11,100.0	6,900.0	6,809.8	6,721.6	59.4	22.9	-74.74	1,085.5	385.4	971.3	897.2	74.10	13.109	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 21-2D - Wellbore #1 - Wellbore #1												Offset Well Error:	0.0 ft
Survey Program: 644-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
10,900.0	6,900.0	6,840.1	6,787.2	56.2	19.0	80.80	2,359.3	1,639.5	974.5	901.8	72.71	13.402	
11,000.0	6,900.0	6,853.4	6,800.3	57.8	19.0	81.84	2,360.6	1,640.4	910.5	836.2	74.33	12.250	
11,100.0	6,900.0	6,865.8	6,812.7	59.4	19.1	82.82	2,361.8	1,641.1	853.4	777.4	75.96	11.234	
11,200.0	6,900.0	6,877.5	6,824.3	61.0	19.1	83.74	2,362.9	1,641.8	804.5	726.9	77.60	10.367	
11,300.0	6,900.0	6,888.6	6,835.3	62.6	19.1	84.61	2,363.9	1,642.4	765.5	686.3	79.26	9.659	
11,400.0	6,900.0	6,899.0	6,845.7	64.3	19.2	85.44	2,364.9	1,643.0	738.0	657.1	80.92	9.120	
11,500.0	6,900.0	6,908.9	6,855.5	66.0	19.2	86.22	2,365.7	1,643.5	723.3	640.7	82.60	8.756	
11,558.6	6,900.0	6,914.4	6,861.0	67.0	19.2	86.66	2,366.2	1,643.8	720.9	637.3	83.59	8.625 CC, ES	
11,600.0	6,900.0	6,918.2	6,864.8	67.7	19.2	86.97	2,366.5	1,644.0	722.1	637.8	84.28	8.567	
11,639.7	6,900.0	6,921.8	6,868.4	68.4	19.2	87.25	2,366.8	1,644.1	725.4	640.5	84.95	8.539 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 22-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 128-MWD												Offset Well Error:	0.0 ft
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
9,600.0	6,900.0	7,006.3	6,947.7	39.5	20.6	94.24	1,049.9	1,704.5	928.7	870.9	57.75	16.082	
9,700.0	6,900.0	6,995.0	6,936.5	40.4	20.5	93.18	1,051.3	1,703.8	855.1	796.3	58.82	14.537	
9,768.9	6,900.0	6,987.1	6,928.7	41.1	20.5	92.44	1,052.2	1,703.3	807.6	748.0	59.60	13.552	
9,800.0	6,900.0	6,983.5	6,925.1	41.4	20.5	92.08	1,052.6	1,703.0	787.4	727.4	59.99	13.127	
9,900.0	6,900.0	6,971.8	6,913.4	42.2	20.5	90.95	1,054.0	1,702.3	730.4	669.4	61.02	11.970	
9,959.0	6,900.0	6,964.6	6,906.3	42.7	20.4	90.30	1,054.8	1,701.8	703.4	641.8	61.60	11.419	
10,000.0	6,900.0	6,959.6	6,901.4	43.2	20.4	89.85	1,055.4	1,701.5	687.5	625.5	62.04	11.082	
10,100.0	6,900.0	6,947.3	6,889.2	44.4	20.4	88.76	1,056.9	1,700.7	657.8	594.5	63.30	10.392	
10,200.0	6,900.0	6,934.9	6,876.9	45.8	20.4	87.66	1,058.4	1,700.0	642.3	577.7	64.60	9.942	
10,252.9	6,900.0	6,928.1	6,870.1	46.5	20.3	87.06	1,059.2	1,699.5	640.1	574.8	65.31	9.801 CC, ES	
10,300.0	6,900.0	6,921.7	6,863.8	47.2	20.3	86.49	1,060.0	1,699.1	641.8	575.9	65.94	9.734 SF	
10,400.0	6,900.0	6,907.9	6,850.2	48.6	20.3	85.27	1,061.6	1,698.2	656.5	589.2	67.29	9.757	
10,500.0	6,900.0	6,894.1	6,836.5	50.0	20.2	84.04	1,063.3	1,697.3	685.4	616.7	68.66	9.983	
10,600.0	6,900.0	6,880.2	6,822.7	51.5	20.2	82.81	1,065.0	1,696.3	726.7	656.7	70.04	10.377	
10,700.0	6,900.0	6,866.1	6,808.8	53.1	20.1	81.57	1,066.7	1,695.3	778.6	707.2	71.42	10.901	
10,800.0	6,900.0	6,852.0	6,794.8	54.6	20.1	80.33	1,068.4	1,694.3	839.0	766.2	72.80	11.523	
10,900.0	6,900.0	6,837.7	6,780.7	56.2	20.1	79.08	1,070.1	1,693.3	906.2	832.0	74.18	12.215	
11,000.0	6,900.0	6,823.4	6,766.5	57.8	20.0	77.83	1,071.9	1,692.2	978.8	903.3	75.55	12.955	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 2A (Vert.) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 246-MWD												Offset Well Error:	0.0 ft
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
10,100.0	6,900.0	6,909.8	6,908.5	44.4	14.4	93.22	1,751.1	1,082.6	910.4	852.3	58.09	15.672	
10,200.0	6,900.0	6,909.2	6,907.9	45.8	14.4	92.88	1,751.1	1,082.6	811.0	751.6	59.39	13.656	
10,300.0	6,900.0	6,908.7	6,907.3	47.2	14.4	92.54	1,751.1	1,082.6	711.9	651.1	60.74	11.720	
10,400.0	6,900.0	6,908.1	6,906.7	48.6	14.4	92.19	1,751.1	1,082.6	613.0	550.8	62.13	9.866	
10,500.0	6,900.0	6,907.5	6,906.2	50.0	14.4	91.85	1,751.1	1,082.6	514.5	450.9	63.56	8.094	
10,600.0	6,900.0	6,906.9	6,905.6	51.5	14.4	91.51	1,751.1	1,082.6	416.7	351.7	65.03	6.408	
10,700.0	6,900.0	6,906.3	6,905.0	53.1	14.4	91.16	1,751.1	1,082.6	320.4	253.9	66.54	4.815	
10,800.0	6,900.0	6,905.7	6,904.4	54.6	14.4	90.82	1,751.1	1,082.6	227.2	159.1	68.07	3.338	
10,900.0	6,900.0	6,905.1	6,903.8	56.2	14.4	90.48	1,751.1	1,082.6	143.5	73.9	69.63	2.061	
11,000.0	6,900.0	6,904.6	6,903.2	57.8	14.4	90.13	1,751.1	1,082.6	97.8	26.6	71.21	1.373 Level 3	
11,005.2	6,900.0	6,904.5	6,903.2	57.8	14.4	90.11	1,751.1	1,082.6	97.6	26.3	71.29	1.369 Level 3, CC, ES, SF	
11,100.0	6,900.0	6,904.0	6,902.6	59.4	14.4	89.79	1,751.1	1,082.6	136.1	63.3	72.82	1.869	
11,200.0	6,900.0	6,903.4	6,902.1	61.0	14.4	89.45	1,751.1	1,082.6	217.9	143.5	74.44	2.927	
11,300.0	6,900.0	6,902.8	6,901.5	62.6	14.4	89.11	1,751.1	1,082.6	310.6	234.5	76.09	4.082	
11,400.0	6,900.0	6,902.2	6,900.9	64.3	14.4	88.76	1,751.1	1,082.6	406.7	329.0	77.75	5.231	
11,500.0	6,900.0	6,901.6	6,900.3	66.0	14.4	88.42	1,751.1	1,082.6	504.4	424.9	79.43	6.350	
11,600.0	6,900.0	6,901.1	6,899.7	67.7	14.4	88.08	1,751.1	1,082.6	602.8	521.7	81.12	7.431	
11,639.7	6,900.0	6,900.8	6,899.5	68.4	14.4	87.94	1,751.1	1,082.6	642.0	560.2	81.80	7.848	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	59.7	0.0	59.7					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	59.7	0.0	59.7	59.5	0.22	265.799		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	59.7	0.0	59.7	59.1	0.67	88.600		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	59.7	0.0	59.7	58.6	1.12	53.160		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	59.7	0.0	59.7	58.2	1.57	37.971		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	59.7	0.0	59.7	57.7	2.02	29.533		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	59.7	0.0	59.7	57.3	2.47	24.164		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	59.7	0.0	59.7	56.8	2.92	20.446		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	59.7	0.0	59.7	56.4	3.37	17.720		
900.0	900.0	900.0	900.0	1.9	1.9	0.00	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	0.00	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	0.00	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	0.00	59.7	0.0	59.7	54.6	5.17	11.556 CC, ES		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-156.80	59.7	0.0	61.3	55.8	5.59	10.972		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	-158.55	59.7	0.0	66.2	60.2	5.99	11.055		
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	-160.95	59.7	0.0	74.4	68.0	6.38	11.649		
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	-163.53	59.7	0.0	86.0	79.2	6.78	12.681		
1,700.0	1,697.5	1,697.5	1,697.5	3.6	3.7	-165.97	59.7	0.0	101.1	93.9	7.17	14.090		
1,800.0	1,795.6	1,795.6	1,795.6	3.9	3.9	-168.11	59.7	0.0	119.7	112.1	7.57	15.822		
1,900.0	1,893.1	1,897.8	1,897.8	4.2	4.1	-170.04	58.1	0.3	140.2	132.3	7.93	17.677		
2,000.0	1,989.6	2,001.0	2,000.9	4.6	4.3	-171.80	52.8	1.2	160.7	152.5	8.27	19.437		
2,100.0	2,085.3	2,104.9	2,104.4	5.1	4.5	-173.46	43.8	2.7	181.3	172.7	8.61	21.043		
2,200.0	2,179.8	2,209.6	2,208.2	5.6	4.7	-175.05	30.9	5.0	201.8	192.8	8.97	22.504		
2,300.0	2,273.2	2,315.0	2,312.2	6.2	4.9	-176.60	14.2	7.8	222.3	213.0	9.33	23.826		
2,400.0	2,365.2	2,421.2	2,416.3	6.9	5.2	-178.11	-6.4	11.4	242.8	233.1	9.71	25.009		
2,500.0	2,455.8	2,528.1	2,520.3	7.6	5.5	-179.61	-31.0	15.6	263.3	253.2	10.11	26.049		
2,600.0	2,544.9	2,635.7	2,623.9	8.4	5.9	178.91	-59.5	20.5	283.8	273.3	10.54	26.929		
2,658.9	2,596.7	2,699.5	2,684.8	8.9	6.2	178.04	-78.3	23.8	295.9	285.1	10.80	27.396		
2,700.0	2,632.5	2,744.2	2,727.2	9.3	6.4	177.43	-92.2	26.2	304.1	293.0	11.05	27.511		
2,800.0	2,719.9	2,853.9	2,830.3	10.2	6.9	175.94	-129.2	32.5	321.4	309.7	11.70	27.463		
2,900.0	2,807.2	2,964.7	2,932.9	11.1	7.5	174.37	-170.4	39.6	335.4	323.0	12.42	26.999		
3,000.0	2,894.5	3,076.3	3,034.5	12.1	8.2	172.68	-215.8	47.4	345.9	332.7	13.22	26.163		
3,100.0	2,981.8	3,188.3	3,134.6	13.0	9.0	170.84	-265.3	55.9	353.0	338.9	14.12	25.000		
3,200.0	3,069.1	3,300.4	3,232.7	14.0	9.9	168.80	-318.7	65.1	356.9	341.7	15.15	23.558		
3,300.0	3,156.4	3,400.9	3,319.6	14.9	10.8	166.86	-368.5	73.7	359.0	342.8	16.23	22.114		
3,400.0	3,243.7	3,500.1	3,405.3	15.9	11.7	164.97	-417.8	82.2	361.5	344.1	17.41	20.765		
3,500.0	3,331.0	3,599.4	3,491.1	16.9	12.5	163.10	-467.0	90.7	364.4	345.7	18.68	19.508		
3,600.0	3,418.3	3,698.6	3,576.8	17.8	13.4	161.26	-516.2	99.1	367.7	347.7	20.05	18.344		
3,700.0	3,505.6	3,797.9	3,662.6	18.8	14.4	159.46	-565.5	107.6	371.4	349.9	21.50	17.274		
3,800.0	3,593.0	3,897.1	3,748.3	19.8	15.3	157.69	-614.7	116.1	375.4	352.4	23.04	16.295		
3,900.0	3,680.3	3,996.3	3,834.1	20.8	16.2	155.96	-663.9	124.5	379.8	355.1	24.66	15.404		
4,000.0	3,767.6	4,095.6	3,919.8	21.8	17.2	154.28	-713.2	133.0	384.5	358.2	26.35	14.595		
4,100.0	3,854.9	4,194.8	4,005.6	22.7	18.1	152.63	-762.4	141.5	389.6	361.5	28.10	13.863		
4,200.0	3,942.2	4,294.1	4,091.3	23.7	19.1	151.03	-811.6	150.0	394.9	365.0	29.92	13.200		
4,300.0	4,029.5	4,393.3	4,177.1	24.7	20.0	149.47	-860.9	158.4	400.6	368.8	31.79	12.601		
4,400.0	4,116.8	4,492.6	4,262.9	25.7	21.0	147.96	-910.1	166.9	406.6	372.9	33.71	12.060		
4,500.0	4,204.1	4,591.8	4,348.6	26.7	21.9	146.49	-959.4	175.4	412.8	377.1	35.68	11.571		
4,600.0	4,291.4	4,691.1	4,434.4	27.7	22.9	145.06	-1,008.6	183.9	419.3	381.7	37.68	11.129		
4,700.0	4,378.8	4,790.3	4,520.1	28.7	23.9	143.68	-1,057.8	192.3	426.1	386.4	39.71	10.729		
4,800.0	4,466.1	4,889.6	4,605.9	29.7	24.8	142.34	-1,107.1	200.8	433.1	391.3	41.78	10.366		
4,900.0	4,553.4	4,988.8	4,691.6	30.7	25.8	141.04	-1,156.3	209.3	440.3	396.5	43.87	10.037		
5,000.0	4,640.7	5,088.0	4,777.4	31.7	26.8	139.79	-1,205.5	217.8	447.8	401.8	45.98	9.738		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWDD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,100.0	4,728.0	5,187.3	4,863.1	32.7	27.7	138.58	-1,254.8	226.2	455.4	407.3	48.11	9.467		
5,200.0	4,815.3	5,286.5	4,948.9	33.6	28.7	137.41	-1,304.0	234.7	463.3	413.0	50.25	9.219		
5,300.0	4,902.6	5,385.8	5,034.6	34.6	29.7	136.27	-1,353.2	243.2	471.3	418.9	52.41	8.993		
5,400.0	4,989.9	5,485.0	5,120.4	35.6	30.7	135.18	-1,402.5	251.7	479.6	425.0	54.58	8.787		
5,500.0	5,077.2	5,584.3	5,206.2	36.6	31.6	134.12	-1,451.7	260.1	488.0	431.2	56.76	8.598		
5,600.0	5,164.6	5,683.5	5,291.9	37.6	32.6	133.10	-1,501.0	268.6	496.5	437.6	58.94	8.424		
5,700.0	5,251.9	5,782.8	5,377.7	38.6	33.6	132.11	-1,550.2	277.1	505.2	444.1	61.13	8.265		
5,800.0	5,339.2	5,882.0	5,463.4	39.6	34.6	131.16	-1,599.4	285.5	514.1	450.8	63.32	8.119		
5,900.0	5,426.5	5,981.3	5,549.2	40.6	35.6	130.24	-1,648.7	294.0	523.1	457.6	65.51	7.985		
6,000.0	5,513.8	6,080.5	5,634.9	41.6	36.5	129.34	-1,697.9	302.5	532.2	464.5	67.70	7.861		
6,100.0	5,601.1	6,179.7	5,720.7	42.6	37.5	128.48	-1,747.1	311.0	541.4	471.5	69.90	7.746		
6,200.0	5,688.4	6,279.0	5,806.4	43.6	38.5	127.65	-1,796.4	319.4	550.8	478.7	72.09	7.640		
6,300.0	5,775.7	6,378.2	5,892.2	44.6	39.5	126.85	-1,845.6	327.9	560.3	486.0	74.28	7.542		
6,400.0	5,863.0	6,477.5	5,977.9	45.6	40.5	126.07	-1,894.8	336.4	569.8	493.4	76.47	7.451		
6,429.4	5,888.7	6,506.7	6,003.2	45.9	40.8	125.85	-1,909.3	338.9	572.7	495.6	77.12	7.426		
6,450.0	5,906.8	6,527.1	6,020.8	46.1	41.0	127.21	-1,919.4	340.6	574.6	497.1	77.50	7.415		
6,500.0	5,951.8	6,576.4	6,063.4	46.4	41.5	130.99	-1,943.9	344.8	579.0	500.5	78.49	7.376		
6,550.0	5,997.9	6,625.2	6,105.6	46.7	41.9	135.80	-1,968.1	349.0	583.0	503.3	79.64	7.320		
6,600.0	6,045.1	6,673.2	6,147.0	46.9	42.4	142.31	-1,991.9	353.1	586.7	505.8	80.90	7.252		
6,650.0	6,093.0	6,716.2	6,184.6	47.2	42.8	151.57	-2,012.5	356.8	590.5	508.5	81.99	7.202		
6,700.0	6,141.4	6,759.0	6,223.2	47.3	43.0	164.34	-2,030.7	360.6	594.7	511.8	82.93	7.171		
6,750.0	6,190.1	6,802.6	6,263.5	47.4	43.3	-179.77	-2,046.8	364.5	599.3	515.6	83.77	7.155		
6,800.0	6,238.9	6,847.0	6,305.5	47.5	43.5	-163.17	-2,060.6	368.6	604.4	519.9	84.49	7.154		
6,850.0	6,287.5	6,892.2	6,349.0	47.6	43.7	-148.86	-2,072.0	372.9	609.9	524.9	85.08	7.169		
6,900.0	6,335.7	6,938.5	6,394.2	47.5	43.8	-138.09	-2,080.8	377.3	615.9	530.3	85.54	7.200		
6,950.0	6,383.2	6,985.7	6,440.9	47.5	43.9	-130.48	-2,086.7	381.8	622.2	536.4	85.85	7.248		
7,000.0	6,429.8	7,034.1	6,488.9	47.4	44.0	-125.21	-2,089.5	386.4	628.9	542.9	86.02	7.311		
7,050.0	6,475.3	7,083.8	6,538.4	47.2	44.0	-121.55	-2,089.1	391.2	636.0	549.9	86.03	7.392		
7,100.0	6,519.5	7,134.8	6,589.0	47.1	44.0	-119.00	-2,085.0	396.0	643.3	557.4	85.89	7.490		
7,150.0	6,562.1	7,187.3	6,640.6	46.9	44.0	-117.24	-2,077.0	400.9	650.9	565.3	85.58	7.605		
7,200.0	6,603.0	7,241.4	6,693.0	46.6	43.9	-116.05	-2,064.9	405.9	658.6	573.5	85.12	7.737		
7,250.0	6,641.9	7,297.1	6,746.0	46.3	43.7	-115.26	-2,048.2	410.9	666.4	581.9	84.50	7.887		
7,300.0	6,678.7	7,354.8	6,799.3	46.0	43.5	-114.78	-2,026.7	415.9	674.3	590.5	83.73	8.053		
7,350.0	6,713.1	7,414.3	6,852.3	45.7	43.2	-114.52	-2,000.1	420.9	682.0	599.2	82.82	8.236		
7,400.0	6,745.1	7,475.9	6,904.6	45.4	42.8	-114.43	-1,968.0	425.8	689.7	607.9	81.77	8.434		
7,450.0	6,774.3	7,539.6	6,955.5	45.0	42.4	-114.47	-1,930.1	430.5	697.0	616.4	80.61	8.646		
7,500.0	6,800.8	7,605.4	7,004.5	44.6	41.9	-114.59	-1,886.4	435.0	704.0	624.6	79.36	8.871		
7,550.0	6,824.4	7,673.4	7,050.7	44.2	41.4	-114.77	-1,836.7	439.2	710.4	632.4	78.02	9.105		
7,600.0	6,844.9	7,743.4	7,093.1	43.8	40.8	-114.99	-1,781.2	443.0	716.3	639.7	76.65	9.345		
7,650.0	6,862.3	7,815.4	7,130.9	43.4	40.2	-115.21	-1,720.0	446.4	721.5	646.2	75.25	9.587		
7,700.0	6,876.5	7,889.2	7,163.1	43.0	39.5	-115.43	-1,653.7	449.2	725.8	651.9	73.88	9.824		
7,750.0	6,887.4	7,964.5	7,188.7	42.7	38.9	-115.61	-1,583.0	451.3	729.2	656.7	72.56	10.050		
7,800.0	6,894.9	8,041.0	7,207.1	42.3	38.2	-115.75	-1,508.8	452.7	731.7	660.3	71.32	10.258		
7,850.0	6,899.1	8,118.3	7,217.6	41.9	37.5	-115.84	-1,432.2	453.3	733.1	662.9	70.20	10.442		
7,886.2	6,900.0	8,174.5	7,220.0	41.6	37.1	-115.87	-1,376.1	453.3	733.4	663.9	69.47	10.557		
7,900.0	6,900.0	8,189.3	7,220.0	41.5	37.0	-115.87	-1,361.3	453.2	733.4	664.1	69.32	10.580		
8,000.0	6,900.0	8,289.3	7,220.0	40.7	36.2	-115.87	-1,261.3	452.8	733.4	665.1	68.30	10.738		
8,100.0	6,900.0	8,389.3	7,220.0	40.0	35.5	-115.87	-1,161.3	452.3	733.4	666.0	67.44	10.875		
8,200.0	6,900.0	8,489.3	7,220.0	39.4	34.9	-115.87	-1,061.3	451.8	733.4	666.7	66.76	10.986		
8,300.0	6,900.0	8,589.3	7,220.0	38.8	34.4	-115.87	-961.3	451.4	733.4	667.2	66.26	11.070		
8,400.0	6,900.0	8,689.3	7,220.0	38.3	34.0	-115.87	-861.3	450.9	733.5	667.5	65.94	11.123		
8,500.0	6,900.0	8,789.3	7,220.0	37.8	33.7	-115.87	-761.3	450.4	733.5	667.7	65.81	11.146		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error: 0.0 ft	
Survey Program: 0-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,600.0	6,900.0	8,889.3	7,220.0	37.4	33.5	-115.87	-661.3	449.9	733.5	667.6	65.86	11.136		
8,700.0	6,900.0	8,989.3	7,220.0	37.1	33.4	-115.87	-561.3	449.5	733.5	667.4	66.11	11.095		
8,800.0	6,900.0	9,089.3	7,220.0	36.9	33.5	-115.87	-461.3	449.0	733.5	667.0	66.54	11.024		
8,900.0	6,900.0	9,189.3	7,220.0	36.8	33.6	-115.87	-361.3	448.5	733.5	666.4	67.15	10.923		
9,000.0	6,900.0	9,289.3	7,220.0	36.8	33.9	-115.87	-261.3	448.1	733.5	665.6	67.94	10.797		
9,100.0	6,900.0	9,389.3	7,220.0	36.9	34.3	-115.86	-161.3	447.6	733.5	664.6	68.90	10.646		
9,200.0	6,900.0	9,489.3	7,220.0	37.2	34.7	-115.86	-61.3	447.1	733.5	663.5	70.02	10.476		
9,300.0	6,900.0	9,589.3	7,220.0	37.6	35.3	-115.86	38.7	446.6	733.6	662.3	71.30	10.288		
9,400.0	6,900.0	9,689.3	7,220.0	38.1	36.0	-115.86	138.7	446.2	733.6	660.8	72.73	10.086		
9,500.0	6,900.0	9,789.3	7,220.0	38.7	36.8	-115.86	238.7	445.7	733.6	659.3	74.30	9.873		
9,600.0	6,900.0	9,889.3	7,220.0	39.5	37.7	-115.86	338.7	445.2	733.6	657.6	76.00	9.652		
9,700.0	6,900.0	9,989.3	7,220.0	40.4	38.6	-115.86	438.7	444.8	733.6	655.8	77.82	9.427		
9,738.1	6,900.0	10,027.4	7,220.0	40.8	39.0	-115.86	478.8	444.6	733.6	655.1	78.55	9.340		
9,768.9	6,900.0	10,053.7	7,220.0	41.1	39.3	-115.86	503.1	444.5	733.6	654.5	79.10	9.275		
9,800.0	6,900.0	10,080.2	7,220.0	41.4	39.5	-115.86	529.6	444.1	733.6	654.1	79.46	9.233		
9,900.0	6,900.0	10,154.5	7,220.0	42.2	40.0	-115.90	603.8	441.3	732.8	652.6	80.24	9.133		
9,959.0	6,900.0	10,200.0	7,220.0	42.7	40.3	-115.94	649.2	438.2	731.8	651.1	80.64	9.075		
10,000.0	6,900.0	10,228.9	7,220.0	43.2	40.6	-115.95	677.9	435.6	731.2	649.9	81.24	9.000		
10,028.2	6,900.0	10,251.1	7,220.0	43.5	40.8	-115.96	700.1	433.3	731.1	649.4	81.74	8.945		
10,100.0	6,900.0	10,322.9	7,220.0	44.4	41.6	-115.95	771.5	425.8	731.2	647.9	83.28	8.780		
10,200.0	6,900.0	10,422.9	7,220.0	45.8	42.8	-115.95	870.9	415.3	731.3	645.7	85.63	8.541		
10,300.0	6,900.0	10,522.9	7,220.0	47.2	44.2	-115.94	970.4	404.7	731.4	643.4	88.06	8.306		
10,400.0	6,900.0	10,622.9	7,220.0	48.6	45.6	-115.94	1,069.8	394.2	731.6	641.0	90.57	8.077		
10,500.0	6,900.0	10,722.9	7,220.0	50.0	47.0	-115.94	1,169.3	383.7	731.7	638.5	93.15	7.855		
10,600.0	6,900.0	10,822.9	7,220.0	51.5	48.4	-115.93	1,268.7	373.2	731.8	636.0	95.80	7.639		
10,700.0	6,900.0	10,922.9	7,220.0	53.1	49.9	-115.93	1,368.1	362.6	731.9	633.4	98.51	7.430		
10,800.0	6,900.0	11,022.9	7,220.0	54.6	51.4	-115.92	1,467.6	352.1	732.0	630.8	101.27	7.229		
10,900.0	6,900.0	11,122.9	7,220.0	56.2	53.0	-115.92	1,567.0	341.6	732.2	628.1	104.09	7.034		
11,000.0	6,900.0	11,222.9	7,220.0	57.8	54.6	-115.91	1,666.5	331.0	732.3	625.3	106.95	6.847		
11,100.0	6,900.0	11,322.9	7,220.0	59.4	56.2	-115.91	1,765.9	320.5	732.4	622.5	109.86	6.667		
11,200.0	6,900.0	11,422.9	7,220.0	61.0	57.8	-115.90	1,865.4	310.0	732.5	619.7	112.80	6.494		
11,300.0	6,900.0	11,522.9	7,220.0	62.6	59.4	-115.90	1,964.8	299.5	732.6	616.9	115.79	6.327		
11,400.0	6,900.0	11,622.9	7,220.0	64.3	61.1	-115.89	2,064.3	288.9	732.8	614.0	118.81	6.168		
11,500.0	6,900.0	11,722.9	7,220.0	66.0	62.8	-115.89	2,163.7	278.4	732.9	611.0	121.86	6.014		
11,600.0	6,900.0	11,822.9	7,220.0	67.7	64.5	-115.88	2,263.1	267.9	733.0	608.1	124.94	5.867		
11,639.7	6,900.0	11,862.6	7,220.0	68.4	65.2	-115.88	2,302.6	263.7	733.1	606.9	126.17	5.810 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
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	
0.0	0.0	0.0	0.0	0.0	0.0	0.00	79.8	0.0	79.8					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	79.8	0.0	79.8	79.6	0.22	354.944		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	79.8	0.0	79.8	79.1	0.67	118.315		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	79.8	0.0	79.8	78.7	1.12	70.989		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	79.8	0.0	79.8	78.2	1.57	50.706		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	79.8	0.0	79.8	77.8	2.02	39.438		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	79.8	0.0	79.8	77.3	2.47	32.268		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	79.8	0.0	79.8	76.9	2.92	27.303		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	79.8	0.0	79.8	76.4	3.37	23.663		
900.0	900.0	900.0	900.0	1.9	1.9	0.00	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	0.00	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	0.00	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	0.00	79.8	0.0	79.8	74.6	5.17	15.432 CC, ES		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-156.64	79.8	0.0	81.4	75.8	5.59	14.556		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	-157.98	79.8	0.0	86.2	80.2	5.99	14.400		
1,500.0	1,499.5	1,499.5	1,499.5	3.2	3.3	-159.91	79.8	0.0	94.3	88.0	6.38	14.778		
1,600.0	1,598.7	1,598.7	1,598.7	3.4	3.5	-162.10	79.8	0.0	105.9	99.1	6.78	15.613		
1,700.0	1,697.5	1,697.5	1,697.5	3.6	3.7	-164.30	79.8	0.0	120.9	113.7	7.18	16.841		
1,800.0	1,795.6	1,795.6	1,795.6	3.9	3.9	-166.33	79.8	0.0	139.4	131.8	7.57	18.409		
1,900.0	1,893.1	1,893.1	1,893.1	4.2	4.1	-168.12	79.8	0.0	161.3	153.4	7.96	20.268		
2,000.0	1,989.6	1,989.6	1,989.6	4.6	4.4	-169.66	79.8	0.0	186.8	178.4	8.35	22.377		
2,100.0	2,085.3	2,092.1	2,092.0	5.1	4.6	-171.13	78.3	0.1	214.3	205.5	8.71	24.591		
2,200.0	2,179.8	2,196.2	2,196.0	5.6	4.7	-172.57	73.1	0.6	241.8	232.8	9.05	26.716		
2,300.0	2,273.2	2,301.3	2,300.7	6.2	4.9	-173.99	64.0	1.3	269.4	260.0	9.39	28.677		
2,400.0	2,365.2	2,407.3	2,406.0	6.9	5.1	-175.41	51.0	2.4	297.0	287.3	9.75	30.471		
2,500.0	2,455.8	2,514.4	2,511.7	7.6	5.4	-176.83	33.9	3.9	324.7	314.5	10.11	32.102		
2,600.0	2,544.9	2,622.5	2,617.6	8.4	5.6	-178.26	12.7	5.7	352.3	341.8	10.50	33.566		
2,658.9	2,596.7	2,686.6	2,680.1	8.9	5.8	-179.10	-1.8	6.9	368.7	357.9	10.73	34.349		
2,700.0	2,632.5	2,731.6	2,723.7	9.3	5.9	-179.69	-12.8	7.8	379.8	368.8	10.96	34.648		
2,800.0	2,719.9	2,842.5	2,830.5	10.2	6.3	178.86	-42.8	10.3	404.5	392.9	11.54	35.038		
2,900.0	2,807.2	2,955.2	2,937.6	11.1	6.8	177.37	-77.4	13.2	425.8	413.6	12.18	34.971		
3,000.0	2,894.5	3,069.1	3,044.5	12.1	7.3	175.80	-116.7	16.6	443.7	430.9	12.87	34.469		
3,100.0	2,981.8	3,184.2	3,150.7	13.0	8.0	174.14	-160.6	20.3	458.3	444.6	13.65	33.577		
3,200.0	3,069.1	3,299.8	3,255.7	14.0	8.7	172.34	-209.1	24.3	469.5	455.0	14.52	32.334		
3,300.0	3,156.4	3,415.8	3,358.9	14.9	9.5	170.39	-261.8	28.8	477.4	461.9	15.51	30.772		
3,400.0	3,243.7	3,531.7	3,459.8	15.9	10.4	168.25	-318.6	33.6	482.3	465.6	16.66	28.949		
3,500.0	3,331.0	3,647.2	3,557.9	16.9	11.4	165.90	-379.2	38.7	484.1	466.1	17.98	26.922		
3,600.0	3,418.3	3,761.8	3,652.8	17.8	12.5	163.29	-443.3	44.1	483.3	463.8	19.52	24.757		
3,700.0	3,505.6	3,862.9	3,735.0	18.8	13.5	160.81	-501.9	49.0	481.0	459.9	21.14	22.760		
3,800.0	3,593.0	3,960.7	3,814.4	19.8	14.6	158.38	-558.8	53.8	479.6	456.8	22.86	20.978		
3,900.0	3,680.3	4,058.5	3,893.8	20.8	15.6	155.94	-615.6	58.6	479.1	454.4	24.73	19.373		
3,906.9	3,686.3	4,065.2	3,899.3	20.8	15.6	155.77	-619.5	58.9	479.1	454.2	24.86	19.270		
4,000.0	3,767.6	4,156.3	3,973.2	21.8	16.6	153.50	-672.5	63.4	479.5	452.8	26.73	17.940		
4,100.0	3,854.9	4,254.1	4,052.7	22.7	17.7	151.07	-729.4	68.2	480.8	451.9	28.85	16.668		
4,200.0	3,942.2	4,351.9	4,132.1	23.7	18.7	148.65	-786.2	72.9	483.0	451.9	31.07	15.545		
4,300.0	4,029.5	4,449.7	4,211.5	24.7	19.8	146.27	-843.1	77.7	486.1	452.7	33.39	14.558		
4,400.0	4,116.8	4,547.5	4,290.9	25.7	20.8	143.91	-899.9	82.5	490.0	454.2	35.79	13.693		
4,500.0	4,204.1	4,645.3	4,370.4	26.7	21.9	141.59	-956.8	87.3	494.8	456.6	38.25	12.937		
4,600.0	4,291.4	4,743.0	4,449.8	27.7	23.0	139.32	-1,013.7	92.1	500.5	459.7	40.76	12.277		
4,700.0	4,378.8	4,840.8	4,529.2	28.7	24.1	137.11	-1,070.5	96.9	506.9	463.6	43.32	11.701		
4,800.0	4,466.1	4,938.6	4,608.7	29.7	25.1	134.94	-1,127.4	101.7	514.1	468.2	45.90	11.200		
4,900.0	4,553.4	5,036.4	4,688.1	30.7	26.2	132.84	-1,184.2	106.5	522.0	473.5	48.50	10.763		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWDD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,640.7	5,134.2	4,767.5	31.7	27.3	130.80	-1,241.1	111.3	530.6	479.5	51.11	10.382		
5,100.0	4,728.0	5,232.0	4,846.9	32.7	28.4	128.83	-1,298.0	116.1	539.9	486.2	53.72	10.051		
5,200.0	4,815.3	5,329.8	4,926.4	33.6	29.5	126.93	-1,354.8	120.8	549.9	493.5	56.32	9.763		
5,300.0	4,902.6	5,427.6	5,005.8	34.6	30.6	125.09	-1,411.7	125.6	560.4	501.5	58.91	9.513		
5,400.0	4,989.9	5,525.4	5,085.2	35.6	31.7	123.32	-1,468.6	130.4	571.5	510.0	61.48	9.296		
5,500.0	5,077.2	5,623.2	5,164.6	36.6	32.8	121.61	-1,525.4	135.2	583.1	519.1	64.03	9.107		
5,600.0	5,164.6	5,721.0	5,244.1	37.6	33.9	119.97	-1,582.3	140.0	595.3	528.7	66.56	8.943		
5,700.0	5,251.9	5,818.8	5,323.5	38.6	35.0	118.40	-1,639.1	144.8	607.9	538.8	69.06	8.802		
5,800.0	5,339.2	5,916.6	5,402.9	39.6	36.1	116.89	-1,696.0	149.6	620.9	549.4	71.54	8.680		
5,900.0	5,426.5	6,014.4	5,482.3	40.6	37.2	115.44	-1,752.9	154.4	634.4	560.4	73.99	8.574		
6,000.0	5,513.8	6,112.2	5,561.8	41.6	38.3	114.05	-1,809.7	159.2	648.3	571.9	76.41	8.484		
6,100.0	5,601.1	6,210.0	5,641.2	42.6	39.4	112.72	-1,866.6	164.0	662.5	583.7	78.81	8.407		
6,200.0	5,688.4	6,307.8	5,720.6	43.6	40.5	111.45	-1,923.4	168.7	677.1	595.9	81.18	8.341		
6,300.0	5,775.7	6,407.0	5,801.8	44.6	41.5	110.30	-1,980.2	173.6	692.0	608.5	83.43	8.294		
6,400.0	5,863.0	6,509.7	5,892.0	45.6	42.2	110.13	-2,028.8	179.0	706.6	621.4	85.12	8.301		
6,429.4	5,888.7	6,539.9	5,919.7	45.9	42.4	110.31	-2,040.6	180.6	710.8	625.2	85.52	8.311		
6,450.0	5,906.8	6,560.9	5,939.3	46.1	42.5	112.10	-2,048.1	181.8	713.7	628.0	85.68	8.330		
6,500.0	5,951.8	6,611.6	5,987.5	46.4	42.8	117.18	-2,063.8	184.6	721.0	635.1	85.92	8.392		
6,550.0	5,997.9	6,662.0	6,036.3	46.7	43.0	123.65	-2,076.0	187.4	728.6	642.5	86.06	8.466		
6,600.0	6,045.1	6,712.1	6,085.5	46.9	43.1	132.12	-2,084.7	190.3	736.4	650.3	86.10	8.552		
6,650.0	6,093.0	6,761.8	6,134.9	47.2	43.2	143.39	-2,089.9	193.1	744.3	658.2	86.05	8.650		
6,700.0	6,141.4	6,811.3	6,184.2	47.3	43.3	158.16	-2,091.6	195.9	752.3	666.4	85.91	8.757		
6,750.0	6,190.1	6,860.4	6,233.2	47.4	43.3	176.04	-2,090.0	198.7	760.4	674.7	85.69	8.874		
6,800.0	6,238.9	6,909.3	6,281.7	47.5	43.2	-165.37	-2,085.0	201.4	768.5	683.1	85.40	9.000		
6,850.0	6,287.5	6,957.9	6,329.5	47.6	43.1	-149.09	-2,076.8	204.1	776.7	691.6	85.04	9.133		
6,900.0	6,335.7	7,006.3	6,376.5	47.5	43.0	-136.38	-2,065.4	206.7	784.7	700.1	84.62	9.273		
6,950.0	6,383.2	7,054.4	6,422.3	47.5	42.9	-126.86	-2,050.9	209.3	792.7	708.5	84.15	9.420		
7,000.0	6,429.8	7,102.4	6,467.0	47.4	42.7	-119.71	-2,033.5	211.7	800.5	716.9	83.64	9.571		
7,050.0	6,475.3	7,150.0	6,510.0	47.2	42.4	-114.22	-2,013.3	214.1	808.2	725.1	83.08	9.727		
7,100.0	6,519.5	7,197.8	6,551.7	47.1	42.2	-109.89	-1,990.1	216.4	815.6	733.1	82.49	9.887		
7,150.0	6,562.1	7,245.3	6,591.6	46.9	41.9	-106.40	-1,964.4	218.5	822.8	740.9	81.87	10.050		
7,200.0	6,603.0	7,292.7	6,629.6	46.6	41.5	-103.53	-1,936.2	220.5	829.7	748.5	81.24	10.213		
7,250.0	6,641.9	7,339.9	6,665.5	46.3	41.2	-101.13	-1,905.6	222.5	836.3	755.7	80.58	10.378		
7,300.0	6,678.7	7,387.1	6,699.3	46.0	40.8	-99.11	-1,872.8	224.2	842.5	762.6	79.92	10.541		
7,350.0	6,713.1	7,434.1	6,730.8	45.7	40.4	-97.38	-1,837.9	225.8	848.3	769.0	79.26	10.703		
7,400.0	6,745.1	7,481.1	6,759.9	45.4	40.0	-95.91	-1,801.0	227.3	853.7	775.1	78.60	10.861		
7,450.0	6,774.3	7,528.1	6,786.5	45.0	39.6	-94.65	-1,762.4	228.7	858.6	780.7	77.95	11.016		
7,500.0	6,800.8	7,575.0	6,810.5	44.6	39.2	-93.57	-1,722.1	229.8	863.1	785.8	77.31	11.165		
7,550.0	6,824.4	7,621.8	6,831.8	44.2	38.7	-92.66	-1,680.4	230.9	867.1	790.4	76.68	11.308		
7,600.0	6,844.9	7,668.6	6,850.4	43.8	38.3	-91.90	-1,637.4	231.7	870.6	794.5	76.08	11.443		
7,650.0	6,862.3	7,715.4	6,866.0	43.4	37.9	-91.28	-1,593.4	232.4	873.5	798.0	75.50	11.569		
7,700.0	6,876.5	7,762.2	6,878.8	43.0	37.4	-90.78	-1,548.4	232.9	875.9	801.0	74.95	11.687		
7,750.0	6,887.4	7,808.9	6,888.6	42.7	37.0	-90.41	-1,502.7	233.3	877.8	803.3	74.43	11.794		
7,800.0	6,894.9	7,855.6	6,895.4	42.3	36.6	-90.16	-1,456.5	233.4	879.0	805.1	73.93	11.891		
7,850.0	6,899.1	7,902.4	6,899.2	41.9	36.2	-90.03	-1,409.9	233.4	879.8	806.3	73.46	11.976		
7,886.2	6,900.0	7,937.1	6,900.0	41.6	35.9	-90.00	-1,375.2	233.3	879.9	806.8	73.13	12.032		
7,887.0	6,900.0	7,937.1	6,900.0	41.6	35.9	-90.00	-1,375.2	233.3	879.9	806.8	73.12	12.033		
7,900.0	6,900.0	7,950.0	6,900.0	41.5	35.8	-90.00	-1,362.3	233.2	879.9	807.0	72.93	12.065		
8,000.0	6,900.0	8,050.0	6,900.0	40.7	35.0	-90.00	-1,262.3	232.8	879.9	808.4	71.49	12.309		
8,100.0	6,900.0	8,150.0	6,900.0	40.0	34.3	-90.00	-1,162.3	232.3	879.9	809.7	70.22	12.531		
8,200.0	6,900.0	8,250.0	6,900.0	39.4	33.7	-90.00	-1,062.3	231.8	879.9	810.8	69.14	12.727		
8,300.0	6,900.0	8,350.0	6,900.0	38.8	33.2	-90.00	-962.3	231.4	880.0	811.7	68.26	12.892		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)													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
8,400.0	6,900.0	8,450.0	6,900.0	38.3	32.8	-90.00	-862.3	230.9	880.0	812.4	67.59	13.020	
8,500.0	6,900.0	8,550.0	6,900.0	37.8	32.5	-90.00	-762.3	230.4	880.0	812.9	67.13	13.109	
8,600.0	6,900.0	8,650.0	6,900.0	37.4	32.3	-90.00	-662.3	229.9	880.0	813.1	66.88	13.157	
8,700.0	6,900.0	8,750.0	6,900.0	37.1	32.2	-90.00	-562.3	229.5	880.0	813.1	66.86	13.161	
8,800.0	6,900.0	8,850.0	6,900.0	36.9	32.3	-90.00	-462.3	229.0	880.0	813.0	67.06	13.122	
8,900.0	6,900.0	8,950.0	6,900.0	36.8	32.4	-90.00	-362.3	228.5	880.0	812.6	67.48	13.041	
9,000.0	6,900.0	9,050.0	6,900.0	36.8	32.7	-90.00	-262.3	228.1	880.0	811.9	68.12	12.920	
9,100.0	6,900.0	9,150.0	6,900.0	36.9	33.1	-90.00	-162.3	227.6	880.1	811.1	68.96	12.762	
9,200.0	6,900.0	9,250.0	6,900.0	37.2	33.6	-90.00	-62.3	227.1	880.1	810.1	70.00	12.572	
9,300.0	6,900.0	9,350.0	6,900.0	37.6	34.2	-90.00	37.7	226.6	880.1	808.8	71.24	12.354	
9,400.0	6,900.0	9,450.0	6,900.0	38.1	34.9	-90.00	137.7	226.2	880.1	807.4	72.66	12.113	
9,500.0	6,900.0	9,550.0	6,900.0	38.7	35.7	-90.00	237.7	225.7	880.1	805.9	74.25	11.853	
9,600.0	6,900.0	9,650.0	6,900.0	39.5	36.5	-90.00	337.7	225.2	880.1	804.1	76.01	11.580	
9,700.0	6,900.0	9,750.0	6,900.0	40.4	37.5	-90.00	437.7	224.8	880.1	802.2	77.91	11.297	
9,737.5	6,900.0	9,787.4	6,900.0	40.8	37.9	-90.00	475.1	224.6	880.1	801.5	78.66	11.190	
9,768.9	6,900.0	9,812.9	6,900.0	41.1	38.1	-90.00	500.6	224.5	880.2	800.9	79.23	11.109	
9,800.0	6,900.0	9,838.3	6,900.0	41.4	38.3	-90.00	526.0	224.2	880.1	800.4	79.70	11.043	
9,900.0	6,900.0	9,900.0	6,900.0	42.2	38.8	-90.00	587.7	222.1	879.1	798.3	80.81	10.878	
9,959.0	6,900.0	9,947.1	6,900.0	42.7	39.2	-90.00	634.7	219.1	877.6	796.2	81.44	10.776	
10,000.0	6,900.0	9,975.2	6,900.0	43.2	39.4	-90.00	662.7	216.8	876.7	794.7	82.05	10.685	
10,043.4	6,900.0	10,006.1	6,900.0	43.7	39.6	-90.00	693.4	213.8	876.4	793.6	82.79	10.586	
10,100.0	6,900.0	10,061.0	6,900.0	44.4	40.2	-90.00	748.1	208.0	876.5	792.5	84.03	10.431	
10,200.0	6,900.0	10,161.0	6,900.0	45.8	41.3	-90.00	847.5	197.4	876.7	790.2	86.48	10.137	
10,300.0	6,900.0	10,261.0	6,900.0	47.2	42.7	-90.00	946.9	186.8	876.9	787.7	89.13	9.838	
10,400.0	6,900.0	10,361.0	6,900.0	48.6	44.1	-90.00	1,046.4	176.3	877.0	785.2	91.86	9.547	
10,500.0	6,900.0	10,461.0	6,900.0	50.0	45.5	-90.00	1,145.8	165.7	877.2	782.5	94.68	9.265	
10,600.0	6,900.0	10,561.0	6,900.0	51.5	46.9	-90.00	1,245.3	155.1	877.4	779.8	97.58	8.991	
10,700.0	6,900.0	10,661.0	6,900.0	53.1	48.4	-90.00	1,344.7	144.6	877.6	777.0	100.55	8.728	
10,800.0	6,900.0	10,761.0	6,900.0	54.6	50.0	-90.00	1,444.1	134.0	877.7	774.2	103.59	8.473	
10,900.0	6,900.0	10,861.0	6,900.0	56.2	51.5	-90.00	1,543.6	123.4	877.9	771.2	106.68	8.230	
11,000.0	6,900.0	10,961.0	6,900.0	57.8	53.1	-90.00	1,643.0	112.9	878.1	768.3	109.82	7.995	
11,100.0	6,900.0	11,061.0	6,900.0	59.4	54.7	-90.00	1,742.5	102.3	878.3	765.2	113.02	7.771	
11,200.0	6,900.0	11,161.0	6,900.0	61.0	56.3	-90.00	1,841.9	91.7	878.4	762.2	116.26	7.556	
11,300.0	6,900.0	11,261.0	6,900.0	62.6	58.0	-90.00	1,941.3	81.2	878.6	759.1	119.55	7.350	
11,400.0	6,900.0	11,361.0	6,900.0	64.3	59.7	-90.00	2,040.8	70.6	878.8	755.9	122.87	7.152	
11,500.0	6,900.0	11,461.0	6,900.0	66.0	61.4	-90.00	2,140.2	60.0	879.0	752.7	126.22	6.964	
11,600.0	6,900.0	11,561.0	6,900.0	67.7	63.1	-90.00	2,239.7	49.5	879.1	749.5	129.61	6.783	
11,639.7	6,900.0	11,600.7	6,900.0	68.4	63.7	-90.00	2,279.1	45.3	879.2	748.2	130.97	6.713 SF	

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	0.00	20.0	0.0	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	20.0	0.0	20.0	19.8	0.22	89.146		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	20.0	0.0	20.0	19.4	0.67	29.715		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	20.0	0.0	20.0	18.9	1.12	17.829		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	20.0	0.0	20.0	18.5	1.57	12.735		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	20.0	0.0	20.0	18.0	2.02	9.905		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	20.0	0.0	20.0	17.6	2.47	8.104		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	20.0	0.0	20.0	17.1	2.92	6.857		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	20.0	0.0	20.0	16.7	3.37	5.943		
900.0	900.0	900.0	900.0	1.9	1.9	0.00	20.0	0.0	20.0	16.2	3.82	5.244		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	0.00	20.0	0.0	20.0	15.8	4.27	4.692		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	0.00	20.0	0.0	20.0	15.3	4.72	4.245		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	0.00	20.0	0.0	20.0	14.9	5.17	3.876	CC, ES	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-158.01	20.0	0.0	21.6	16.1	5.59	3.871		
1,400.0	1,399.8	1,399.8	1,399.8	3.0	3.0	-162.21	20.0	0.0	26.6	20.6	5.99	4.439		
1,500.0	1,499.5	1,500.6	1,500.6	3.2	3.2	-166.10	18.4	0.6	33.2	26.9	6.35	5.232		
1,600.0	1,598.7	1,601.7	1,601.5	3.4	3.4	-169.07	13.3	2.4	40.0	33.3	6.70	5.965		
1,700.0	1,697.5	1,702.9	1,702.4	3.6	3.6	-171.50	5.0	5.3	46.7	39.6	7.05	6.621		
1,800.0	1,795.6	1,804.5	1,803.1	3.9	3.8	-173.60	-6.8	9.5	53.4	46.0	7.40	7.208		
1,900.0	1,893.1	1,906.2	1,903.6	4.2	4.0	-175.49	-22.0	14.9	60.1	52.3	7.77	7.733		
2,000.0	1,989.6	2,008.3	2,003.7	4.6	4.3	-177.24	-40.6	21.5	66.7	58.6	8.14	8.198		
2,100.0	2,085.3	2,110.5	2,103.3	5.1	4.7	-178.88	-62.6	29.2	73.4	64.9	8.53	8.607		
2,200.0	2,179.8	2,213.0	2,202.1	5.6	5.0	179.56	-88.0	38.2	80.0	71.1	8.93	8.960		
2,300.0	2,273.2	2,315.8	2,300.2	6.2	5.5	178.05	-116.8	48.4	86.6	77.3	9.36	9.258		
2,400.0	2,365.2	2,418.7	2,397.4	6.9	6.0	176.59	-148.9	59.8	93.2	83.4	9.81	9.501		
2,500.0	2,455.8	2,521.9	2,493.5	7.6	6.6	175.16	-184.4	72.3	99.7	89.4	10.30	9.683		
2,600.0	2,544.9	2,625.3	2,588.3	8.4	7.3	173.76	-223.3	86.1	106.3	95.4	10.84	9.804		
2,658.9	2,596.7	2,686.4	2,643.6	8.9	7.7	172.94	-247.7	94.7	110.1	98.9	11.18	9.847		
2,700.0	2,632.5	2,729.0	2,681.8	9.3	8.1	172.36	-265.4	101.0	112.5	101.0	11.48	9.794		
2,800.0	2,719.9	2,831.3	2,772.6	10.2	8.9	170.82	-309.8	116.7	116.1	103.8	12.27	9.462		
2,900.0	2,807.2	2,931.2	2,861.0	11.1	9.7	169.33	-353.7	132.3	119.2	106.1	13.11	9.092		
3,000.0	2,894.5	3,031.1	2,949.3	12.1	10.6	167.92	-397.7	147.8	122.4	108.4	14.01	8.735		
3,100.0	2,981.8	3,131.0	3,037.7	13.0	11.4	166.58	-441.6	163.3	125.6	110.7	14.96	8.395		
3,200.0	3,069.1	3,230.9	3,126.1	14.0	12.3	165.30	-485.5	178.9	128.9	113.0	15.97	8.073		
3,300.0	3,156.4	3,330.8	3,214.5	14.9	13.2	164.10	-529.4	194.4	132.3	115.3	17.03	7.769		
3,400.0	3,243.7	3,430.7	3,302.9	15.9	14.1	162.95	-573.4	210.0	135.7	117.6	18.14	7.485		
3,500.0	3,331.0	3,530.6	3,391.2	16.9	15.0	161.86	-617.3	225.5	139.2	119.9	19.29	7.219		
3,600.0	3,418.3	3,630.5	3,479.6	17.8	15.9	160.82	-661.2	241.0	142.8	122.3	20.47	6.972		
3,700.0	3,505.6	3,730.4	3,568.0	18.8	16.8	159.83	-705.1	256.6	146.3	124.6	21.70	6.743		
3,800.0	3,593.0	3,830.3	3,656.4	19.8	17.8	158.90	-749.0	272.1	149.9	127.0	22.96	6.530		
3,900.0	3,680.3	3,930.2	3,744.7	20.8	18.7	158.00	-793.0	287.7	153.6	129.3	24.26	6.332		
4,000.0	3,767.6	4,030.1	3,833.1	21.8	19.6	157.15	-836.9	303.2	157.3	131.7	25.58	6.149		
4,100.0	3,854.9	4,130.0	3,921.5	22.7	20.5	156.33	-880.8	318.8	161.0	134.1	26.93	5.979		
4,200.0	3,942.2	4,229.9	4,009.9	23.7	21.4	155.56	-924.7	334.3	164.8	136.5	28.30	5.822		
4,300.0	4,029.5	4,329.8	4,098.2	24.7	22.4	154.81	-968.7	349.8	168.5	138.8	29.70	5.676		
4,400.0	4,116.8	4,429.7	4,186.6	25.7	23.3	154.10	-1,012.6	365.4	172.4	141.2	31.11	5.540		
4,500.0	4,204.1	4,529.6	4,275.0	26.7	24.2	153.42	-1,056.5	380.9	176.2	143.6	32.55	5.413		
4,600.0	4,291.4	4,629.6	4,363.4	27.7	25.2	152.78	-1,100.4	396.5	180.1	146.1	34.00	5.296		
4,700.0	4,378.8	4,729.5	4,451.7	28.7	26.1	152.15	-1,144.4	412.0	183.9	148.5	35.47	5.186		
4,800.0	4,466.1	4,829.4	4,540.1	29.7	27.0	151.56	-1,188.3	427.5	187.8	150.9	36.95	5.083		
4,900.0	4,553.4	4,929.3	4,628.5	30.7	28.0	150.98	-1,232.2	443.1	191.8	153.3	38.45	4.988		
5,000.0	4,640.7	5,029.2	4,716.9	31.7	28.9	150.43	-1,276.1	458.6	195.7	155.7	39.95	4.898		

COMPASS 2003.21 Build 46

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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
5,100.0	4,728.0	5,129.1	4,805.2	32.7	29.8	149.91	-1,320.0	474.2	199.6	158.2	41.47	4.814	
5,200.0	4,815.3	5,229.0	4,893.6	33.6	30.8	149.40	-1,364.0	489.7	203.6	160.6	43.00	4.735	
5,300.0	4,902.6	5,328.9	4,982.0	34.6	31.7	148.91	-1,407.9	505.3	207.6	163.1	44.54	4.661	
5,400.0	4,989.9	5,428.8	5,070.4	35.6	32.7	148.44	-1,451.8	520.8	211.6	165.5	46.09	4.591	
5,500.0	5,077.2	5,528.7	5,158.7	36.6	33.6	147.99	-1,495.7	536.3	215.6	168.0	47.65	4.526	
5,600.0	5,164.6	5,628.6	5,247.1	37.6	34.5	147.55	-1,539.7	551.9	219.7	170.4	49.21	4.464	
5,700.0	5,251.9	5,728.5	5,335.5	38.6	35.5	147.14	-1,583.6	567.4	223.7	172.9	50.78	4.405	
5,800.0	5,339.2	5,828.4	5,423.9	39.6	36.4	146.73	-1,627.5	583.0	227.8	175.4	52.36	4.350	
5,900.0	5,426.5	5,928.3	5,512.2	40.6	37.3	146.34	-1,671.4	598.5	231.8	177.9	53.94	4.297	
6,000.0	5,513.8	6,028.2	5,600.6	41.6	38.3	145.96	-1,715.4	614.0	235.9	180.4	55.53	4.248	
6,100.0	5,601.1	6,128.1	5,689.0	42.6	39.2	145.60	-1,759.3	629.6	240.0	182.8	57.13	4.201	
6,200.0	5,688.4	6,228.0	5,777.4	43.6	40.2	145.25	-1,803.2	645.1	244.1	185.3	58.73	4.156	
6,300.0	5,775.7	6,327.9	5,865.7	44.6	41.1	144.91	-1,847.1	660.7	248.2	187.8	60.33	4.113	
6,400.0	5,863.0	6,427.8	5,954.1	45.6	42.1	144.58	-1,891.0	676.2	252.3	190.3	61.94	4.073	
6,429.4	5,888.7	6,457.2	5,980.1	45.9	42.3	144.48	-1,904.0	680.8	253.5	191.1	62.42	4.061	
6,450.0	5,906.8	6,477.8	5,998.3	46.1	42.5	145.80	-1,913.0	684.0	254.2	191.4	62.78	4.049	
6,500.0	5,951.8	6,527.7	6,042.4	46.4	43.0	149.16	-1,934.9	691.7	254.8	190.7	64.09	3.975	
6,550.0	5,997.9	6,577.2	6,086.2	46.7	43.5	153.11	-1,956.7	699.5	253.9	187.9	66.07	3.843	
6,600.0	6,045.1	6,626.2	6,129.6	46.9	43.9	158.27	-1,978.2	707.1	251.8	183.1	68.68	3.666	
6,650.0	6,093.0	6,674.4	6,172.2	47.2	44.4	165.46	-1,999.4	714.6	248.9	177.0	71.86	3.463	
6,700.0	6,141.4	6,720.4	6,212.9	47.3	44.8	175.53	-2,019.6	721.7	245.6	170.2	75.35	3.259	
6,750.0	6,190.1	6,763.2	6,251.6	47.4	45.1	-171.30	-2,036.7	728.5	243.1	164.6	78.54	3.095	
6,800.0	6,238.9	6,806.8	6,291.9	47.5	45.4	-157.53	-2,051.6	735.6	241.9	160.4	81.44	2.970	
6,822.3	6,260.6	6,826.5	6,310.5	47.5	45.5	-152.02	-2,057.6	738.8	241.7	159.1	82.61	2.926	
6,850.0	6,287.5	6,851.3	6,333.9	47.6	45.6	-146.11	-2,064.3	742.9	241.9	158.0	83.96	2.882	
6,900.0	6,335.7	6,896.9	6,377.7	47.5	45.8	-138.27	-2,074.5	750.6	243.4	157.4	85.98	2.831	
6,950.0	6,383.2	6,943.5	6,423.0	47.5	45.9	-133.57	-2,082.0	758.5	246.3	158.9	87.44	2.817 SF	
7,000.0	6,429.8	6,991.4	6,470.0	47.4	46.0	-131.13	-2,086.6	766.6	250.7	162.4	88.27	2.840	
7,050.0	6,475.3	7,040.6	6,518.4	47.2	46.1	-130.21	-2,087.9	775.0	256.4	167.9	88.46	2.898	
7,100.0	6,519.5	7,091.3	6,568.3	47.1	46.2	-130.27	-2,085.8	783.7	263.4	175.4	88.02	2.992	
7,150.0	6,562.1	7,143.5	6,619.5	46.9	46.2	-130.95	-2,079.9	792.5	271.5	184.5	86.97	3.121	
7,200.0	6,603.0	7,197.6	6,671.7	46.6	46.1	-132.02	-2,069.8	801.5	280.5	195.1	85.38	3.285	
7,250.0	6,641.9	7,253.4	6,724.9	46.3	46.0	-133.31	-2,055.2	810.7	290.3	206.9	83.32	3.484	
7,300.0	6,678.7	7,311.4	6,778.6	46.0	45.8	-134.71	-2,035.6	819.9	300.6	219.7	80.87	3.717	
7,350.0	6,713.1	7,371.4	6,832.5	45.7	45.6	-136.15	-2,010.8	829.1	311.3	233.2	78.11	3.985	
7,400.0	6,745.1	7,433.8	6,886.1	45.4	45.3	-137.58	-1,980.2	838.3	322.0	246.9	75.13	4.286	
7,450.0	6,774.3	7,498.6	6,938.7	45.0	45.0	-138.94	-1,943.6	847.2	332.7	260.7	72.02	4.619	
7,500.0	6,800.8	7,565.9	6,989.7	44.6	44.5	-140.23	-1,900.6	855.9	343.0	274.1	68.87	4.980	
7,550.0	6,824.4	7,635.7	7,038.2	44.2	44.0	-141.41	-1,851.1	864.0	352.7	287.0	65.78	5.363	
7,600.0	6,844.9	7,707.9	7,083.2	43.8	43.5	-142.46	-1,795.1	871.6	361.7	298.8	62.82	5.757	
7,650.0	6,862.3	7,782.5	7,123.5	43.4	42.9	-143.38	-1,732.7	878.2	369.6	309.5	60.10	6.150	
7,700.0	6,876.5	7,859.3	7,158.1	43.0	42.3	-144.15	-1,664.4	883.9	376.3	318.6	57.68	6.524	
7,750.0	6,887.4	7,938.0	7,185.9	42.7	41.7	-144.75	-1,591.0	888.4	381.7	326.0	55.65	6.859	
7,800.0	6,894.9	8,018.1	7,205.9	42.3	41.0	-145.18	-1,513.5	891.5	385.5	331.5	54.05	7.133	
7,850.0	6,899.1	8,099.3	7,217.3	41.9	40.3	-145.43	-1,433.2	893.0	387.8	334.8	52.92	7.328	
7,886.2	6,900.0	8,158.3	7,220.0	41.6	39.9	-145.49	-1,374.3	893.2	388.3	335.9	52.39	7.413	
7,900.0	6,900.0	8,173.4	7,220.0	41.5	39.8	-145.49	-1,359.2	893.1	388.3	335.9	52.38	7.413	
8,000.0	6,900.0	8,273.4	7,220.0	40.7	39.0	-145.49	-1,259.2	892.7	388.3	335.9	52.42	7.409	
8,100.0	6,900.0	8,373.4	7,220.0	40.0	38.3	-145.48	-1,159.2	892.2	388.4	335.8	52.56	7.389	
8,200.0	6,900.0	8,473.4	7,220.0	39.4	37.7	-145.48	-1,059.2	891.7	388.4	335.6	52.82	7.352	
8,300.0	6,900.0	8,573.4	7,220.0	38.8	37.2	-145.48	-959.3	891.2	388.4	335.2	53.20	7.301	
8,400.0	6,900.0	8,673.4	7,220.0	38.3	36.7	-145.47	-859.3	890.7	388.4	334.7	53.69	7.234	

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)												Offset Well Error:	0.0 ft
Survey Program: 0-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
8,500.0	6,900.0	8,773.4	7,220.0	37.8	36.3	-145.47	-759.3	890.2	388.4	334.1	54.29	7.155	
8,600.0	6,900.0	8,873.4	7,220.0	37.4	36.0	-145.46	-659.3	889.7	388.5	333.5	55.00	7.063	
8,700.0	6,900.0	8,973.4	7,220.0	37.1	35.8	-145.46	-559.3	889.2	388.5	332.7	55.81	6.961	
8,800.0	6,900.0	9,073.4	7,220.0	36.9	35.7	-145.46	-459.3	888.7	388.5	331.8	56.71	6.850	
8,900.0	6,900.0	9,173.4	7,220.0	36.8	35.7	-145.45	-359.3	888.2	388.5	330.8	57.71	6.732	
9,000.0	6,900.0	9,273.4	7,220.0	36.8	35.8	-145.45	-259.3	887.7	388.5	329.7	58.80	6.607	
9,100.0	6,900.0	9,373.4	7,220.0	36.9	36.1	-145.45	-159.3	887.3	388.5	328.6	59.98	6.478	
9,200.0	6,900.0	9,473.4	7,220.0	37.2	36.4	-145.44	-59.3	886.8	388.6	327.3	61.23	6.346	
9,300.0	6,900.0	9,573.4	7,220.0	37.6	36.9	-145.44	40.7	886.3	388.6	326.0	62.56	6.212	
9,400.0	6,900.0	9,673.4	7,220.0	38.1	37.6	-145.43	140.7	885.8	388.6	324.6	63.95	6.076	
9,500.0	6,900.0	9,773.4	7,220.0	38.7	38.3	-145.43	240.7	885.3	388.6	323.2	65.42	5.941	
9,600.0	6,900.0	9,873.4	7,220.0	39.5	39.1	-145.43	340.7	884.8	388.6	321.7	66.94	5.806	
9,700.0	6,900.0	9,973.4	7,220.0	40.4	40.1	-145.42	440.7	884.3	388.7	320.1	68.52	5.672	
9,738.1	6,900.0	10,011.5	7,220.0	40.8	40.4	-145.42	478.8	884.1	388.7	319.5	69.14	5.622	
9,768.9	6,900.0	10,040.9	7,220.0	41.1	40.7	-145.42	508.2	884.0	388.7	319.0	69.63	5.582	
9,800.0	6,900.0	10,070.0	7,220.0	41.4	41.0	-145.42	537.4	883.6	388.7	318.7	69.94	5.557	
9,900.0	6,900.0	10,159.6	7,220.0	42.2	41.7	-145.46	626.9	879.7	388.5	317.7	70.75	5.491	
9,959.0	6,900.0	10,212.6	7,220.0	42.7	42.1	-145.52	679.7	875.4	388.2	317.0	71.18	5.454	
9,979.8	6,900.0	10,231.3	7,220.0	42.9	42.3	-145.53	698.3	873.6	388.2	316.7	71.48	5.430	
10,000.0	6,900.0	10,251.5	7,220.0	43.2	42.5	-145.53	718.4	871.5	388.2	316.3	71.82	5.405	
10,100.0	6,900.0	10,351.5	7,220.0	44.4	43.7	-145.53	817.8	861.1	388.2	314.6	73.57	5.276	
10,200.0	6,900.0	10,451.5	7,220.0	45.8	45.0	-145.53	917.3	850.7	388.2	312.8	75.39	5.149	
10,300.0	6,900.0	10,551.5	7,220.0	47.2	46.4	-145.53	1,016.8	840.3	388.2	310.9	77.26	5.024	
10,400.0	6,900.0	10,651.5	7,220.0	48.6	47.8	-145.53	1,116.2	829.9	388.2	309.0	79.16	4.904	
10,500.0	6,900.0	10,751.5	7,220.0	50.0	49.2	-145.52	1,215.7	819.5	388.2	307.1	81.10	4.786	
10,600.0	6,900.0	10,851.5	7,220.0	51.5	50.7	-145.52	1,315.1	809.1	388.2	305.1	83.07	4.673	
10,700.0	6,900.0	10,951.5	7,220.0	53.1	52.2	-145.52	1,414.6	798.7	388.2	303.1	85.07	4.563	
10,800.0	6,900.0	11,051.5	7,220.0	54.6	53.7	-145.52	1,514.1	788.3	388.2	301.1	87.10	4.457	
10,900.0	6,900.0	11,151.5	7,220.0	56.2	55.3	-145.52	1,613.5	777.9	388.2	299.0	89.15	4.354	
11,000.0	6,900.0	11,251.5	7,220.0	57.8	56.9	-145.52	1,713.0	767.5	388.2	297.0	91.23	4.255	
11,100.0	6,900.0	11,351.5	7,220.0	59.4	58.5	-145.52	1,812.4	757.1	388.2	294.9	93.33	4.159	
11,200.0	6,900.0	11,451.5	7,220.0	61.0	60.1	-145.52	1,911.9	746.7	388.2	292.7	95.46	4.067	
11,300.0	6,900.0	11,551.5	7,220.0	62.6	61.7	-145.52	2,011.3	736.3	388.2	290.6	97.60	3.977	
11,400.0	6,900.0	11,651.5	7,220.0	64.3	63.4	-145.52	2,110.8	725.9	388.2	288.4	99.76	3.891	
11,500.0	6,900.0	11,751.5	7,220.0	66.0	65.1	-145.52	2,210.3	715.5	388.2	286.3	101.94	3.808	
11,600.0	6,900.0	11,851.5	7,220.0	67.7	66.7	-145.52	2,309.7	705.1	388.2	284.1	104.13	3.728	
11,639.7	6,900.0	11,891.2	7,220.0	68.4	67.4	-145.52	2,349.2	701.0	388.2	283.2	105.01	3.697	

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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
5,000.0	4,640.7	5,066.3	4,710.9	31.7	29.3	127.72	-1,324.2	348.5	274.3	221.3	53.02	5.173	
5,100.0	4,728.0	5,165.9	4,795.8	32.7	30.3	126.11	-1,374.5	361.3	279.2	223.7	55.47	5.033	
5,200.0	4,815.3	5,265.5	4,880.8	33.6	31.3	124.56	-1,424.8	374.2	284.4	226.4	57.93	4.909	
5,300.0	4,902.6	5,365.0	4,965.8	34.6	32.4	123.06	-1,475.1	387.0	289.7	229.3	60.37	4.799	
5,400.0	4,989.9	5,464.6	5,050.7	35.6	33.4	121.62	-1,525.4	399.8	295.3	232.5	62.81	4.701	
5,500.0	5,077.2	5,564.2	5,135.7	36.6	34.4	120.23	-1,575.7	412.7	301.0	235.8	65.23	4.614	
5,600.0	5,164.6	5,663.8	5,220.7	37.6	35.4	118.89	-1,626.0	425.5	306.9	239.2	67.64	4.537	
5,700.0	5,251.9	5,763.3	5,305.7	38.6	36.5	117.60	-1,676.3	438.4	312.9	242.9	70.04	4.468	
5,800.0	5,339.2	5,862.9	5,390.6	39.6	37.5	116.37	-1,726.6	451.2	319.1	246.7	72.43	4.406	
5,900.0	5,426.5	5,962.5	5,475.6	40.6	38.5	115.18	-1,776.9	464.1	325.5	250.7	74.80	4.352	
6,000.0	5,513.8	6,062.1	5,560.6	41.6	39.6	114.03	-1,827.2	476.9	332.0	254.8	77.15	4.303	
6,100.0	5,601.1	6,161.6	5,645.6	42.6	40.6	112.93	-1,877.5	489.8	338.6	259.1	79.48	4.260	
6,200.0	5,688.4	6,261.2	5,730.5	43.6	41.6	111.88	-1,927.8	502.6	345.3	263.5	81.80	4.221	
6,300.0	5,775.7	6,360.8	5,815.5	44.6	42.7	110.86	-1,978.0	515.5	352.2	268.1	84.11	4.187	
6,400.0	5,863.0	6,463.4	5,905.3	45.6	43.5	110.60	-2,025.8	529.0	358.8	272.8	85.93	4.175	
6,429.4	5,888.7	6,493.8	5,933.0	45.9	43.7	110.96	-2,037.4	533.2	360.5	274.3	86.27	4.179	
6,450.0	5,906.8	6,514.9	5,952.6	46.1	43.8	112.76	-2,044.8	536.1	361.8	275.4	86.39	4.188	
6,500.0	5,951.8	6,566.0	6,000.7	46.4	44.0	117.89	-2,060.3	543.3	364.8	278.3	86.54	4.216	
6,550.0	5,997.9	6,616.7	6,049.4	46.7	44.2	124.40	-2,072.2	550.6	368.1	281.5	86.58	4.251	
6,600.0	6,045.1	6,667.0	6,098.5	46.9	44.4	132.90	-2,080.5	557.9	371.5	284.9	86.51	4.294	
6,650.0	6,093.0	6,717.1	6,147.8	47.2	44.5	144.19	-2,085.3	565.3	374.9	288.6	86.35	4.342	
6,700.0	6,141.4	6,766.8	6,196.9	47.3	44.6	158.97	-2,086.6	572.5	378.5	292.4	86.10	4.397	
6,750.0	6,190.1	6,816.2	6,245.7	47.4	44.6	176.85	-2,084.5	579.8	382.2	296.4	85.77	4.456	
6,800.0	6,238.9	6,865.2	6,294.0	47.5	44.6	-164.56	-2,079.0	586.9	385.9	300.6	85.37	4.521	
6,850.0	6,287.5	6,914.0	6,341.4	47.6	44.5	-148.29	-2,070.3	593.9	389.7	304.8	84.91	4.590	
6,900.0	6,335.7	6,962.5	6,387.9	47.5	44.4	-135.59	-2,058.4	600.7	393.5	309.1	84.39	4.662	
6,950.0	6,383.2	7,010.7	6,433.3	47.5	44.3	-126.10	-2,043.5	607.4	397.2	313.4	83.84	4.738	
7,000.0	6,429.8	7,058.7	6,477.3	47.4	44.1	-118.97	-2,025.6	613.8	401.0	317.7	83.25	4.816	
7,050.0	6,475.3	7,106.4	6,519.9	47.2	43.9	-113.51	-2,004.8	620.0	404.6	322.0	82.63	4.897	
7,100.0	6,519.5	7,154.0	6,560.8	47.1	43.6	-109.22	-1,981.4	626.0	408.2	326.2	82.00	4.978	
7,150.0	6,562.1	7,200.0	6,598.8	46.9	43.4	-105.78	-1,956.1	631.5	411.7	330.4	81.36	5.060	
7,200.0	6,603.0	7,248.3	6,637.0	46.6	43.1	-102.94	-1,927.0	637.0	415.1	334.4	80.70	5.143	
7,250.0	6,641.9	7,295.2	6,672.1	46.3	42.7	-100.59	-1,896.3	642.1	418.3	338.3	80.05	5.225	
7,300.0	6,678.7	7,342.0	6,705.0	46.0	42.4	-98.61	-1,863.5	646.8	421.4	342.0	79.41	5.306	
7,350.0	6,713.1	7,388.6	6,735.7	45.7	42.0	-96.93	-1,828.7	651.2	424.2	345.5	78.78	5.385	
7,400.0	6,745.1	7,435.0	6,763.9	45.4	41.7	-95.51	-1,792.0	655.2	426.9	348.7	78.18	5.461	
7,450.0	6,774.3	7,481.4	6,789.7	45.0	41.3	-94.29	-1,753.7	658.8	429.4	351.8	77.59	5.534	
7,500.0	6,800.8	7,527.6	6,813.0	44.6	40.9	-93.26	-1,713.9	662.1	431.6	354.6	77.04	5.603	
7,550.0	6,824.4	7,553.7	6,833.6	44.2	40.5	-92.40	-1,672.8	664.9	433.6	357.1	76.51	5.667	
7,600.0	6,844.9	7,619.8	6,851.5	43.8	40.1	-91.68	-1,630.4	667.4	435.3	359.3	76.02	5.726	
7,650.0	6,862.3	7,665.7	6,866.7	43.4	39.7	-91.10	-1,587.1	669.4	436.8	361.2	75.56	5.781	
7,700.0	6,876.5	7,711.7	6,879.0	43.0	39.3	-90.65	-1,542.9	671.0	438.0	362.8	75.14	5.829	
7,750.0	6,887.4	7,757.6	6,888.6	42.7	38.9	-90.32	-1,498.0	672.2	438.9	364.1	74.74	5.872	
7,800.0	6,894.9	7,803.4	6,895.3	42.3	38.5	-90.11	-1,452.7	673.0	439.5	365.1	74.39	5.908	
7,850.0	6,899.1	7,850.0	6,899.1	41.9	38.1	-90.00	-1,406.3	673.3	439.8	365.8	74.05	5.939	
7,886.2	6,900.0	7,882.5	6,900.0	41.6	37.9	-90.00	-1,373.8	673.3	439.9	366.0	73.84	5.957	
7,888.7	6,900.0	7,884.8	6,900.0	41.6	37.9	-90.00	-1,371.5	673.3	439.9	366.1	73.81	5.960	
7,900.0	6,900.0	7,895.9	6,900.0	41.5	37.8	-90.00	-1,360.3	673.3	439.9	366.2	73.64	5.973	
8,000.0	6,900.0	7,995.9	6,900.0	40.7	37.0	-90.00	-1,260.3	672.8	439.9	367.7	72.26	6.088	
8,100.0	6,900.0	8,095.9	6,900.0	40.0	36.3	-90.00	-1,160.3	672.3	439.9	368.9	71.05	6.192	
8,200.0	6,900.0	8,195.9	6,900.0	39.4	35.7	-90.00	-1,060.3	671.8	440.0	369.9	70.03	6.283	
8,300.0	6,900.0	8,295.9	6,900.0	38.8	35.2	-90.00	-960.3	671.3	440.0	370.8	69.21	6.357	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Survey Design													Offset Site Error: 0.0 ft	
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	6,900.0	8,395.9	6,900.0	38.3	34.7	-90.00	-860.3	670.8	440.0	371.4	68.60	6.415		
8,500.0	6,900.0	8,495.9	6,900.0	37.8	34.4	-90.00	-760.3	670.3	440.1	371.9	68.20	6.453		
8,600.0	6,900.0	8,595.9	6,900.0	37.4	34.1	-90.00	-660.3	669.8	440.1	372.1	68.01	6.471		
8,700.0	6,900.0	8,695.9	6,900.0	37.1	34.0	-90.00	-560.3	669.3	440.1	372.1	68.04	6.469		
8,800.0	6,900.0	8,795.9	6,900.0	36.9	34.0	-90.00	-460.3	668.9	440.2	371.9	68.29	6.446		
8,900.0	6,900.0	8,895.9	6,900.0	36.8	34.1	-90.00	-360.3	668.4	440.2	371.4	68.75	6.403		
9,000.0	6,900.0	8,995.9	6,900.0	36.8	34.3	-90.00	-260.3	667.9	440.2	370.8	69.42	6.341		
9,100.0	6,900.0	9,095.9	6,900.0	36.9	34.6	-90.00	-160.3	667.4	440.3	370.0	70.30	6.263		
9,200.0	6,900.0	9,195.9	6,900.0	37.2	35.1	-90.00	-60.3	666.9	440.3	368.9	71.37	6.169		
9,300.0	6,900.0	9,295.9	6,900.0	37.6	35.7	-90.00	39.7	666.4	440.3	367.7	72.63	6.062		
9,400.0	6,900.0	9,395.9	6,900.0	38.1	36.3	-90.00	139.7	665.9	440.3	366.3	74.07	5.945		
9,500.0	6,900.0	9,495.9	6,900.0	38.7	37.1	-90.00	239.7	665.4	440.4	364.7	75.68	5.819		
9,600.0	6,900.0	9,595.9	6,900.0	39.5	38.0	-90.00	339.7	664.9	440.4	363.0	77.44	5.687		
9,700.0	6,900.0	9,695.9	6,900.0	40.4	38.9	-90.00	439.7	664.5	440.4	361.1	79.35	5.550		
9,737.6	6,900.0	9,733.6	6,900.0	40.8	39.3	-90.00	477.3	664.3	440.4	360.3	80.11	5.498		
9,768.9	6,900.0	9,762.0	6,900.0	41.1	39.6	-90.00	505.7	664.1	440.5	359.7	80.72	5.457		
9,800.0	6,900.0	9,789.6	6,900.0	41.4	39.8	-90.00	533.3	663.8	440.5	359.2	81.21	5.423		
9,900.0	6,900.0	9,870.9	6,900.0	42.2	40.4	-90.00	614.5	660.5	439.8	357.4	82.39	5.338		
9,959.0	6,900.0	9,918.8	6,900.0	42.7	40.8	-90.00	662.3	656.9	439.0	355.9	83.03	5.287		
10,000.0	6,900.0	9,952.6	6,900.0	43.2	41.1	-90.00	695.9	653.7	438.6	354.9	83.71	5.240		
10,010.3	6,900.0	9,962.3	6,900.0	43.3	41.2	-90.00	705.6	652.7	438.6	354.7	83.93	5.226		
10,100.0	6,900.0	10,052.0	6,900.0	44.4	42.3	-90.00	794.8	643.3	438.7	352.6	86.05	5.098		
10,200.0	6,900.0	10,152.0	6,900.0	45.8	43.6	-90.00	894.3	632.9	438.7	350.1	88.60	4.952		
10,300.0	6,900.0	10,252.0	6,900.0	47.2	44.9	-90.00	993.8	622.4	438.8	347.6	91.24	4.809		
10,400.0	6,900.0	10,352.0	6,900.0	48.6	46.3	-90.00	1,093.2	612.0	438.9	344.9	93.97	4.670		
10,500.0	6,900.0	10,452.0	6,900.0	50.0	47.8	-90.00	1,192.7	601.5	438.9	342.1	96.78	4.535		
10,600.0	6,900.0	10,552.0	6,900.0	51.5	49.3	-90.00	1,292.1	591.1	439.0	339.3	99.67	4.404		
10,700.0	6,900.0	10,652.0	6,900.0	53.1	50.8	-90.00	1,391.6	580.6	439.0	336.4	102.63	4.278		
10,800.0	6,900.0	10,752.0	6,900.0	54.6	52.3	-90.00	1,491.0	570.2	439.1	333.4	105.66	4.156		
10,900.0	6,900.0	10,852.0	6,900.0	56.2	53.9	-90.00	1,590.5	559.7	439.1	330.4	108.74	4.038		
11,000.0	6,900.0	10,952.0	6,900.0	57.8	55.4	-90.00	1,689.9	549.3	439.2	327.3	111.88	3.926		
11,100.0	6,900.0	11,052.0	6,900.0	59.4	57.1	-90.00	1,789.4	538.8	439.2	324.2	115.06	3.817		
11,200.0	6,900.0	11,152.0	6,900.0	61.0	58.7	-90.00	1,888.8	528.4	439.3	321.0	118.29	3.714		
11,300.0	6,900.0	11,252.0	6,900.0	62.6	60.3	-90.00	1,988.3	517.9	439.4	317.8	121.56	3.614		
11,400.0	6,900.0	11,352.0	6,900.0	64.3	62.0	-90.00	2,087.7	507.5	439.4	314.5	124.88	3.519		
11,500.0	6,900.0	11,452.0	6,900.0	66.0	63.7	-90.00	2,187.2	497.0	439.5	311.2	128.22	3.427		
11,600.0	6,900.0	11,552.0	6,900.0	67.7	65.4	-90.00	2,286.6	486.6	439.5	307.9	131.60	3.340		
11,639.7	6,900.0	11,591.7	6,900.0	68.4	66.1	-90.00	2,326.1	482.4	439.5	306.6	132.95	3.306 SF		

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	179.73	-60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	179.73	-60.1	0.3	60.1	59.9	0.22	267.459		
200.0	200.0	200.0	200.0	0.3	0.3	179.73	-60.1	0.3	60.1	59.4	0.67	89.153		
300.0	300.0	300.0	300.0	0.6	0.6	179.73	-60.1	0.3	60.1	59.0	1.12	53.492		
400.0	400.0	400.0	400.0	0.8	0.8	179.73	-60.1	0.3	60.1	58.5	1.57	38.208		
500.0	500.0	500.0	500.0	1.0	1.0	179.73	-60.1	0.3	60.1	58.1	2.02	29.718		
600.0	600.0	600.0	600.0	1.2	1.2	179.73	-60.1	0.3	60.1	57.6	2.47	24.314 CC, ES		
700.0	700.0	698.3	698.3	1.5	1.4	178.79	-61.5	1.3	61.5	58.6	2.89	21.244		
800.0	800.0	796.4	796.2	1.7	1.6	176.20	-65.5	4.3	65.7	62.4	3.31	19.876		
900.0	900.0	894.0	893.5	1.9	1.8	172.58	-72.1	9.4	73.0	69.3	3.74	19.543		
1,000.0	1,000.0	991.0	989.7	2.1	2.1	168.62	-81.3	16.4	83.6	79.4	4.19	19.974		
1,100.0	1,100.0	1,087.0	1,084.7	2.4	2.3	164.82	-93.0	25.2	97.6	92.9	4.65	20.976		
1,200.0	1,200.0	1,182.0	1,178.0	2.6	2.7	161.47	-107.0	35.9	115.0	109.9	5.14	22.397		
1,300.0	1,300.0	1,276.0	1,269.7	2.8	3.0	2.50	-123.4	48.3	134.2	128.7	5.48	24.469		
1,400.0	1,399.8	1,369.4	1,360.2	3.0	3.4	0.14	-141.9	62.4	153.3	147.4	5.88	26.052		
1,500.0	1,499.5	1,462.3	1,449.3	3.2	3.9	-1.91	-162.7	78.1	172.3	166.0	6.29	27.380		
1,600.0	1,598.7	1,554.5	1,536.9	3.4	4.4	-3.75	-185.6	95.5	191.2	184.5	6.71	28.487		
1,700.0	1,697.5	1,646.2	1,623.1	3.6	5.0	-5.43	-210.6	114.4	210.0	202.8	7.14	29.408		
1,800.0	1,795.6	1,737.2	1,707.6	3.9	5.7	-6.99	-237.6	134.9	228.7	221.1	7.58	30.166		
1,900.0	1,893.1	1,827.8	1,790.5	4.2	6.4	-8.45	-266.5	156.9	247.2	239.2	8.04	30.752		
2,000.0	1,989.6	1,918.0	1,872.0	4.6	7.1	-9.84	-297.4	180.3	265.7	257.1	8.52	31.179		
2,100.0	2,085.3	2,016.4	1,960.2	5.1	8.0	-11.30	-332.2	206.6	282.3	273.3	9.05	31.206		
2,200.0	2,179.8	2,115.2	2,048.7	5.6	8.8	-12.74	-367.0	233.1	295.8	286.2	9.61	30.791		
2,300.0	2,273.2	2,214.3	2,137.6	6.2	9.7	-14.22	-402.0	259.6	306.1	295.9	10.21	29.986		
2,400.0	2,365.2	2,313.7	2,226.7	6.9	10.6	-15.78	-437.1	286.3	313.3	302.5	10.86	28.838		
2,500.0	2,455.8	2,413.1	2,315.9	7.6	11.5	-17.47	-472.2	312.9	317.4	305.8	11.59	27.387		
2,600.0	2,544.9	2,512.6	2,405.0	8.4	12.4	-19.33	-507.3	339.5	318.5	306.1	12.41	25.669		
2,658.9	2,596.7	2,571.1	2,457.5	8.9	13.0	-20.53	-528.0	355.2	317.7	304.8	12.94	24.545		
2,700.0	2,632.5	2,611.9	2,494.1	9.3	13.4	-21.39	-542.4	366.1	316.9	303.5	13.37	23.696		
2,800.0	2,719.9	2,711.2	2,583.1	10.2	14.3	-23.51	-577.4	392.7	315.2	300.7	14.49	21.747		
2,900.0	2,807.2	2,810.5	2,672.1	11.1	15.2	-25.65	-612.5	419.3	313.9	298.2	15.72	19.967		
3,000.0	2,894.5	2,909.8	2,761.1	12.1	16.1	-27.80	-647.5	445.9	313.1	296.0	17.06	18.350		
3,100.0	2,981.8	3,009.1	2,850.1	13.0	17.0	-29.96	-682.6	472.5	312.7	294.2	18.51	16.891		
3,133.5	3,011.0	3,042.3	2,879.9	13.3	17.3	-30.68	-694.3	481.4	312.7	293.6	19.02	16.435		
3,200.0	3,069.1	3,108.4	2,939.1	14.0	17.9	-32.12	-717.6	499.1	312.8	292.7	20.07	15.581		
3,300.0	3,156.4	3,207.6	3,028.1	14.9	18.9	-34.28	-752.7	525.6	313.3	291.6	21.74	14.410		
3,400.0	3,243.7	3,306.9	3,117.2	15.9	19.8	-36.42	-787.7	552.2	314.3	290.8	23.51	13.369		
3,500.0	3,331.0	3,406.2	3,206.2	16.9	20.7	-38.56	-822.8	578.8	315.7	290.3	25.37	12.444		
3,600.0	3,418.3	3,505.5	3,295.2	17.8	21.6	-40.66	-857.8	605.4	317.5	290.2	27.31	11.626		
3,700.0	3,505.6	3,604.8	3,384.2	18.8	22.5	-42.75	-892.9	632.0	319.8	290.5	29.34	10.903		
3,800.0	3,593.0	3,704.1	3,473.2	19.8	23.5	-44.80	-927.9	658.6	322.5	291.1	31.43	10.264		
3,900.0	3,680.3	3,803.4	3,562.2	20.8	24.4	-46.81	-963.0	685.2	325.7	292.1	33.58	9.699		
4,000.0	3,767.6	3,902.7	3,651.2	21.8	25.3	-48.79	-998.0	711.8	329.2	293.4	35.78	9.201		
4,100.0	3,854.9	4,002.0	3,740.2	22.7	26.2	-50.72	-1,033.1	738.4	333.1	295.1	38.02	8.761		
4,200.0	3,942.2	4,101.3	3,829.3	23.7	27.2	-52.60	-1,068.1	764.9	337.4	297.1	40.30	8.373		
4,300.0	4,029.5	4,200.6	3,918.3	24.7	28.1	-54.44	-1,103.2	791.5	342.0	299.4	42.60	8.029		
4,400.0	4,116.8	4,299.9	4,007.3	25.7	29.0	-56.22	-1,138.2	818.1	347.0	302.1	44.92	7.725		
4,500.0	4,204.1	4,399.1	4,096.3	26.7	29.9	-57.96	-1,173.3	844.7	352.3	305.1	47.26	7.455		
4,600.0	4,291.4	4,498.4	4,185.3	27.7	30.9	-59.64	-1,208.4	871.3	358.0	308.3	49.61	7.216		
4,700.0	4,378.8	4,597.7	4,274.3	28.7	31.8	-61.27	-1,243.4	897.9	363.9	311.9	51.96	7.004		
4,800.0	4,466.1	4,697.0	4,363.3	29.7	32.7	-62.84	-1,278.5	924.5	370.1	315.8	54.31	6.815		
4,900.0	4,553.4	4,796.3	4,452.3	30.7	33.6	-64.37	-1,313.5	951.1	376.6	319.9	56.66	6.647		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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
5,000.0	4,640.7	4,895.6	4,541.4	31.7	34.6	-65.84	-1,348.6	977.6	383.3	324.3	59.00	6.498	
5,100.0	4,728.0	4,994.9	4,630.4	32.7	35.5	-67.26	-1,383.6	1,004.2	390.3	329.0	61.33	6.365	
5,200.0	4,815.3	5,094.2	4,719.4	33.6	36.4	-68.63	-1,418.7	1,030.8	397.6	333.9	63.65	6.246	
5,300.0	4,902.6	5,193.5	4,808.4	34.6	37.3	-69.95	-1,453.7	1,057.4	405.0	339.1	65.96	6.141	
5,400.0	4,989.9	5,292.8	4,897.4	35.6	38.3	-71.22	-1,488.8	1,084.0	412.7	344.4	68.25	6.046	
5,500.0	5,077.2	5,392.1	4,986.4	36.6	39.2	-72.44	-1,523.8	1,110.6	420.5	350.0	70.53	5.962	
5,600.0	5,164.6	5,491.4	5,075.4	37.6	40.1	-73.63	-1,558.9	1,137.2	428.6	355.8	72.79	5.887	
5,700.0	5,251.9	5,590.6	5,164.5	38.6	41.1	-74.76	-1,593.9	1,163.8	436.8	361.7	75.04	5.820	
5,800.0	5,339.2	5,689.9	5,253.5	39.6	42.0	-75.86	-1,629.0	1,190.4	445.1	367.9	77.27	5.761	
5,900.0	5,426.5	5,789.2	5,342.5	40.6	42.9	-76.91	-1,664.0	1,216.9	453.7	374.2	79.49	5.707	
6,000.0	5,513.8	5,888.5	5,431.5	41.6	43.8	-77.93	-1,699.1	1,243.5	462.4	380.7	81.69	5.660	
6,100.0	5,601.1	5,987.8	5,520.5	42.6	44.8	-78.90	-1,734.1	1,270.1	471.2	387.3	83.88	5.618	
6,200.0	5,688.4	6,087.1	5,609.5	43.6	45.7	-79.85	-1,769.2	1,296.7	480.1	394.1	86.05	5.580	
6,300.0	5,775.7	6,186.4	5,698.5	44.6	46.6	-80.75	-1,804.2	1,323.3	489.2	401.0	88.20	5.547	
6,400.0	5,863.0	6,285.7	5,787.5	45.6	47.5	-81.63	-1,839.3	1,349.9	498.4	408.1	90.34	5.517	
6,429.4	5,888.7	6,314.9	5,813.7	45.9	47.8	-81.88	-1,849.6	1,357.7	501.1	410.2	90.97	5.509	
6,450.0	5,906.8	6,335.4	5,832.1	46.1	48.0	-80.77	-1,856.8	1,363.2	503.0	411.5	91.45	5.500	
6,500.0	5,951.8	6,385.2	5,876.8	46.4	48.5	-77.01	-1,874.4	1,376.5	506.6	414.2	92.37	5.484	
6,550.0	5,997.9	6,435.1	5,921.5	46.7	48.9	-71.42	-1,892.0	1,389.9	509.1	416.0	93.05	5.471	
6,600.0	6,045.1	6,484.7	5,965.9	46.9	49.4	-63.39	-1,909.5	1,403.2	510.5	417.0	93.47	5.461	
6,650.0	6,093.0	6,533.8	6,010.0	47.2	49.9	-52.13	-1,926.9	1,416.3	510.9	417.3	93.64	5.457 SF	
6,700.0	6,141.4	6,582.3	6,053.4	47.3	50.3	-36.97	-1,944.0	1,429.3	510.5	417.0	93.53	5.458	
6,750.0	6,190.1	6,629.7	6,096.0	47.4	50.8	-18.32	-1,960.7	1,442.0	509.6	416.4	93.17	5.469	
6,800.0	6,238.9	6,676.0	6,137.5	47.5	51.2	1.37	-1,977.1	1,454.4	508.3	415.8	92.56	5.492	
6,850.0	6,287.5	6,720.9	6,177.7	47.6	51.6	19.02	-1,992.9	1,466.4	507.2	415.5	91.71	5.530	
6,900.0	6,335.7	6,764.1	6,216.5	47.5	52.0	33.32	-2,008.2	1,478.0	506.5	415.8	90.67	5.586	
6,913.6	6,348.6	6,775.6	6,226.7	47.5	52.1	36.64	-2,012.2	1,481.1	506.5	416.1	90.35	5.606	
6,950.0	6,383.2	6,805.6	6,253.6	47.5	52.4	44.55	-2,022.8	1,489.1	506.8	417.3	89.47	5.664	
7,000.0	6,429.8	6,844.9	6,288.9	47.4	52.8	53.44	-2,036.7	1,499.6	508.5	420.3	88.20	5.765	
7,050.0	6,475.3	6,883.2	6,323.5	47.2	53.0	60.61	-2,049.3	1,510.0	512.0	425.2	86.85	5.895	
7,100.0	6,519.5	6,922.7	6,359.9	47.1	53.3	66.61	-2,060.3	1,520.8	517.5	432.0	85.48	6.054	
7,150.0	6,562.1	6,963.8	6,398.2	46.9	53.5	71.77	-2,069.5	1,532.3	525.1	440.9	84.12	6.242	
7,200.0	6,603.0	7,006.7	6,438.8	46.6	53.7	76.30	-2,076.6	1,544.3	534.6	451.8	82.78	6.458	
7,250.0	6,641.9	7,051.8	6,481.8	46.3	53.9	80.37	-2,081.3	1,557.1	546.1	464.6	81.46	6.703	
7,300.0	6,678.7	7,099.5	6,527.5	46.0	54.1	84.08	-2,083.3	1,570.7	559.3	479.1	80.17	6.977	
7,350.0	6,713.1	7,150.5	6,576.3	45.7	54.2	87.54	-2,081.8	1,585.2	574.2	495.3	78.89	7.279	
7,400.0	6,745.1	7,205.3	6,628.6	45.4	54.3	90.81	-2,076.2	1,600.7	590.5	512.9	77.61	7.609	
7,450.0	6,774.3	7,265.0	6,684.9	45.0	54.4	93.96	-2,065.4	1,617.3	608.0	531.7	76.31	7.968	
7,500.0	6,800.8	7,330.7	6,745.6	44.6	54.4	97.06	-2,047.9	1,635.2	626.3	551.4	74.97	8.354	
7,550.0	6,824.4	7,403.9	6,811.1	44.2	54.3	100.14	-2,021.7	1,654.6	645.2	571.6	73.58	8.768	
7,600.0	6,844.9	7,486.5	6,881.5	43.8	54.1	103.21	-1,983.9	1,675.3	664.0	591.9	72.10	9.208	
7,650.0	6,862.3	7,580.6	6,956.0	43.4	53.8	106.28	-1,930.9	1,697.1	682.1	611.6	70.57	9.667	
7,700.0	6,876.5	7,688.6	7,032.5	43.0	53.3	109.24	-1,858.2	1,719.5	699.0	629.9	69.03	10.125	
7,750.0	6,887.4	7,812.4	7,106.2	42.7	52.6	111.95	-1,761.2	1,740.9	713.5	645.8	67.65	10.547	
7,800.0	6,894.9	7,952.4	7,168.8	42.3	51.8	114.14	-1,637.6	1,758.9	724.6	658.0	66.64	10.874	
7,850.0	6,899.1	8,105.9	7,209.6	41.9	50.7	115.52	-1,490.3	1,770.3	731.4	665.1	66.29	11.033	
7,886.2	6,900.0	8,221.9	7,219.9	41.6	50.0	115.88	-1,374.9	1,772.8	733.1	666.5	66.57	11.012	
7,900.0	6,900.0	8,241.8	7,220.0	41.5	49.8	115.88	-1,355.0	1,772.7	733.1	666.8	66.36	11.047	
8,000.0	6,900.0	8,341.8	7,220.0	40.7	49.1	115.88	-1,255.0	1,772.2	733.1	667.9	65.16	11.251	
8,100.0	6,900.0	8,441.8	7,220.0	40.0	48.5	115.88	-1,155.0	1,771.8	733.1	669.0	64.08	11.440	
8,200.0	6,900.0	8,541.8	7,220.0	39.4	47.8	115.88	-1,055.0	1,771.3	733.1	669.9	63.18	11.603	
8,300.0	6,900.0	8,641.8	7,220.0	38.8	47.2	115.88	-955.0	1,770.8	733.0	670.6	62.47	11.735	

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,400.0	6,900.0	8,741.8	7,220.0	38.3	46.7	115.88	-855.0	1,770.3	733.0	671.1	61.94	11.834	
8,500.0	6,900.0	8,841.8	7,220.0	37.8	46.1	115.88	-755.0	1,769.8	733.0	671.4	61.62	11.896	
8,600.0	6,900.0	8,941.8	7,220.0	37.4	45.6	115.89	-655.0	1,769.4	733.0	671.5	61.49	11.920	
8,700.0	6,900.0	9,041.8	7,220.0	37.1	45.1	115.89	-555.0	1,768.9	733.0	671.4	61.57	11.905	
8,800.0	6,900.0	9,141.8	7,220.0	36.9	44.7	115.89	-455.0	1,768.4	732.9	671.1	61.84	11.852	
8,900.0	6,900.0	9,241.8	7,220.0	36.8	44.2	115.89	-355.0	1,767.9	732.9	670.6	62.31	11.762	
9,000.0	6,900.0	9,341.8	7,220.0	36.8	43.8	115.89	-255.0	1,767.4	732.9	669.9	62.98	11.637	
9,100.0	6,900.0	9,441.8	7,220.0	36.9	43.5	115.89	-155.0	1,767.0	732.9	669.1	63.83	11.482	
9,200.0	6,900.0	9,541.8	7,220.0	37.2	43.2	115.89	-55.0	1,766.5	732.9	668.0	64.86	11.299	
9,300.0	6,900.0	9,641.8	7,220.0	37.6	42.9	115.89	45.0	1,766.0	732.8	666.8	66.06	11.093	
9,400.0	6,900.0	9,741.8	7,220.0	38.1	42.7	115.89	145.0	1,765.5	732.8	665.4	67.43	10.868	
9,500.0	6,900.0	9,841.8	7,220.0	38.7	42.6	115.89	245.0	1,765.0	732.8	663.9	68.95	10.629	
9,600.0	6,900.0	9,941.8	7,220.0	39.5	42.7	115.89	345.0	1,764.6	732.8	662.2	70.61	10.379	
9,700.0	6,900.0	10,041.8	7,220.0	40.4	43.0	115.89	445.0	1,764.1	732.8	660.4	72.40	10.121	
9,768.9	6,900.0	10,110.8	7,220.0	41.1	43.4	115.89	513.9	1,763.7	732.7	659.0	73.70	9.943	
9,800.0	6,900.0	10,155.8	7,220.0	41.4	43.7	115.90	559.0	1,763.1	732.7	658.2	74.50	9.835	
9,900.0	6,900.0	10,305.8	7,220.0	42.2	44.9	115.97	708.6	1,753.3	731.0	654.2	76.79	9.520	
9,955.0	6,900.0	10,360.9	7,220.0	42.7	45.5	115.99	763.4	1,747.7	730.3	652.4	77.89	9.376	
9,959.0	6,900.0	10,364.9	7,220.0	42.7	45.6	115.99	767.4	1,747.3	730.3	652.3	77.97	9.367	
10,000.0	6,900.0	10,405.8	7,220.0	43.2	46.1	115.98	808.1	1,743.1	730.4	651.6	78.75	9.274	
10,100.0	6,900.0	10,505.8	7,220.0	44.4	47.4	115.98	907.6	1,732.9	730.6	649.6	81.02	9.018	
10,200.0	6,900.0	10,605.8	7,220.0	45.8	48.8	115.97	1,007.1	1,722.8	730.8	647.4	83.37	8.765	
10,300.0	6,900.0	10,705.8	7,220.0	47.2	50.2	115.96	1,106.5	1,712.6	731.0	645.1	85.82	8.518	
10,400.0	6,900.0	10,805.8	7,220.0	48.6	51.6	115.96	1,206.0	1,702.4	731.1	642.8	88.34	8.277	
10,500.0	6,900.0	10,905.8	7,220.0	50.0	53.1	115.95	1,305.5	1,692.2	731.3	640.4	90.93	8.043	
10,600.0	6,900.0	11,005.8	7,220.0	51.5	54.6	115.94	1,405.0	1,682.0	731.5	637.9	93.59	7.816	
10,700.0	6,900.0	11,105.8	7,220.0	53.1	56.2	115.93	1,504.5	1,671.8	731.7	635.4	96.32	7.597	
10,800.0	6,900.0	11,205.8	7,220.0	54.6	57.7	115.93	1,603.9	1,661.6	731.9	632.8	99.09	7.386	
10,900.0	6,900.0	11,305.8	7,220.0	56.2	59.3	115.92	1,703.4	1,651.5	732.1	630.2	101.92	7.183	
11,000.0	6,900.0	11,405.8	7,220.0	57.8	60.9	115.91	1,802.9	1,641.3	732.3	627.5	104.80	6.987	
11,100.0	6,900.0	11,505.8	7,220.0	59.4	62.5	115.91	1,902.4	1,631.1	732.5	624.7	107.72	6.800	
11,200.0	6,900.0	11,605.8	7,220.0	61.0	64.2	115.90	2,001.9	1,620.9	732.7	622.0	110.68	6.619	
11,300.0	6,900.0	11,705.8	7,220.0	62.6	65.8	115.89	2,101.3	1,610.7	732.8	619.2	113.68	6.446	
11,400.0	6,900.0	11,805.8	7,220.0	64.3	67.5	115.88	2,200.8	1,600.5	733.0	616.3	116.71	6.281	
11,500.0	6,900.0	11,905.8	7,220.0	66.0	69.2	115.88	2,300.3	1,590.3	733.2	613.4	119.78	6.121	
11,542.2	6,900.0	11,948.0	7,220.0	66.7	69.9	115.87	2,342.3	1,586.1	733.3	612.2	121.08	6.056	
11,600.0	6,900.0	11,975.8	7,220.0	67.7	70.3	115.87	2,369.9	1,583.2	734.0	611.6	122.41	5.997	
11,639.7	6,900.0	11,975.8	7,220.0	68.4	70.3	115.87	2,369.9	1,583.2	736.8	613.8	123.03	5.989	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-40.1	0.0	40.1	39.9	0.22	178.310		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-40.1	0.0	40.1	39.4	0.67	59.437		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-40.1	0.0	40.1	39.0	1.12	35.662		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-40.1	0.0	40.1	38.5	1.57	25.473		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-40.1	0.0	40.1	38.1	2.02	19.812		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-40.1	0.0	40.1	37.6	2.47	16.210		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-40.1	0.0	40.1	37.2	2.92	13.716		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-40.1	0.0	40.1	36.7	3.37	11.887 CC, ES		
900.0	900.0	898.8	898.8	1.9	1.9	178.73	-41.5	0.9	41.5	37.7	3.79	10.950		
1,000.0	1,000.0	997.4	997.2	2.1	2.1	175.40	-45.8	3.7	46.0	41.8	4.20	10.954		
1,100.0	1,100.0	1,095.5	1,094.9	2.4	2.3	171.13	-52.9	8.3	53.7	49.1	4.62	11.625		
1,200.0	1,200.0	1,192.9	1,191.6	2.6	2.5	166.91	-62.7	14.6	64.9	59.8	5.06	12.822		
1,300.0	1,300.0	1,289.6	1,287.3	2.8	2.7	7.22	-75.2	22.6	77.8	72.4	5.45	14.281		
1,400.0	1,399.8	1,386.0	1,381.9	3.0	3.0	4.39	-90.3	32.4	90.7	84.9	5.83	15.567		
1,500.0	1,499.5	1,481.9	1,475.4	3.2	3.4	2.01	-108.0	43.8	103.6	97.4	6.22	16.669		
1,600.0	1,598.7	1,577.3	1,567.8	3.4	3.8	-0.07	-128.2	56.8	116.5	109.9	6.61	17.609		
1,700.0	1,697.5	1,672.4	1,659.0	3.6	4.3	-1.94	-150.8	71.4	129.3	122.2	7.02	18.409		
1,800.0	1,795.6	1,767.0	1,748.8	3.9	4.8	-3.66	-175.9	87.6	142.0	134.6	7.44	19.078		
1,900.0	1,893.1	1,861.3	1,837.1	4.2	5.4	-5.27	-203.4	105.3	154.7	146.8	7.87	19.646		
2,000.0	1,989.6	1,955.1	1,924.0	4.6	6.0	-6.79	-233.1	124.5	167.3	158.9	8.33	20.080		
2,100.0	2,085.3	2,048.5	2,009.4	5.1	6.7	-8.23	-265.1	145.1	179.8	171.0	8.81	20.410		
2,200.0	2,179.8	2,141.6	2,093.1	5.6	7.5	-9.62	-299.3	167.2	192.2	182.9	9.32	20.631		
2,300.0	2,273.2	2,236.3	2,177.0	6.2	8.4	-11.00	-336.3	191.0	204.4	194.6	9.87	20.715		
2,400.0	2,365.2	2,335.7	2,264.6	6.9	9.3	-12.46	-375.6	216.4	214.1	203.7	10.48	20.426		
2,500.0	2,455.8	2,435.3	2,352.5	7.6	10.2	-14.01	-415.1	241.8	220.6	209.4	11.16	19.771		
2,600.0	2,544.9	2,535.0	2,440.4	8.4	11.1	-15.73	-454.5	267.3	223.9	212.0	11.91	18.795		
2,658.9	2,596.7	2,593.8	2,492.3	8.9	11.7	-16.84	-477.8	282.3	224.3	211.9	12.40	18.087		
2,700.0	2,632.5	2,634.7	2,528.4	9.3	12.1	-17.65	-494.0	292.7	224.3	211.5	12.80	17.517		
2,711.8	2,642.9	2,646.5	2,538.8	9.4	12.2	-17.88	-498.7	295.8	224.3	211.4	12.92	17.355		
2,800.0	2,719.9	2,734.4	2,616.3	10.2	13.0	-19.62	-533.5	318.2	224.4	210.5	13.85	16.206		
2,900.0	2,807.2	2,834.1	2,704.3	11.1	14.0	-21.58	-573.0	343.7	224.8	209.8	14.98	15.001		
3,000.0	2,894.5	2,933.8	2,792.2	12.1	15.0	-23.53	-612.4	369.1	225.4	209.2	16.22	13.897		
3,100.0	2,981.8	3,033.5	2,880.2	13.0	15.9	-25.47	-651.9	394.6	226.3	208.7	17.55	12.892		
3,200.0	3,069.1	3,133.2	2,968.1	14.0	16.9	-27.39	-691.4	420.0	227.4	208.5	18.98	11.982		
3,300.0	3,156.4	3,232.9	3,056.1	14.9	17.9	-29.29	-730.9	445.5	228.8	208.3	20.50	11.160		
3,400.0	3,243.7	3,332.6	3,144.0	15.9	18.8	-31.17	-770.4	470.9	230.5	208.4	22.12	10.422		
3,500.0	3,331.0	3,432.3	3,231.9	16.9	19.8	-33.02	-809.8	496.4	232.4	208.6	23.81	9.759		
3,600.0	3,418.3	3,532.0	3,319.9	17.8	20.8	-34.83	-849.3	521.9	234.5	208.9	25.59	9.166		
3,700.0	3,505.6	3,631.8	3,407.8	18.8	21.7	-36.61	-888.8	547.3	236.9	209.5	27.43	8.635		
3,800.0	3,593.0	3,731.5	3,495.8	19.8	22.7	-38.36	-928.3	572.8	239.5	210.2	29.35	8.161		
3,900.0	3,680.3	3,831.2	3,583.7	20.8	23.7	-40.06	-967.7	598.2	242.3	211.0	31.32	7.738		
4,000.0	3,767.6	3,930.9	3,671.7	21.8	24.7	-41.73	-1,007.2	623.7	245.3	212.0	33.34	7.359		
4,100.0	3,854.9	4,030.6	3,759.6	22.7	25.7	-43.35	-1,046.7	649.2	248.6	213.2	35.41	7.020		
4,200.0	3,942.2	4,130.3	3,847.5	23.7	26.6	-44.93	-1,086.2	674.6	252.0	214.5	37.52	6.716		
4,300.0	4,029.5	4,230.0	3,935.5	24.7	27.6	-46.47	-1,125.6	700.1	255.6	215.9	39.67	6.443		
4,400.0	4,116.8	4,329.7	4,023.4	25.7	28.6	-47.96	-1,165.1	725.5	259.4	217.5	41.84	6.199		
4,500.0	4,204.1	4,429.4	4,111.4	26.7	29.6	-49.41	-1,204.6	751.0	263.4	219.3	44.05	5.979		
4,600.0	4,291.4	4,529.1	4,199.3	27.7	30.6	-50.82	-1,244.1	776.4	267.5	221.2	46.27	5.781		
4,700.0	4,378.8	4,628.8	4,287.3	28.7	31.5	-52.18	-1,283.5	801.9	271.8	223.3	48.51	5.602		
4,800.0	4,466.1	4,728.5	4,375.2	29.7	32.5	-53.50	-1,323.0	827.4	276.2	225.4	50.77	5.441		
4,900.0	4,553.4	4,828.2	4,463.1	30.7	33.5	-54.78	-1,362.5	852.8	280.8	227.7	53.03	5.294		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
5,000.0	4,640.7	4,927.9	4,551.1	31.7	34.5	-56.02	-1,402.0	878.3	285.5	230.2	55.30	5.162		
5,100.0	4,728.0	5,027.6	4,639.0	32.7	35.5	-57.21	-1,441.5	903.7	290.3	232.7	57.58	5.042		
5,200.0	4,815.3	5,127.3	4,727.0	33.6	36.4	-58.37	-1,480.9	929.2	295.3	235.4	59.86	4.932		
5,300.0	4,902.6	5,227.0	4,814.9	34.6	37.4	-59.49	-1,520.4	954.7	300.4	238.2	62.15	4.833		
5,400.0	4,989.9	5,326.7	4,902.9	35.6	38.4	-60.57	-1,559.9	980.1	305.5	241.1	64.43	4.742		
5,500.0	5,077.2	5,426.4	4,990.8	36.6	39.4	-61.61	-1,599.4	1,005.6	310.8	244.1	66.71	4.659		
5,600.0	5,164.6	5,526.1	5,078.7	37.6	40.4	-62.62	-1,638.8	1,031.0	316.2	247.2	68.99	4.583		
5,700.0	5,251.9	5,625.8	5,166.7	38.6	41.4	-63.60	-1,678.3	1,056.5	321.7	250.4	71.27	4.514		
5,800.0	5,339.2	5,725.5	5,254.6	39.6	42.3	-64.54	-1,717.8	1,081.9	327.3	253.7	73.54	4.450		
5,900.0	5,426.5	5,825.2	5,342.6	40.6	43.3	-65.45	-1,757.3	1,107.4	333.0	257.1	75.81	4.392		
6,000.0	5,513.8	5,924.9	5,430.5	41.6	44.3	-66.33	-1,796.7	1,132.9	338.7	260.6	78.07	4.338		
6,100.0	5,601.1	6,024.6	5,518.5	42.6	45.3	-67.18	-1,836.2	1,158.3	344.5	264.2	80.33	4.289		
6,200.0	5,688.4	6,124.3	5,606.4	43.6	46.3	-68.00	-1,875.7	1,183.8	350.4	267.8	82.57	4.244		
6,300.0	5,775.7	6,224.0	5,694.3	44.6	47.2	-68.80	-1,915.2	1,209.2	356.4	271.6	84.82	4.202		
6,400.0	5,863.0	6,323.7	5,782.3	45.6	48.2	-69.57	-1,954.6	1,234.7	362.4	275.4	87.05	4.163		
6,429.4	5,888.7	6,353.0	5,808.2	45.9	48.5	-69.79	-1,966.3	1,242.2	364.2	276.5	87.71	4.152		
6,450.0	5,906.8	6,373.6	5,826.3	46.1	48.7	-68.60	-1,974.4	1,247.4	365.4	277.2	88.17	4.144		
6,500.0	5,951.8	6,423.5	5,870.3	46.4	49.2	-64.58	-1,994.2	1,260.2	368.1	279.1	88.99	4.137		
6,550.0	5,997.9	6,473.2	5,914.2	46.7	49.7	-58.62	-2,013.9	1,272.9	370.4	281.0	89.43	4.142		
6,600.0	6,045.1	6,521.4	5,956.8	46.9	50.2	-50.22	-2,032.7	1,285.2	372.5	283.0	89.51	4.161		
6,650.0	6,093.0	6,568.4	5,999.3	47.2	50.5	-38.95	-2,048.6	1,297.5	374.7	285.3	89.40	4.191		
6,700.0	6,141.4	6,615.9	6,043.1	47.3	50.8	-24.18	-2,061.6	1,310.1	377.0	287.9	89.15	4.229		
6,750.0	6,190.1	6,663.8	6,088.1	47.4	51.0	-6.28	-2,071.7	1,323.1	379.6	290.8	88.79	4.275		
6,800.0	6,238.9	6,712.2	6,134.1	47.5	51.3	12.35	-2,078.8	1,336.4	382.4	294.0	88.35	4.328		
6,850.0	6,287.5	6,761.2	6,181.1	47.6	51.4	28.68	-2,082.5	1,349.9	385.3	297.4	87.82	4.387		
6,900.0	6,335.7	6,810.8	6,228.7	47.5	51.6	41.46	-2,083.0	1,363.6	388.3	301.1	87.23	4.452		
6,950.0	6,383.2	6,860.9	6,276.8	47.5	51.7	51.06	-2,079.9	1,377.4	391.6	305.0	86.58	4.523		
7,000.0	6,429.8	6,911.7	6,325.2	47.4	51.7	58.31	-2,073.2	1,391.3	394.9	309.0	85.88	4.598		
7,050.0	6,475.3	6,963.1	6,373.5	47.2	51.7	63.90	-2,062.9	1,405.1	398.3	313.2	85.14	4.678		
7,100.0	6,519.5	7,015.2	6,421.7	47.1	51.7	68.34	-2,048.8	1,418.9	401.8	317.4	84.38	4.762		
7,150.0	6,562.1	7,067.9	6,469.3	46.9	51.6	71.95	-2,030.8	1,432.5	405.3	321.7	83.60	4.849		
7,200.0	6,603.0	7,121.3	6,516.2	46.6	51.5	74.95	-2,008.9	1,445.8	408.9	326.1	82.81	4.937		
7,250.0	6,641.9	7,175.3	6,561.9	46.3	51.4	77.48	-1,983.1	1,458.9	412.4	330.3	82.04	5.027		
7,300.0	6,678.7	7,230.1	6,606.1	46.0	51.1	79.64	-1,953.4	1,471.4	415.8	334.6	81.27	5.117		
7,350.0	6,713.1	7,285.5	6,648.5	45.7	50.9	81.50	-1,919.9	1,483.5	419.2	338.7	80.53	5.205		
7,400.0	6,745.1	7,341.6	6,688.8	45.4	50.6	83.11	-1,882.5	1,494.9	422.4	342.6	79.82	5.292		
7,450.0	6,774.3	7,398.3	6,726.6	45.0	50.3	84.50	-1,841.6	1,505.5	425.4	346.3	79.16	5.375		
7,500.0	6,800.8	7,455.7	6,761.5	44.6	50.0	85.71	-1,797.2	1,515.3	428.3	349.7	78.54	5.453		
7,550.0	6,824.4	7,513.6	6,793.1	44.2	49.6	86.75	-1,749.5	1,524.2	430.9	352.9	77.97	5.526		
7,600.0	6,844.9	7,572.0	6,821.2	43.8	49.2	87.63	-1,698.9	1,532.0	433.2	355.7	77.47	5.592		
7,650.0	6,862.3	7,630.9	6,845.4	43.4	48.8	88.36	-1,645.7	1,538.7	435.2	358.2	77.03	5.650		
7,700.0	6,876.5	7,690.2	6,865.5	43.0	48.4	88.95	-1,590.1	1,544.2	436.9	360.3	76.65	5.700		
7,750.0	6,887.4	7,749.9	6,881.1	42.7	48.0	89.41	-1,532.7	1,548.5	438.2	361.9	76.34	5.740		
7,800.0	6,894.9	7,809.8	6,892.2	42.3	47.5	89.74	-1,473.9	1,551.4	439.2	363.1	76.10	5.771		
7,850.0	6,899.1	7,869.9	6,898.4	41.9	47.1	89.93	-1,414.2	1,552.9	439.8	363.8	75.92	5.792		
7,886.2	6,900.0	7,913.4	6,900.0	41.6	46.8	90.00	-1,370.7	1,553.1	439.9	364.1	75.82	5.802		
7,900.0	6,900.0	7,928.1	6,900.0	41.5	46.7	90.00	-1,356.1	1,553.1	439.9	364.3	75.64	5.816		
8,000.0	6,900.0	8,028.1	6,900.0	40.7	46.0	90.00	-1,256.1	1,552.6	439.9	365.5	74.39	5.914		
8,100.0	6,900.0	8,128.1	6,900.0	40.0	45.3	90.00	-1,156.1	1,552.1	439.9	366.6	73.28	6.003		
8,200.0	6,900.0	8,228.1	6,900.0	39.4	44.7	90.00	-1,056.1	1,551.6	439.9	367.5	72.35	6.080		
8,300.0	6,900.0	8,328.1	6,900.0	38.8	44.1	90.00	-956.1	1,551.2	439.9	368.2	71.62	6.142		
8,400.0	6,900.0	8,428.1	6,900.0	38.3	43.5	90.00	-856.1	1,550.7	439.8	368.8	71.08	6.188		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Well Error:	0.0 ft
Survey Program: 0-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
8,500.0	6,900.0	8,528.1	6,900.0	37.8	43.0	90.00	-756.1	1,550.2	439.8	369.1	70.76	6.216	
8,600.0	6,900.0	8,628.1	6,900.0	37.4	42.5	90.00	-656.1	1,549.7	439.8	369.2	70.64	6.226	
8,700.0	6,900.0	8,728.1	6,900.0	37.1	42.0	90.00	-556.1	1,549.3	439.8	369.1	70.73	6.218	
8,800.0	6,900.0	8,828.1	6,900.0	36.9	41.6	90.00	-456.1	1,548.8	439.8	368.8	71.03	6.192	
8,900.0	6,900.0	8,928.1	6,900.0	36.8	41.2	90.00	-356.1	1,548.3	439.8	368.2	71.53	6.148	
9,000.0	6,900.0	9,028.1	6,900.0	36.8	40.9	90.00	-256.1	1,547.8	439.8	367.5	72.24	6.088	
9,100.0	6,900.0	9,128.1	6,900.0	36.9	40.7	90.00	-156.1	1,547.4	439.7	366.6	73.14	6.013	
9,200.0	6,900.0	9,228.1	6,900.0	37.2	40.5	90.00	-56.1	1,546.9	439.7	365.5	74.23	5.924	
9,300.0	6,900.0	9,328.1	6,900.0	37.6	40.5	90.00	43.9	1,546.4	439.7	364.2	75.50	5.824	
9,400.0	6,900.0	9,428.1	6,900.0	38.1	40.6	90.00	143.9	1,546.0	439.7	362.8	76.94	5.715	
9,500.0	6,900.0	9,528.1	6,900.0	38.7	40.9	90.00	243.9	1,545.5	439.7	361.1	78.54	5.598	
9,600.0	6,900.0	9,628.1	6,900.0	39.5	41.3	90.00	343.9	1,545.0	439.7	359.4	80.29	5.476	
9,700.0	6,900.0	9,728.1	6,900.0	40.4	42.0	90.00	443.9	1,544.5	439.7	357.5	82.19	5.349	
9,768.9	6,900.0	9,797.0	6,900.0	41.1	42.6	90.00	512.8	1,544.2	439.6	356.1	83.57	5.261	
9,800.0	6,900.0	9,836.4	6,900.0	41.4	42.9	90.00	552.2	1,543.7	439.6	355.4	84.23	5.219	
9,900.0	6,900.0	9,966.3	6,900.0	42.2	44.0	90.00	681.9	1,536.2	438.6	352.5	86.07	5.095	
9,956.7	6,900.0	10,027.9	6,900.0	42.7	44.7	90.00	743.1	1,530.0	437.8	350.7	87.07	5.028	
9,959.0	6,900.0	10,030.2	6,900.0	42.7	44.7	90.00	745.5	1,529.7	437.8	350.7	87.11	5.026	
10,000.0	6,900.0	10,071.2	6,900.0	43.2	45.2	90.00	786.2	1,525.5	437.9	349.9	88.00	4.976	
10,100.0	6,900.0	10,171.2	6,900.0	44.4	46.5	90.00	885.7	1,515.3	438.0	347.6	90.40	4.845	
10,200.0	6,900.0	10,271.2	6,900.0	45.8	47.9	90.00	985.2	1,505.0	438.1	345.2	92.91	4.715	
10,300.0	6,900.0	10,371.2	6,900.0	47.2	49.3	90.00	1,084.6	1,494.7	438.2	342.7	95.52	4.588	
10,400.0	6,900.0	10,471.2	6,900.0	48.6	50.8	90.00	1,184.1	1,484.4	438.4	340.1	98.23	4.463	
10,500.0	6,900.0	10,571.2	6,900.0	50.0	52.2	90.00	1,283.6	1,474.2	438.5	337.5	101.01	4.341	
10,600.0	6,900.0	10,671.2	6,900.0	51.5	53.7	90.00	1,383.0	1,463.9	438.6	334.7	103.86	4.223	
10,700.0	6,900.0	10,771.2	6,900.0	53.1	55.3	90.00	1,482.5	1,453.6	438.7	331.9	106.79	4.108	
10,800.0	6,900.0	10,871.2	6,900.0	54.6	56.8	90.00	1,582.0	1,443.4	438.8	329.1	109.78	3.998	
10,900.0	6,900.0	10,971.2	6,900.0	56.2	58.4	90.00	1,681.5	1,433.1	439.0	326.1	112.82	3.891	
11,000.0	6,900.0	11,071.2	6,900.0	57.8	60.0	90.00	1,780.9	1,422.8	439.1	323.2	115.92	3.788	
11,100.0	6,900.0	11,171.2	6,900.0	59.4	61.6	90.00	1,880.4	1,412.5	439.2	320.1	119.07	3.689	
11,200.0	6,900.0	11,271.2	6,900.0	61.0	63.3	90.00	1,979.9	1,402.3	439.3	317.1	122.27	3.593	
11,300.0	6,900.0	11,371.2	6,900.0	62.6	64.9	90.00	2,079.3	1,392.0	439.5	313.9	125.50	3.501	
11,400.0	6,900.0	11,471.2	6,900.0	64.3	66.6	90.00	2,178.8	1,381.7	439.6	310.8	128.78	3.413	
11,500.0	6,900.0	11,571.2	6,900.0	66.0	68.3	90.00	2,278.3	1,371.4	439.7	307.6	132.09	3.329	
11,554.0	6,900.0	11,625.2	6,900.0	66.9	69.2	90.00	2,332.0	1,365.9	439.8	305.9	133.90	3.284	
11,600.0	6,900.0	11,664.0	6,900.0	67.7	69.8	90.00	2,370.6	1,361.9	439.9	304.6	135.32	3.251 SF	
11,639.7	6,900.0	11,664.0	6,900.0	68.4	69.8	90.00	2,370.6	1,361.9	442.4	306.4	135.99	3.253	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference	Offset	Semi Major Axis		Distance		Warning								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	179.20	-20.0	0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	179.20	-20.0	0.3	20.0	19.8	0.22	89.173		
200.0	200.0	200.0	200.0	0.3	0.3	179.20	-20.0	0.3	20.0	19.4	0.67	29.724		
300.0	300.0	300.0	300.0	0.6	0.6	179.20	-20.0	0.3	20.0	18.9	1.12	17.835		
400.0	400.0	400.0	400.0	0.8	0.8	179.20	-20.0	0.3	20.0	18.5	1.57	12.739		
500.0	500.0	500.0	500.0	1.0	1.0	179.20	-20.0	0.3	20.0	18.0	2.02	9.908		
600.0	600.0	600.0	600.0	1.2	1.2	179.20	-20.0	0.3	20.0	17.6	2.47	8.107		
700.0	700.0	700.0	700.0	1.5	1.5	179.20	-20.0	0.3	20.0	17.1	2.92	6.859		
800.0	800.0	800.0	800.0	1.7	1.7	179.20	-20.0	0.3	20.0	16.7	3.37	5.945		
900.0	900.0	900.0	900.0	1.9	1.9	179.20	-20.0	0.3	20.0	16.2	3.82	5.245		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	179.20	-20.0	0.3	20.0	15.8	4.27	4.693 CC, ES		
1,100.0	1,100.0	1,099.3	1,099.3	2.4	2.3	177.06	-21.6	1.1	21.6	16.9	4.69	4.601		
1,200.0	1,200.0	1,198.5	1,198.3	2.6	2.5	172.16	-26.1	3.6	26.4	21.3	5.10	5.171		
1,300.0	1,300.0	1,297.2	1,296.7	2.8	2.7	11.47	-33.5	7.7	32.9	27.4	5.48	5.998		
1,400.0	1,399.8	1,395.8	1,394.5	3.0	2.9	8.03	-44.0	13.4	39.4	33.6	5.84	6.746		
1,500.0	1,499.5	1,494.1	1,491.7	3.2	3.2	5.23	-57.3	20.8	46.0	39.7	6.21	7.399		
1,600.0	1,598.7	1,592.2	1,588.0	3.4	3.5	2.83	-73.5	29.7	52.5	45.9	6.59	7.969		
1,700.0	1,697.5	1,690.1	1,683.4	3.6	3.8	0.70	-92.5	40.1	59.0	52.1	6.97	8.464		
1,800.0	1,795.6	1,787.8	1,777.9	3.9	4.2	-1.26	-114.4	52.1	65.5	58.2	7.37	8.893		
1,900.0	1,893.1	1,885.2	1,871.2	4.2	4.7	-3.07	-138.9	65.6	72.0	64.2	7.78	9.259		
2,000.0	1,989.6	1,982.4	1,963.2	4.6	5.2	-4.79	-166.2	80.6	78.5	70.3	8.21	9.565		
2,100.0	2,085.3	2,079.4	2,054.0	5.1	5.8	-6.42	-196.1	97.1	85.0	76.3	8.65	9.818		
2,200.0	2,179.8	2,176.2	2,143.4	5.6	6.4	-7.99	-228.7	115.0	91.4	82.3	9.14	10.003		
2,300.0	2,273.2	2,272.7	2,231.3	6.2	7.2	-9.51	-263.8	134.2	97.8	88.2	9.66	10.130		
2,400.0	2,365.2	2,370.5	2,319.0	6.9	8.0	-11.03	-301.7	155.1	104.0	93.7	10.23	10.166		
2,500.0	2,455.8	2,470.4	2,408.3	7.6	8.8	-12.77	-340.9	176.6	107.4	96.5	10.87	9.879		
2,600.0	2,544.9	2,570.3	2,497.6	8.4	9.7	-14.87	-380.1	198.2	107.5	95.9	11.60	9.263		
2,658.9	2,596.7	2,629.1	2,550.2	8.9	10.2	-16.36	-403.2	210.9	106.1	94.0	12.10	8.764		
2,700.0	2,632.5	2,670.2	2,586.9	9.3	10.5	-17.49	-419.3	219.7	104.7	92.2	12.52	8.362		
2,800.0	2,719.9	2,770.0	2,676.1	10.2	11.4	-20.34	-458.5	241.3	101.6	87.9	13.65	7.441		
2,900.0	2,807.2	2,869.8	2,765.3	11.1	12.3	-23.38	-497.7	262.8	98.7	83.8	14.95	6.604		
3,000.0	2,894.5	2,969.6	2,854.6	12.1	13.2	-26.58	-536.9	284.4	96.2	79.7	16.43	5.851		
3,100.0	2,981.8	3,069.4	2,943.8	13.0	14.1	-29.94	-576.1	305.9	93.9	75.8	18.12	5.183		
3,200.0	3,069.1	3,169.2	3,033.1	14.0	15.0	-33.46	-615.2	327.4	92.0	72.0	20.01	4.599		
3,300.0	3,156.4	3,269.1	3,122.3	14.9	15.9	-37.11	-654.4	349.0	90.5	68.4	22.10	4.094		
3,400.0	3,243.7	3,368.9	3,211.5	15.9	16.8	-40.87	-693.6	370.5	89.3	64.9	24.37	3.665		
3,500.0	3,331.0	3,468.7	3,300.8	16.9	17.7	-44.72	-732.8	392.0	88.5	61.7	26.80	3.303		
3,600.0	3,418.3	3,568.5	3,390.0	17.8	18.6	-48.61	-772.0	413.6	88.2	58.8	29.36	3.003		
3,638.2	3,451.7	3,606.6	3,424.1	18.2	19.0	-50.10	-786.9	421.8	88.1	57.8	30.37	2.903		
3,700.0	3,505.6	3,668.3	3,479.3	18.8	19.5	-52.51	-811.2	435.1	88.2	56.2	32.02	2.755		
3,800.0	3,593.0	3,768.2	3,568.5	19.8	20.4	-56.40	-850.4	456.7	88.7	54.0	34.73	2.554		
3,900.0	3,680.3	3,868.0	3,657.8	20.8	21.4	-60.22	-889.6	478.2	89.5	52.1	37.46	2.391		
4,000.0	3,767.6	3,967.8	3,747.0	21.8	22.3	-63.96	-928.7	499.7	90.8	50.6	40.17	2.260		
4,100.0	3,854.9	4,067.6	3,836.2	22.7	23.2	-67.58	-967.9	521.3	92.4	49.6	42.84	2.158		
4,200.0	3,942.2	4,167.4	3,925.5	23.7	24.1	-71.06	-1,007.1	542.8	94.4	49.0	45.44	2.078		
4,300.0	4,029.5	4,267.3	4,014.7	24.7	25.0	-74.39	-1,046.3	564.4	96.7	48.8	47.96	2.017		
4,400.0	4,116.8	4,367.1	4,104.0	25.7	26.0	-77.55	-1,085.5	585.9	99.4	49.0	50.39	1.972		
4,500.0	4,204.1	4,466.9	4,193.2	26.7	26.9	-80.54	-1,124.7	607.4	102.3	49.6	52.73	1.940		
4,600.0	4,291.4	4,566.7	4,282.5	27.7	27.8	-83.36	-1,163.9	629.0	105.5	50.5	54.97	1.919		
4,700.0	4,378.8	4,666.5	4,371.7	28.7	28.7	-86.01	-1,203.0	650.5	108.9	51.8	57.11	1.907		
4,800.0	4,466.1	4,766.3	4,460.9	29.7	29.6	-88.49	-1,242.2	672.1	112.5	53.4	59.17	1.902		
4,900.0	4,553.4	4,866.2	4,550.2	30.7	30.6	-90.81	-1,281.4	693.6	116.4	55.2	61.16	1.903		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWDD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,640.7	4,966.0	4,639.4	31.7	31.5	-92.98	-1,320.6	715.1	120.4	57.3	63.06	1.909		
5,100.0	4,728.0	5,065.8	4,728.7	32.7	32.4	-95.01	-1,359.8	736.7	124.6	59.7	64.90	1.919		
5,200.0	4,815.3	5,165.6	4,817.9	33.6	33.3	-96.91	-1,399.0	758.2	128.9	62.2	66.69	1.933		
5,300.0	4,902.6	5,265.4	4,907.2	34.6	34.2	-98.68	-1,438.2	779.8	133.4	64.9	68.42	1.949		
5,400.0	4,989.9	5,365.3	4,996.4	35.6	35.2	-100.33	-1,477.4	801.3	137.9	67.8	70.10	1.968		
5,500.0	5,077.2	5,465.1	5,085.6	36.6	36.1	-101.88	-1,516.5	822.8	142.6	70.9	71.75	1.988		
5,600.0	5,164.6	5,564.9	5,174.9	37.6	37.0	-103.32	-1,555.7	844.4	147.4	74.0	73.36	2.009		
5,700.0	5,251.9	5,664.7	5,264.1	38.6	37.9	-104.68	-1,594.9	865.9	152.3	77.3	74.94	2.032		
5,800.0	5,339.2	5,764.5	5,353.4	39.6	38.9	-105.95	-1,634.1	887.4	157.2	80.7	76.49	2.055		
5,900.0	5,426.5	5,864.3	5,442.6	40.6	39.8	-107.14	-1,673.3	909.0	162.2	84.2	78.02	2.080		
6,000.0	5,513.8	5,964.2	5,531.9	41.6	40.7	-108.27	-1,712.5	930.5	167.3	87.8	79.53	2.104		
6,100.0	5,601.1	6,064.0	5,621.1	42.6	41.6	-109.32	-1,751.7	952.1	172.5	91.5	81.02	2.129		
6,200.0	5,688.4	6,163.8	5,710.3	43.6	42.6	-110.31	-1,790.8	973.6	177.7	95.2	82.50	2.154		
6,300.0	5,775.7	6,263.6	5,799.6	44.6	43.5	-111.25	-1,830.0	995.1	182.9	99.0	83.97	2.179		
6,400.0	5,863.0	6,363.4	5,888.8	45.6	44.4	-112.13	-1,869.2	1,016.7	188.2	102.8	85.42	2.204		
6,429.4	5,888.7	6,392.8	5,915.1	45.9	44.7	-112.38	-1,880.8	1,023.0	189.8	104.0	85.84	2.211		
6,450.0	5,906.8	6,413.4	5,933.5	46.1	44.9	-111.15	-1,888.8	1,027.5	190.7	104.5	86.16	2.213		
6,500.0	5,951.8	6,463.3	5,978.1	46.4	45.3	-106.85	-1,908.4	1,038.2	190.9	104.0	86.98	2.195		
6,550.0	5,997.9	6,513.2	6,022.7	46.7	45.8	-100.34	-1,928.0	1,049.0	188.6	100.7	87.96	2.144		
6,600.0	6,045.1	6,562.7	6,066.9	46.9	46.3	-90.93	-1,947.4	1,059.7	183.8	94.7	89.09	2.063		
6,650.0	6,093.0	6,611.5	6,110.6	47.2	46.7	-77.71	-1,966.6	1,070.2	176.7	86.4	90.35	1.956		
6,700.0	6,141.4	6,659.5	6,153.5	47.3	47.2	-59.80	-1,985.4	1,080.6	167.8	76.2	91.64	1.832		
6,750.0	6,190.1	6,706.4	6,195.4	47.4	47.6	-37.38	-2,003.8	1,090.7	157.7	65.0	92.77	1.700		
6,800.0	6,238.9	6,751.9	6,236.1	47.5	48.0	-12.66	-2,021.7	1,100.5	147.4	54.1	93.33	1.579		
6,850.0	6,287.5	6,794.1	6,274.0	47.6	48.4	10.80	-2,037.8	1,109.7	138.4	45.7	92.72	1.493 Level 3		
6,900.0	6,335.7	6,836.0	6,312.5	47.5	48.6	31.34	-2,051.6	1,118.9	132.8	42.2	90.61	1.466 Level 3, SF		
6,942.1	6,375.7	6,872.0	6,346.2	47.5	48.8	46.49	-2,061.6	1,127.0	131.2	43.6	87.60	1.498 Level 3		
6,950.0	6,383.2	6,878.9	6,352.7	47.5	48.9	49.15	-2,063.3	1,128.6	131.3	44.4	86.91	1.510		
7,000.0	6,429.8	6,923.2	6,394.7	47.4	49.1	64.60	-2,072.8	1,138.7	134.3	52.4	81.84	1.641		
7,050.0	6,475.3	6,968.9	6,438.6	47.2	49.3	77.96	-2,079.8	1,149.2	141.7	65.8	75.89	1.867		
7,100.0	6,519.5	7,016.2	6,484.4	47.1	49.4	89.38	-2,083.9	1,160.2	152.9	83.2	69.68	2.194		
7,150.0	6,562.1	7,065.3	6,532.2	46.9	49.5	99.06	-2,084.9	1,171.6	167.2	103.5	63.70	2.625		
7,200.0	6,603.0	7,116.5	6,581.9	46.6	49.6	107.21	-2,082.4	1,183.5	183.9	125.7	58.25	3.158		
7,250.0	6,641.9	7,170.1	6,633.6	46.3	49.6	114.05	-2,075.9	1,195.9	202.3	148.8	53.44	3.785		
7,300.0	6,678.7	7,226.2	6,687.1	46.0	49.6	119.81	-2,064.8	1,208.6	221.7	172.4	49.28	4.500		
7,350.0	6,713.1	7,285.4	6,742.4	45.7	49.5	124.67	-2,048.5	1,221.8	241.7	196.0	45.73	5.286		
7,400.0	6,745.1	7,347.9	6,799.2	45.4	49.4	128.79	-2,026.2	1,235.3	261.9	219.1	42.78	6.122		
7,450.0	6,774.3	7,414.1	6,857.0	45.0	49.2	132.30	-1,997.2	1,249.0	281.9	241.5	40.40	6.977		
7,500.0	6,800.8	7,484.4	6,915.4	44.6	48.9	135.28	-1,960.5	1,262.8	301.2	262.6	38.59	7.805		
7,550.0	6,824.4	7,559.1	6,973.2	44.2	48.5	137.81	-1,915.2	1,276.4	319.5	282.1	37.36	8.551		
7,600.0	6,844.9	7,638.6	7,029.3	43.8	48.1	139.94	-1,860.6	1,289.6	336.4	299.7	36.74	9.156		
7,650.0	6,862.3	7,722.9	7,082.1	43.4	47.5	141.71	-1,796.0	1,301.9	351.6	314.8	36.74	9.569		
7,700.0	6,876.5	7,812.0	7,129.4	43.0	46.9	143.13	-1,721.4	1,312.8	364.5	327.2	37.34	9.763		
7,750.0	6,887.4	7,905.4	7,168.9	42.7	46.2	144.22	-1,637.3	1,321.9	375.0	336.5	38.52	9.736		
7,800.0	6,894.9	8,002.6	7,198.4	42.3	45.5	144.98	-1,545.0	1,328.5	382.6	342.3	40.21	9.513		
7,850.0	6,899.1	8,102.4	7,215.8	41.9	44.8	145.42	-1,446.9	1,332.2	387.0	344.6	42.36	9.136		
7,886.2	6,900.0	8,175.5	7,220.0	41.6	44.2	145.53	-1,374.0	1,332.9	388.1	344.0	44.14	8.793		
7,900.0	6,900.0	8,192.3	7,220.0	41.5	44.1	145.53	-1,357.1	1,332.8	388.2	344.1	44.07	8.807		
8,000.0	6,900.0	8,292.3	7,220.0	40.7	43.4	145.53	-1,257.1	1,332.4	388.2	344.5	43.67	8.887		
8,100.0	6,900.0	8,392.3	7,220.0	40.0	42.7	145.53	-1,157.1	1,331.9	388.1	344.7	43.41	8.941		
8,200.0	6,900.0	8,492.3	7,220.0	39.4	42.0	145.53	-1,057.1	1,331.4	388.1	344.9	43.29	8.966		
8,300.0	6,900.0	8,592.3	7,220.0	38.8	41.4	145.53	-957.1	1,331.0	388.1	344.8	43.31	8.962		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design		SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)										Offset Site Error:		0.0 ft
Survey Program: 0-MWD												Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,400.0	6,900.0	8,692.3	7,220.0	38.3	40.9	145.53	-857.1	1,330.5	388.1	344.7	43.47	8.928		
8,500.0	6,900.0	8,792.3	7,220.0	37.8	40.4	145.54	-757.1	1,330.0	388.1	344.3	43.78	8.866		
8,600.0	6,900.0	8,892.3	7,220.0	37.4	39.9	145.54	-657.1	1,329.5	388.1	343.9	44.22	8.777		
8,700.0	6,900.0	8,992.3	7,220.0	37.1	39.5	145.54	-557.1	1,329.1	388.1	343.3	44.80	8.664		
8,800.0	6,900.0	9,092.3	7,220.0	36.9	39.2	145.54	-457.1	1,328.6	388.1	342.6	45.50	8.530		
8,900.0	6,900.0	9,192.3	7,220.0	36.8	38.9	145.54	-357.1	1,328.1	388.1	341.8	46.33	8.377		
9,000.0	6,900.0	9,292.3	7,220.0	36.8	38.8	145.54	-257.2	1,327.7	388.1	340.8	47.27	8.209		
9,100.0	6,900.0	9,392.3	7,220.0	36.9	38.7	145.54	-157.2	1,327.2	388.1	339.8	48.33	8.030		
9,200.0	6,900.0	9,492.3	7,220.0	37.2	38.8	145.54	-57.2	1,326.7	388.1	338.6	49.48	7.842		
9,300.0	6,900.0	9,592.3	7,220.0	37.6	39.0	145.55	42.8	1,326.3	388.1	337.3	50.74	7.649		
9,400.0	6,900.0	9,692.3	7,220.0	38.1	39.3	145.55	142.8	1,325.8	388.1	336.0	52.08	7.452		
9,500.0	6,900.0	9,792.3	7,220.0	38.7	39.8	145.55	242.8	1,325.3	388.1	334.6	53.50	7.253		
9,600.0	6,900.0	9,892.3	7,220.0	39.5	40.5	145.55	342.8	1,324.9	388.1	333.1	55.00	7.056		
9,700.0	6,900.0	9,992.3	7,220.0	40.4	41.3	145.55	442.8	1,324.4	388.1	331.5	56.57	6.860		
9,768.9	6,900.0	10,061.2	7,220.0	41.1	42.0	145.55	511.8	1,324.1	388.1	330.4	57.69	6.727		
9,800.0	6,900.0	10,096.1	7,220.0	41.4	42.3	145.55	546.7	1,323.6	388.0	329.7	58.36	6.649		
9,900.0	6,900.0	10,209.1	7,220.0	42.2	43.2	145.61	659.5	1,317.8	387.8	327.4	60.36	6.424		
9,957.3	6,900.0	10,271.2	7,220.0	42.7	43.8	145.67	721.3	1,311.8	387.5	326.0	61.50	6.302		
9,959.0	6,900.0	10,272.9	7,220.0	42.7	43.8	145.67	723.0	1,311.6	387.5	326.0	61.53	6.298		
10,000.0	6,900.0	10,313.9	7,220.0	43.2	44.3	145.66	763.8	1,307.4	387.5	325.3	62.21	6.230		
10,100.0	6,900.0	10,413.9	7,220.0	44.4	45.6	145.65	863.2	1,297.1	387.6	323.6	64.02	6.055		
10,200.0	6,900.0	10,513.9	7,220.0	45.8	46.9	145.64	962.7	1,286.8	387.6	321.8	65.87	5.885		
10,300.0	6,900.0	10,613.9	7,220.0	47.2	48.3	145.63	1,062.2	1,276.5	387.7	319.9	67.77	5.721		
10,400.0	6,900.0	10,713.9	7,220.0	48.6	49.7	145.62	1,161.6	1,266.2	387.7	318.0	69.71	5.562		
10,500.0	6,900.0	10,813.9	7,220.0	50.0	51.2	145.61	1,261.1	1,255.9	387.8	316.1	71.69	5.410		
10,600.0	6,900.0	10,913.9	7,220.0	51.5	52.7	145.60	1,360.6	1,245.6	387.8	314.1	73.70	5.263		
10,700.0	6,900.0	11,013.9	7,220.0	53.1	54.2	145.59	1,460.0	1,235.3	387.9	312.1	75.74	5.121		
10,800.0	6,900.0	11,113.9	7,220.0	54.6	55.8	145.57	1,559.5	1,225.0	387.9	310.1	77.82	4.985		
10,900.0	6,900.0	11,213.9	7,220.0	56.2	57.3	145.56	1,659.0	1,214.7	388.0	308.1	79.92	4.855		
11,000.0	6,900.0	11,313.9	7,220.0	57.8	58.9	145.55	1,758.4	1,204.4	388.0	306.0	82.04	4.730		
11,100.0	6,900.0	11,413.9	7,220.0	59.4	60.5	145.54	1,857.9	1,194.1	388.1	303.9	84.19	4.610		
11,200.0	6,900.0	11,513.9	7,220.0	61.0	62.2	145.53	1,957.4	1,183.8	388.1	301.8	86.36	4.494		
11,300.0	6,900.0	11,613.9	7,220.0	62.6	63.8	145.52	2,056.8	1,173.5	388.2	299.6	88.56	4.384		
11,400.0	6,900.0	11,713.9	7,220.0	64.3	65.5	145.51	2,156.3	1,163.1	388.2	297.5	90.77	4.277		
11,500.0	6,900.0	11,813.9	7,220.0	66.0	67.1	145.50	2,255.8	1,152.8	388.3	295.3	92.99	4.176		
11,600.0	6,900.0	11,913.9	7,220.0	67.7	68.8	145.49	2,355.2	1,142.5	388.3	293.1	95.24	4.078		
11,639.7	6,900.0	11,930.1	7,220.0	68.4	69.1	145.49	2,371.3	1,140.9	389.1	293.2	95.87	4.059		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference	Offset	Semi Major Axis		Distance		Minimum		Separation		Warning				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	179.84	-100.2	0.3	100.2					
100.0	100.0	100.0	100.0	0.1	0.1	179.84	-100.2	0.3	100.2	100.0	0.22	445.749		
200.0	200.0	200.0	200.0	0.3	0.3	179.84	-100.2	0.3	100.2	99.5	0.67	148.583 CC, ES		
300.0	300.0	297.5	297.5	0.6	0.5	179.19	-101.4	1.4	101.4	100.3	1.10	92.209		
400.0	400.0	394.8	394.7	0.8	0.7	177.32	-104.9	4.9	105.2	103.6	1.53	68.663		
500.0	500.0	491.7	491.2	1.0	1.0	174.50	-110.8	10.7	111.6	109.7	1.99	56.104		
600.0	600.0	587.8	586.7	1.2	1.3	171.09	-118.9	18.6	121.1	118.6	2.48	48.915		
700.0	700.0	683.2	680.9	1.5	1.6	167.46	-129.2	28.7	133.7	130.8	2.99	44.793		
800.0	800.0	777.4	773.5	1.7	1.9	163.90	-141.6	40.9	149.7	146.2	3.52	42.575		
900.0	900.0	870.4	864.3	1.9	2.3	160.59	-155.9	54.9	169.2	165.1	4.07	41.606		
1,000.0	1,000.0	962.0	953.0	2.1	2.8	157.64	-172.1	70.8	192.0	187.3	4.63	41.479		
1,100.0	1,100.0	1,052.0	1,039.5	2.4	3.3	155.07	-190.0	88.3	218.1	212.9	5.20	41.931		
1,200.0	1,200.0	1,140.3	1,123.5	2.6	3.8	152.86	-209.4	107.3	247.4	241.6	5.78	42.782		
1,300.0	1,300.0	1,227.3	1,205.4	2.8	4.4	-5.16	-230.3	127.9	278.2	272.4	5.80	47.937		
1,400.0	1,399.8	1,313.5	1,285.6	3.0	5.0	-6.81	-252.8	149.9	308.8	302.6	6.24	49.514		
1,500.0	1,499.5	1,400.0	1,365.2	3.2	5.7	-8.32	-277.0	173.7	339.1	332.5	6.68	50.749		
1,600.0	1,598.7	1,483.4	1,440.9	3.4	6.5	-9.67	-302.0	198.2	369.2	362.1	7.13	51.760		
1,700.0	1,697.5	1,572.9	1,521.1	3.6	7.3	-11.02	-330.4	226.0	398.7	391.1	7.61	52.362		
1,800.0	1,795.6	1,668.7	1,606.8	3.9	8.2	-12.36	-360.9	255.9	425.5	417.4	8.12	52.410		
1,900.0	1,893.1	1,765.2	1,693.2	4.2	9.1	-13.64	-391.7	286.1	449.2	440.6	8.64	51.997		
2,000.0	1,989.6	1,862.5	1,780.2	4.6	10.0	-14.90	-422.7	316.5	469.9	460.8	9.18	51.177		
2,100.0	2,085.3	1,960.3	1,867.7	5.1	10.9	-16.16	-453.9	347.1	487.6	477.8	9.75	49.999		
2,200.0	2,179.8	2,058.5	1,955.6	5.6	11.8	-17.46	-485.2	377.8	502.2	491.8	10.35	48.499		
2,300.0	2,273.2	2,157.0	2,043.7	6.2	12.7	-18.81	-516.6	408.6	513.8	502.8	11.00	46.705		
2,400.0	2,365.2	2,255.7	2,132.0	6.9	13.7	-20.25	-548.1	439.5	522.4	510.7	11.70	44.640		
2,500.0	2,455.8	2,354.4	2,220.4	7.6	14.6	-21.79	-579.6	470.3	528.2	515.7	12.48	42.325		
2,600.0	2,544.9	2,453.1	2,308.7	8.4	15.5	-23.45	-611.1	501.2	531.2	517.8	13.35	39.786		
2,658.9	2,596.7	2,511.2	2,360.6	8.9	16.1	-24.50	-629.6	519.4	531.6	517.7	13.92	38.198		
2,700.0	2,632.5	2,551.7	2,396.9	9.3	16.5	-25.25	-642.5	532.0	531.7	517.4	14.36	37.032		
2,800.0	2,719.9	2,650.2	2,485.0	10.2	17.4	-27.08	-673.9	562.8	532.3	516.8	15.49	34.351		
2,900.0	2,807.2	2,748.7	2,573.1	11.1	18.4	-28.90	-705.3	593.6	533.4	516.6	16.72	31.892		
3,000.0	2,894.5	2,847.2	2,661.3	12.1	19.3	-30.72	-736.7	624.4	535.0	517.0	18.05	29.648		
3,100.0	2,981.8	2,945.7	2,749.4	13.0	20.2	-32.52	-768.1	655.2	537.2	517.8	19.46	27.609		
3,200.0	3,069.1	3,044.2	2,837.5	14.0	21.2	-34.30	-799.5	686.0	540.0	519.0	20.96	25.764		
3,300.0	3,156.4	3,142.7	2,925.7	14.9	22.1	-36.07	-831.0	716.8	543.2	520.7	22.54	24.099		
3,400.0	3,243.7	3,241.2	3,013.8	15.9	23.0	-37.81	-862.4	747.6	547.0	522.8	24.21	22.600		
3,500.0	3,331.0	3,339.7	3,101.9	16.9	24.0	-39.53	-893.8	778.4	551.4	525.4	25.94	21.253		
3,600.0	3,418.3	3,438.2	3,190.1	17.8	24.9	-41.22	-925.2	809.2	556.2	528.4	27.75	20.044		
3,700.0	3,505.6	3,536.7	3,278.2	18.8	25.9	-42.88	-956.6	840.0	561.5	531.9	29.62	18.959		
3,800.0	3,593.0	3,635.2	3,366.3	19.8	26.8	-44.51	-988.0	870.8	567.3	535.7	31.54	17.985		
3,900.0	3,680.3	3,733.7	3,454.5	20.8	27.7	-46.11	-1,019.4	901.6	573.5	540.0	33.52	17.111		
4,000.0	3,767.6	3,832.2	3,542.6	21.8	28.7	-47.67	-1,050.8	932.4	580.2	544.7	35.54	16.326		
4,100.0	3,854.9	3,930.7	3,630.7	22.7	29.6	-49.20	-1,082.2	963.2	587.3	549.7	37.60	15.620		
4,200.0	3,942.2	4,029.2	3,718.9	23.7	30.6	-50.69	-1,113.7	994.0	594.9	555.2	39.70	14.984		
4,300.0	4,029.5	4,127.7	3,807.0	24.7	31.5	-52.14	-1,145.1	1,024.8	602.8	561.0	41.83	14.411		
4,400.0	4,116.8	4,226.2	3,895.1	25.7	32.5	-53.56	-1,176.5	1,055.6	611.1	567.1	43.98	13.895		
4,500.0	4,204.1	4,324.7	3,983.3	26.7	33.4	-54.93	-1,207.9	1,086.4	619.8	573.6	46.16	13.428		
4,600.0	4,291.4	4,423.2	4,071.4	27.7	34.3	-56.27	-1,239.3	1,117.2	628.8	580.5	48.35	13.005		
4,700.0	4,378.8	4,521.7	4,159.5	28.7	35.3	-57.57	-1,270.7	1,148.0	638.2	587.6	50.56	12.623		
4,800.0	4,466.1	4,620.2	4,247.7	29.7	36.2	-58.83	-1,302.1	1,178.8	647.9	595.1	52.78	12.275		
4,900.0	4,553.4	4,718.7	4,335.8	30.7	37.2	-60.06	-1,333.5	1,209.6	657.9	602.9	55.01	11.960		
5,000.0	4,640.7	4,817.2	4,423.9	31.7	38.1	-61.25	-1,364.9	1,240.4	668.2	611.0	57.24	11.673		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Well Error:	0.0 ft
Survey Program: 0-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
5,100.0	4,728.0	4,915.7	4,512.0	32.7	39.0	-62.40	-1,396.4	1,271.2	678.8	619.3	59.48	11.411	
5,200.0	4,815.3	5,014.2	4,600.2	33.6	40.0	-63.52	-1,427.8	1,302.0	689.6	627.9	61.72	11.173	
5,300.0	4,902.6	5,112.7	4,688.3	34.6	40.9	-64.61	-1,459.2	1,332.8	700.7	636.8	63.97	10.955	
5,400.0	4,989.9	5,211.2	4,776.4	35.6	41.9	-65.66	-1,490.6	1,363.6	712.1	645.9	66.21	10.756	
5,500.0	5,077.2	5,309.7	4,864.6	36.6	42.8	-66.67	-1,522.0	1,394.4	723.7	655.2	68.45	10.573	
5,600.0	5,164.6	5,408.2	4,952.7	37.6	43.7	-67.66	-1,553.4	1,425.2	735.5	664.8	70.68	10.406	
5,700.0	5,251.9	5,506.7	5,040.8	38.6	44.7	-68.61	-1,584.8	1,456.0	747.5	674.6	72.91	10.252	
5,800.0	5,339.2	5,605.2	5,129.0	39.6	45.6	-69.54	-1,616.2	1,486.8	759.7	684.6	75.14	10.111	
5,900.0	5,426.5	5,703.7	5,217.1	40.6	46.6	-70.44	-1,647.6	1,517.6	772.1	694.8	77.36	9.981	
6,000.0	5,513.8	5,802.2	5,305.2	41.6	47.5	-71.30	-1,679.1	1,548.4	784.7	705.2	79.58	9.861	
6,100.0	5,601.1	5,900.7	5,393.4	42.6	48.5	-72.14	-1,710.5	1,579.2	797.5	715.7	81.78	9.751	
6,200.0	5,688.4	5,999.2	5,481.5	43.6	49.4	-72.96	-1,741.9	1,610.0	810.4	726.5	83.99	9.650	
6,300.0	5,775.7	6,097.7	5,569.6	44.6	50.3	-73.75	-1,773.3	1,640.8	823.5	737.4	86.18	9.556	
6,400.0	5,863.0	6,196.2	5,657.8	45.6	51.3	-74.51	-1,804.7	1,671.6	836.8	748.4	88.37	9.469	
6,429.4	5,888.7	6,225.2	5,683.7	45.9	51.6	-74.73	-1,813.9	1,680.7	840.7	751.7	89.01	9.445	
6,450.0	5,906.8	6,245.5	5,701.9	46.1	51.8	-73.69	-1,820.4	1,687.0	843.4	753.8	89.58	9.415	
6,500.0	5,951.8	6,295.1	5,746.2	46.4	52.2	-70.21	-1,836.2	1,702.5	849.4	758.7	90.72	9.363	
6,550.0	5,997.9	6,344.8	5,790.7	46.7	52.7	-65.07	-1,852.1	1,718.0	854.8	763.1	91.63	9.329	
6,600.0	6,045.1	6,394.4	5,835.1	46.9	53.2	-57.65	-1,867.9	1,733.5	859.3	767.1	92.28	9.312 SF	
6,650.0	6,093.0	6,443.6	5,879.1	47.2	53.7	-47.15	-1,883.6	1,748.9	863.2	770.5	92.69	9.313	
6,700.0	6,141.4	6,492.2	5,922.6	47.3	54.1	-32.90	-1,899.1	1,764.1	866.4	773.6	92.85	9.331	
6,750.0	6,190.1	6,540.0	5,965.4	47.4	54.6	-15.29	-1,914.3	1,779.1	869.1	776.3	92.79	9.366	
6,800.0	6,238.9	6,586.7	6,007.2	47.5	55.0	3.24	-1,929.2	1,793.7	871.4	778.9	92.52	9.419	
6,850.0	6,287.5	6,632.2	6,047.8	47.6	55.5	19.65	-1,943.7	1,807.9	873.5	781.4	92.07	9.488	
6,900.0	6,335.7	6,676.1	6,087.1	47.5	55.9	32.65	-1,957.7	1,821.6	875.6	784.1	91.47	9.573	
6,950.0	6,383.2	6,718.3	6,124.9	47.5	56.3	42.57	-1,971.2	1,834.8	877.9	787.2	90.76	9.673	
7,000.0	6,429.8	6,758.5	6,160.9	47.4	56.7	50.19	-1,984.0	1,847.4	880.8	790.8	89.99	9.788	
7,050.0	6,475.3	6,796.6	6,195.0	47.2	57.0	56.16	-1,996.2	1,859.3	884.3	795.1	89.19	9.915	
7,100.0	6,519.5	6,832.5	6,227.0	47.1	57.4	60.94	-2,007.6	1,870.5	888.9	800.5	88.42	10.054	
7,150.0	6,562.1	6,865.8	6,256.8	46.9	57.7	64.80	-2,018.2	1,880.9	894.7	807.0	87.70	10.202	
7,200.0	6,603.0	6,896.4	6,284.3	46.6	58.0	67.92	-2,028.0	1,890.5	902.1	815.0	87.08	10.359	
7,250.0	6,641.9	6,924.3	6,309.2	46.3	58.3	70.38	-2,036.9	1,899.2	911.1	824.5	86.58	10.524	
7,300.0	6,678.7	6,950.7	6,332.9	46.0	58.5	72.35	-2,045.3	1,907.5	922.0	835.8	86.17	10.700	
7,350.0	6,713.1	6,982.0	6,361.2	45.7	58.7	74.19	-2,054.3	1,917.4	934.7	849.0	85.70	10.906	
7,400.0	6,745.1	7,014.6	6,390.9	45.4	58.9	75.76	-2,062.3	1,927.8	949.1	863.8	85.30	11.127	
7,450.0	6,774.3	7,048.8	6,422.5	45.0	59.1	77.11	-2,069.2	1,938.8	965.3	880.4	84.96	11.362	
7,500.0	6,800.8	7,085.2	6,456.5	44.6	59.4	78.29	-2,074.7	1,950.6	983.2	898.6	84.65	11.615	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference	Offset	Semi Major Axis		Distance										Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-80.2	0.0	80.2					
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-80.2	0.0	80.2	79.9	0.22	356.602		
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-80.2	0.0	80.2	79.5	0.67	118.867		
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-80.2	0.0	80.2	79.0	1.12	71.320		
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-80.2	0.0	80.2	78.6	1.57	50.943 CC, ES		
500.0	500.0	497.9	497.9	1.0	1.0	179.23	-81.4	1.1	81.5	79.5	2.00	40.801		
600.0	600.0	595.5	595.4	1.2	1.2	177.08	-85.2	4.3	85.4	83.0	2.42	35.382		
700.0	700.0	692.7	692.2	1.5	1.4	173.92	-91.5	9.7	92.3	89.5	2.86	32.335		
800.0	800.0	789.3	788.1	1.7	1.6	170.25	-100.2	17.2	102.3	99.0	3.32	30.830		
900.0	900.0	884.9	882.6	1.9	1.9	166.51	-111.2	26.7	115.7	111.9	3.81	30.394		
1,000.0	1,000.0	979.5	975.6	2.1	2.3	162.99	-124.5	38.1	132.4	128.1	4.31	30.713		
1,100.0	1,100.0	1,072.8	1,066.6	2.4	2.7	159.86	-139.8	51.3	152.6	147.8	4.83	31.569		
1,200.0	1,200.0	1,164.7	1,155.6	2.6	3.1	157.17	-157.1	66.1	176.1	170.8	5.37	32.802		
1,300.0	1,300.0	1,255.4	1,242.8	2.8	3.6	-1.26	-176.3	82.6	201.3	195.7	5.60	35.943		
1,400.0	1,399.8	1,345.4	1,328.4	3.0	4.1	-3.23	-197.4	100.8	226.2	220.2	6.02	37.597		
1,500.0	1,499.5	1,434.7	1,412.3	3.2	4.7	-4.98	-220.3	120.5	251.1	244.6	6.45	38.946		
1,600.0	1,598.7	1,523.3	1,494.7	3.4	5.3	-6.56	-245.0	141.7	275.7	268.8	6.88	40.079		
1,700.0	1,697.5	1,611.1	1,575.4	3.6	6.0	-8.02	-271.4	164.4	300.2	292.9	7.33	40.958		
1,800.0	1,795.6	1,700.0	1,655.8	3.9	6.8	-9.41	-300.0	189.0	324.4	316.7	7.80	41.622		
1,900.0	1,893.1	1,784.9	1,731.6	4.2	7.5	-10.67	-329.1	214.0	348.5	340.2	8.27	42.149		
2,000.0	1,989.6	1,880.6	1,816.2	4.6	8.4	-12.02	-363.1	243.1	371.2	362.5	8.80	42.208		
2,100.0	2,085.3	1,978.2	1,902.4	5.1	9.4	-13.36	-397.7	272.9	390.9	381.5	9.35	41.808		
2,200.0	2,179.8	2,076.3	1,989.2	5.6	10.3	-14.68	-432.5	302.8	407.4	397.5	9.94	40.998		
2,300.0	2,273.2	2,174.9	2,076.3	6.2	11.3	-16.04	-467.5	332.9	420.9	410.3	10.57	39.827		
2,400.0	2,365.2	2,273.7	2,163.6	6.9	12.3	-17.45	-502.6	363.0	431.3	420.0	11.25	38.334		
2,500.0	2,455.8	2,372.8	2,251.1	7.6	13.2	-18.96	-537.7	393.2	438.6	426.6	12.00	36.553		
2,600.0	2,544.9	2,471.8	2,338.7	8.4	14.2	-20.58	-572.9	423.5	443.0	430.2	12.84	34.516		
2,658.9	2,596.7	2,530.2	2,390.2	8.9	14.8	-21.60	-593.6	441.3	444.3	430.9	13.38	33.210		
2,700.0	2,632.5	2,570.9	2,426.2	9.3	15.2	-22.34	-608.1	453.7	444.9	431.1	13.80	32.227		
2,800.0	2,719.9	2,669.9	2,513.7	10.2	16.2	-24.12	-643.2	483.9	446.6	431.7	14.90	29.966		
2,900.0	2,807.2	2,768.9	2,601.2	11.1	17.1	-25.89	-678.3	514.1	448.7	432.6	16.09	27.888		
3,000.0	2,894.5	2,867.8	2,688.7	12.1	18.1	-27.64	-713.5	544.2	451.3	433.9	17.37	25.989		
3,100.0	2,981.8	2,966.8	2,776.1	13.0	19.1	-29.37	-748.6	574.4	454.3	435.6	18.73	24.260		
3,200.0	3,069.1	3,065.8	2,863.6	14.0	20.1	-31.08	-783.7	604.6	457.7	437.5	20.17	22.692		
3,300.0	3,156.4	3,164.8	2,951.1	14.9	21.1	-32.76	-818.9	634.8	461.5	439.8	21.70	21.273		
3,400.0	3,243.7	3,263.8	3,038.6	15.9	22.0	-34.41	-854.0	665.0	465.8	442.5	23.30	19.992		
3,500.0	3,331.0	3,362.8	3,126.1	16.9	23.0	-36.03	-889.1	695.2	470.4	445.4	24.97	18.838		
3,600.0	3,418.3	3,461.8	3,213.6	17.8	24.0	-37.62	-924.3	725.4	475.3	448.6	26.71	17.798		
3,700.0	3,505.6	3,560.8	3,301.1	18.8	25.0	-39.18	-959.4	755.6	480.7	452.2	28.51	16.862		
3,800.0	3,593.0	3,659.8	3,388.6	19.8	26.0	-40.70	-994.5	785.8	486.4	456.0	30.36	16.019		
3,900.0	3,680.3	3,758.8	3,476.1	20.8	27.0	-42.18	-1,029.7	816.0	492.4	460.1	32.27	15.259		
4,000.0	3,767.6	3,857.8	3,563.5	21.8	28.0	-43.63	-1,064.8	846.2	498.8	464.6	34.22	14.574		
4,100.0	3,854.9	3,956.8	3,651.0	22.7	28.9	-45.04	-1,100.0	876.4	505.5	469.2	36.22	13.956		
4,200.0	3,942.2	4,055.8	3,738.5	23.7	29.9	-46.42	-1,135.1	906.6	512.4	474.2	38.25	13.398		
4,300.0	4,029.5	4,154.8	3,826.0	24.7	30.9	-47.75	-1,170.2	936.8	519.7	479.4	40.31	12.892		
4,400.0	4,116.8	4,253.8	3,913.5	25.7	31.9	-49.05	-1,205.4	967.0	527.2	484.8	42.40	12.434		
4,500.0	4,204.1	4,352.8	4,001.0	26.7	32.9	-50.32	-1,240.5	997.2	535.1	490.5	44.52	12.019		
4,600.0	4,291.4	4,451.8	4,088.5	27.7	33.9	-51.54	-1,275.6	1,027.4	543.1	496.5	46.66	11.641		
4,700.0	4,378.8	4,550.8	4,176.0	28.7	34.9	-52.74	-1,310.8	1,057.6	551.4	502.6	48.81	11.297		
4,800.0	4,466.1	4,649.8	4,263.5	29.7	35.8	-53.89	-1,345.9	1,087.7	560.0	509.0	50.98	10.983		
4,900.0	4,553.4	4,748.8	4,351.0	30.7	36.8	-55.01	-1,381.0	1,117.9	568.7	515.6	53.17	10.697		
5,000.0	4,640.7	4,847.8	4,438.4	31.7	37.8	-56.10	-1,416.2	1,148.1	577.7	522.3	55.36	10.435		

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 A-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (RKB - 13')
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (RKB - 13')
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista A-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-07-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
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
5,100.0	4,728.0	4,946.8	4,525.9	32.7	38.8	-57.15	-1,451.3	1,178.3	586.9	529.3	57.57	10.194	
5,200.0	4,815.3	5,045.8	4,613.4	33.6	39.8	-58.17	-1,486.4	1,208.5	596.3	536.5	59.78	9.974	
5,300.0	4,902.6	5,144.8	4,700.9	34.6	40.8	-59.16	-1,521.6	1,238.7	605.8	543.8	62.00	9.772	
5,400.0	4,989.9	5,243.8	4,788.4	35.6	41.8	-60.12	-1,556.7	1,268.9	615.5	551.3	64.22	9.585	
5,500.0	5,077.2	5,342.8	4,875.9	36.6	42.8	-61.05	-1,591.8	1,299.1	625.4	559.0	66.44	9.414	
5,600.0	5,164.6	5,441.8	4,963.4	37.6	43.7	-61.95	-1,627.0	1,329.3	635.5	566.8	68.66	9.255	
5,700.0	5,251.9	5,540.8	5,050.9	38.6	44.7	-62.83	-1,662.1	1,359.5	645.7	574.8	70.89	9.109	
5,800.0	5,339.2	5,639.8	5,138.4	39.6	45.7	-63.67	-1,697.3	1,389.7	656.1	583.0	73.11	8.973	
5,900.0	5,426.5	5,738.8	5,225.9	40.6	46.7	-64.49	-1,732.4	1,419.9	666.6	591.2	75.34	8.848	
6,000.0	5,513.8	5,837.8	5,313.3	41.6	47.7	-65.28	-1,767.5	1,450.1	677.2	599.6	77.56	8.731	
6,100.0	5,601.1	5,936.8	5,400.8	42.6	48.7	-66.05	-1,802.7	1,480.3	687.9	608.2	79.78	8.623	
6,200.0	5,688.4	6,035.8	5,488.3	43.6	49.7	-66.80	-1,837.8	1,510.5	698.8	616.8	81.99	8.523	
6,300.0	5,775.7	6,134.8	5,575.8	44.6	50.7	-67.52	-1,872.9	1,540.7	709.8	625.6	84.21	8.429	
6,400.0	5,863.0	6,233.8	5,663.3	45.6	51.6	-68.22	-1,908.1	1,570.9	720.9	634.5	86.42	8.342	
6,429.4	5,888.7	6,262.9	5,689.1	45.9	51.9	-68.43	-1,918.4	1,579.7	724.2	637.1	87.07	8.318	
6,450.0	5,906.8	6,283.3	5,707.1	46.1	52.1	-67.33	-1,925.6	1,586.0	726.4	638.8	87.61	8.292	
6,500.0	5,951.8	6,333.0	5,751.0	46.4	52.6	-63.74	-1,943.3	1,601.1	731.8	643.1	88.69	8.250	
6,550.0	5,997.9	6,382.7	5,794.9	46.7	53.1	-58.47	-1,960.9	1,616.3	736.7	647.2	89.52	8.229	
6,600.0	6,045.1	6,432.1	5,838.6	46.9	53.6	-50.91	-1,978.5	1,631.4	741.3	651.2	90.10	8.228	
6,650.0	6,093.0	6,481.1	5,881.9	47.2	54.1	-40.28	-1,995.8	1,646.3	745.7	655.2	90.42	8.246	
6,700.0	6,141.4	6,529.3	5,924.5	47.3	54.6	-25.89	-2,013.0	1,661.0	749.8	659.3	90.51	8.284	
6,750.0	6,190.1	6,576.6	5,966.2	47.4	55.1	-8.18	-2,029.7	1,675.4	754.0	663.6	90.38	8.342	
6,800.0	6,238.9	6,621.1	6,005.7	47.5	55.4	10.35	-2,045.0	1,689.0	758.3	668.2	90.06	8.420	
6,850.0	6,287.5	6,665.1	6,045.6	47.6	55.8	26.58	-2,057.8	1,702.8	763.0	673.3	89.63	8.512	
6,900.0	6,335.7	6,710.2	6,087.0	47.5	56.0	39.26	-2,068.1	1,717.1	768.1	679.0	89.13	8.618	
6,950.0	6,383.2	6,756.3	6,130.1	47.5	56.3	48.78	-2,075.8	1,731.9	773.6	685.1	88.57	8.734	
7,000.0	6,429.8	6,803.7	6,174.6	47.4	56.5	55.97	-2,080.7	1,747.2	779.5	691.6	87.96	8.863	
7,050.0	6,475.3	6,852.4	6,220.6	47.2	56.7	61.53	-2,082.4	1,763.0	785.8	698.5	87.29	9.002	
7,100.0	6,519.5	6,902.6	6,268.1	47.1	56.9	65.96	-2,080.7	1,779.3	792.4	705.8	86.59	9.152	
7,150.0	6,562.1	6,954.3	6,316.8	46.9	57.0	69.59	-2,075.3	1,795.9	799.3	713.5	85.85	9.310	
7,200.0	6,603.0	7,007.9	6,366.6	46.6	57.1	72.64	-2,065.8	1,813.0	806.5	721.4	85.09	9.478	
7,250.0	6,641.9	7,063.4	6,417.4	46.3	57.2	75.25	-2,051.8	1,830.4	813.8	729.4	84.31	9.652	
7,300.0	6,678.7	7,120.9	6,468.8	46.0	57.2	77.53	-2,033.0	1,848.0	821.2	737.6	83.51	9.833	
7,350.0	6,713.1	7,180.7	6,520.6	45.7	57.1	79.54	-2,008.9	1,865.6	828.6	745.9	82.71	10.018	
7,400.0	6,745.1	7,242.9	6,572.2	45.4	57.0	81.34	-1,979.1	1,883.2	835.9	754.0	81.92	10.204	
7,450.0	6,774.3	7,307.6	6,623.2	45.0	56.8	82.94	-1,943.1	1,900.6	843.0	761.9	81.13	10.391	
7,500.0	6,800.8	7,375.0	6,672.7	44.6	56.6	84.38	-1,900.7	1,917.4	849.9	769.5	80.37	10.575	
7,550.0	6,824.4	7,445.0	6,720.0	44.2	56.3	85.66	-1,851.6	1,933.4	856.3	776.7	79.64	10.752	
7,600.0	6,844.9	7,517.8	6,764.1	43.8	55.9	86.79	-1,795.7	1,948.3	862.2	783.3	78.97	10.919	
7,650.0	6,862.3	7,593.1	6,803.8	43.4	55.5	87.76	-1,733.2	1,961.6	867.5	789.1	78.36	11.070	
7,700.0	6,876.5	7,670.8	6,838.0	43.0	55.1	88.57	-1,664.5	1,973.1	871.9	794.1	77.83	11.202	
7,750.0	6,887.4	7,750.6	6,865.7	42.7	54.6	89.21	-1,590.3	1,982.2	875.4	798.0	77.40	11.311	
7,800.0	6,894.9	7,832.0	6,885.7	42.3	54.1	89.66	-1,511.6	1,988.7	878.0	800.9	77.07	11.392	
7,850.0	6,899.1	7,914.6	6,897.2	41.9	53.6	89.93	-1,430.0	1,992.3	879.4	802.6	76.85	11.444	
7,886.2	6,900.0	7,974.7	6,900.0	41.6	53.2	90.00	-1,370.0	1,993.0	879.8	803.1	76.75	11.464	
7,900.0	6,900.0	7,990.4	6,900.0	41.5	53.1	90.00	-1,354.2	1,993.0	879.8	803.3	76.56	11.491	
8,000.0	6,900.0	8,090.4	6,900.0	40.7	52.5	90.00	-1,254.2	1,992.5	879.8	804.5	75.31	11.683	
8,100.0	6,900.0	8,190.4	6,900.0	40.0	51.8	90.00	-1,154.2	1,992.1	879.8	805.6	74.23	11.853	
8,200.0	6,900.0	8,290.4	6,900.0	39.4	51.2	90.00	-1,054.2	1,991.6	879.9	806.5	73.33	11.999	
8,300.0	6,900.0	8,390.4	6,900.0	38.8	50.6	90.00	-954.2	1,991.2	879.9	807.2	72.62	12.116	
8,400.0	6,900.0	8,490.4	6,900.0	38.3	50.0	90.00	-854.2	1,990.7	879.9	807.8	72.11	12.201	
8,500.0	6,900.0	8,590.4	6,900.0	37.8	49.5	90.00	-754.2	1,990.3	879.9	808.1	71.81	12.253	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Site Error: 0.0 ft	
Survey Program: 0-MWD												Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
8,600.0	6,900.0	8,690.4	6,900.0	37.4	49.0	90.00	-654.2	1,989.8	879.9	808.2	71.71	12.271	
8,700.0	6,900.0	8,790.4	6,900.0	37.1	48.5	90.00	-554.2	1,989.4	879.9	808.1	71.81	12.253	
8,800.0	6,900.0	8,890.4	6,900.0	36.9	48.1	90.00	-454.2	1,988.9	879.9	807.8	72.12	12.200	
8,900.0	6,900.0	8,990.4	6,900.0	36.8	47.6	90.00	-354.2	1,988.5	879.9	807.3	72.64	12.114	
9,000.0	6,900.0	9,090.4	6,900.0	36.8	47.2	90.00	-254.2	1,988.0	879.9	806.6	73.35	11.996	
9,100.0	6,900.0	9,190.4	6,900.0	36.9	46.8	90.00	-154.2	1,987.6	879.9	805.7	74.25	11.850	
9,200.0	6,900.0	9,290.4	6,900.0	37.2	46.4	90.00	-54.2	1,987.1	880.0	804.6	75.34	11.679	
9,300.0	6,900.0	9,390.4	6,900.0	37.6	46.1	90.00	45.8	1,986.7	880.0	803.4	76.61	11.486	
9,400.0	6,900.0	9,490.4	6,900.0	38.1	45.7	90.00	145.8	1,986.2	880.0	801.9	78.05	11.275	
9,500.0	6,900.0	9,590.4	6,900.0	38.7	45.4	90.00	245.8	1,985.8	880.0	800.3	79.65	11.049	
9,600.0	6,900.0	9,690.4	6,900.0	39.5	45.2	90.00	345.8	1,985.3	880.0	798.6	81.39	10.812	
9,700.0	6,900.0	9,790.4	6,900.0	40.4	45.0	90.00	445.8	1,984.9	880.0	796.7	83.28	10.567	
9,768.9	6,900.0	9,859.3	6,900.0	41.1	44.9	90.00	514.7	1,984.6	880.0	795.4	84.66	10.395	
9,800.0	6,900.0	9,911.6	6,900.0	41.4	44.9	90.00	566.9	1,983.8	880.0	794.5	85.45	10.298	
9,900.0	6,900.0	10,076.3	6,900.0	42.2	45.6	90.00	731.1	1,972.2	877.3	789.6	87.69	10.004	
9,955.2	6,900.0	10,131.5	6,900.0	42.7	46.2	90.00	786.1	1,966.5	876.5	787.8	88.66	9.885	
9,959.0	6,900.0	10,135.3	6,900.0	42.7	46.3	90.00	789.9	1,966.1	876.5	787.7	88.73	9.878	
10,000.0	6,900.0	10,176.2	6,900.0	43.2	46.8	90.00	830.6	1,962.0	876.5	786.9	89.64	9.778	
10,100.0	6,900.0	10,276.2	6,900.0	44.4	48.1	90.00	930.1	1,951.8	876.7	784.7	92.03	9.527	
10,200.0	6,900.0	10,376.2	6,900.0	45.8	49.5	90.00	1,029.6	1,941.6	876.9	782.4	94.53	9.277	
10,300.0	6,900.0	10,476.2	6,900.0	47.2	51.0	90.00	1,129.0	1,931.4	877.1	780.0	97.13	9.031	
10,400.0	6,900.0	10,576.2	6,900.0	48.6	52.5	90.00	1,228.5	1,921.2	877.3	777.5	99.81	8.790	
10,500.0	6,900.0	10,676.2	6,900.0	50.0	54.0	90.00	1,328.0	1,911.0	877.5	775.0	102.57	8.555	
10,600.0	6,900.0	10,776.2	6,900.0	51.5	55.5	90.00	1,427.5	1,900.8	877.7	772.3	105.41	8.327	
10,700.0	6,900.0	10,876.2	6,900.0	53.1	57.1	90.00	1,527.0	1,890.6	877.9	769.6	108.32	8.105	
10,800.0	6,900.0	10,976.2	6,900.0	54.6	58.7	90.00	1,626.4	1,880.4	878.1	766.8	111.29	7.890	
10,900.0	6,900.0	11,076.2	6,900.0	56.2	60.3	90.00	1,725.9	1,870.2	878.3	764.0	114.32	7.683	
11,000.0	6,900.0	11,176.2	6,900.0	57.8	61.9	90.00	1,825.4	1,860.0	878.5	761.1	117.40	7.483	
11,100.0	6,900.0	11,276.2	6,900.0	59.4	63.5	90.00	1,924.9	1,849.8	878.7	758.2	120.54	7.290	
11,200.0	6,900.0	11,376.2	6,900.0	61.0	65.1	90.00	2,024.3	1,839.6	878.9	755.2	123.71	7.105	
11,300.0	6,900.0	11,476.2	6,900.0	62.6	66.8	90.00	2,123.8	1,829.4	879.1	752.2	126.93	6.926	
11,400.0	6,900.0	11,576.2	6,900.0	64.3	68.5	90.00	2,223.3	1,819.2	879.3	749.1	130.19	6.754	
11,500.0	6,900.0	11,676.2	6,900.0	66.0	70.1	90.00	2,322.8	1,809.0	879.5	746.0	133.49	6.589	
11,600.0	6,900.0	11,722.9	6,900.0	67.7	70.9	90.00	2,369.2	1,804.3	881.3	745.4	135.94	6.483	
11,639.7	6,900.0	11,722.9	6,900.0	68.4	70.9	90.00	2,369.2	1,804.3	884.7	748.1	136.61	6.476 SF	

Company: Synergy Resources
Project: SEC.2-T4N-R68W
Reference Site: SRC Vista (N/S) Pad Sec.2-T4N-R68W
Site Error: 0.0ft
Reference Well: SRC Vista A-2NHZ
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (11-07-14)

Local Co-ordinate Reference: Well SRC Vista A-2NHZ
TVD Reference: WELL @ 5013.0ft (RKB - 13')
MD Reference: WELL @ 5013.0ft (RKB - 13')
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')

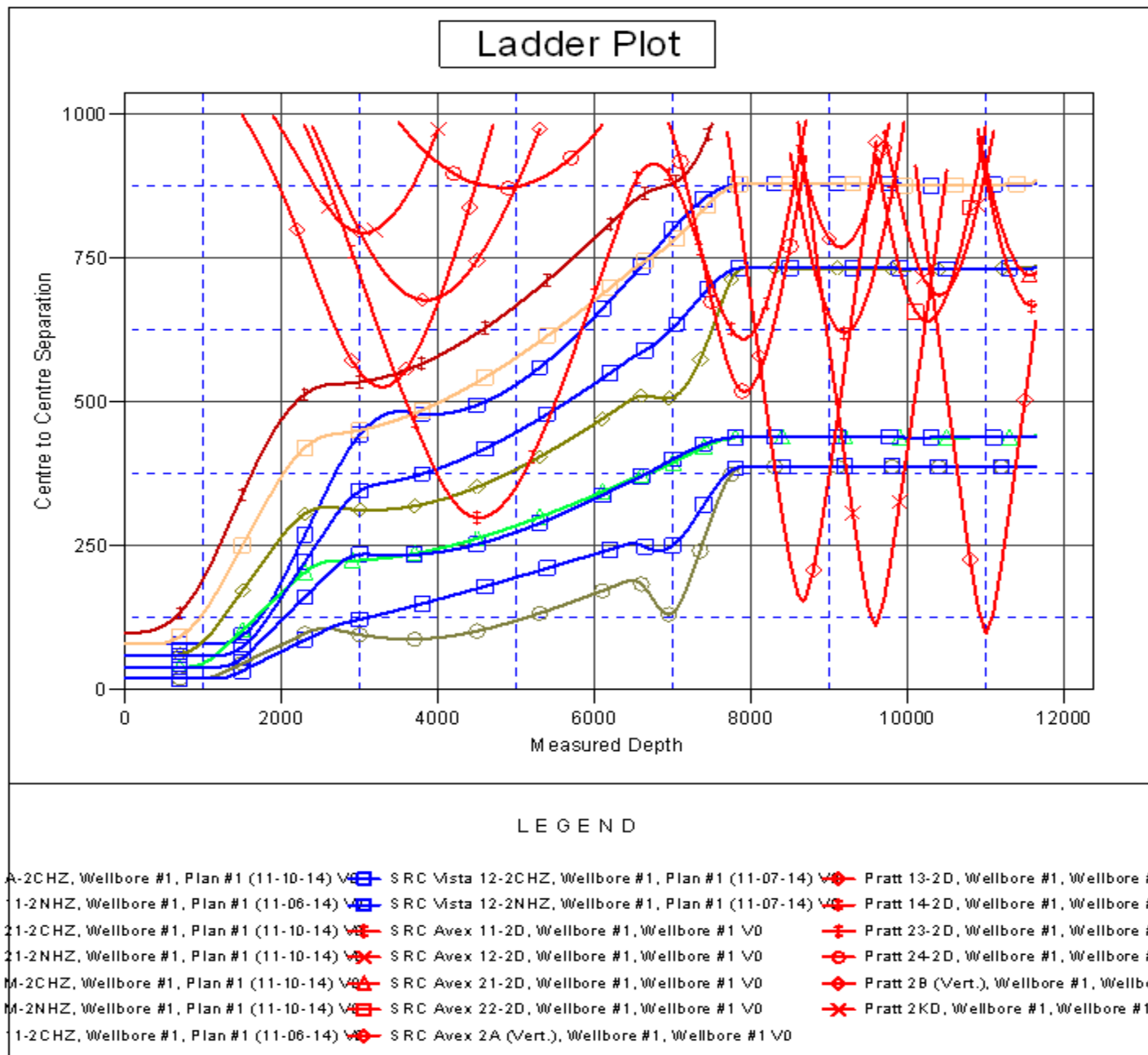
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista A-2NHZ

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.34°



Company: Synergy Resources
Project: SEC.2-T4N-R68W
Reference Site: SRC Vista (N/S) Pad Sec.2-T4N-R68W
Site Error: 0.0ft
Reference Well: SRC Vista A-2NHZ
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
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Local Co-ordinate Reference: Well SRC Vista A-2NHZ
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Survey Calculation Method: Minimum Curvature
Output errors are at 2.00 sigma
Database: Landmark
Offset TVD Reference: Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista A-2NHZ

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.34°

