

Synergy Resources

Well Name: **SRC Vista 11-2CHZ**

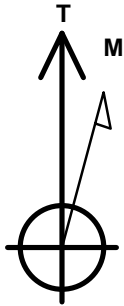
Surface Location: SRC Vista (N/S) Pad Sec.2-T4N-R68W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 5000.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1367696.71	3145254.63	40.341557	-104.978905	
RKB - 13' WELL @ 5013.0ft (RKB - 13')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2203'FSL, 254'FWL	1.0	0.0	0.0	Point
BHL 460'FNL, 700'FWL	7220.0	2314.1	256.2	Point
Turn Pt. (11-2CHZ)	7220.0	443.4	444.3	Point



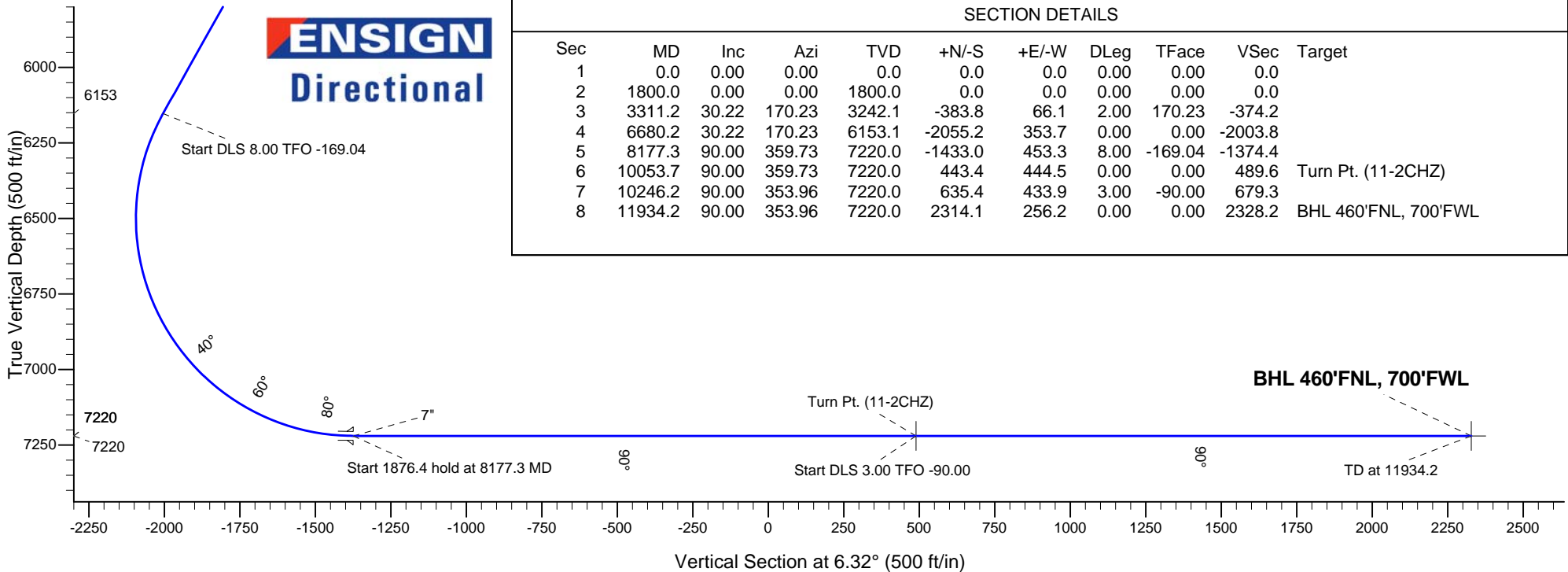
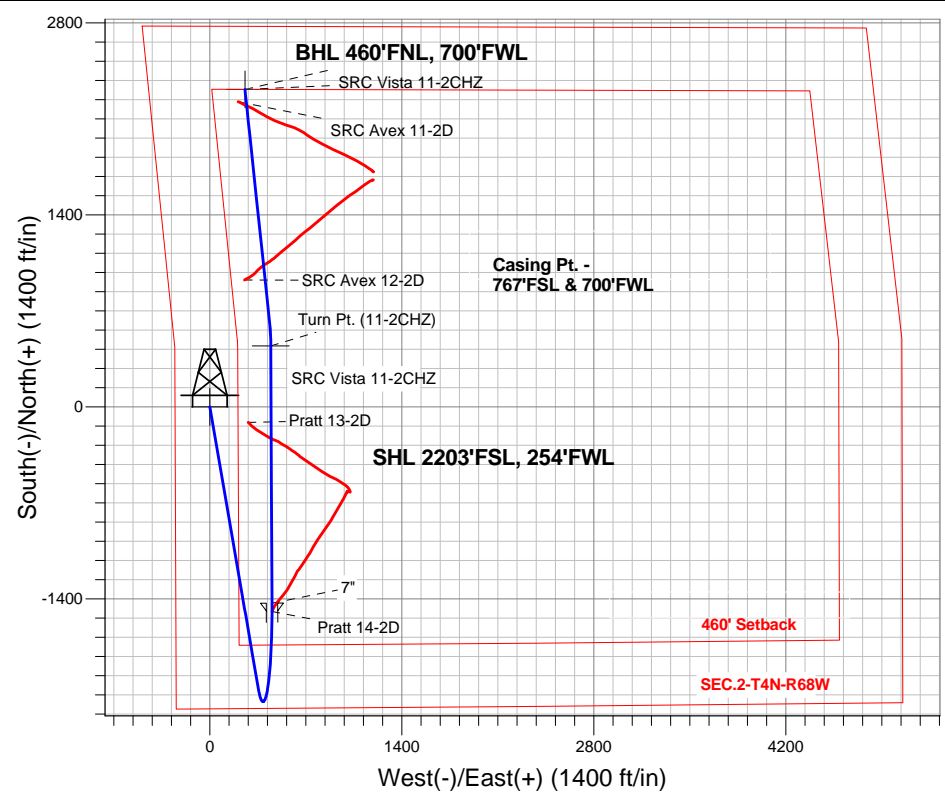
Azimuths to True North
Magnetic North: 8.51°

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 11-2CHZ
Plan #1 (11-06-14)
7:57, November 11 2014

ANNOTATIONS

TVD	MD	Annotation
1800.0	1800.0	KOP - Start Build 2.00
6153.1	6680.2	Start DLS 8.00 TFO -169.04
7220.0	8177.3	Start 1876.4 hold at 8177.3 MD
7220.0	10053.7	Start DLS 3.00 TFO -90.00
7220.0	10246.2	Start 1688.1 hold at 10246.2 MD
7220.0	11934.2	TD at 11934.2



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1800.0	0.00	0.00	1800.0	0.0	0.0	0.00	0.00	0.0	
3	3311.2	30.22	170.23	3242.1	-383.8	66.1	2.00	170.23	-374.2	
4	6680.2	30.22	170.23	6153.1	-2055.2	353.7	0.00	0.00	-2003.8	
5	8177.3	90.00	359.73	7220.0	-1433.0	453.3	8.00	-169.04	-1374.4	
6	10053.7	90.00	359.73	7220.0	443.4	444.5	0.00	0.00	489.6	Turn Pt. (11-2CHZ)
7	10246.2	90.00	353.96	7220.0	635.4	433.9	3.00	-90.00	679.3	
8	11934.2	90.00	353.96	7220.0	2314.1	256.2	0.00	0.00	2328.2	BHL 460'FNL, 700'FWL



Synergy Resources

SEC.2-T4N-R68W

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

SRC Vista 11-2CHZ

Wellbore #1

Plan: Plan #1 (11-06-14)

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	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,311.2	30.22	170.23	3,242.1	-383.8	66.1	2.00	2.00	0.00	170.23	
6,680.2	30.22	170.23	6,153.1	-2,055.2	353.7	0.00	0.00	0.00	0.00	
8,177.3	90.00	359.73	7,220.0	-1,433.0	453.3	8.00	3.99	-11.39	-169.04	
10,053.7	90.00	359.73	7,220.0	443.4	444.5	0.00	0.00	0.00	0.00	Turn Pt. (11-2CHZ)
10,246.2	90.00	353.96	7,220.0	635.4	433.9	3.00	0.00	-3.00	-90.00	
11,934.2	90.00	353.96	7,220.0	2,314.1	256.2	0.00	0.00	0.00	0.00	BHL 460'FNL, 700'

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

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 2203'FSL, 254'FWL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 2.00									
1,900.0	2.00	170.23	1,900.0	-1.7	0.3	-1.7	2.00	2.00	0.00
2,000.0	4.00	170.23	1,999.8	-6.9	1.2	-6.7	2.00	2.00	0.00
2,100.0	6.00	170.23	2,099.5	-15.5	2.7	-15.1	2.00	2.00	0.00
2,200.0	8.00	170.23	2,198.7	-27.5	4.7	-26.8	2.00	2.00	0.00
2,300.0	10.00	170.23	2,297.5	-42.9	7.4	-41.8	2.00	2.00	0.00
2,400.0	12.00	170.23	2,395.6	-61.7	10.6	-60.2	2.00	2.00	0.00
2,500.0	14.00	170.23	2,493.1	-83.9	14.4	-81.8	2.00	2.00	0.00
2,600.0	16.00	170.23	2,589.6	-109.4	18.8	-106.6	2.00	2.00	0.00
2,700.0	18.00	170.23	2,685.3	-138.2	23.8	-134.7	2.00	2.00	0.00
2,800.0	20.00	170.23	2,779.8	-170.3	29.3	-166.0	2.00	2.00	0.00
2,900.0	22.00	170.23	2,873.2	-205.6	35.4	-200.4	2.00	2.00	0.00
3,000.0	24.00	170.23	2,965.2	-244.1	42.0	-238.0	2.00	2.00	0.00
3,100.0	26.00	170.23	3,055.8	-285.7	49.2	-278.6	2.00	2.00	0.00
3,200.0	28.00	170.23	3,144.9	-330.5	56.9	-322.2	2.00	2.00	0.00
3,300.0	30.00	170.23	3,232.4	-378.2	65.1	-368.8	2.00	2.00	0.00
3,311.2	30.22	170.23	3,242.1	-383.8	66.1	-374.2	2.00	2.00	0.00
3,400.0	30.22	170.23	3,318.8	-427.8	73.6	-417.1	0.00	0.00	0.00
3,500.0	30.22	170.23	3,405.2	-477.4	82.2	-465.5	0.00	0.00	0.00
3,600.0	30.22	170.23	3,491.6	-527.1	90.7	-513.9	0.00	0.00	0.00
3,700.0	30.22	170.23	3,578.0	-576.7	99.2	-562.2	0.00	0.00	0.00
3,800.0	30.22	170.23	3,664.4	-626.3	107.8	-610.6	0.00	0.00	0.00
3,900.0	30.22	170.23	3,750.8	-675.9	116.3	-659.0	0.00	0.00	0.00
4,000.0	30.22	170.23	3,837.2	-725.5	124.9	-707.4	0.00	0.00	0.00
4,100.0	30.22	170.23	3,923.7	-775.1	133.4	-755.7	0.00	0.00	0.00
4,200.0	30.22	170.23	4,010.1	-824.7	141.9	-804.1	0.00	0.00	0.00
4,300.0	30.22	170.23	4,096.5	-874.3	150.5	-852.5	0.00	0.00	0.00
4,400.0	30.22	170.23	4,182.9	-923.9	159.0	-900.8	0.00	0.00	0.00
4,500.0	30.22	170.23	4,269.3	-973.5	167.5	-949.2	0.00	0.00	0.00
4,600.0	30.22	170.23	4,355.7	-1,023.2	176.1	-997.6	0.00	0.00	0.00
4,700.0	30.22	170.23	4,442.1	-1,072.8	184.6	-1,045.9	0.00	0.00	0.00
4,800.0	30.22	170.23	4,528.5	-1,122.4	193.2	-1,094.3	0.00	0.00	0.00
4,900.0	30.22	170.23	4,614.9	-1,172.0	201.7	-1,142.7	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

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	30.22	170.23	4,701.3	-1,221.6	210.2	-1,191.1	0.00	0.00	0.00
5,100.0	30.22	170.23	4,787.7	-1,271.2	218.8	-1,239.4	0.00	0.00	0.00
5,200.0	30.22	170.23	4,874.1	-1,320.8	227.3	-1,287.8	0.00	0.00	0.00
5,300.0	30.22	170.23	4,960.5	-1,370.4	235.9	-1,336.2	0.00	0.00	0.00
5,400.0	30.22	170.23	5,046.9	-1,420.0	244.4	-1,384.5	0.00	0.00	0.00
5,500.0	30.22	170.23	5,133.3	-1,469.6	252.9	-1,432.9	0.00	0.00	0.00
5,600.0	30.22	170.23	5,219.7	-1,519.3	261.5	-1,481.3	0.00	0.00	0.00
5,700.0	30.22	170.23	5,306.1	-1,568.9	270.0	-1,529.6	0.00	0.00	0.00
5,800.0	30.22	170.23	5,392.5	-1,618.5	278.5	-1,578.0	0.00	0.00	0.00
5,900.0	30.22	170.23	5,479.0	-1,668.1	287.1	-1,626.4	0.00	0.00	0.00
6,000.0	30.22	170.23	5,565.4	-1,717.7	295.6	-1,674.7	0.00	0.00	0.00
6,100.0	30.22	170.23	5,651.8	-1,767.3	304.2	-1,723.1	0.00	0.00	0.00
6,200.0	30.22	170.23	5,738.2	-1,816.9	312.7	-1,771.5	0.00	0.00	0.00
6,300.0	30.22	170.23	5,824.6	-1,866.5	321.2	-1,819.9	0.00	0.00	0.00
6,400.0	30.22	170.23	5,911.0	-1,916.1	329.8	-1,868.2	0.00	0.00	0.00
6,500.0	30.22	170.23	5,997.4	-1,965.7	338.3	-1,916.6	0.00	0.00	0.00
6,600.0	30.22	170.23	6,083.8	-2,015.4	346.8	-1,965.0	0.00	0.00	0.00
6,680.2	30.22	170.23	6,153.1	-2,055.1	353.7	-2,003.8	0.00	0.00	0.00
Start DLS 8.00 TFO -169.04									
6,700.0	28.67	169.61	6,170.3	-2,064.7	355.4	-2,013.1	7.98	-7.83	-3.16
6,800.0	20.89	165.15	6,261.1	-2,105.6	364.3	-2,052.8	8.00	-7.78	-4.46
6,900.0	13.35	155.84	6,356.6	-2,133.4	373.6	-2,079.4	8.00	-7.54	-9.31
7,000.0	6.90	127.16	6,455.0	-2,147.6	383.1	-2,092.4	8.00	-6.45	-28.68
7,100.0	6.68	54.87	6,554.5	-2,147.9	392.7	-2,091.7	8.00	-0.22	-72.29
7,200.0	13.01	24.31	6,653.0	-2,134.3	402.1	-2,077.1	8.00	6.33	-30.56
7,300.0	20.53	14.60	6,748.7	-2,107.0	411.2	-2,049.0	8.00	7.52	-9.71
7,400.0	28.31	10.01	6,839.7	-2,066.6	419.7	-2,007.9	8.00	7.78	-4.59
7,500.0	36.17	7.28	6,924.2	-2,013.9	427.6	-1,954.6	8.00	7.87	-2.73
7,600.0	44.09	5.42	7,000.6	-1,949.9	434.7	-1,890.3	8.00	7.91	-1.86
7,700.0	52.02	4.03	7,067.4	-1,875.8	440.7	-1,816.0	8.00	7.93	-1.39
7,800.0	59.96	2.92	7,123.3	-1,793.2	445.7	-1,733.2	8.00	7.95	-1.12
7,900.0	67.92	1.96	7,167.2	-1,703.5	449.5	-1,643.7	8.00	7.95	-0.95
8,000.0	75.88	1.12	7,198.3	-1,608.5	452.0	-1,549.0	8.00	7.96	-0.85
8,100.0	83.84	0.32	7,215.8	-1,510.2	453.3	-1,451.2	8.00	7.96	-0.79
8,177.3	90.00	359.73	7,220.0	-1,433.0	453.3	-1,374.5	8.00	7.96	-0.77
Start 1876.4 hold at 8177.3 MD - 7"									
8,200.0	90.00	359.73	7,220.0	-1,410.3	453.2	-1,351.9	0.02	0.02	0.00
8,300.0	90.00	359.73	7,220.0	-1,310.3	452.7	-1,252.6	0.00	0.00	0.00
8,400.0	90.00	359.73	7,220.0	-1,210.4	452.3	-1,153.2	0.00	0.00	0.00
8,500.0	90.00	359.73	7,220.0	-1,110.4	451.8	-1,053.9	0.00	0.00	0.00
8,600.0	90.00	359.73	7,220.0	-1,010.4	451.3	-954.6	0.00	0.00	0.00
8,700.0	90.00	359.73	7,220.0	-910.4	450.8	-855.2	0.00	0.00	0.00
8,800.0	90.00	359.73	7,220.0	-810.4	450.4	-755.9	0.00	0.00	0.00
8,900.0	90.00	359.73	7,220.0	-710.4	449.9	-656.5	0.00	0.00	0.00
9,000.0	90.00	359.73	7,220.0	-610.4	449.4	-557.2	0.00	0.00	0.00
9,100.0	90.00	359.73	7,220.0	-510.4	449.0	-457.9	0.00	0.00	0.00
9,200.0	90.00	359.73	7,220.0	-410.4	448.5	-358.5	0.00	0.00	0.00
9,300.0	90.00	359.73	7,220.0	-310.4	448.0	-259.2	0.00	0.00	0.00
9,400.0	90.00	359.73	7,220.0	-210.4	447.5	-159.8	0.00	0.00	0.00
9,500.0	90.00	359.73	7,220.0	-110.4	447.1	-60.5	0.00	0.00	0.00
9,600.0	90.00	359.73	7,220.0	-10.4	446.6	38.8	0.00	0.00	0.00
9,700.0	90.00	359.73	7,220.0	89.6	446.1	138.2	0.00	0.00	0.00
9,800.0	90.00	359.73	7,220.0	189.6	445.7	237.5	0.00	0.00	0.00
9,900.0	90.00	359.73	7,220.0	289.6	445.2	336.9	0.00	0.00	0.00

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")	
8,177.3	7,220.0	7"		7	7-1/2	

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-06-14)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,800.0	1,800.0	0.0	0.0	KOP - Start Build 2.00
6,680.2	6,153.1	-2,055.1	353.7	Start DLS 8.00 TFO -169.04
8,177.3	7,220.0	-1,433.0	453.3	Start 1876.4 hold at 8177.3 MD
10,053.7	7,220.0	443.3	444.5	Start DLS 3.00 TFO -90.00
10,246.2	7,220.0	635.5	433.9	Start 1688.1 hold at 10246.2 MD
11,934.2	7,220.0	2,314.1	256.2	TD at 11934.2



Synergy Resources

SEC.2-T4N-R68W

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

SRC Vista 11-2CHZ

Wellbore #1

Plan #1 (11-06-14)

Anticollision Report

11 November, 2014

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (11-06-14)		
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	11,934.2	Plan #1 (11-06-14) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Pratt 14-2D Pad Sec.2-T4N-R68W						
Pratt 13-2D - Wellbore #1 - Wellbore #1	9,468.1	7,268.8	139.2	86.7	2.651	CC, ES, SF
Pratt 14-2D - Wellbore #1 - Wellbore #1	8,161.1	7,306.7	23.2	-34.4	0.403	Level 1, CC, ES, SF
SRC Avex 11-2D Pad Sec.2-T4N-R68W						
SRC Avex 11-2D - Wellbore #1 - Wellbore #1	11,840.1	7,317.9	40.6	-43.3	0.484	Level 1, CC, ES, SF
SRC Avex 12-2D - Wellbore #1 - Wellbore #1	10,587.2	7,308.8	78.8	14.9	1.233	Level 2, CC, ES, SF
SRC Vista (N/S) Pad Sec.2-T4N-R68W						
SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)	1,800.0	1,800.0	20.0	12.2	2.547	CC, ES
SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)	6,850.0	6,949.0	166.6	80.2	1.928	SF
SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)	1,400.0	1,400.0	39.7	33.6	6.543	CC, ES
SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)	11,900.0	11,914.9	440.0	307.5	3.320	SF
SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	1,600.0	1,600.0	19.7	12.7	2.823	CC, ES
SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	6,900.0	6,896.6	220.1	134.0	2.557	SF
SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	600.0	600.0	119.9	117.4	48.478	CC, ES
SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	6,300.0	6,032.0	998.1	922.9	13.283	SF
SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	800.0	800.0	99.8	96.4	29.607	CC, ES
SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	6,900.0	6,659.2	986.7	900.4	11.424	SF
SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	1,000.0	1,000.0	79.8	75.5	18.682	CC, ES
SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	11,934.2	11,930.1	884.7	750.7	6.604	SF
SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	1,200.0	1,200.0	59.7	54.6	11.556	CC, ES
SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	11,934.2	11,639.7	736.5	609.3	5.788	SF
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	200.0	200.0	159.9	159.3	237.182	CC, ES
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	4,500.0	4,199.5	998.5	961.3	26.887	SF
SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	400.0	400.0	139.9	138.3	88.914	CC, ES
SRC Vista M-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	5,000.0	4,703.8	996.3	949.9	21.472	SF

Offset Design	Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1											Offset Site Error:	0.0ft
Survey Program:	48-MWD											Offset Well Error:	0.0ft
Reference Measured Depth (ft)	Vertical Depth (ft)	Offset Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,900.0	1,900.0	2,036.2	2,022.3	4.1	5.7	-50.46	-491.4	849.2	987.2	978.5	8.63	114.453	
2,000.0	1,999.8	2,139.0	2,124.4	4.3	6.0	-50.98	-484.8	838.7	971.8	962.8	9.01	107.809	
2,100.0	2,099.5	2,239.7	2,224.3	4.5	6.3	-51.74	-477.8	828.0	953.7	944.3	9.41	101.383	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0ft
Survey Program: 48-MWD												Offset Well Error:	0.0ft
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
2,200.0	2,198.7	2,337.9	2,321.7	4.7	6.6	-52.71	-471.0	817.6	933.6	923.8	9.81	95.180	
2,300.0	2,297.5	2,437.0	2,420.0	4.9	7.0	-53.93	-464.1	806.8	911.3	901.1	10.23	89.064	
2,400.0	2,395.6	2,525.6	2,507.8	5.1	7.2	-55.29	-458.4	797.2	887.5	876.9	10.65	83.303	
2,500.0	2,493.1	2,619.4	2,601.0	5.4	7.5	-56.96	-452.7	787.5	862.8	851.7	11.13	77.520	
2,600.0	2,589.6	2,715.0	2,695.9	5.8	7.8	-59.03	-446.1	777.6	836.5	824.8	11.67	71.679	
2,700.0	2,685.3	2,803.9	2,784.1	6.2	8.1	-61.30	-440.1	768.7	809.3	797.0	12.27	65.964	
2,800.0	2,779.8	2,895.2	2,874.7	6.6	8.3	-63.98	-434.0	759.6	781.8	768.8	12.97	60.284	
2,900.0	2,873.2	2,990.0	2,968.8	7.1	8.6	-67.18	-427.2	750.2	754.0	740.2	13.80	54.644	
3,000.0	2,965.2	3,087.9	3,065.8	7.7	8.9	-70.97	-419.6	739.3	725.5	710.7	14.78	49.099	
3,100.0	3,055.8	3,166.5	3,143.7	8.4	9.2	-74.49	-413.6	730.4	698.2	682.4	15.79	44.204	
3,200.0	3,144.9	3,247.5	3,224.0	9.1	9.4	-78.42	-407.8	721.9	673.7	656.8	16.94	39.779	
3,300.0	3,232.4	3,330.2	3,306.1	9.9	9.7	-82.77	-401.8	713.4	652.4	634.2	18.19	35.874	
3,311.2	3,242.1	3,339.4	3,315.1	10.0	9.7	-83.28	-401.1	712.4	650.3	631.9	18.33	35.473	
3,400.0	3,318.8	3,411.3	3,386.5	10.8	9.9	-86.98	-395.7	704.9	635.3	615.8	19.47	32.630	
3,500.0	3,405.2	3,492.3	3,466.8	11.7	10.2	-91.30	-389.2	696.5	623.3	602.5	20.75	30.038	
3,600.0	3,491.6	3,574.3	3,548.1	12.5	10.4	-95.76	-382.7	687.9	616.6	594.6	22.00	28.022	
3,673.7	3,555.3	3,634.8	3,608.0	13.2	10.6	-99.05	-378.2	681.5	615.1	592.2	22.89	26.872	
3,700.0	3,578.0	3,656.4	3,629.4	13.5	10.7	-100.23	-376.6	679.2	615.3	592.1	23.20	26.526	
3,800.0	3,664.4	3,738.0	3,710.4	14.4	10.9	-104.66	-370.7	670.4	619.4	595.1	24.30	25.486	
3,900.0	3,750.8	3,817.7	3,789.5	15.3	11.2	-108.88	-365.2	662.2	629.0	603.7	25.31	24.852	
4,000.0	3,837.2	3,895.5	3,866.7	16.3	11.4	-112.88	-360.0	654.5	644.0	617.8	26.22	24.562	
4,100.0	3,923.7	3,971.3	3,942.0	17.2	11.6	-116.66	-354.4	647.4	664.4	637.4	27.04	24.576	
4,200.0	4,010.1	4,054.6	4,024.6	18.2	11.9	-120.64	-347.8	639.6	689.4	661.6	27.75	24.842	
4,300.0	4,096.5	4,138.1	4,107.4	19.1	12.1	-124.45	-341.2	631.3	718.0	689.6	28.37	25.309	
4,400.0	4,182.9	4,221.5	4,190.2	20.1	12.4	-128.02	-334.8	622.8	749.8	720.9	28.90	25.941	
4,500.0	4,269.3	4,303.6	4,271.6	21.0	12.6	-131.28	-328.8	614.5	784.5	755.2	29.37	26.712	
4,600.0	4,355.7	4,387.3	4,354.8	22.0	12.9	-134.32	-323.3	606.8	821.8	792.0	29.78	27.596	
4,700.0	4,442.1	4,474.6	4,441.6	23.0	13.1	-137.25	-318.0	598.6	860.9	830.8	30.13	28.573	
4,800.0	4,528.5	4,553.3	4,519.7	24.0	13.4	-139.72	-313.2	590.8	901.7	871.2	30.49	29.574	
4,900.0	4,614.9	4,628.8	4,594.6	24.9	13.6	-142.00	-307.7	582.5	944.8	914.0	30.83	30.647	
5,000.0	4,701.3	4,706.8	4,671.9	25.9	13.9	-144.20	-301.6	574.0	989.9	958.7	31.14	31.786	
8,500.0	7,220.0	7,211.5	7,157.8	34.9	21.3	-63.90	-146.5	312.1	976.1	928.2	47.95	20.358	
8,600.0	7,220.0	7,216.9	7,163.1	34.4	21.4	-65.81	-146.2	311.7	877.5	829.3	48.16	18.218	
8,700.0	7,220.0	7,222.3	7,168.6	34.0	21.4	-67.81	-145.9	311.4	779.1	730.6	48.44	16.084	
8,800.0	7,220.0	7,227.9	7,174.1	33.7	21.4	-69.90	-145.5	311.0	681.1	632.3	48.77	13.965	
8,900.0	7,220.0	7,233.7	7,179.9	33.5	21.4	-72.09	-145.2	310.6	583.7	534.6	49.17	11.873	
9,000.0	7,220.0	7,239.5	7,185.7	33.4	21.4	-74.37	-144.8	310.3	487.4	437.8	49.62	9.822	
9,100.0	7,220.0	7,245.5	7,191.7	33.5	21.4	-76.75	-144.5	309.9	392.8	342.6	50.14	7.833	
9,200.0	7,220.0	7,251.7	7,197.8	33.6	21.4	-79.22	-144.1	309.5	301.5	250.8	50.72	5.946	
9,300.0	7,220.0	7,257.9	7,204.0	33.9	21.5	-81.77	-143.7	309.0	217.9	166.6	51.34	4.245	
9,400.0	7,220.0	7,264.4	7,210.4	34.3	21.5	-84.40	-143.2	308.6	154.9	102.9	52.01	2.978	
9,468.1	7,220.0	7,268.8	7,214.9	34.6	21.5	-86.24	-143.0	308.3	139.2	86.7	52.50	2.651	CC, ES, SF
9,500.0	7,220.0	7,271.0	7,217.0	34.8	21.5	-87.11	-142.8	308.2	142.8	90.1	52.72	2.708	
9,600.0	7,220.0	7,277.7	7,223.7	35.4	21.5	-89.88	-142.4	307.7	191.6	138.1	53.45	3.584	
9,700.0	7,220.0	7,284.6	7,230.6	36.1	21.5	-92.70	-141.9	307.3	270.0	215.8	54.20	4.982	
9,800.0	7,220.0	7,291.7	7,237.7	36.9	21.5	-95.55	-141.4	306.8	359.2	304.3	54.95	6.537	
9,900.0	7,220.0	7,299.0	7,244.9	37.8	21.6	-98.44	-140.9	306.3	452.9	397.2	55.69	8.131	
10,000.0	7,220.0	7,306.5	7,252.3	38.7	21.6	-101.33	-140.4	305.8	548.6	492.2	56.41	9.725	
10,053.7	7,220.0	7,310.6	7,256.4	39.3	21.6	-102.88	-140.1	305.6	600.6	543.8	56.79	10.576	
10,100.0	7,220.0	7,314.0	7,259.8	39.7	21.6	-102.89	-139.8	305.3	645.5	588.2	57.24	11.278	
10,200.0	7,220.0	7,321.5	7,267.3	40.3	21.6	-102.70	-139.3	304.8	742.1	684.1	58.02	12.791	
10,246.2	7,220.0	7,324.9	7,270.7	40.7	21.6	-102.54	-139.1	304.6	786.6	728.2	58.39	13.471	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design 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								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)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
10,300.0	7,220.0	7,329.0	7,274.8	41.3	21.6	-103.57	-138.8	304.3	838.5	779.7	58.80	14.261	
10,400.0	7,220.0	7,336.5	7,282.3	42.5	21.7	-105.45	-138.2	303.9	935.4	875.7	59.75	15.654	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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
3,100.0	3,055.8	3,090.6	3,066.8	8.4	8.3	-46.98	-877.3	850.7	996.2	980.8	15.41	64.658	
3,200.0	3,144.9	3,180.9	3,156.1	9.1	8.6	-48.54	-888.2	842.1	963.2	946.9	16.26	59.237	
3,300.0	3,232.4	3,266.6	3,240.8	9.9	8.9	-50.31	-899.0	834.1	928.7	911.5	17.18	54.057	
3,311.2	3,242.1	3,276.0	3,250.0	10.0	8.9	-50.52	-900.1	833.2	924.8	907.5	17.29	53.490	
3,400.0	3,318.8	3,350.6	3,323.8	10.8	9.1	-51.79	-909.2	827.2	894.2	876.0	18.21	49.105	
3,500.0	3,405.2	3,439.3	3,411.6	11.7	9.4	-53.43	-919.8	820.5	860.7	841.4	19.30	44.595	
3,600.0	3,491.6	3,536.6	3,507.9	12.5	9.7	-55.33	-931.8	812.9	828.0	807.5	20.50	40.391	
3,700.0	3,578.0	3,633.1	3,603.0	13.5	10.1	-57.20	-945.2	803.4	795.0	773.2	21.75	36.558	
3,800.0	3,664.4	3,723.0	3,691.5	14.4	10.4	-59.03	-958.2	794.2	762.7	739.7	23.01	33.143	
3,900.0	3,750.8	3,811.0	3,778.1	15.3	10.7	-60.99	-970.8	785.5	731.6	707.3	24.29	30.113	
4,000.0	3,837.2	3,899.3	3,865.1	16.3	11.0	-63.12	-983.4	777.2	701.9	676.3	25.61	27.410	
4,100.0	3,923.7	3,987.9	3,952.5	17.2	11.3	-65.45	-995.9	769.4	673.7	646.7	26.94	25.003	
4,200.0	4,010.1	4,076.7	4,040.1	18.2	11.6	-68.01	-1,007.9	762.1	647.2	618.9	28.30	22.869	
4,300.0	4,096.5	4,164.9	4,127.4	19.1	11.9	-70.81	-1,019.2	755.5	622.7	593.0	29.66	20.990	
4,400.0	4,182.9	4,254.5	4,216.0	20.1	12.2	-73.85	-1,030.7	749.1	600.4	569.3	31.03	19.345	
4,500.0	4,269.3	4,349.6	4,310.0	21.0	12.5	-77.22	-1,043.5	742.0	579.8	547.4	32.42	17.885	
4,600.0	4,355.7	4,442.8	4,402.0	22.0	12.9	-80.67	-1,056.6	734.6	561.0	527.2	33.76	16.619	
4,700.0	4,442.1	4,539.0	4,496.9	23.0	13.2	-84.44	-1,070.1	726.5	544.2	509.1	35.05	15.527	
4,800.0	4,528.5	4,637.2	4,593.5	24.0	13.6	-88.37	-1,085.2	716.9	528.5	492.2	36.25	14.578	
4,900.0	4,614.9	4,725.1	4,679.9	24.9	13.9	-92.06	-1,098.6	708.3	515.4	478.0	37.34	13.803	
5,000.0	4,701.3	4,814.0	4,767.4	25.9	14.2	-96.01	-1,111.5	700.1	505.8	467.5	38.29	13.209	
5,100.0	4,787.7	4,903.7	4,856.0	26.9	14.5	-100.16	-1,123.7	692.0	499.6	460.6	39.09	12.783	
5,200.0	4,874.1	4,995.8	4,946.7	27.9	14.8	-104.46	-1,136.6	683.8	496.9	457.1	39.73	12.506	
5,239.1	4,907.9	5,031.9	4,982.4	28.3	15.0	-106.14	-1,141.8	680.6	496.6	456.7	39.94	12.434	
5,300.0	4,960.5	5,088.2	5,037.8	28.9	15.2	-108.77	-1,149.7	675.5	497.2	457.0	40.21	12.364	
5,400.0	5,046.9	5,180.2	5,128.6	29.8	15.5	-113.08	-1,162.4	666.8	500.7	460.2	40.53	12.354	
5,500.0	5,133.3	5,271.1	5,218.2	30.8	15.8	-117.31	-1,174.7	658.0	507.4	466.7	40.70	12.468	
5,600.0	5,219.7	5,355.5	5,301.5	31.8	16.1	-121.21	-1,185.2	649.8	518.0	477.2	40.78	12.703	
5,700.0	5,306.1	5,440.7	5,385.8	32.8	16.4	-125.06	-1,194.7	642.0	532.9	492.1	40.75	13.077	
5,800.0	5,392.5	5,528.9	5,473.2	33.8	16.7	-128.66	-1,205.4	635.6	551.2	510.6	40.69	13.548	
5,900.0	5,479.0	5,622.0	5,565.3	34.8	17.0	-132.13	-1,217.3	629.7	572.0	531.4	40.58	14.095	
6,000.0	5,565.4	5,718.2	5,660.5	35.8	17.3	-135.46	-1,230.2	623.5	594.4	553.9	40.45	14.695	
6,100.0	5,651.8	5,812.9	5,754.0	36.7	17.6	-138.55	-1,243.4	616.7	617.8	577.5	40.32	15.322	
6,200.0	5,738.2	5,903.6	5,843.5	37.7	17.9	-141.36	-1,255.6	609.5	642.8	602.6	40.22	15.982	
6,300.0	5,824.6	6,004.2	5,942.8	38.7	18.3	-144.28	-1,269.7	601.0	668.8	628.8	40.06	16.696	
6,400.0	5,911.0	6,107.5	6,044.5	39.7	18.7	-147.03	-1,285.6	591.9	694.8	654.9	39.94	17.398	
6,500.0	5,997.4	6,203.4	6,138.6	40.7	19.0	-149.36	-1,301.9	583.5	720.7	680.7	39.93	18.049	
6,600.0	6,083.8	6,289.8	6,223.4	41.7	19.4	-151.35	-1,316.0	575.6	748.0	708.0	40.00	18.700	
6,680.2	6,153.1	6,362.7	6,295.1	42.5	19.7	-152.98	-1,327.4	568.5	771.0	731.0	40.05	19.251	
6,700.0	6,170.3	6,380.6	6,312.7	42.7	19.7	-152.95	-1,330.2	566.6	776.5	736.4	40.15	19.343	
6,750.0	6,215.0	6,426.4	6,357.7	43.0	19.9	-152.44	-1,337.2	561.6	788.4	748.1	40.33	19.548	
6,800.0	6,261.1	6,472.1	6,402.5	43.3	20.1	-151.10	-1,344.0	556.6	797.3	756.9	40.45	19.709	
6,850.0	6,308.3	6,518.3	6,448.1	43.5	20.2	-148.53	-1,350.8	551.6	803.1	762.6	40.48	19.838	
6,900.0	6,356.6	6,565.4	6,494.4	43.7	20.4	-143.85	-1,357.6	546.5	805.8	765.4	40.41	19.943	
6,950.0	6,405.6	6,613.1	6,541.3	43.9	20.6	-135.01	-1,364.5	541.2	805.3	765.1	40.20	20.032	
7,000.0	6,455.0	6,660.8	6,588.1	44.0	20.8	-116.86	-1,371.2	535.9	801.6	761.8	39.87	20.108	
7,050.0	6,504.8	6,710.2	6,636.8	44.0	21.0	-82.16	-1,378.1	530.2	794.6	755.2	39.39	20.175	
7,100.0	6,554.5	6,759.9	6,685.6	44.1	21.1	-46.05	-1,385.1	524.5	784.3	745.5	38.77	20.229	
7,150.0	6,604.0	6,807.8	6,732.7	44.0	21.3	-26.42	-1,392.0	519.0	770.6	732.6	38.01	20.272	
7,200.0	6,653.0	6,850.9	6,775.1	44.0	21.5	-16.64	-1,398.1	514.2	753.8	716.7	37.11	20.310	
7,250.0	6,701.3	6,893.0	6,816.5	43.8	21.6	-11.20	-1,403.9	509.5	734.1	698.0	36.08	20.343	
7,300.0	6,748.7	6,929.0	6,852.0	43.7	21.8	-7.76	-1,408.7	505.6	711.5	676.5	34.93	20.368	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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
7,350.0	6,794.9	6,969.6	6,892.0	43.5	21.9	-5.50	-1,413.9	501.4	686.2	652.5	33.66	20.388	
7,400.0	6,839.7	7,004.6	6,926.6	43.2	22.0	-3.82	-1,418.0	497.9	658.4	626.2	32.29	20.389	
7,450.0	6,882.9	7,038.4	6,960.1	43.0	22.1	-2.51	-1,421.7	494.7	628.3	597.4	30.86	20.359	
7,500.0	6,924.2	7,072.7	6,994.0	42.7	22.2	-1.44	-1,425.1	491.7	595.8	566.4	29.38	20.278	
7,550.0	6,963.5	7,107.2	7,028.3	42.3	22.3	-0.49	-1,428.6	488.9	560.9	533.0	27.90	20.103	
7,600.0	7,000.6	7,139.6	7,060.5	42.0	22.4	0.47	-1,431.8	486.6	523.6	497.1	26.47	19.779	
7,650.0	7,035.3	7,169.6	7,090.2	41.6	22.5	1.53	-1,434.7	484.7	484.2	459.0	25.17	19.238	
7,700.0	7,067.4	7,198.1	7,118.5	41.2	22.6	2.81	-1,437.5	483.2	442.8	418.7	24.08	18.386	
7,750.0	7,096.8	7,224.8	7,145.1	40.8	22.7	4.43	-1,440.2	481.6	399.5	376.1	23.34	17.118	
7,800.0	7,123.3	7,247.9	7,168.0	40.3	22.8	6.71	-1,442.6	480.3	354.5	331.3	23.13	15.326	
7,850.0	7,146.8	7,267.4	7,187.3	39.9	22.8	10.21	-1,444.7	479.1	308.0	284.2	23.86	12.912	
7,900.0	7,167.2	7,283.1	7,203.0	39.4	22.9	16.10	-1,446.5	478.1	260.4	234.0	26.46	9.844	
7,950.0	7,184.4	7,295.3	7,215.0	39.0	22.9	27.04	-1,447.8	477.3	211.9	178.8	33.15	6.393	
8,000.0	7,198.3	7,303.7	7,223.4	38.5	22.9	47.80	-1,448.8	476.7	162.9	116.6	46.34	3.516	
8,050.0	7,208.8	7,308.6	7,228.2	38.1	22.9	76.63	-1,449.4	476.4	113.7	56.3	57.49	1.979	
8,100.0	7,215.8	7,309.9	7,229.5	37.7	22.9	95.14	-1,449.5	476.3	65.5	7.5	58.05	1.128 Level 2	
8,150.0	7,219.5	7,307.7	7,227.3	37.3	22.9	95.95	-1,449.3	476.5	25.8	-31.8	57.58	0.448 Level 1	
8,161.1	7,219.8	7,306.7	7,226.4	37.2	22.9	93.83	-1,449.1	476.5	23.2	-34.4	57.67	0.403 Level 1, CC, ES, SF	
8,177.3	7,220.0	7,305.1	7,224.7	37.0	22.9	89.27	-1,449.0	476.7	28.3	-29.4	57.69	0.490 Level 1	
8,200.0	7,220.0	7,302.5	7,222.1	36.9	22.9	83.05	-1,448.7	476.8	45.1	-12.1	57.21	0.788 Level 1	
8,300.0	7,220.0	7,291.3	7,211.0	36.1	22.9	59.99	-1,447.4	477.6	140.0	89.1	50.84	2.753	
8,400.0	7,220.0	7,280.4	7,200.2	35.4	22.9	45.13	-1,446.2	478.3	238.5	194.8	43.71	5.457	
8,500.0	7,220.0	7,269.8	7,189.7	34.9	22.8	35.93	-1,445.0	478.9	337.6	298.8	38.81	8.699	
8,600.0	7,220.0	7,259.5	7,179.5	34.4	22.8	29.95	-1,443.9	479.6	436.8	401.0	35.79	12.204	
8,700.0	7,220.0	7,249.5	7,169.6	34.0	22.8	25.82	-1,442.8	480.2	536.1	502.1	34.01	15.763	
8,800.0	7,220.0	7,239.7	7,159.9	33.7	22.7	22.83	-1,441.8	480.8	635.5	602.5	33.00	19.255	
8,900.0	7,220.0	7,230.2	7,150.5	33.5	22.7	20.58	-1,440.8	481.3	734.9	702.4	32.49	22.621	
9,000.0	7,220.0	7,221.0	7,141.3	33.4	22.7	18.82	-1,439.8	481.9	834.3	802.0	32.29	25.835	
9,100.0	7,220.0	7,212.0	7,132.4	33.5	22.7	17.41	-1,438.9	482.4	933.7	901.4	32.32	28.891	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 11-2D - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 171-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
10,900.0	7,220.0	7,279.7	7,183.4	49.6	24.6	-43.23	2,215.0	228.3	940.3	884.1	56.11	16.756	
11,000.0	7,220.0	7,284.1	7,187.9	51.1	24.6	-46.75	2,215.1	228.0	840.4	781.5	58.92	14.264	
11,100.0	7,220.0	7,288.4	7,192.2	52.6	24.6	-50.58	2,215.3	227.7	740.7	678.7	61.92	11.962	
11,200.0	7,220.0	7,292.7	7,196.4	54.2	24.6	-54.72	2,215.4	227.4	640.9	575.8	65.08	9.848	
11,300.0	7,220.0	7,296.9	7,200.6	55.8	24.7	-59.17	2,215.6	227.2	541.2	472.9	68.35	7.919	
11,400.0	7,220.0	7,300.9	7,204.7	57.4	24.7	-63.90	2,215.7	226.9	441.6	370.0	71.64	6.165	
11,500.0	7,220.0	7,304.9	7,208.7	59.1	24.7	-68.87	2,215.8	226.6	342.3	267.4	74.85	4.572	
11,600.0	7,220.0	7,308.9	7,212.6	60.7	24.7	-74.01	2,215.9	226.4	243.3	165.4	77.89	3.124	
11,700.0	7,220.0	7,312.7	7,216.4	62.4	24.7	-79.26	2,216.1	226.1	145.7	65.1	80.64	1.807	
11,800.0	7,220.0	7,316.4	7,220.1	64.1	24.7	-84.53	2,216.2	225.9	57.0	-26.0	83.02	0.687 Level 1	
11,840.1	7,220.0	7,317.9	7,221.6	64.8	24.7	-86.63	2,216.2	225.8	40.6	-43.3	83.86	0.484 Level 1, CC, ES, SF	
11,900.0	7,220.0	7,320.1	7,223.8	65.8	24.7	-89.74	2,216.3	225.7	72.3	-12.7	84.97	0.851 Level 1	
11,934.2	7,220.0	7,321.4	7,225.1	66.4	24.7	-91.50	2,216.3	225.6	102.4	16.9	85.54	1.198 Level 2	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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
9,600.0	7,220.0	7,392.6	7,295.5	35.4	25.1	-118.83	958.0	310.3	980.6	928.8	51.82	18.924	
9,700.0	7,220.0	7,385.0	7,287.9	36.1	25.1	-116.40	958.7	311.2	881.9	828.7	53.18	16.584	
9,800.0	7,220.0	7,377.0	7,280.1	36.9	25.0	-113.73	959.5	312.1	783.4	728.8	54.61	14.344	
9,900.0	7,220.0	7,368.8	7,272.0	37.8	25.0	-110.81	960.2	313.1	685.2	629.1	56.12	12.211	
10,000.0	7,220.0	7,360.3	7,263.6	38.7	25.0	-107.60	961.1	314.1	587.6	529.9	57.66	10.190	
10,053.7	7,220.0	7,355.6	7,258.9	39.3	25.0	-105.76	961.5	314.7	535.4	476.9	58.50	9.152	
10,100.0	7,220.0	7,351.5	7,254.9	39.7	25.0	-105.54	961.9	315.2	490.5	431.9	58.64	8.365	
10,200.0	7,220.0	7,343.0	7,246.4	40.3	24.9	-104.40	962.8	316.2	393.4	334.6	58.83	6.687	
10,246.2	7,220.0	7,339.1	7,242.6	40.7	24.9	-103.44	963.2	316.6	348.6	289.6	59.00	5.910	
10,300.0	7,220.0	7,334.6	7,238.2	41.3	24.9	-100.53	963.6	317.2	296.6	236.7	59.91	4.952	
10,400.0	7,220.0	7,325.9	7,229.6	42.5	24.9	-94.71	964.5	318.2	202.4	140.7	61.65	3.283	
10,500.0	7,220.0	7,316.9	7,220.7	43.9	24.8	-88.37	965.5	319.3	117.3	54.2	63.05	1.860	
10,587.2	7,220.0	7,308.8	7,212.7	45.1	24.8	-82.49	966.3	320.3	78.8	14.9	63.90	1.233 Level 2, CC, ES, SF	
10,600.0	7,220.0	7,307.6	7,211.5	45.2	24.8	-81.62	966.5	320.4	79.8	15.9	63.99	1.248 Level 2	
10,700.0	7,220.0	7,298.0	7,202.0	46.6	24.8	-74.70	967.5	321.5	137.2	72.8	64.36	2.131	
10,800.0	7,220.0	7,288.1	7,192.2	48.1	24.7	-67.82	968.6	322.7	226.0	161.8	64.17	3.522	
10,900.0	7,220.0	7,277.9	7,182.2	49.6	24.7	-61.17	969.7	324.0	321.2	257.7	63.48	5.059	
11,000.0	7,220.0	7,267.4	7,171.9	51.1	24.7	-54.90	970.9	325.2	418.3	355.9	62.43	6.701	
11,100.0	7,220.0	7,256.7	7,161.3	52.6	24.6	-49.12	972.1	326.5	516.4	455.2	61.17	8.442	
11,200.0	7,220.0	7,245.6	7,150.3	54.2	24.6	-43.87	973.4	327.9	614.9	555.0	59.85	10.274	
11,300.0	7,220.0	7,234.2	7,139.1	55.8	24.5	-39.15	974.7	329.3	713.6	655.1	58.56	12.186	
11,400.0	7,220.0	7,222.4	7,127.5	57.4	24.5	-34.95	976.1	330.7	812.5	755.1	57.40	14.156	
11,500.0	7,220.0	7,210.3	7,115.6	59.1	24.5	-31.22	977.6	332.2	911.6	855.2	56.39	16.165	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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	
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		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	0.00	20.0	0.0	20.0	14.4	5.62	3.566		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	0.00	20.0	0.0	20.0	14.0	6.07	3.302		
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	0.00	20.0	0.0	20.0	13.5	6.52	3.074		
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	0.00	20.0	0.0	20.0	13.1	6.97	2.876		
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	0.00	20.0	0.0	20.0	12.6	7.42	2.701		
1,800.0	1,800.0	1,800.0	1,800.0	3.9	3.9	0.00	20.0	0.0	20.0	12.2	7.87	2.547 CC, ES		
1,900.0	1,900.0	1,900.0	1,900.0	4.1	4.2	-171.01	20.0	0.0	21.8	13.5	8.28	2.627		
2,000.0	1,999.8	1,999.8	1,999.8	4.3	4.4	-172.74	20.0	0.0	26.9	18.3	8.67	3.108		
2,100.0	2,099.5	2,100.7	2,100.6	4.5	4.6	-174.49	18.3	0.1	33.9	24.8	9.02	3.753		
2,200.0	2,198.7	2,201.7	2,201.6	4.7	4.8	-176.07	13.0	0.6	40.7	31.4	9.34	4.363		
2,300.0	2,297.5	2,303.1	2,302.5	4.9	4.9	-177.57	4.1	1.3	47.6	38.0	9.66	4.930		
2,400.0	2,395.6	2,404.6	2,403.3	5.1	5.1	-179.01	-8.4	2.4	54.5	44.5	9.98	5.458		
2,500.0	2,493.1	2,506.4	2,503.8	5.4	5.3	179.57	-24.5	3.7	61.3	51.0	10.30	5.950		
2,600.0	2,589.6	2,608.5	2,603.9	5.8	5.6	178.18	-44.1	5.4	68.1	57.5	10.63	6.407		
2,700.0	2,685.3	2,710.8	2,703.5	6.2	5.9	176.80	-67.4	7.4	74.9	64.0	10.97	6.829		
2,800.0	2,779.8	2,813.3	2,802.4	6.6	6.2	175.43	-94.2	9.6	81.7	70.4	11.33	7.216		
2,900.0	2,873.2	2,916.0	2,900.5	7.1	6.6	174.06	-124.7	12.2	88.5	76.8	11.70	7.566		
3,000.0	2,965.2	3,019.0	2,997.7	7.7	7.1	172.70	-158.7	15.1	95.3	83.2	12.10	7.874		
3,100.0	3,055.8	3,122.2	3,093.8	8.4	7.6	171.34	-196.2	18.2	102.0	89.5	12.54	8.137		
3,200.0	3,144.9	3,225.7	3,188.6	9.1	8.2	169.98	-237.3	21.7	108.8	95.8	13.03	8.351		
3,300.0	3,232.4	3,329.3	3,282.1	9.9	8.9	168.62	-281.8	25.4	115.5	102.0	13.57	8.511		
3,311.2	3,242.1	3,341.0	3,292.6	10.0	9.0	168.47	-287.0	25.9	116.3	102.6	13.64	8.526		
3,400.0	3,318.8	3,433.3	3,374.2	10.8	9.6	167.14	-329.8	29.5	120.9	106.6	14.34	8.431		
3,500.0	3,405.2	3,537.4	3,464.7	11.7	10.5	165.23	-381.3	33.8	123.0	107.7	15.25	8.065		
3,600.0	3,491.6	3,641.4	3,553.1	12.5	11.4	162.76	-435.9	38.4	121.8	105.4	16.33	7.458		
3,700.0	3,578.0	3,745.1	3,639.2	13.5	12.4	159.50	-493.4	43.3	117.5	99.8	17.66	6.651		
3,800.0	3,664.4	3,846.0	3,721.3	14.4	13.4	155.39	-551.9	48.2	111.0	91.7	19.34	5.740		
3,900.0	3,750.8	3,945.5	3,802.0	15.3	14.4	150.78	-609.7	53.0	104.9	83.6	21.35	4.913		
4,000.0	3,837.2	4,044.9	3,882.8	16.3	15.4	145.64	-667.5	57.9	99.6	75.8	23.75	4.193		
4,100.0	3,923.7	4,144.3	3,963.6	17.2	16.5	139.99	-725.3	62.8	95.2	68.6	26.53	3.588		
4,200.0	4,010.1	4,243.8	4,044.3	18.2	17.5	133.85	-783.1	67.7	91.8	62.1	29.63	3.097		
4,300.0	4,096.5	4,343.2	4,125.1	19.1	18.6	127.32	-840.9	72.5	89.5	56.5	32.96	2.715		
4,400.0	4,182.9	4,442.6	4,205.8	20.1	19.7	120.55	-898.8	77.4	88.4	52.1	36.37	2.432		
4,432.7	4,211.1	4,475.2	4,232.2	20.4	20.0	118.32	-917.7	79.0	88.4	50.9	37.47	2.359		
4,500.0	4,269.3	4,542.1	4,286.6	21.0	20.8	113.72	-956.6	82.3	88.7	49.0	39.68	2.234		
4,600.0	4,355.7	4,641.5	4,367.3	22.0	21.9	107.02	-1,014.4	87.1	90.1	47.4	42.77	2.108		
4,700.0	4,442.1	4,740.9	4,448.1	23.0	23.0	100.62	-1,072.2	92.0	92.8	47.3	45.53	2.038		
4,800.0	4,528.5	4,840.4	4,528.8	24.0	24.1	94.64	-1,130.0	96.9	96.6	48.7	47.93	2.015		
4,900.0	4,614.9	4,939.8	4,609.6	24.9	25.2	89.16	-1,187.8	101.7	101.3	51.4	49.99	2.027		

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 11-2NHZ - 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						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	4,701.3	5,039.3	4,690.4	25.9	26.3	84.20	-1,245.6	106.6	106.9	55.2	51.73	2.067		
5,100.0	4,787.7	5,138.7	4,771.1	26.9	27.4	79.77	-1,303.4	111.5	113.3	60.0	53.24	2.127		
5,200.0	4,874.1	5,238.1	4,851.9	27.9	28.5	75.82	-1,361.2	116.4	120.2	65.6	54.55	2.203		
5,300.0	4,960.5	5,337.6	4,932.6	28.9	29.6	72.31	-1,419.1	121.2	127.6	71.9	55.73	2.290		
5,400.0	5,046.9	5,437.0	5,013.4	29.8	30.7	69.20	-1,476.9	126.1	135.5	78.7	56.80	2.385		
5,500.0	5,133.3	5,536.4	5,094.1	30.8	31.8	66.44	-1,534.7	131.0	143.7	85.9	57.82	2.485		
5,600.0	5,219.7	5,635.9	5,174.9	31.8	32.9	63.97	-1,592.5	135.8	152.2	93.4	58.79	2.589		
5,700.0	5,306.1	5,735.3	5,255.6	32.8	34.0	61.77	-1,650.3	140.7	160.9	101.2	59.74	2.694		
5,800.0	5,392.5	5,834.7	5,336.4	33.8	35.2	59.80	-1,708.1	145.6	169.9	109.2	60.67	2.800		
5,900.0	5,479.0	5,934.2	5,417.2	34.8	36.3	58.03	-1,765.9	150.4	179.1	117.5	61.60	2.907		
6,000.0	5,565.4	6,033.6	5,497.9	35.8	37.4	56.43	-1,823.7	155.3	188.4	125.8	62.54	3.012		
6,100.0	5,651.8	6,133.0	5,578.7	36.7	38.5	54.99	-1,881.5	160.2	197.8	134.3	63.48	3.116		
6,200.0	5,738.2	6,232.5	5,659.4	37.7	39.6	53.67	-1,939.4	165.1	207.3	142.9	64.42	3.218		
6,300.0	5,824.6	6,331.9	5,740.2	38.7	40.8	52.47	-1,997.2	169.9	217.0	151.6	65.38	3.319		
6,400.0	5,911.0	6,450.8	5,839.4	39.7	41.8	51.99	-2,062.3	175.9	224.0	157.2	66.76	3.355		
6,500.0	5,997.4	6,579.1	5,956.5	40.7	42.6	55.21	-2,113.9	182.8	218.6	148.3	70.38	3.107		
6,600.0	6,083.8	6,699.1	6,072.7	41.7	43.1	62.79	-2,142.5	189.5	202.6	126.3	76.24	2.657		
6,680.2	6,153.1	6,785.8	6,158.7	42.5	43.2	72.27	-2,150.9	194.5	185.9	104.2	81.66	2.276		
6,700.0	6,170.3	6,805.8	6,178.7	42.7	43.3	75.27	-2,151.3	195.6	181.9	99.2	82.73	2.199		
6,750.0	6,215.0	6,855.1	6,228.0	43.0	43.3	83.50	-2,150.0	198.4	173.8	88.9	84.88	2.048		
6,800.0	6,261.1	6,902.8	6,275.4	43.3	43.2	92.77	-2,145.6	201.1	168.6	82.5	86.17	1.957		
6,850.0	6,308.3	6,949.0	6,320.9	43.5	43.2	103.33	-2,138.2	203.6	166.6	80.2	86.43	1.928 SF		
6,856.3	6,314.4	6,954.8	6,326.6	43.5	43.2	104.79	-2,137.1	204.0	166.6	80.2	86.38	1.929		
6,900.0	6,356.6	6,993.9	6,364.6	43.7	43.1	115.87	-2,128.3	206.1	167.8	82.2	85.63	1.960		
6,950.0	6,405.6	7,037.6	6,406.4	43.9	42.9	132.26	-2,116.1	208.4	172.0	88.1	83.88	2.050		
7,000.0	6,455.0	7,080.2	6,446.4	44.0	42.8	157.48	-2,101.7	210.6	178.7	97.4	81.38	2.196		
7,050.0	6,504.8	7,121.8	6,484.6	44.0	42.6	-161.30	-2,085.3	212.7	187.7	109.3	78.37	2.395		
7,100.0	6,554.5	7,162.5	6,521.1	44.1	42.4	-119.31	-2,067.2	214.7	198.3	123.2	75.08	2.641		
7,150.0	6,604.0	7,200.0	6,553.6	44.0	42.2	-94.71	-2,048.7	216.5	210.1	138.2	71.88	2.923		
7,200.0	6,653.0	7,241.8	6,588.7	44.0	41.9	-80.15	-2,026.1	218.4	222.7	154.3	68.36	3.258		
7,250.0	6,701.3	7,280.5	6,620.0	43.8	41.6	-70.73	-2,003.4	220.0	235.8	170.7	65.13	3.621		
7,300.0	6,748.7	7,318.5	6,649.5	43.7	41.3	-63.90	-1,979.5	221.6	249.1	187.0	62.06	4.014		
7,350.0	6,794.9	7,356.1	6,677.4	43.5	41.1	-58.64	-1,954.3	223.1	262.4	203.2	59.18	4.433		
7,400.0	6,839.7	7,393.2	6,703.6	43.2	40.8	-54.42	-1,928.1	224.4	275.5	219.0	56.50	4.876		
7,450.0	6,882.9	7,429.9	6,728.1	43.0	40.5	-50.96	-1,900.8	225.7	288.2	234.2	54.02	5.335		
7,500.0	6,924.2	7,466.3	6,751.0	42.7	40.1	-48.08	-1,872.6	226.9	300.5	248.7	51.76	5.805		
7,550.0	6,963.5	7,500.0	6,770.9	42.3	39.9	-45.71	-1,845.4	227.9	312.2	262.4	49.80	6.269		
7,600.0	7,000.6	7,538.0	6,791.8	42.0	39.5	-43.59	-1,813.7	228.9	323.2	275.3	47.92	6.745		
7,650.0	7,035.3	7,573.4	6,809.8	41.6	39.2	-41.83	-1,783.2	229.8	333.5	287.2	46.37	7.194		
7,700.0	7,067.4	7,608.6	6,826.1	41.2	38.9	-40.34	-1,752.0	230.6	343.1	298.0	45.08	7.611		
7,750.0	7,096.8	7,650.0	6,843.3	40.8	38.5	-38.97	-1,714.4	231.4	351.9	308.0	43.94	8.009		
7,800.0	7,123.3	7,678.4	6,853.9	40.3	38.2	-37.98	-1,688.0	231.9	359.7	316.4	43.34	8.299		
7,850.0	7,146.8	7,713.1	6,865.3	39.9	37.9	-37.08	-1,655.3	232.4	366.7	323.8	42.90	8.547		
7,900.0	7,167.2	7,750.0	6,875.8	39.4	37.5	-36.30	-1,619.9	232.8	372.7	330.0	42.71	8.725		
7,950.0	7,184.4	7,782.0	6,883.3	39.0	37.2	-35.72	-1,588.8	233.1	377.8	334.9	42.86	8.815		
8,000.0	7,198.3	7,816.4	6,889.9	38.5	36.9	-35.24	-1,555.1	233.3	381.8	338.6	43.22	8.835		
8,050.0	7,208.8	7,850.0	6,894.7	38.1	36.6	-34.89	-1,521.8	233.4	385.0	341.2	43.80	8.788		
8,100.0	7,215.8	7,884.8	6,898.1	37.7	36.3	-34.65	-1,487.1	233.4	387.1	342.5	44.58	8.683		
8,150.0	7,219.5	7,919.0	6,899.8	37.3	36.0	-34.53	-1,453.0	233.4	388.2	342.7	45.51	8.529		
8,177.3	7,220.0	7,938.0	6,900.0	37.0	35.9	-34.51	-1,434.0	233.3	388.3	342.3	46.07	8.429		
8,200.0	7,220.0	7,960.6	6,900.0	36.9	35.7	-34.51	-1,411.4	233.2	388.3	342.3	46.00	8.443		
8,300.0	7,220.0	8,060.6	6,900.0	36.1	34.9	-34.51	-1,311.4	232.7	388.3	342.6	45.73	8.491		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)												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
8,400.0	7,220.0	8,160.6	6,900.0	35.4	34.2	-34.51	-1,211.4	232.2	388.3	342.7	45.60	8.515	
8,500.0	7,220.0	8,260.6	6,900.0	34.9	33.6	-34.51	-1,111.4	231.8	388.3	342.7	45.61	8.515	
8,600.0	7,220.0	8,360.6	6,900.0	34.4	33.1	-34.51	-1,011.4	231.3	388.3	342.6	45.75	8.488	
8,700.0	7,220.0	8,460.6	6,900.0	34.0	32.7	-34.51	-911.4	230.8	388.3	342.3	46.02	8.438	
8,800.0	7,220.0	8,560.6	6,900.0	33.7	32.4	-34.51	-811.4	230.4	388.3	341.9	46.43	8.364	
8,900.0	7,220.0	8,660.6	6,900.0	33.5	32.3	-34.51	-711.4	229.9	388.3	341.4	46.96	8.269	
9,000.0	7,220.0	8,760.6	6,900.0	33.4	32.2	-34.51	-611.4	229.4	388.3	340.7	47.62	8.154	
9,100.0	7,220.0	8,860.6	6,900.0	33.5	32.3	-34.51	-511.4	228.9	388.3	339.9	48.40	8.023	
9,200.0	7,220.0	8,960.6	6,900.0	33.6	32.5	-34.51	-411.4	228.5	388.3	339.0	49.29	7.878	
9,300.0	7,220.0	9,060.6	6,900.0	33.9	32.7	-34.51	-311.4	228.0	388.3	338.0	50.29	7.721	
9,400.0	7,220.0	9,160.6	6,900.0	34.3	33.1	-34.51	-211.4	227.5	388.3	336.9	51.39	7.556	
9,500.0	7,220.0	9,260.6	6,900.0	34.8	33.6	-34.51	-111.4	227.1	388.3	335.7	52.59	7.384	
9,600.0	7,220.0	9,360.6	6,900.0	35.4	34.3	-34.51	-11.4	226.6	388.3	334.5	53.87	7.208	
9,700.0	7,220.0	9,460.6	6,900.0	36.1	35.0	-34.51	88.6	226.1	388.3	333.1	55.24	7.030	
9,800.0	7,220.0	9,560.6	6,900.0	36.9	35.8	-34.51	188.6	225.6	388.3	331.7	56.68	6.851	
9,900.0	7,220.0	9,660.6	6,900.0	37.8	36.6	-34.51	288.6	225.2	388.3	330.1	58.20	6.673	
10,000.0	7,220.0	9,760.6	6,900.0	38.7	37.6	-34.51	388.6	224.7	388.3	328.6	59.77	6.497	
10,040.3	7,220.0	9,800.9	6,900.0	39.1	38.0	-34.51	428.9	224.5	388.3	327.9	60.42	6.427	
10,053.7	7,220.0	9,812.9	6,900.0	39.3	38.1	-34.51	440.8	224.5	388.3	327.7	60.63	6.405	
10,100.0	7,220.0	9,855.7	6,900.0	39.7	38.5	-34.51	483.7	223.8	388.3	326.8	61.52	6.312	
10,200.0	7,220.0	9,945.4	6,900.0	40.3	39.2	-34.45	573.2	219.2	388.1	324.8	63.25	6.136	
10,246.2	7,220.0	9,986.8	6,900.0	40.7	39.5	-34.40	614.5	215.7	387.8	323.8	64.02	6.059	
10,268.0	7,220.0	10,006.4	6,900.0	40.9	39.6	-34.39	634.0	213.7	387.8	323.5	64.32	6.029	
10,300.0	7,220.0	10,038.4	6,900.0	41.3	39.9	-34.39	665.8	210.4	387.8	323.0	64.84	5.981	
10,400.0	7,220.0	10,138.4	6,900.0	42.5	41.0	-34.40	765.2	199.8	387.8	321.2	66.61	5.822	
10,500.0	7,220.0	10,238.4	6,900.0	43.9	42.4	-34.40	864.7	189.2	387.8	319.4	68.48	5.664	
10,600.0	7,220.0	10,338.4	6,900.0	45.2	43.7	-34.41	964.1	178.7	387.9	317.5	70.39	5.510	
10,700.0	7,220.0	10,438.4	6,900.0	46.6	45.2	-34.41	1,063.6	168.1	387.9	315.5	72.34	5.362	
10,800.0	7,220.0	10,538.4	6,900.0	48.1	46.6	-34.42	1,163.0	157.5	387.9	313.6	74.32	5.219	
10,900.0	7,220.0	10,638.4	6,900.0	49.6	48.1	-34.42	1,262.4	147.0	387.9	311.6	76.34	5.082	
11,000.0	7,220.0	10,738.4	6,900.0	51.1	49.6	-34.43	1,361.9	136.4	388.0	309.6	78.39	4.949	
11,100.0	7,220.0	10,838.4	6,900.0	52.6	51.2	-34.43	1,461.3	125.8	388.0	307.5	80.46	4.822	
11,200.0	7,220.0	10,938.4	6,900.0	54.2	52.7	-34.44	1,560.8	115.3	388.0	305.4	82.57	4.699	
11,300.0	7,220.0	11,038.4	6,900.0	55.8	54.3	-34.44	1,660.2	104.7	388.0	303.3	84.69	4.582	
11,400.0	7,220.0	11,138.4	6,900.0	57.4	56.0	-34.45	1,759.6	94.1	388.0	301.2	86.84	4.469	
11,500.0	7,220.0	11,238.4	6,900.0	59.1	57.6	-34.45	1,859.1	83.6	388.1	299.1	89.01	4.360	
11,600.0	7,220.0	11,338.4	6,900.0	60.7	59.3	-34.46	1,958.5	73.0	388.1	296.9	91.19	4.256	
11,700.0	7,220.0	11,438.4	6,900.0	62.4	61.0	-34.46	2,058.0	62.4	388.1	294.7	93.40	4.155	
11,800.0	7,220.0	11,538.4	6,900.0	64.1	62.7	-34.47	2,157.4	51.9	388.1	292.5	95.62	4.059	
11,900.0	7,220.0	11,638.4	6,900.0	65.8	64.4	-34.47	2,256.8	41.3	388.2	290.3	97.86	3.967	
11,934.2	7,220.0	11,672.6	6,900.0	66.4	65.0	-34.47	2,290.9	37.7	388.2	289.5	98.63	3.936	

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						Warning
Measured Depth 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	-39.7	0.0	39.7				
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-39.7	0.0	39.7	39.5	0.22	176.653	
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-39.7	0.0	39.7	39.0	0.67	58.884	
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-39.7	0.0	39.7	38.6	1.12	35.331	
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-39.7	0.0	39.7	38.1	1.57	25.236	
500.0	500.0	500.0	500.0	1.0	1.0	-180.00	-39.7	0.0	39.7	37.7	2.02	19.628	
600.0	600.0	600.0	600.0	1.2	1.2	-180.00	-39.7	0.0	39.7	37.2	2.47	16.059	
700.0	700.0	700.0	700.0	1.5	1.5	-180.00	-39.7	0.0	39.7	36.8	2.92	13.589	
800.0	800.0	800.0	800.0	1.7	1.7	-180.00	-39.7	0.0	39.7	36.3	3.37	11.777	
900.0	900.0	900.0	900.0	1.9	1.9	-180.00	-39.7	0.0	39.7	35.9	3.82	10.391	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-180.00	-39.7	0.0	39.7	35.4	4.27	9.298	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-180.00	-39.7	0.0	39.7	35.0	4.72	8.412	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-180.00	-39.7	0.0	39.7	34.5	5.17	7.681	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-180.00	-39.7	0.0	39.7	34.1	5.62	7.066	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-180.00	-39.7	0.0	39.7	33.6	6.07	6.543 CC, ES	
1,500.0	1,500.0	1,498.7	1,498.7	3.3	3.2	179.21	-41.3	0.6	41.3	34.8	6.49	6.370	
1,600.0	1,600.0	1,597.1	1,597.0	3.5	3.4	177.19	-46.1	2.3	46.3	39.4	6.89	6.715	
1,700.0	1,700.0	1,695.1	1,694.6	3.7	3.6	174.64	-54.0	5.1	54.5	47.2	7.29	7.476	
1,800.0	1,800.0	1,792.4	1,791.1	3.9	3.8	172.16	-65.0	8.9	66.2	58.5	7.71	8.591	
1,900.0	1,900.0	1,889.0	1,886.6	4.1	4.0	-0.21	-79.0	13.9	79.5	71.5	8.08	9.840	
2,000.0	1,999.8	1,985.2	1,981.2	4.3	4.3	-2.07	-95.9	19.9	92.8	84.4	8.44	11.002	
2,100.0	2,099.5	2,081.0	2,074.6	4.5	4.6	-3.75	-115.7	26.9	106.0	97.2	8.79	12.057	
2,200.0	2,198.7	2,176.4	2,166.9	4.7	4.9	-5.30	-138.3	34.9	119.1	110.0	9.15	13.017	
2,300.0	2,297.5	2,271.3	2,257.9	4.9	5.3	-6.78	-163.7	43.9	132.2	122.7	9.52	13.888	
2,400.0	2,395.6	2,365.8	2,347.6	5.1	5.7	-8.18	-191.7	53.8	145.2	135.3	9.89	14.679	
2,500.0	2,493.1	2,459.9	2,435.9	5.4	6.3	-9.54	-222.4	64.7	158.1	147.8	10.28	15.383	
2,600.0	2,589.6	2,553.6	2,522.7	5.8	6.8	-10.86	-255.7	76.4	171.0	160.3	10.68	16.006	
2,700.0	2,685.3	2,646.9	2,607.9	6.2	7.5	-12.15	-291.5	89.1	183.7	172.6	11.10	16.546	
2,800.0	2,779.8	2,739.8	2,691.5	6.6	8.2	-13.41	-329.7	102.6	196.5	184.9	11.56	16.999	
2,900.0	2,873.2	2,835.5	2,776.3	7.1	8.9	-14.71	-371.4	117.4	208.8	196.7	12.06	17.317	
3,000.0	2,965.2	2,934.9	2,864.2	7.7	9.8	-16.14	-415.1	132.8	218.4	205.8	12.62	17.307	
3,100.0	3,055.8	3,034.5	2,952.3	8.4	10.6	-17.72	-458.9	148.3	224.8	211.5	13.24	16.972	
3,200.0	3,144.9	3,134.1	3,040.5	9.1	11.5	-19.52	-502.7	163.8	228.1	214.1	13.96	16.337	
3,300.0	3,232.4	3,233.8	3,128.7	9.9	12.4	-21.60	-546.5	179.3	228.3	213.5	14.79	15.432	
3,311.2	3,242.1	3,245.0	3,138.6	10.0	12.5	-21.85	-551.4	181.1	228.2	213.3	14.90	15.315	
3,400.0	3,318.8	3,333.4	3,216.8	10.8	13.2	-23.89	-590.3	194.8	226.9	211.1	15.86	14.305	
3,500.0	3,405.2	3,432.9	3,304.8	11.7	14.1	-26.20	-634.1	210.3	225.9	208.8	17.06	13.238	
3,600.0	3,491.6	3,532.5	3,392.9	12.5	15.0	-28.52	-677.9	225.8	225.2	206.9	18.39	12.251	
3,700.0	3,578.0	3,632.1	3,481.0	13.5	15.9	-30.86	-721.6	241.3	225.0	205.1	19.83	11.345	
3,724.3	3,599.0	3,656.2	3,502.4	13.7	16.2	-31.43	-732.3	245.1	225.0	204.8	20.20	11.137	
3,800.0	3,664.4	3,731.7	3,569.1	14.4	16.9	-33.20	-765.4	256.8	225.1	203.7	21.39	10.521	
3,900.0	3,750.8	3,831.2	3,657.2	15.3	17.8	-35.54	-809.2	272.3	225.5	202.5	23.07	9.777	
4,000.0	3,837.2	3,930.8	3,745.2	16.3	18.7	-37.86	-853.0	287.8	226.4	201.5	24.85	9.109	
4,100.0	3,923.7	4,030.4	3,833.3	17.2	19.6	-40.16	-896.7	303.3	227.6	200.9	26.73	8.514	
4,200.0	4,010.1	4,129.9	3,921.4	18.2	20.5	-42.43	-940.5	318.7	229.2	200.5	28.71	7.984	
4,300.0	4,096.5	4,229.5	4,009.5	19.1	21.4	-44.66	-984.3	334.2	231.1	200.4	30.76	7.516	
4,400.0	4,182.9	4,329.1	4,097.6	20.1	22.4	-46.86	-1,028.1	349.7	233.4	200.6	32.87	7.101	
4,500.0	4,269.3	4,428.7	4,185.7	21.0	23.3	-49.01	-1,071.9	365.2	236.1	201.0	35.05	6.736	
4,600.0	4,355.7	4,528.2	4,273.7	22.0	24.2	-51.11	-1,115.6	380.7	239.0	201.8	37.27	6.413	
4,700.0	4,442.1	4,627.8	4,361.8	23.0	25.1	-53.16	-1,159.4	396.2	242.3	202.8	39.53	6.129	
4,800.0	4,528.5	4,727.4	4,449.9	24.0	26.1	-55.15	-1,203.2	411.7	245.9	204.1	41.82	5.879	
4,900.0	4,614.9	4,827.0	4,538.0	24.9	27.0	-57.08	-1,247.0	427.2	249.8	205.6	44.13	5.659	

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Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												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	4,701.3	4,926.5	4,626.1	25.9	27.9	-58.96	-1,290.7	442.7	253.9	207.4	46.46	5.465	
5,100.0	4,787.7	5,026.1	4,714.1	26.9	28.9	-60.77	-1,334.5	458.2	258.3	209.5	48.79	5.294	
5,200.0	4,874.1	5,125.7	4,802.2	27.9	29.8	-62.51	-1,378.3	473.6	263.0	211.8	51.13	5.143	
5,300.0	4,960.5	5,225.3	4,890.3	28.9	30.7	-64.20	-1,422.1	489.1	267.9	214.4	53.46	5.010	
5,400.0	5,046.9	5,324.8	4,978.4	29.8	31.7	-65.82	-1,465.9	504.6	273.0	217.2	55.79	4.893	
5,500.0	5,133.3	5,424.4	5,066.5	30.8	32.6	-67.39	-1,509.6	520.1	278.3	220.2	58.11	4.789	
5,600.0	5,219.7	5,524.0	5,154.6	31.8	33.5	-68.89	-1,553.4	535.6	283.8	223.4	60.42	4.698	
5,700.0	5,306.1	5,623.5	5,242.6	32.8	34.5	-70.34	-1,597.2	551.1	289.6	226.9	62.71	4.617	
5,800.0	5,392.5	5,723.1	5,330.7	33.8	35.4	-71.73	-1,641.0	566.6	295.5	230.5	64.99	4.546	
5,900.0	5,479.0	5,822.7	5,418.8	34.8	36.4	-73.06	-1,684.7	582.1	301.5	234.3	67.25	4.483	
6,000.0	5,565.4	5,922.3	5,506.9	35.8	37.3	-74.34	-1,728.5	597.6	307.7	238.2	69.50	4.428	
6,100.0	5,651.8	6,021.8	5,595.0	36.7	38.2	-75.57	-1,772.3	613.1	314.1	242.4	71.73	4.379	
6,200.0	5,738.2	6,121.4	5,683.0	37.7	39.2	-76.75	-1,816.1	628.5	320.6	246.7	73.94	4.336	
6,300.0	5,824.6	6,221.0	5,771.1	38.7	40.1	-77.89	-1,859.8	644.0	327.3	251.1	76.14	4.298	
6,400.0	5,911.0	6,320.6	5,859.2	39.7	41.0	-78.97	-1,903.6	659.5	334.0	255.7	78.32	4.265	
6,500.0	5,997.4	6,420.1	5,947.3	40.7	42.0	-80.02	-1,947.4	675.0	340.9	260.4	80.48	4.236	
6,600.0	6,083.8	6,519.7	6,035.4	41.7	42.9	-81.02	-1,991.2	690.5	347.9	265.3	82.62	4.211	
6,680.2	6,153.1	6,599.6	6,106.1	42.5	43.7	-81.80	-2,026.3	702.9	353.6	269.2	84.33	4.193	
6,700.0	6,170.3	6,619.3	6,123.5	42.7	43.9	-81.51	-2,035.0	706.0	355.0	270.2	84.74	4.189	
6,750.0	6,215.0	6,669.2	6,167.6	43.0	44.3	-80.05	-2,056.9	713.8	358.4	272.8	85.58	4.187	
6,800.0	6,261.1	6,718.6	6,211.3	43.3	44.8	-77.38	-2,078.6	721.4	361.6	275.4	86.23	4.194	
6,850.0	6,308.3	6,766.5	6,254.6	43.5	45.1	-73.45	-2,097.6	729.1	364.9	278.2	86.67	4.210	
6,900.0	6,356.6	6,814.7	6,299.4	43.7	45.4	-67.52	-2,113.8	736.9	368.3	281.3	86.99	4.233	
6,950.0	6,405.6	6,863.3	6,345.3	43.9	45.6	-57.51	-2,127.0	744.9	371.8	284.6	87.22	4.263	
7,000.0	6,455.0	6,912.1	6,392.4	44.0	45.8	-38.28	-2,137.0	753.1	375.4	288.1	87.35	4.298	
7,050.0	6,504.8	6,961.2	6,440.4	44.0	46.0	-2.53	-2,143.8	761.5	379.1	291.7	87.39	4.338	
7,100.0	6,554.5	7,010.8	6,489.0	44.1	46.1	34.55	-2,147.3	769.9	382.9	295.5	87.34	4.384	
7,150.0	6,604.0	7,060.6	6,538.1	44.0	46.2	55.07	-2,147.3	778.5	386.7	299.5	87.21	4.434	
7,200.0	6,653.0	7,110.8	6,587.5	44.0	46.2	65.62	-2,143.8	787.0	390.5	303.6	86.99	4.490	
7,250.0	6,701.3	7,161.4	6,636.8	43.8	46.1	71.77	-2,136.7	795.5	394.4	307.7	86.68	4.550	
7,300.0	6,748.7	7,212.4	6,686.0	43.7	46.1	75.79	-2,126.0	804.0	398.2	311.9	86.30	4.614	
7,350.0	6,794.9	7,263.7	6,734.5	43.5	46.0	78.63	-2,111.7	812.3	402.1	316.2	85.85	4.683	
7,400.0	6,839.7	7,315.5	6,782.4	43.2	45.8	80.76	-2,093.8	820.6	405.8	320.5	85.33	4.756	
7,450.0	6,882.9	7,367.6	6,829.1	43.0	45.6	82.43	-2,072.2	828.6	409.5	324.7	84.74	4.832	
7,500.0	6,924.2	7,420.1	6,874.6	42.7	45.4	83.78	-2,047.0	836.3	413.0	328.9	84.10	4.911	
7,550.0	6,963.5	7,473.0	6,918.3	42.3	45.1	84.90	-2,018.4	843.8	416.5	333.1	83.41	4.993	
7,600.0	7,000.6	7,526.3	6,960.2	42.0	44.8	85.84	-1,986.2	850.9	419.7	337.1	82.68	5.077	
7,650.0	7,035.3	7,579.9	6,999.9	41.6	44.4	86.63	-1,950.8	857.6	422.9	340.9	81.91	5.163	
7,700.0	7,067.4	7,633.9	7,037.1	41.2	44.1	87.31	-1,912.2	863.8	425.8	344.6	81.11	5.249	
7,750.0	7,096.8	7,688.2	7,071.5	40.8	43.7	87.89	-1,870.6	869.6	428.4	348.1	80.30	5.336	
7,800.0	7,123.3	7,742.8	7,102.8	40.3	43.2	88.38	-1,826.2	874.8	430.9	351.4	79.47	5.422	
7,850.0	7,146.8	7,797.7	7,130.9	39.9	42.8	88.80	-1,779.3	879.5	433.1	354.4	78.64	5.507	
7,900.0	7,167.2	7,852.8	7,155.5	39.4	42.4	89.15	-1,730.1	883.5	435.0	357.1	77.82	5.589	
7,950.0	7,184.4	7,908.2	7,176.3	39.0	41.9	89.43	-1,679.0	886.8	436.6	359.6	77.00	5.669	
8,000.0	7,198.3	7,963.7	7,193.3	38.5	41.4	89.66	-1,626.2	889.5	437.9	361.7	76.21	5.745	
8,050.0	7,208.8	8,019.3	7,206.2	38.1	41.0	89.82	-1,572.1	891.5	438.9	363.4	75.45	5.817	
8,100.0	7,215.8	8,075.1	7,214.9	37.7	40.5	89.94	-1,517.0	892.7	439.5	364.8	74.72	5.883	
8,150.0	7,219.5	8,131.0	7,219.4	37.3	40.1	89.99	-1,461.4	893.2	439.9	365.8	74.02	5.942	
8,177.3	7,220.0	8,161.5	7,220.0	37.0	39.9	90.00	-1,430.8	893.2	439.9	366.2	73.66	5.972	
8,200.0	7,220.0	8,184.2	7,220.0	36.9	39.7	90.00	-1,408.2	893.1	439.9	366.6	73.32	6.000	
8,300.0	7,220.0	8,284.2	7,220.0	36.1	39.0	90.00	-1,308.2	892.6	439.9	368.0	71.92	6.116	
8,400.0	7,220.0	8,384.2	7,220.0	35.4	38.3	90.00	-1,208.2	892.1	439.9	369.2	70.70	6.222	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design 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							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		
8,500.0	7,220.0	8,484.2	7,220.0	34.9	37.7	90.00	-1,108.2	891.6	439.8	370.2	69.67	6.314		
8,600.0	7,220.0	8,584.2	7,220.0	34.4	37.1	90.00	-1,008.2	891.1	439.8	371.0	68.83	6.390		
8,700.0	7,220.0	8,684.2	7,220.0	34.0	36.6	90.00	-908.2	890.6	439.8	371.6	68.20	6.448		
8,800.0	7,220.0	8,784.2	7,220.0	33.7	36.3	90.00	-808.2	890.1	439.8	372.0	67.79	6.488		
8,900.0	7,220.0	8,884.2	7,220.0	33.5	36.0	90.00	-708.2	889.7	439.8	372.2	67.59	6.507		
9,000.0	7,220.0	8,984.2	7,220.0	33.4	35.8	90.00	-608.2	889.2	439.7	372.1	67.61	6.504		
9,100.0	7,220.0	9,084.2	7,220.0	33.5	35.7	90.00	-508.2	888.7	439.7	371.9	67.84	6.481		
9,200.0	7,220.0	9,184.2	7,220.0	33.6	35.7	90.00	-408.2	888.2	439.7	371.4	68.30	6.438		
9,300.0	7,220.0	9,284.2	7,220.0	33.9	35.8	90.00	-308.2	887.7	439.7	370.7	68.96	6.376		
9,400.0	7,220.0	9,384.2	7,220.0	34.3	36.1	90.00	-208.2	887.2	439.7	369.8	69.83	6.296		
9,500.0	7,220.0	9,484.2	7,220.0	34.8	36.5	90.00	-108.2	886.7	439.7	368.8	70.90	6.201		
9,600.0	7,220.0	9,584.2	7,220.0	35.4	37.0	90.00	-8.2	886.2	439.6	367.5	72.16	6.093		
9,700.0	7,220.0	9,684.2	7,220.0	36.1	37.6	90.00	91.8	885.7	439.6	366.0	73.60	5.973		
9,800.0	7,220.0	9,784.2	7,220.0	36.9	38.4	90.00	191.8	885.2	439.6	364.4	75.20	5.846		
9,900.0	7,220.0	9,884.2	7,220.0	37.8	39.2	90.00	291.8	884.8	439.6	362.6	76.97	5.711		
10,000.0	7,220.0	9,984.2	7,220.0	38.7	40.2	90.00	391.8	884.3	439.6	360.7	78.88	5.572		
10,053.7	7,220.0	10,037.9	7,220.0	39.3	40.7	90.00	445.5	884.0	439.5	359.6	79.96	5.497		
10,100.0	7,220.0	10,097.1	7,220.0	39.7	41.2	90.00	504.7	882.9	439.5	358.6	80.83	5.437		
10,200.0	7,220.0	10,226.9	7,220.0	40.3	42.3	90.00	634.2	874.0	438.1	355.9	82.27	5.326		
10,243.7	7,220.0	10,271.4	7,220.0	40.7	42.7	90.00	678.4	869.4	437.6	354.8	82.88	5.280		
10,246.2	7,220.0	10,273.9	7,220.0	40.7	42.8	90.00	680.9	869.1	437.6	354.7	82.91	5.278		
10,300.0	7,220.0	10,327.7	7,220.0	41.3	43.4	90.00	734.5	863.5	437.7	353.7	84.06	5.207		
10,400.0	7,220.0	10,427.7	7,220.0	42.5	44.7	90.00	833.9	853.1	437.8	351.3	86.56	5.058		
10,500.0	7,220.0	10,527.7	7,220.0	43.9	46.0	90.00	933.4	842.7	438.0	348.8	89.17	4.912		
10,600.0	7,220.0	10,627.7	7,220.0	45.2	47.4	90.00	1,032.8	832.3	438.1	346.2	91.87	4.769		
10,700.0	7,220.0	10,727.7	7,220.0	46.6	48.9	90.00	1,132.3	821.9	438.2	343.6	94.66	4.630		
10,800.0	7,220.0	10,827.7	7,220.0	48.1	50.3	90.00	1,231.8	811.6	438.4	340.8	97.52	4.495		
10,900.0	7,220.0	10,927.7	7,220.0	49.6	51.8	90.00	1,331.2	801.2	438.5	338.0	100.46	4.365		
11,000.0	7,220.0	11,027.7	7,220.0	51.1	53.4	90.00	1,430.7	790.8	438.6	335.2	103.47	4.239		
11,100.0	7,220.0	11,127.7	7,220.0	52.6	54.9	90.00	1,530.1	780.4	438.8	332.2	106.53	4.118		
11,200.0	7,220.0	11,227.7	7,220.0	54.2	56.5	90.00	1,629.6	770.0	438.9	329.2	109.66	4.002		
11,300.0	7,220.0	11,327.7	7,220.0	55.8	58.1	90.00	1,729.0	759.6	439.0	326.2	112.83	3.891		
11,400.0	7,220.0	11,427.7	7,220.0	57.4	59.7	90.00	1,828.5	749.2	439.1	323.1	116.05	3.784		
11,500.0	7,220.0	11,527.7	7,220.0	59.1	61.3	90.00	1,928.0	738.8	439.3	320.0	119.31	3.682		
11,600.0	7,220.0	11,627.7	7,220.0	60.7	63.0	90.00	2,027.4	728.4	439.4	316.8	122.61	3.584		
11,700.0	7,220.0	11,727.7	7,220.0	62.4	64.7	90.00	2,126.9	718.0	439.5	313.6	125.95	3.490		
11,800.0	7,220.0	11,827.7	7,220.0	64.1	66.3	90.00	2,226.3	707.6	439.7	310.3	129.33	3.400		
11,853.3	7,220.0	11,881.0	7,220.0	65.0	67.2	90.00	2,279.3	702.0	439.7	308.6	131.14	3.353		
11,900.0	7,220.0	11,914.9	7,220.0	65.8	67.8	90.00	2,313.0	698.5	440.0	307.5	132.51	3.320 SF		
11,934.2	7,220.0	11,914.9	7,220.0	66.4	67.8	90.00	2,313.0	698.5	442.4	309.3	133.10	3.324		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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						
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
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-19.7	0.0	19.7	19.7	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-19.7	0.0	19.7	19.4	0.22	87.525	
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-19.7	0.0	19.7	19.0	0.67	29.175	
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-19.7	0.0	19.7	18.5	1.12	17.505	
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-19.7	0.0	19.7	18.1	1.57	12.504	
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-19.7	0.0	19.7	17.6	2.02	9.725	
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-19.7	0.0	19.7	17.2	2.47	7.957	
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-19.7	0.0	19.7	16.8	2.92	6.733	
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-19.7	0.0	19.7	16.3	3.37	5.835	
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-19.7	0.0	19.7	15.9	3.82	5.149	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-19.7	0.0	19.7	15.4	4.27	4.607	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-19.7	0.0	19.7	15.0	4.72	4.168	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-19.7	0.0	19.7	14.5	5.17	3.805	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-19.7	0.0	19.7	14.1	5.62	3.501	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-19.7	0.0	19.7	13.6	6.07	3.242	
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	180.00	-19.7	0.0	19.7	13.2	6.52	3.018	
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	180.00	-19.7	0.0	19.7	12.7	6.97	2.823 CC, ES	
1,700.0	1,700.0	1,699.3	1,699.3	3.7	3.7	178.86	-21.3	0.4	21.4	14.0	7.39	2.891	
1,800.0	1,800.0	1,798.4	1,798.2	3.9	3.9	176.31	-26.3	1.7	26.4	18.7	7.79	3.396	
1,900.0	1,900.0	1,897.1	1,896.6	4.1	4.0	3.65	-34.6	3.8	33.2	25.1	8.16	4.075	
2,000.0	1,999.8	1,995.6	1,994.4	4.3	4.2	1.68	-46.1	6.7	40.0	31.5	8.50	4.707	
2,100.0	2,099.5	2,093.9	2,091.5	4.5	4.4	-0.05	-60.8	10.5	46.7	37.9	8.84	5.286	
2,200.0	2,198.7	2,192.0	2,187.8	4.7	4.7	-1.63	-78.7	15.1	53.4	44.2	9.18	5.817	
2,300.0	2,297.5	2,289.8	2,283.1	4.9	5.0	-3.10	-99.7	20.5	60.1	50.5	9.53	6.303	
2,400.0	2,395.6	2,387.4	2,377.5	5.1	5.3	-4.50	-123.9	26.6	66.7	56.8	9.88	6.748	
2,500.0	2,493.1	2,484.8	2,470.8	5.4	5.7	-5.85	-151.0	33.5	73.3	63.0	10.25	7.152	
2,600.0	2,589.6	2,582.0	2,562.8	5.8	6.2	-7.16	-181.1	41.2	79.8	69.2	10.62	7.519	
2,700.0	2,685.3	2,678.9	2,653.6	6.2	6.7	-8.43	-214.2	49.7	86.3	75.3	11.01	7.841	
2,800.0	2,779.8	2,775.7	2,743.0	6.6	7.3	-9.69	-250.1	58.9	92.8	81.4	11.43	8.122	
2,900.0	2,873.2	2,872.2	2,830.8	7.1	7.9	-10.92	-288.9	68.8	99.3	87.4	11.87	8.360	
3,000.0	2,965.2	2,968.6	2,917.1	7.7	8.6	-12.14	-330.4	79.4	105.7	93.3	12.36	8.550	
3,100.0	3,055.8	3,064.7	3,001.7	8.4	9.4	-13.35	-374.6	90.7	112.0	99.1	12.89	8.691	
3,200.0	3,144.9	3,160.7	3,084.6	9.1	10.2	-14.54	-421.5	102.6	118.4	104.9	13.48	8.782	
3,300.0	3,232.4	3,260.1	3,169.5	9.9	11.1	-15.90	-471.7	115.5	123.4	109.2	14.16	8.714	
3,311.2	3,242.1	3,271.3	3,179.1	10.0	11.3	-16.07	-477.4	116.9	123.7	109.5	14.24	8.689	
3,400.0	3,318.8	3,360.0	3,254.7	10.8	12.1	-17.46	-522.1	128.3	126.5	111.4	15.05	8.401	
3,500.0	3,405.2	3,459.9	3,340.0	11.7	13.0	-18.95	-572.6	141.2	129.6	113.6	16.03	8.084	
3,600.0	3,491.6	3,559.8	3,425.2	12.5	14.0	-20.37	-623.0	154.1	132.8	115.7	17.08	7.778	
3,700.0	3,578.0	3,659.7	3,510.5	13.5	15.0	-21.72	-673.5	167.0	136.1	117.9	18.19	7.485	
3,800.0	3,664.4	3,759.6	3,595.7	14.4	16.0	-23.01	-724.0	179.9	139.5	120.1	19.36	7.207	
3,900.0	3,750.8	3,859.5	3,681.0	15.3	17.0	-24.23	-774.4	192.8	143.0	122.4	20.58	6.945	
4,000.0	3,837.2	3,959.4	3,766.2	16.3	18.0	-25.40	-824.9	205.7	146.5	124.6	21.86	6.699	
4,100.0	3,923.7	4,059.3	3,851.5	17.2	19.0	-26.51	-875.3	218.5	150.0	126.8	23.19	6.469	
4,200.0	4,010.1	4,159.2	3,936.7	18.2	20.0	-27.57	-925.8	231.4	153.6	129.1	24.56	6.256	
4,300.0	4,096.5	4,259.1	4,022.0	19.1	21.0	-28.58	-976.2	244.3	157.3	131.3	25.97	6.057	
4,400.0	4,182.9	4,359.0	4,107.2	20.1	22.0	-29.55	-1,026.7	257.2	161.0	133.6	27.42	5.873	
4,500.0	4,269.3	4,458.9	4,192.5	21.0	23.0	-30.47	-1,077.1	270.1	164.8	135.9	28.90	5.702	
4,600.0	4,355.7	4,558.7	4,277.7	22.0	24.1	-31.35	-1,127.6	283.0	168.6	138.2	30.41	5.544	
4,700.0	4,442.1	4,658.6	4,362.9	23.0	25.1	-32.19	-1,178.1	295.9	172.4	140.5	31.95	5.397	
4,800.0	4,528.5	4,758.5	4,448.2	24.0	26.1	-32.99	-1,228.5	308.8	176.3	142.8	33.51	5.260	
4,900.0	4,614.9	4,858.4	4,533.4	24.9	27.1	-33.76	-1,279.0	321.6	180.2	145.1	35.10	5.133	
5,000.0	4,701.3	4,958.3	4,618.7	25.9	28.2	-34.50	-1,329.4	334.5	184.1	147.4	36.71	5.016	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
5,100.0	4,787.7	5,058.2	4,703.9	26.9	29.2	-35.21	-1,379.9	347.4	188.1	149.7	38.34	4.906	
5,200.0	4,874.1	5,158.1	4,789.2	27.9	30.2	-35.88	-1,430.3	360.3	192.1	152.1	39.98	4.804	
5,300.0	4,960.5	5,258.0	4,874.4	28.9	31.2	-36.53	-1,480.8	373.2	196.1	154.5	41.65	4.709	
5,400.0	5,046.9	5,357.9	4,959.7	29.8	32.3	-37.15	-1,531.3	386.1	200.1	156.8	43.32	4.620	
5,500.0	5,133.3	5,457.8	5,044.9	30.8	33.3	-37.75	-1,581.7	399.0	204.2	159.2	45.01	4.537	
5,600.0	5,219.7	5,557.7	5,130.2	31.8	34.3	-38.33	-1,632.2	411.9	208.3	161.6	46.71	4.459	
5,700.0	5,306.1	5,657.6	5,215.4	32.8	35.4	-38.88	-1,682.6	424.7	212.4	164.0	48.43	4.386	
5,800.0	5,392.5	5,757.5	5,300.7	33.8	36.4	-39.41	-1,733.1	437.6	216.5	166.4	50.15	4.317	
5,900.0	5,479.0	5,857.4	5,385.9	34.8	37.4	-39.92	-1,783.5	450.5	220.7	168.8	51.89	4.253	
6,000.0	5,565.4	5,957.3	5,471.2	35.8	38.5	-40.41	-1,834.0	463.4	224.8	171.2	53.63	4.192	
6,100.0	5,651.8	6,057.2	5,556.4	36.7	39.5	-40.89	-1,884.4	476.3	229.0	173.6	55.38	4.135	
6,200.0	5,738.2	6,157.1	5,641.7	37.7	40.6	-41.35	-1,934.9	489.2	233.2	176.1	57.14	4.081	
6,300.0	5,824.6	6,257.0	5,726.9	38.7	41.6	-41.79	-1,985.4	502.1	237.4	178.5	58.90	4.031	
6,400.0	5,911.0	6,356.9	5,812.2	39.7	42.6	-42.22	-2,035.8	515.0	241.6	180.9	60.67	3.982	
6,500.0	5,997.4	6,474.6	5,915.4	40.7	43.5	-43.86	-2,089.9	530.5	243.1	179.8	63.33	3.838	
6,600.0	6,083.8	6,593.4	6,027.0	41.7	44.2	-49.42	-2,126.9	547.3	236.3	167.6	68.71	3.439	
6,680.2	6,153.1	6,681.4	6,112.6	42.5	44.4	-56.56	-2,142.0	560.0	227.5	152.9	74.55	3.052	
6,700.0	6,170.3	6,701.9	6,132.9	42.7	44.5	-57.89	-2,144.0	563.0	225.4	149.5	75.92	2.969	
6,750.0	6,215.0	6,752.7	6,183.1	43.0	44.6	-61.03	-2,146.3	570.5	221.3	142.1	79.13	2.796	
6,800.0	6,261.1	6,802.0	6,231.8	43.3	44.6	-63.62	-2,145.2	577.7	219.0	137.0	81.96	2.672	
6,834.8	6,293.8	6,835.5	6,264.7	43.4	44.6	-64.84	-2,142.5	582.6	218.5	134.9	83.65	2.613	
6,850.0	6,308.3	6,849.9	6,279.0	43.5	44.6	-65.14	-2,140.8	584.7	218.6	134.3	84.32	2.593	
6,900.0	6,356.6	6,896.6	6,324.5	43.7	44.6	-64.62	-2,133.6	591.4	220.1	134.0	86.11	2.557 SF	
6,950.0	6,405.6	6,942.0	6,368.4	43.9	44.5	-59.90	-2,123.6	597.9	223.4	136.1	87.29	2.559	
7,000.0	6,455.0	6,986.5	6,410.6	44.0	44.4	-45.77	-2,111.1	604.1	228.3	140.4	87.85	2.598	
7,050.0	6,504.8	7,030.0	6,451.1	44.0	44.2	-14.88	-2,096.4	610.0	234.5	146.7	87.82	2.671	
7,100.0	6,554.5	7,072.6	6,489.8	44.1	44.0	17.64	-2,079.6	615.7	242.0	154.7	87.25	2.773	
7,150.0	6,604.0	7,114.4	6,526.8	44.0	43.8	33.90	-2,060.8	621.1	250.3	164.1	86.21	2.904	
7,200.0	6,653.0	7,155.6	6,562.1	44.0	43.6	40.50	-2,040.3	626.2	259.4	174.7	84.77	3.060	
7,250.0	6,701.3	7,196.1	6,595.6	43.8	43.4	43.02	-2,018.2	631.0	269.0	186.0	82.99	3.241	
7,300.0	6,748.7	7,236.0	6,627.4	43.7	43.2	43.71	-1,994.5	635.6	278.9	197.9	80.96	3.444	
7,350.0	6,794.9	7,275.3	6,657.5	43.5	42.9	43.52	-1,969.4	640.0	288.9	210.1	78.73	3.669	
7,400.0	6,839.7	7,314.3	6,685.7	43.2	42.6	42.91	-1,943.0	644.0	298.8	222.5	76.36	3.914	
7,450.0	6,882.9	7,350.0	6,710.5	43.0	42.3	42.18	-1,917.4	647.6	308.7	234.7	73.98	4.173	
7,500.0	6,924.2	7,390.8	6,737.1	42.7	42.0	41.19	-1,886.7	651.4	318.2	246.8	71.39	4.458	
7,550.0	6,963.5	7,428.5	6,760.1	42.3	41.7	40.28	-1,857.0	654.6	327.4	258.6	68.88	4.754	
7,600.0	7,000.6	7,466.0	6,781.4	42.0	41.4	39.41	-1,826.4	657.7	336.2	269.8	66.41	5.063	
7,650.0	7,035.3	7,500.0	6,799.4	41.6	41.1	38.66	-1,797.6	660.2	344.5	280.4	64.08	5.376	
7,700.0	7,067.4	7,540.0	6,818.8	41.2	40.8	37.84	-1,762.7	662.9	352.1	290.4	61.71	5.706	
7,750.0	7,096.8	7,576.7	6,834.8	40.8	40.5	37.16	-1,729.8	665.1	359.1	299.6	59.55	6.031	
7,800.0	7,123.3	7,613.1	6,849.1	40.3	40.2	36.56	-1,696.3	667.1	365.5	307.9	57.55	6.350	
7,850.0	7,146.8	7,650.0	6,861.8	39.9	39.8	36.03	-1,661.8	668.8	371.1	315.4	55.75	6.657	
7,900.0	7,167.2	7,685.6	6,872.4	39.4	39.5	35.59	-1,627.8	670.2	376.0	321.8	54.17	6.940	
7,950.0	7,184.4	7,721.7	6,881.4	39.0	39.2	35.23	-1,592.9	671.3	380.1	327.2	52.83	7.195	
8,000.0	7,198.3	7,757.6	6,888.6	38.5	38.9	34.94	-1,557.7	672.2	383.4	331.6	51.73	7.411	
8,050.0	7,208.8	7,800.0	6,894.9	38.1	38.5	34.69	-1,515.8	673.0	385.9	335.1	50.85	7.589	
8,100.0	7,215.8	7,829.3	6,897.8	37.7	38.3	34.58	-1,486.6	673.2	387.5	337.2	50.30	7.703	
8,150.0	7,219.5	7,865.1	6,899.7	37.3	38.0	34.51	-1,450.9	673.4	388.3	338.3	49.95	7.773	
8,177.3	7,220.0	7,886.3	6,900.0	37.0	37.9	34.51	-1,429.7	673.3	388.3	338.5	49.85	7.790	
8,186.0	7,220.0	7,892.7	6,900.0	37.0	37.8	34.51	-1,423.3	673.3	388.3	338.5	49.84	7.791	
8,200.0	7,220.0	7,906.7	6,900.0	36.9	37.7	34.51	-1,409.3	673.2	388.3	338.5	49.83	7.794	
8,300.0	7,220.0	8,006.7	6,900.0	36.1	36.9	34.51	-1,309.3	672.7	388.3	338.6	49.75	7.805	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2NHZ - 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							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	7,220.0	8,106.7	6,900.0	35.4	36.2	34.51	-1,209.3	672.2	388.3	338.5	49.80	7.797		
8,500.0	7,220.0	8,206.7	6,900.0	34.9	35.6	34.50	-1,109.3	671.7	388.3	338.3	49.98	7.770		
8,600.0	7,220.0	8,306.7	6,900.0	34.4	35.1	34.50	-1,009.3	671.2	388.3	338.0	50.27	7.724		
8,700.0	7,220.0	8,406.7	6,900.0	34.0	34.7	34.50	-909.3	670.8	388.3	337.6	50.69	7.660		
8,800.0	7,220.0	8,506.7	6,900.0	33.7	34.4	34.50	-809.3	670.3	388.3	337.0	51.23	7.579		
8,900.0	7,220.0	8,606.7	6,900.0	33.5	34.1	34.49	-709.3	669.8	388.3	336.4	51.88	7.484		
9,000.0	7,220.0	8,706.7	6,900.0	33.4	34.0	34.49	-609.3	669.3	388.3	335.6	52.64	7.376		
9,100.0	7,220.0	8,806.7	6,900.0	33.5	34.0	34.49	-509.3	668.8	388.2	334.7	53.51	7.256		
9,200.0	7,220.0	8,906.7	6,900.0	33.6	34.1	34.49	-409.3	668.3	388.2	333.8	54.47	7.127		
9,300.0	7,220.0	9,006.7	6,900.0	33.9	34.3	34.49	-309.3	667.8	388.2	332.7	55.54	6.990		
9,400.0	7,220.0	9,106.7	6,900.0	34.3	34.7	34.48	-209.3	667.3	388.2	331.5	56.69	6.848		
9,500.0	7,220.0	9,206.7	6,900.0	34.8	35.1	34.48	-109.3	666.8	388.2	330.3	57.92	6.702		
9,600.0	7,220.0	9,306.7	6,900.0	35.4	35.7	34.48	-9.3	666.4	388.2	329.0	59.24	6.553		
9,700.0	7,220.0	9,406.7	6,900.0	36.1	36.4	34.48	90.7	665.9	388.2	327.6	60.63	6.403		
9,800.0	7,220.0	9,506.7	6,900.0	36.9	37.2	34.48	190.7	665.4	388.2	326.1	62.09	6.252		
9,900.0	7,220.0	9,606.7	6,900.0	37.8	38.1	34.47	290.7	664.9	388.2	324.6	63.61	6.102		
10,000.0	7,220.0	9,706.7	6,900.0	38.7	39.0	34.47	390.7	664.4	388.2	323.0	65.19	5.954		
10,053.7	7,220.0	9,760.5	6,900.0	39.3	39.6	34.47	444.4	664.1	388.2	322.1	66.06	5.876		
10,100.0	7,220.0	9,812.6	6,900.0	39.7	40.0	34.47	496.5	663.2	388.1	321.6	66.54	5.833		
10,200.0	7,220.0	9,925.5	6,900.0	40.3	40.9	34.39	609.3	656.3	387.8	320.4	67.40	5.754		
10,244.7	7,220.0	9,973.3	6,900.0	40.7	41.3	34.35	656.8	651.5	387.6	319.8	67.77	5.719		
10,246.2	7,220.0	9,974.8	6,900.0	40.7	41.3	34.35	658.3	651.4	387.6	319.8	67.78	5.718		
10,300.0	7,220.0	10,028.6	6,900.0	41.3	42.0	34.36	711.8	645.8	387.6	318.9	68.69	5.643		
10,400.0	7,220.0	10,128.6	6,900.0	42.5	43.3	34.37	811.3	635.3	387.7	317.2	70.51	5.498		
10,500.0	7,220.0	10,228.6	6,900.0	43.9	44.6	34.38	910.7	624.9	387.7	315.3	72.38	5.357		
10,600.0	7,220.0	10,328.6	6,900.0	45.2	46.0	34.39	1,010.2	614.4	387.8	313.5	74.29	5.220		
10,700.0	7,220.0	10,428.6	6,900.0	46.6	47.4	34.39	1,109.6	604.0	387.8	311.6	76.23	5.087		
10,800.0	7,220.0	10,528.6	6,900.0	48.1	48.9	34.40	1,209.1	593.5	387.8	309.6	78.21	4.959		
10,900.0	7,220.0	10,628.6	6,900.0	49.6	50.4	34.41	1,308.5	583.1	387.9	307.7	80.22	4.835		
11,000.0	7,220.0	10,728.6	6,900.0	51.1	51.9	34.42	1,408.0	572.6	387.9	305.7	82.26	4.716		
11,100.0	7,220.0	10,828.6	6,900.0	52.6	53.5	34.43	1,507.4	562.2	388.0	303.6	84.33	4.601		
11,200.0	7,220.0	10,928.6	6,900.0	54.2	55.1	34.44	1,606.9	551.7	388.0	301.6	86.42	4.490		
11,300.0	7,220.0	11,028.6	6,900.0	55.8	56.7	34.45	1,706.3	541.3	388.1	299.5	88.54	4.383		
11,400.0	7,220.0	11,128.6	6,900.0	57.4	58.3	34.46	1,805.8	530.8	388.1	297.4	90.68	4.280		
11,500.0	7,220.0	11,228.6	6,900.0	59.1	59.9	34.47	1,905.2	520.4	388.2	295.3	92.85	4.181		
11,600.0	7,220.0	11,328.6	6,900.0	60.7	61.6	34.48	2,004.7	509.9	388.2	293.2	95.03	4.085		
11,700.0	7,220.0	11,428.6	6,900.0	62.4	63.3	34.49	2,104.2	499.5	388.2	291.0	97.23	3.993		
11,800.0	7,220.0	11,528.6	6,900.0	64.1	65.0	34.50	2,203.6	489.0	388.3	288.8	99.44	3.905		
11,900.0	7,220.0	11,628.6	6,900.0	65.8	66.7	34.51	2,303.1	478.6	388.3	286.7	101.68	3.819		
11,934.2	7,220.0	11,639.0	6,900.0	66.4	66.9	34.51	2,313.4	477.5	389.1	286.9	102.17	3.808		

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		
0.0	0.0	0.0	0.0	0.0	0.0	179.87	-119.9	0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	179.87	-119.9	0.3	119.9	119.6		0.22	533.256	
200.0	200.0	200.0	200.0	0.3	0.3	179.87	-119.9	0.3	119.9	119.2		0.67	177.752	
300.0	300.0	300.0	300.0	0.6	0.6	179.87	-119.9	0.3	119.9	118.7		1.12	106.651	
400.0	400.0	400.0	400.0	0.8	0.8	179.87	-119.9	0.3	119.9	118.3		1.57	76.179	
500.0	500.0	500.0	500.0	1.0	1.0	179.87	-119.9	0.3	119.9	117.8		2.02	59.251	
600.0	600.0	600.0	600.0	1.2	1.2	179.87	-119.9	0.3	119.9	117.4		2.47	48.478 CC, ES	
700.0	700.0	696.7	696.7	1.5	1.4	179.40	-121.2	1.3	121.2	118.3		2.89	41.915	
800.0	800.0	793.2	793.1	1.7	1.6	178.07	-125.0	4.2	125.3	122.0		3.30	37.957	
900.0	900.0	889.3	888.8	1.9	1.8	176.04	-131.5	9.1	132.3	128.5		3.73	35.506	
1,000.0	1,000.0	984.7	983.6	2.1	2.0	173.55	-140.4	15.9	142.3	138.1		4.17	34.152	
1,100.0	1,100.0	1,079.3	1,077.1	2.4	2.3	170.84	-151.7	24.5	155.4	150.8		4.62	33.635	
1,200.0	1,200.0	1,172.9	1,169.0	2.6	2.6	168.12	-165.3	34.8	171.8	166.7		5.09	33.767	
1,300.0	1,300.0	1,265.2	1,259.2	2.8	3.0	165.53	-181.1	46.7	191.4	185.9		5.56	34.407	
1,400.0	1,400.0	1,356.1	1,347.3	3.0	3.4	163.15	-198.9	60.2	214.4	208.3		6.05	35.445	
1,500.0	1,500.0	1,445.5	1,433.3	3.3	3.8	161.03	-218.5	75.1	240.5	234.0		6.54	36.791	
1,600.0	1,600.0	1,533.2	1,516.8	3.5	4.3	159.16	-239.9	91.3	269.8	262.8		7.03	38.375	
1,700.0	1,700.0	1,619.2	1,597.8	3.7	4.8	157.53	-262.8	108.7	302.2	294.6		7.53	40.142	
1,800.0	1,800.0	1,700.0	1,673.2	3.9	5.4	156.17	-286.1	126.3	337.5	329.4		8.01	42.110	
1,900.0	1,900.0	1,785.9	1,752.3	4.1	6.0	-15.21	-312.6	146.5	374.0	365.7		8.29	45.130	
2,000.0	1,999.8	1,867.7	1,826.7	4.3	6.7	-16.24	-339.7	167.0	410.2	401.5		8.71	47.114	
2,100.0	2,099.5	1,953.7	1,904.0	4.5	7.4	-17.30	-369.8	189.9	445.9	436.7		9.15	48.752	
2,200.0	2,198.7	2,047.5	1,988.1	4.7	8.2	-18.42	-402.9	215.0	479.1	469.5		9.60	49.878	
2,300.0	2,297.5	2,142.2	2,073.0	4.9	9.1	-19.51	-436.3	240.3	509.4	499.3		10.07	50.558	
2,400.0	2,395.6	2,237.7	2,158.6	5.1	9.9	-20.59	-470.0	265.9	536.7	526.2		10.56	50.838	
2,500.0	2,493.1	2,333.9	2,244.8	5.4	10.8	-21.70	-504.0	291.7	561.2	550.2		11.06	50.754	
2,600.0	2,589.6	2,430.6	2,331.6	5.8	11.7	-22.85	-538.1	317.6	582.8	571.3		11.58	50.333	
2,700.0	2,685.3	2,527.9	2,418.7	6.2	12.6	-24.06	-572.5	343.6	601.6	589.5		12.13	49.595	
2,800.0	2,779.8	2,625.4	2,506.2	6.6	13.5	-25.34	-606.9	369.7	617.6	604.9		12.72	48.551	
2,900.0	2,873.2	2,723.2	2,593.9	7.1	14.4	-26.70	-641.4	395.9	630.8	617.5		13.36	47.211	
3,000.0	2,965.2	2,821.1	2,681.6	7.7	15.3	-28.16	-676.0	422.1	641.5	627.4		14.07	45.584	
3,100.0	3,055.8	2,919.0	2,769.3	8.4	16.2	-29.73	-710.5	448.3	649.5	634.6		14.87	43.685	
3,200.0	3,144.9	3,016.7	2,856.9	9.1	17.1	-31.43	-745.0	474.5	655.1	639.4		15.77	41.535	
3,300.0	3,232.4	3,114.2	2,944.3	9.9	18.0	-33.27	-779.4	500.6	658.5	641.7		16.81	39.166	
3,311.2	3,242.1	3,125.1	2,954.1	10.0	18.1	-33.49	-783.3	503.5	658.7	641.8		16.94	38.888	
3,400.0	3,318.8	3,211.4	3,031.5	10.8	18.9	-35.22	-813.8	526.7	660.8	642.8		18.02	36.668	
3,500.0	3,405.2	3,308.7	3,118.7	11.7	19.8	-37.16	-848.1	552.7	664.0	644.6		19.34	34.337	
3,600.0	3,491.6	3,405.9	3,205.9	12.5	20.7	-39.08	-882.4	578.7	667.9	647.2		20.75	32.191	
3,700.0	3,578.0	3,503.2	3,293.1	13.5	21.6	-40.98	-916.8	604.8	672.6	650.4		22.25	30.229	
3,800.0	3,664.4	3,600.5	3,380.3	14.4	22.5	-42.85	-951.1	630.8	678.1	654.3		23.84	28.444	
3,900.0	3,750.8	3,697.7	3,467.5	15.3	23.4	-44.69	-985.4	656.9	684.3	658.8		25.51	26.828	
4,000.0	3,837.2	3,795.0	3,554.7	16.3	24.3	-46.50	-1,019.8	682.9	691.3	664.0		27.25	25.369	
4,100.0	3,923.7	3,892.2	3,641.9	17.2	25.2	-48.27	-1,054.1	709.0	698.9	669.9		29.06	24.055	
4,200.0	4,010.1	3,989.5	3,729.1	18.2	26.1	-50.00	-1,088.4	735.0	707.3	676.4		30.92	22.873	
4,300.0	4,096.5	4,086.8	3,816.3	19.1	27.0	-51.69	-1,122.8	761.1	716.3	683.4		32.84	21.811	
4,400.0	4,182.9	4,184.0	3,903.4	20.1	27.9	-53.34	-1,157.1	787.1	725.9	691.1		34.80	20.857	
4,500.0	4,269.3	4,281.3	3,990.6	21.0	28.8	-54.95	-1,191.4	813.1	736.1	699.3		36.81	20.000	
4,600.0	4,355.7	4,378.5	4,077.8	22.0	29.7	-56.51	-1,225.8	839.2	747.0	708.1		38.85	19.229	
4,700.0	4,442.1	4,475.8	4,165.0	23.0	30.6	-58.03	-1,260.1	865.2	758.3	717.4		40.91	18.536	
4,800.0	4,528.5	4,573.1	4,252.2	24.0	31.6	-59.51	-1,294.4	891.3	770.3	727.3		43.00	17.912	
4,900.0	4,614.9	4,670.3	4,339.4	24.9	32.5	-60.94	-1,328.8	917.3	782.7	737.6		45.11	17.350	
5,000.0	4,701.3	4,767.6	4,426.6	25.9	33.4	-62.33	-1,363.1	943.4	795.6	748.4		47.24	16.842	

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Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	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
5,100.0	4,787.7	4,864.8	4,513.8	26.9	34.3	-63.68	-1,397.4	969.4	809.0	759.6	49.38	16.384	
5,200.0	4,874.1	4,962.1	4,601.0	27.9	35.2	-64.98	-1,431.8	995.5	822.8	771.3	51.52	15.970	
5,300.0	4,960.5	5,059.4	4,688.2	28.9	36.1	-66.24	-1,466.1	1,021.5	837.0	783.3	53.67	15.594	
5,400.0	5,046.9	5,156.6	4,775.4	29.8	37.0	-67.46	-1,500.4	1,047.5	851.6	795.8	55.83	15.254	
5,500.0	5,133.3	5,253.9	4,862.6	30.8	37.9	-68.64	-1,534.8	1,073.6	866.6	808.6	57.99	14.945	
5,600.0	5,219.7	5,351.1	4,949.7	31.8	38.8	-69.78	-1,569.1	1,099.6	882.0	821.8	60.14	14.664	
5,700.0	5,306.1	5,448.4	5,036.9	32.8	39.7	-70.88	-1,603.4	1,125.7	897.7	835.4	62.30	14.409	
5,800.0	5,392.5	5,545.7	5,124.1	33.8	40.6	-71.94	-1,637.8	1,151.7	913.7	849.3	64.45	14.176	
5,900.0	5,479.0	5,642.9	5,211.3	34.8	41.5	-72.97	-1,672.1	1,177.8	930.0	863.4	66.60	13.964	
6,000.0	5,565.4	5,740.2	5,298.5	35.8	42.5	-73.96	-1,706.4	1,203.8	946.7	877.9	68.75	13.770	
6,100.0	5,651.8	5,837.4	5,385.7	36.7	43.4	-74.92	-1,740.8	1,229.9	963.5	892.7	70.88	13.593	
6,200.0	5,738.2	5,934.7	5,472.9	37.7	44.3	-75.85	-1,775.1	1,255.9	980.7	907.7	73.02	13.431	
6,300.0	5,824.6	6,032.0	5,560.1	38.7	45.2	-76.74	-1,809.4	1,281.9	998.1	922.9	75.14	13.283 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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:	0.0ft
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	180.00	-99.8	0.0	99.8					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-99.8	0.0	99.8	99.6	0.22	444.109		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-99.8	0.0	99.8	99.1	0.67	148.036		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-99.8	0.0	99.8	98.7	1.12	88.822		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-99.8	0.0	99.8	98.2	1.57	63.444		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-99.8	0.0	99.8	97.8	2.02	49.345		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-99.8	0.0	99.8	97.3	2.47	40.374		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-99.8	0.0	99.8	96.9	2.92	34.162		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-99.8	0.0	99.8	96.4	3.37	29.607 CC, ES		
900.0	900.0	897.1	897.1	1.9	1.9	179.49	-101.2	0.9	101.2	97.5	3.79	26.712		
1,000.0	1,000.0	994.0	993.9	2.1	2.1	178.06	-105.3	3.6	105.6	101.4	4.20	25.163		
1,100.0	1,100.0	1,090.5	1,090.0	2.4	2.3	175.93	-112.2	8.0	112.9	108.3	4.61	24.478		
1,200.0	1,200.0	1,186.3	1,185.1	2.6	2.5	173.39	-121.7	14.1	123.4	118.3	5.04	24.468		
1,300.0	1,300.0	1,281.2	1,278.9	2.8	2.7	170.72	-133.7	21.9	137.1	131.6	5.48	24.998		
1,400.0	1,400.0	1,375.1	1,371.2	3.0	3.0	168.12	-148.2	31.2	154.1	148.2	5.94	25.961		
1,500.0	1,500.0	1,467.7	1,461.7	3.3	3.3	165.72	-164.9	42.0	174.4	168.0	6.40	27.268		
1,600.0	1,600.0	1,559.0	1,550.1	3.5	3.7	163.58	-183.8	54.2	198.0	191.2	6.86	28.847		
1,700.0	1,700.0	1,648.7	1,636.3	3.7	4.1	161.72	-204.7	67.6	224.8	217.5	7.34	30.638		
1,800.0	1,800.0	1,736.7	1,720.1	3.9	4.6	160.11	-227.4	82.3	254.7	246.8	7.81	32.590		
1,900.0	1,900.0	1,823.4	1,801.8	4.1	5.1	-11.44	-251.8	98.0	285.9	277.8	8.14	35.113		
2,000.0	1,999.8	1,909.3	1,881.8	4.3	5.7	-12.67	-278.1	114.9	316.9	308.4	8.54	37.096		
2,100.0	2,099.5	1,994.3	1,960.0	4.5	6.3	-13.84	-306.0	133.0	347.6	338.7	8.95	38.843		
2,200.0	2,198.7	2,078.6	2,036.6	4.7	7.0	-14.95	-335.7	152.1	378.1	368.8	9.36	40.378		
2,300.0	2,297.5	2,162.1	2,111.3	4.9	7.7	-16.02	-366.8	172.2	408.4	398.6	9.79	41.725		
2,400.0	2,395.6	2,250.7	2,189.7	5.1	8.5	-17.14	-401.7	194.7	438.1	427.8	10.24	42.800		
2,500.0	2,493.1	2,346.4	2,274.1	5.4	9.4	-18.33	-439.6	219.1	465.2	454.5	10.72	43.398		
2,600.0	2,589.6	2,442.9	2,359.2	5.8	10.3	-19.51	-477.8	243.7	489.3	478.1	11.22	43.597		
2,700.0	2,685.3	2,539.9	2,444.7	6.2	11.2	-20.72	-516.2	268.5	510.5	498.8	11.76	43.418		
2,800.0	2,779.8	2,637.4	2,530.7	6.6	12.1	-21.98	-554.8	293.4	528.8	516.5	12.33	42.885		
2,900.0	2,873.2	2,735.3	2,617.1	7.1	13.0	-23.30	-593.6	318.4	544.3	531.3	12.95	42.019		
3,000.0	2,965.2	2,833.4	2,703.6	7.7	14.0	-24.70	-632.4	343.5	556.9	543.2	13.64	40.839		
3,100.0	3,055.8	2,931.7	2,790.3	8.4	14.9	-26.21	-671.3	368.6	566.7	552.3	14.40	39.363		
3,200.0	3,144.9	3,029.9	2,877.0	9.1	15.9	-27.83	-710.2	393.7	574.0	558.7	15.26	37.615		
3,300.0	3,232.4	3,128.1	2,963.6	9.9	16.8	-29.59	-749.1	418.7	578.7	562.4	16.24	35.625		
3,311.2	3,242.1	3,139.1	2,973.3	10.0	16.9	-29.80	-753.5	421.5	579.0	562.7	16.36	35.387		
3,400.0	3,318.8	3,226.1	3,050.0	10.8	17.8	-31.47	-787.9	443.7	582.1	564.7	17.41	33.446		
3,500.0	3,405.2	3,324.2	3,136.5	11.7	18.7	-33.33	-826.7	468.8	586.2	567.6	18.67	31.399		
3,600.0	3,491.6	3,422.2	3,223.0	12.5	19.7	-35.16	-865.5	493.8	591.0	570.9	20.03	29.506		
3,700.0	3,578.0	3,520.2	3,309.5	13.5	20.7	-36.96	-904.4	518.8	596.3	574.8	21.48	27.767		
3,800.0	3,664.4	3,618.3	3,395.9	14.4	21.6	-38.73	-943.2	543.9	602.2	579.2	23.01	26.177		
3,900.0	3,750.8	3,716.3	3,482.4	15.3	22.6	-40.46	-982.0	568.9	608.8	584.2	24.62	24.731		
4,000.0	3,837.2	3,814.3	3,568.9	16.3	23.5	-42.16	-1,020.8	593.9	615.9	589.6	26.30	23.419		
4,100.0	3,923.7	3,912.4	3,655.4	17.2	24.5	-43.81	-1,059.6	619.0	623.5	595.4	28.05	22.231		
4,200.0	4,010.1	4,010.4	3,741.8	18.2	25.5	-45.43	-1,098.5	644.0	631.6	601.8	29.85	21.158		
4,300.0	4,096.5	4,108.5	3,828.3	19.1	26.4	-47.01	-1,137.3	669.0	640.3	608.6	31.72	20.188		
4,400.0	4,182.9	4,206.5	3,914.8	20.1	27.4	-48.54	-1,176.1	694.1	649.4	615.8	33.63	19.313		
4,500.0	4,269.3	4,304.5	4,001.3	21.0	28.3	-50.03	-1,214.9	719.1	659.0	623.4	35.58	18.522		
4,600.0	4,355.7	4,402.6	4,087.7	22.0	29.3	-51.48	-1,253.7	744.1	669.1	631.5	37.57	17.808		
4,700.0	4,442.1	4,500.6	4,174.2	23.0	30.3	-52.89	-1,292.5	769.2	679.5	639.9	39.60	17.162		
4,800.0	4,528.5	4,598.6	4,260.7	24.0	31.2	-54.25	-1,331.4	794.2	690.4	648.8	41.65	16.577		
4,900.0	4,614.9	4,696.7	4,347.2	24.9	32.2	-55.58	-1,370.2	819.2	701.7	657.9	43.72	16.047		
5,000.0	4,701.3	4,794.7	4,433.6	25.9	33.2	-56.86	-1,409.0	844.3	713.3	667.5	45.82	15.566		

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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						
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	4,787.7	4,892.8	4,520.1	26.9	34.1	-58.10	-1,447.8	869.3	725.3	677.3	47.94	15.129	
5,200.0	4,874.1	4,990.8	4,606.6	27.9	35.1	-59.30	-1,486.6	894.3	737.6	687.5	50.07	14.732	
5,300.0	4,960.5	5,088.8	4,693.1	28.9	36.1	-60.46	-1,525.4	919.4	750.2	698.0	52.21	14.369	
5,400.0	5,046.9	5,186.9	4,779.5	29.8	37.0	-61.59	-1,564.3	944.4	763.1	708.8	54.36	14.039	
5,500.0	5,133.3	5,284.9	4,866.0	30.8	38.0	-62.67	-1,603.1	969.4	776.3	719.8	56.51	13.737	
5,600.0	5,219.7	5,383.0	4,952.5	31.8	39.0	-63.72	-1,641.9	994.5	789.8	731.1	58.68	13.460	
5,700.0	5,306.1	5,481.0	5,039.0	32.8	39.9	-64.74	-1,680.7	1,019.5	803.5	742.7	60.84	13.206	
5,800.0	5,392.5	5,579.0	5,125.4	33.8	40.9	-65.72	-1,719.5	1,044.5	817.5	754.5	63.01	12.974	
5,900.0	5,479.0	5,677.1	5,211.9	34.8	41.9	-66.67	-1,758.4	1,069.6	831.7	766.5	65.18	12.760	
6,000.0	5,565.4	5,775.1	5,298.4	35.8	42.8	-67.59	-1,797.2	1,094.6	846.2	778.8	67.35	12.563	
6,100.0	5,651.8	5,873.1	5,384.9	36.7	43.8	-68.48	-1,836.0	1,119.6	860.8	791.3	69.52	12.382	
6,200.0	5,738.2	5,971.2	5,471.3	37.7	44.8	-69.34	-1,874.8	1,144.7	875.6	804.0	71.69	12.215	
6,300.0	5,824.6	6,069.2	5,557.8	38.7	45.7	-70.17	-1,913.6	1,169.7	890.7	816.8	73.85	12.060	
6,400.0	5,911.0	6,167.3	5,644.3	39.7	46.7	-70.97	-1,952.4	1,194.7	905.9	829.9	76.02	11.917	
6,500.0	5,997.4	6,265.3	5,730.8	40.7	47.7	-71.74	-1,991.3	1,219.8	921.3	843.1	78.18	11.785	
6,600.0	6,083.8	6,363.3	5,817.2	41.7	48.6	-72.50	-2,030.1	1,244.8	936.8	856.5	80.33	11.662	
6,680.2	6,153.1	6,442.0	5,886.6	42.5	49.4	-73.08	-2,061.2	1,264.9	949.4	867.3	82.06	11.570	
6,700.0	6,170.3	6,461.4	5,903.7	42.7	49.6	-72.91	-2,068.9	1,269.9	952.5	870.0	82.56	11.537	
6,750.0	6,215.0	6,510.7	5,947.3	43.0	50.1	-72.05	-2,088.4	1,282.5	960.7	877.0	83.68	11.481	
6,800.0	6,261.1	6,560.4	5,991.9	43.3	50.5	-70.48	-2,105.8	1,295.4	969.2	884.5	84.68	11.446	
6,850.0	6,308.3	6,609.8	6,037.5	43.5	50.8	-67.82	-2,119.9	1,308.5	977.9	892.3	85.57	11.428	
6,900.0	6,356.6	6,659.2	6,083.8	43.7	51.0	-63.17	-2,130.6	1,321.9	986.7	900.4	86.38	11.424 SF	
6,950.0	6,405.6	6,708.4	6,130.5	43.9	51.2	-54.45	-2,138.1	1,335.4	995.7	908.6	87.10	11.433	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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	179.80	-79.8	0.3	79.8					
100.0	100.0	100.0	100.0	0.1	0.1	179.80	-79.8	0.3	79.8	79.6	0.22	354.965		
200.0	200.0	200.0	200.0	0.3	0.3	179.80	-79.8	0.3	79.8	79.1	0.67	118.322		
300.0	300.0	300.0	300.0	0.6	0.6	179.80	-79.8	0.3	79.8	78.7	1.12	70.993		
400.0	400.0	400.0	400.0	0.8	0.8	179.80	-79.8	0.3	79.8	78.2	1.57	50.709		
500.0	500.0	500.0	500.0	1.0	1.0	179.80	-79.8	0.3	79.8	77.8	2.02	39.441		
600.0	600.0	600.0	600.0	1.2	1.2	179.80	-79.8	0.3	79.8	77.3	2.47	32.270		
700.0	700.0	700.0	700.0	1.5	1.5	179.80	-79.8	0.3	79.8	76.9	2.92	27.305		
800.0	800.0	800.0	800.0	1.7	1.7	179.80	-79.8	0.3	79.8	76.4	3.37	23.664		
900.0	900.0	900.0	900.0	1.9	1.9	179.80	-79.8	0.3	79.8	76.0	3.82	20.880		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	179.80	-79.8	0.3	79.8	75.5	4.27	18.682 CC, ES		
1,100.0	1,100.0	1,097.6	1,097.6	2.4	2.3	179.24	-81.2	1.1	81.3	76.6	4.69	17.333		
1,200.0	1,200.0	1,194.9	1,194.8	2.6	2.5	177.68	-85.6	3.5	85.8	80.7	5.09	16.854		
1,300.0	1,300.0	1,291.8	1,291.3	2.8	2.7	175.42	-92.8	7.4	93.5	88.0	5.50	16.986		
1,400.0	1,400.0	1,388.1	1,386.9	3.0	2.9	172.84	-102.8	12.9	104.4	98.5	5.93	17.617		
1,500.0	1,500.0	1,483.4	1,481.1	3.3	3.1	170.23	-115.4	19.9	118.7	112.3	6.36	18.658		
1,600.0	1,600.0	1,577.7	1,573.8	3.5	3.4	167.80	-130.7	28.2	136.2	129.4	6.80	20.033		
1,700.0	1,700.0	1,670.8	1,664.6	3.7	3.7	165.65	-148.3	37.9	157.1	149.8	7.25	21.675		
1,800.0	1,800.0	1,762.4	1,753.4	3.9	4.1	163.80	-168.2	48.9	181.2	173.5	7.70	23.529		
1,900.0	1,900.0	1,852.9	1,840.3	4.1	4.5	-8.00	-190.2	61.0	206.8	198.7	8.07	25.635		
2,000.0	1,999.8	1,942.6	1,925.7	4.3	5.0	-9.44	-214.5	74.3	232.2	223.8	8.45	27.474		
2,100.0	2,099.5	2,031.6	2,009.5	4.5	5.5	-10.79	-240.8	88.8	257.5	248.6	8.84	29.127		
2,200.0	2,198.7	2,119.9	2,091.6	4.7	6.0	-12.07	-269.2	104.4	282.5	273.3	9.24	30.588		
2,300.0	2,297.5	2,207.5	2,172.1	4.9	6.7	-13.30	-299.5	121.1	307.4	297.8	9.64	31.889		
2,400.0	2,395.6	2,294.4	2,250.8	5.1	7.3	-14.48	-331.7	138.8	332.1	322.1	10.05	33.031		
2,500.0	2,493.1	2,386.9	2,333.6	5.4	8.1	-15.71	-367.8	158.6	356.2	345.7	10.50	33.912		
2,600.0	2,589.6	2,484.2	2,420.6	5.8	8.9	-16.99	-406.0	179.6	377.4	366.4	10.98	34.369		
2,700.0	2,685.3	2,582.0	2,508.1	6.2	9.8	-18.29	-444.5	200.7	395.6	384.1	11.49	34.435		
2,800.0	2,779.8	2,680.4	2,596.0	6.6	10.6	-19.64	-483.1	221.9	410.8	398.8	12.03	34.137		
2,900.0	2,873.2	2,779.0	2,684.2	7.1	11.5	-21.07	-521.8	243.2	423.0	410.3	12.63	33.501		
3,000.0	2,965.2	2,877.8	2,772.5	7.7	12.4	-22.61	-560.6	264.6	432.2	419.0	13.28	32.549		
3,100.0	3,055.8	2,976.8	2,861.0	8.4	13.3	-24.27	-599.4	285.9	438.6	424.6	14.01	31.302		
3,200.0	3,144.9	3,075.6	2,949.4	9.1	14.1	-26.10	-638.2	307.2	442.3	427.5	14.85	29.785		
3,300.0	3,232.4	3,174.4	3,037.6	9.9	15.0	-28.12	-677.0	328.5	443.4	427.6	15.82	28.027		
3,311.2	3,242.1	3,185.4	3,047.5	10.0	15.1	-28.36	-681.3	330.9	443.3	427.4	15.94	27.816		
3,385.0	3,305.9	3,258.2	3,112.6	10.6	15.8	-29.94	-709.9	346.6	443.2	426.4	16.81	26.367		
3,400.0	3,318.8	3,272.9	3,125.8	10.8	15.9	-30.26	-715.7	349.8	443.2	426.2	16.99	26.084		
3,500.0	3,405.2	3,371.5	3,213.9	11.7	16.8	-32.41	-754.4	371.1	443.6	425.3	18.28	24.267		
3,600.0	3,491.6	3,470.1	3,302.0	12.5	17.7	-34.55	-793.1	392.3	444.6	425.0	19.68	22.596		
3,700.0	3,578.0	3,568.6	3,390.1	13.5	18.6	-36.68	-831.8	413.6	446.3	425.1	21.18	21.072		
3,800.0	3,664.4	3,667.2	3,478.3	14.4	19.5	-38.79	-870.5	434.9	448.6	425.9	22.79	19.690		
3,900.0	3,750.8	3,765.8	3,566.4	15.3	20.4	-40.87	-909.2	456.2	451.6	427.1	24.48	18.445		
4,000.0	3,837.2	3,864.3	3,654.5	16.3	21.3	-42.93	-947.9	477.4	455.1	428.9	26.27	17.328		
4,100.0	3,923.7	3,962.9	3,742.6	17.2	22.2	-44.95	-986.6	498.7	459.3	431.1	28.13	16.328		
4,200.0	4,010.1	4,061.5	3,830.8	18.2	23.1	-46.93	-1,025.3	520.0	464.0	433.9	30.06	15.436		
4,300.0	4,096.5	4,160.1	3,918.9	19.1	24.0	-48.88	-1,064.0	541.2	469.2	437.2	32.05	14.640		
4,400.0	4,182.9	4,258.6	4,007.0	20.1	25.0	-50.78	-1,102.7	562.5	475.0	440.9	34.10	13.932		
4,500.0	4,269.3	4,357.2	4,095.1	21.0	25.9	-52.63	-1,141.3	583.8	481.4	445.2	36.19	13.302		
4,600.0	4,355.7	4,455.8	4,183.3	22.0	26.8	-54.43	-1,180.0	605.0	488.2	449.9	38.32	12.742		
4,700.0	4,442.1	4,554.3	4,271.4	23.0	27.7	-56.19	-1,218.7	626.3	495.5	455.0	40.48	12.242		
4,800.0	4,528.5	4,652.9	4,359.5	24.0	28.6	-57.89	-1,257.4	647.6	503.3	460.6	42.66	11.798		
4,900.0	4,614.9	4,751.5	4,447.6	24.9	29.5	-59.54	-1,296.1	668.8	511.5	466.6	44.86	11.401		

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWDD												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	4,701.3	4,850.0	4,535.8	25.9	30.4	-61.14	-1,334.8	690.1	520.1	473.0	47.08	11.047	
5,100.0	4,787.7	4,948.6	4,623.9	26.9	31.3	-62.68	-1,373.5	711.4	529.1	479.8	49.31	10.731	
5,200.0	4,874.1	5,047.2	4,712.0	27.9	32.2	-64.18	-1,412.2	732.7	538.5	487.0	51.54	10.449	
5,300.0	4,960.5	5,145.7	4,800.1	28.9	33.1	-65.62	-1,450.9	753.9	548.3	494.5	53.77	10.196	
5,400.0	5,046.9	5,244.3	4,888.3	29.8	34.1	-67.01	-1,489.6	775.2	558.4	502.3	56.01	9.969	
5,500.0	5,133.3	5,342.9	4,976.4	30.8	35.0	-68.36	-1,528.3	796.5	568.8	510.5	58.24	9.766	
5,600.0	5,219.7	5,441.4	5,064.5	31.8	35.9	-69.65	-1,567.0	817.7	579.5	519.0	60.47	9.584	
5,700.0	5,306.1	5,540.0	5,152.6	32.8	36.8	-70.90	-1,605.7	839.0	590.5	527.8	62.68	9.420	
5,800.0	5,392.5	5,638.6	5,240.8	33.8	37.7	-72.10	-1,644.4	860.3	601.8	536.9	64.90	9.273	
5,900.0	5,479.0	5,737.2	5,328.9	34.8	38.6	-73.26	-1,683.1	881.5	613.3	546.2	67.10	9.140	
6,000.0	5,565.4	5,835.7	5,417.0	35.8	39.5	-74.38	-1,721.8	902.8	625.1	555.8	69.29	9.021	
6,100.0	5,651.8	5,934.3	5,505.1	36.7	40.4	-75.45	-1,760.5	924.1	637.1	565.6	71.47	8.914	
6,200.0	5,738.2	6,032.9	5,593.3	37.7	41.4	-76.49	-1,799.2	945.3	649.3	575.6	73.64	8.817	
6,300.0	5,824.6	6,131.4	5,681.4	38.7	42.3	-77.48	-1,837.9	966.6	661.7	585.9	75.80	8.729	
6,400.0	5,911.0	6,230.0	5,769.5	39.7	43.2	-78.45	-1,876.6	987.9	674.3	596.4	77.95	8.651	
6,500.0	5,997.4	6,328.6	5,857.6	40.7	44.1	-79.37	-1,915.3	1,009.2	687.1	607.0	80.08	8.580	
6,600.0	6,083.8	6,427.1	5,945.8	41.7	45.0	-80.26	-1,954.0	1,030.4	700.1	617.9	82.21	8.516	
6,680.2	6,153.1	6,506.2	6,016.5	42.5	45.7	-80.96	-1,985.0	1,047.5	710.6	626.7	83.91	8.469	
6,700.0	6,170.3	6,525.7	6,033.9	42.7	45.9	-80.77	-1,992.7	1,051.7	713.2	628.8	84.36	8.454	
6,750.0	6,215.0	6,575.3	6,078.2	43.0	46.4	-79.76	-2,012.1	1,062.4	719.7	634.3	85.36	8.431	
6,800.0	6,261.1	6,624.8	6,122.5	43.3	46.8	-77.80	-2,031.6	1,073.1	726.0	639.8	86.22	8.420	
6,850.0	6,308.3	6,674.2	6,166.7	43.5	47.3	-74.45	-2,051.0	1,083.7	732.1	645.2	86.93	8.422	
6,900.0	6,356.6	6,723.2	6,210.4	43.7	47.7	-68.84	-2,070.2	1,094.3	738.1	650.6	87.49	8.436	
6,950.0	6,405.6	6,771.1	6,253.3	43.9	48.2	-58.91	-2,089.0	1,104.6	744.0	656.1	87.89	8.464	
7,000.0	6,455.0	6,816.0	6,294.0	44.0	48.5	-39.73	-2,105.0	1,114.5	750.0	661.9	88.13	8.511	
7,050.0	6,504.8	6,861.5	6,336.3	44.0	48.8	-4.02	-2,118.6	1,124.6	756.4	668.1	88.24	8.571	
7,100.0	6,554.5	6,907.8	6,380.0	44.1	49.0	33.04	-2,129.6	1,135.2	762.9	674.6	88.27	8.643	
7,150.0	6,604.0	6,954.9	6,425.1	44.0	49.2	53.53	-2,137.7	1,146.0	769.6	681.4	88.21	8.725	
7,200.0	6,653.0	7,002.8	6,471.4	44.0	49.4	64.08	-2,142.8	1,157.1	776.6	688.5	88.07	8.817	
7,250.0	6,701.3	7,051.7	6,518.9	43.8	49.5	70.23	-2,144.7	1,168.5	783.6	695.8	87.84	8.921	
7,300.0	6,748.7	7,101.6	6,567.4	43.7	49.6	74.26	-2,143.3	1,180.1	790.8	703.3	87.54	9.034	
7,350.0	6,794.9	7,152.5	6,616.6	43.5	49.6	77.14	-2,138.2	1,191.8	798.1	710.9	87.15	9.158	
7,400.0	6,839.7	7,204.5	6,666.5	43.2	49.6	79.31	-2,129.3	1,203.7	805.3	718.7	86.68	9.291	
7,450.0	6,882.9	7,257.8	6,716.8	43.0	49.6	81.05	-2,116.4	1,215.7	812.6	726.4	86.14	9.434	
7,500.0	6,924.2	7,312.3	6,767.1	42.7	49.5	82.47	-2,099.2	1,227.6	819.8	734.2	85.53	9.585	
7,550.0	6,963.5	7,368.1	6,817.2	42.3	49.3	83.68	-2,077.6	1,239.5	826.8	742.0	84.86	9.744	
7,600.0	7,000.6	7,425.4	6,866.7	42.0	49.2	84.72	-2,051.4	1,251.2	833.7	749.6	84.12	9.911	
7,650.0	7,035.3	7,484.0	6,915.1	41.6	48.9	85.62	-2,020.4	1,262.7	840.3	757.0	83.34	10.083	
7,700.0	7,067.4	7,544.1	6,962.0	41.2	48.6	86.42	-1,984.5	1,273.7	846.7	764.2	82.52	10.261	
7,750.0	7,096.8	7,605.7	7,006.8	40.8	48.3	87.13	-1,943.7	1,284.3	852.6	771.0	81.66	10.441	
7,800.0	7,123.3	7,668.7	7,049.0	40.3	47.9	87.75	-1,898.0	1,294.2	858.1	777.4	80.77	10.624	
7,850.0	7,146.8	7,733.1	7,087.9	39.9	47.5	88.29	-1,847.5	1,303.2	863.1	783.3	79.88	10.806	
7,900.0	7,167.2	7,798.7	7,122.9	39.4	47.0	88.76	-1,792.6	1,311.4	867.6	788.6	78.98	10.985	
7,950.0	7,184.4	7,865.6	7,153.4	39.0	46.5	89.16	-1,733.5	1,318.4	871.4	793.3	78.09	11.158	
8,000.0	7,198.3	7,933.5	7,178.7	38.5	46.0	89.48	-1,670.8	1,324.1	874.5	797.3	77.23	11.323	
8,050.0	7,208.8	8,002.3	7,198.3	38.1	45.5	89.73	-1,605.0	1,328.5	876.9	800.5	76.41	11.477	
8,100.0	7,215.8	8,071.7	7,211.9	37.7	45.0	89.89	-1,537.0	1,331.4	878.6	803.0	75.64	11.616	
8,150.0	7,219.5	8,141.6	7,218.9	37.3	44.5	89.98	-1,467.6	1,332.8	879.5	804.5	74.91	11.740	
8,177.3	7,220.0	8,179.9	7,220.0	37.0	44.2	90.00	-1,429.3	1,332.9	879.6	805.0	74.54	11.800	
8,200.0	7,220.0	8,202.9	7,220.0	36.9	44.0	90.00	-1,406.2	1,332.8	879.6	805.4	74.22	11.851	
8,300.0	7,220.0	8,302.9	7,220.0	36.1	43.3	90.00	-1,306.2	1,332.3	879.6	806.7	72.85	12.073	
8,400.0	7,220.0	8,402.9	7,220.0	35.4	42.6	90.00	-1,206.2	1,331.8	879.6	807.9	71.67	12.273	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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	
8,500.0	7,220.0	8,502.9	7,220.0	34.9	42.0	90.00	-1,106.2	1,331.4	879.6	808.9	70.67	12.446	
8,600.0	7,220.0	8,602.9	7,220.0	34.4	41.4	90.00	-1,006.2	1,330.9	879.6	809.7	69.87	12.588	
8,700.0	7,220.0	8,702.9	7,220.0	34.0	40.8	90.00	-906.2	1,330.4	879.6	810.3	69.28	12.696	
8,800.0	7,220.0	8,802.9	7,220.0	33.7	40.3	90.00	-806.2	1,330.0	879.6	810.7	68.90	12.767	
8,900.0	7,220.0	8,902.9	7,220.0	33.5	39.9	90.00	-706.2	1,329.5	879.6	810.9	68.73	12.799	
9,000.0	7,220.0	9,002.9	7,220.0	33.4	39.5	90.00	-606.2	1,329.0	879.6	810.8	68.77	12.791	
9,100.0	7,220.0	9,102.9	7,220.0	33.5	39.2	90.00	-506.2	1,328.6	879.6	810.6	69.03	12.743	
9,200.0	7,220.0	9,202.9	7,220.0	33.6	38.9	90.00	-406.2	1,328.1	879.6	810.1	69.50	12.657	
9,300.0	7,220.0	9,302.9	7,220.0	33.9	38.8	90.00	-306.2	1,327.6	879.6	809.4	70.18	12.534	
9,400.0	7,220.0	9,402.9	7,220.0	34.3	38.7	90.00	-206.2	1,327.2	879.6	808.6	71.06	12.379	
9,500.0	7,220.0	9,502.9	7,220.0	34.8	38.8	90.00	-106.2	1,326.7	879.6	807.5	72.13	12.195	
9,600.0	7,220.0	9,602.9	7,220.0	35.4	39.0	90.00	-6.2	1,326.2	879.6	806.2	73.39	11.985	
9,700.0	7,220.0	9,702.9	7,220.0	36.1	39.4	90.00	93.8	1,325.7	879.6	804.8	74.83	11.755	
9,800.0	7,220.0	9,802.9	7,220.0	36.9	39.9	90.00	193.8	1,325.3	879.6	803.2	76.44	11.508	
9,900.0	7,220.0	9,902.9	7,220.0	37.8	40.6	90.00	293.8	1,324.8	879.6	801.4	78.20	11.249	
10,000.0	7,220.0	10,002.9	7,220.0	38.7	41.4	90.00	393.8	1,324.3	879.6	799.5	80.10	10.981	
10,053.7	7,220.0	10,056.7	7,220.0	39.3	41.9	90.00	447.5	1,324.1	879.6	798.5	81.18	10.835	
10,100.0	7,220.0	10,137.3	7,220.0	39.7	42.6	90.00	528.1	1,322.3	879.4	797.2	82.23	10.694	
10,200.0	7,220.0	10,289.5	7,220.0	40.3	44.0	90.00	679.8	1,309.9	876.4	792.4	84.06	10.427	
10,241.9	7,220.0	10,331.4	7,220.0	40.7	44.5	90.00	721.5	1,305.6	876.0	791.3	84.72	10.340	
10,246.2	7,220.0	10,335.7	7,220.0	40.7	44.6	90.00	725.7	1,305.2	876.0	791.2	84.78	10.332	
10,300.0	7,220.0	10,389.5	7,220.0	41.3	45.3	90.00	779.2	1,299.6	876.1	790.1	85.96	10.192	
10,400.0	7,220.0	10,489.5	7,220.0	42.5	46.6	90.00	878.7	1,289.3	876.3	787.9	88.45	9.907	
10,500.0	7,220.0	10,589.5	7,220.0	43.9	48.0	90.00	978.2	1,279.0	876.5	785.5	91.04	9.628	
10,600.0	7,220.0	10,689.5	7,220.0	45.2	49.4	90.00	1,077.6	1,268.7	876.8	783.0	93.73	9.354	
10,700.0	7,220.0	10,789.5	7,220.0	46.6	50.8	90.00	1,177.1	1,258.4	877.0	780.5	96.50	9.088	
10,800.0	7,220.0	10,889.5	7,220.0	48.1	52.3	90.00	1,276.6	1,248.1	877.2	777.9	99.36	8.829	
10,900.0	7,220.0	10,989.5	7,220.0	49.6	53.8	90.00	1,376.0	1,237.8	877.4	775.2	102.28	8.579	
11,000.0	7,220.0	11,089.5	7,220.0	51.1	55.4	90.00	1,475.5	1,227.5	877.7	772.4	105.27	8.337	
11,100.0	7,220.0	11,189.5	7,220.0	52.6	56.9	90.00	1,575.0	1,217.2	877.9	769.6	108.32	8.105	
11,200.0	7,220.0	11,289.5	7,220.0	54.2	58.5	90.00	1,674.5	1,206.9	878.1	766.7	111.42	7.881	
11,300.0	7,220.0	11,389.5	7,220.0	55.8	60.1	90.00	1,773.9	1,196.6	878.3	763.7	114.58	7.666	
11,400.0	7,220.0	11,489.5	7,220.0	57.4	61.8	90.00	1,873.4	1,186.3	878.5	760.8	117.78	7.459	
11,500.0	7,220.0	11,589.5	7,220.0	59.1	63.4	90.00	1,972.9	1,176.0	878.8	757.7	121.03	7.261	
11,600.0	7,220.0	11,689.5	7,220.0	60.7	65.1	90.00	2,072.3	1,165.7	879.0	754.7	124.32	7.071	
11,700.0	7,220.0	11,789.5	7,220.0	62.4	66.7	90.00	2,171.8	1,155.4	879.2	751.6	127.64	6.888	
11,800.0	7,220.0	11,889.5	7,220.0	64.1	68.4	90.00	2,271.3	1,145.0	879.4	748.4	131.00	6.713	
11,900.0	7,220.0	11,930.1	7,220.0	65.8	69.1	90.00	2,311.6	1,140.9	881.7	748.3	133.39	6.610	
11,934.2	7,220.0	11,930.1	7,220.0	66.4	69.1	90.00	2,311.6	1,140.9	884.7	750.7	133.97	6.604 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-59.7	0.0	59.7					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-59.7	0.0	59.7	59.5	0.22	265.799		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-59.7	0.0	59.7	59.1	0.67	88.600		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-59.7	0.0	59.7	58.6	1.12	53.160		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-59.7	0.0	59.7	58.2	1.57	37.971		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-59.7	0.0	59.7	57.7	2.02	29.533		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-59.7	0.0	59.7	57.3	2.47	24.164		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-59.7	0.0	59.7	56.8	2.92	20.446		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-59.7	0.0	59.7	56.4	3.37	17.720		
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-59.7	0.0	59.7	55.9	3.82	15.635		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-59.7	0.0	59.7	55.5	4.27	13.989		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-59.7	0.0	59.7	55.0	4.72	12.657		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-59.7	0.0	59.7	54.6	5.17	11.556 CC, ES		
1,300.0	1,300.0	1,298.1	1,298.1	2.8	2.8	179.37	-61.3	0.7	61.3	55.7	5.59	10.971		
1,400.0	1,400.0	1,396.0	1,395.8	3.0	3.0	177.65	-65.9	2.7	66.1	60.1	5.99	11.030		
1,500.0	1,500.0	1,493.4	1,492.8	3.3	3.1	175.28	-73.5	6.1	74.1	67.7	6.40	11.576		
1,600.0	1,600.0	1,590.1	1,588.9	3.5	3.3	172.73	-84.0	10.7	85.4	78.6	6.81	12.532		
1,700.0	1,700.0	1,685.9	1,683.6	3.7	3.6	170.31	-97.3	16.6	100.1	92.9	7.24	13.828		
1,800.0	1,800.0	1,780.7	1,776.7	3.9	3.8	168.19	-113.4	23.7	118.2	110.5	7.67	15.403		
1,900.0	1,900.0	1,874.5	1,868.3	4.1	4.1	-3.86	-132.0	32.0	137.8	129.7	8.05	17.117		
2,000.0	1,999.8	1,967.8	1,958.6	4.3	4.5	-5.49	-153.3	41.3	157.3	148.9	8.42	18.686		
2,100.0	2,099.5	2,060.4	2,047.5	4.5	4.9	-6.98	-177.0	51.8	176.7	167.9	8.79	20.099		
2,200.0	2,198.7	2,152.5	2,135.0	4.7	5.3	-8.38	-203.2	63.4	195.9	186.8	9.17	21.369		
2,300.0	2,297.5	2,243.9	2,221.0	4.9	5.9	-9.72	-231.8	76.1	215.1	205.5	9.55	22.513		
2,400.0	2,395.6	2,334.8	2,305.4	5.1	6.4	-11.00	-262.6	89.7	234.0	224.1	9.95	23.528		
2,500.0	2,493.1	2,425.2	2,388.2	5.4	7.0	-12.24	-295.7	104.3	252.9	242.6	10.36	24.423		
2,600.0	2,589.6	2,515.0	2,469.3	5.8	7.7	-13.44	-331.0	119.9	271.7	260.9	10.78	25.197		
2,700.0	2,685.3	2,604.2	2,548.7	6.2	8.4	-14.61	-368.3	136.4	290.3	279.1	11.23	25.848		
2,800.0	2,779.8	2,696.7	2,629.6	6.6	9.3	-15.81	-409.1	154.4	308.6	296.9	11.72	26.320		
2,900.0	2,873.2	2,795.1	2,715.6	7.1	10.2	-17.11	-453.0	173.8	324.3	312.1	12.28	26.421		
3,000.0	2,965.2	2,893.9	2,801.9	7.7	11.1	-18.49	-497.0	193.3	337.0	324.1	12.88	26.162		
3,100.0	3,055.8	2,993.1	2,888.4	8.4	12.0	-19.97	-541.2	212.8	346.5	333.0	13.55	25.570		
3,200.0	3,144.9	3,092.3	2,975.1	9.1	12.9	-21.59	-585.5	232.4	353.1	338.8	14.31	24.673		
3,300.0	3,232.4	3,191.6	3,061.8	9.9	13.9	-23.37	-629.8	252.0	356.8	341.6	15.18	23.501		
3,311.2	3,242.1	3,202.8	3,071.5	10.0	14.0	-23.59	-634.7	254.2	357.0	341.7	15.29	23.354		
3,400.0	3,318.8	3,290.8	3,148.4	10.8	14.8	-25.29	-674.0	271.5	358.9	342.6	16.25	22.079		
3,500.0	3,405.2	3,390.1	3,235.1	11.7	15.8	-27.19	-718.3	291.1	361.4	343.9	17.43	20.728		
3,600.0	3,491.6	3,489.3	3,321.7	12.5	16.8	-29.06	-762.5	310.7	364.3	345.6	18.71	19.471		
3,700.0	3,578.0	3,588.6	3,408.4	13.5	17.7	-30.90	-806.8	330.2	367.5	347.5	20.07	18.309		
3,800.0	3,664.4	3,687.8	3,495.0	14.4	18.7	-32.70	-851.0	349.8	371.2	349.7	21.53	17.241		
3,900.0	3,750.8	3,787.1	3,581.7	15.3	19.7	-34.47	-895.3	369.4	375.2	352.1	23.07	16.266		
4,000.0	3,837.2	3,886.3	3,668.3	16.3	20.6	-36.20	-939.5	388.9	379.6	354.9	24.68	15.378		
4,100.0	3,923.7	3,985.6	3,755.0	17.2	21.6	-37.89	-983.8	408.5	384.3	357.9	26.37	14.572		
4,200.0	4,010.1	4,084.8	3,841.6	18.2	22.6	-39.53	-1,028.0	428.0	389.3	361.2	28.12	13.843		
4,300.0	4,096.5	4,184.1	3,928.3	19.1	23.6	-41.14	-1,072.3	447.6	394.7	364.7	29.94	13.183		
4,400.0	4,182.9	4,283.3	4,014.9	20.1	24.6	-42.70	-1,116.5	467.2	400.3	368.5	31.81	12.586		
4,500.0	4,269.3	4,382.5	4,101.6	21.0	25.5	-44.22	-1,160.8	486.7	406.3	372.6	33.72	12.047		
4,600.0	4,355.7	4,481.8	4,188.2	22.0	26.5	-45.69	-1,205.1	506.3	412.5	376.8	35.68	11.560		
4,700.0	4,442.1	4,581.0	4,274.9	23.0	27.5	-47.12	-1,249.3	525.9	419.0	381.3	37.68	11.119		
4,800.0	4,528.5	4,680.3	4,361.5	24.0	28.5	-48.50	-1,293.6	545.4	425.7	386.0	39.72	10.720		
4,900.0	4,614.9	4,779.5	4,448.2	24.9	29.5	-49.84	-1,337.8	565.0	432.7	391.0	41.78	10.358		
5,000.0	4,701.3	4,878.8	4,534.8	25.9	30.5	-51.14	-1,382.1	584.5	440.0	396.1	43.86	10.030		

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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	4,787.7	4,978.0	4,621.5	26.9	31.4	-52.40	-1,426.3	604.1	447.4	401.4	45.97	9.732	
5,200.0	4,874.1	5,077.3	4,708.2	27.9	32.4	-53.61	-1,470.6	623.7	455.0	407.0	48.10	9.461	
5,300.0	4,960.5	5,176.5	4,794.8	28.9	33.4	-54.78	-1,514.8	643.2	462.9	412.7	50.24	9.214	
5,400.0	5,046.9	5,275.8	4,881.5	29.8	34.4	-55.92	-1,559.1	662.8	470.9	418.5	52.39	8.989	
5,500.0	5,133.3	5,375.0	4,968.1	30.8	35.4	-57.02	-1,603.3	682.4	479.1	424.6	54.56	8.783	
5,600.0	5,219.7	5,474.3	5,054.8	31.8	36.4	-58.08	-1,647.6	701.9	487.5	430.8	56.73	8.594	
5,700.0	5,306.1	5,573.5	5,141.4	32.8	37.4	-59.10	-1,691.8	721.5	496.1	437.2	58.91	8.421	
5,800.0	5,392.5	5,672.7	5,228.1	33.8	38.3	-60.09	-1,736.1	741.0	504.8	443.7	61.09	8.263	
5,900.0	5,479.0	5,772.0	5,314.7	34.8	39.3	-61.04	-1,780.4	760.6	513.6	450.3	63.28	8.117	
6,000.0	5,565.4	5,871.2	5,401.4	35.8	40.3	-61.97	-1,824.6	780.2	522.6	457.1	65.47	7.983	
6,100.0	5,651.8	5,970.5	5,488.0	36.7	41.3	-62.86	-1,868.9	799.7	531.7	464.1	67.66	7.859	
6,200.0	5,738.2	6,069.7	5,574.7	37.7	42.3	-63.72	-1,913.1	819.3	541.0	471.1	69.85	7.744	
6,300.0	5,824.6	6,169.0	5,661.3	38.7	43.3	-64.55	-1,957.4	838.9	550.3	478.3	72.04	7.639	
6,400.0	5,911.0	6,268.2	5,748.0	39.7	44.3	-65.36	-2,001.6	858.4	559.8	485.5	74.23	7.541	
6,500.0	5,997.4	6,367.5	5,834.6	40.7	45.3	-66.14	-2,045.9	878.0	569.4	492.9	76.42	7.450	
6,600.0	6,083.8	6,471.8	5,926.2	41.7	46.2	-67.05	-2,091.3	898.7	578.9	500.2	78.65	7.360	
6,680.2	6,153.1	6,559.9	6,007.2	42.5	46.7	-68.72	-2,120.8	916.9	585.5	504.7	80.77	7.249	
6,700.0	6,170.3	6,581.0	6,027.1	42.7	46.9	-68.82	-2,126.3	921.4	587.0	505.7	81.33	7.218	
6,750.0	6,215.0	6,633.6	6,077.2	43.0	47.1	-68.75	-2,137.5	932.6	591.3	508.7	82.64	7.155	
6,800.0	6,261.1	6,685.3	6,127.1	43.3	47.3	-68.04	-2,144.7	943.8	596.0	512.2	83.85	7.109	
6,850.0	6,308.3	6,735.9	6,176.4	43.5	47.4	-66.22	-2,148.2	954.8	601.2	516.2	84.94	7.078	
6,900.0	6,356.6	6,785.7	6,224.9	43.7	47.5	-62.40	-2,148.2	965.7	606.7	520.8	85.90	7.063	
6,950.0	6,405.6	6,834.6	6,272.5	43.9	47.5	-54.48	-2,144.8	976.3	612.5	525.8	86.72	7.063	
7,000.0	6,455.0	6,882.7	6,319.0	44.0	47.5	-37.31	-2,138.3	986.6	618.7	531.3	87.40	7.079	
7,050.0	6,504.8	6,930.0	6,364.3	44.0	47.5	-3.59	-2,128.7	996.7	625.1	537.2	87.91	7.111	
7,100.0	6,554.5	6,976.6	6,408.2	44.1	47.4	31.52	-2,116.3	1,006.5	631.7	543.5	88.27	7.157	
7,150.0	6,604.0	7,022.6	6,450.6	44.0	47.3	50.11	-2,101.2	1,015.9	638.5	550.1	88.45	7.219	
7,200.0	6,653.0	7,068.0	6,491.4	44.0	47.2	58.79	-2,083.6	1,024.9	645.4	556.9	88.47	7.295	
7,250.0	6,701.3	7,112.9	6,530.7	43.8	47.0	63.14	-2,063.7	1,033.6	652.3	564.0	88.33	7.386	
7,300.0	6,748.7	7,157.2	6,568.2	43.7	46.8	65.42	-2,041.5	1,041.9	659.3	571.3	88.01	7.491	
7,350.0	6,794.9	7,200.0	6,603.0	43.5	46.6	66.63	-2,018.0	1,049.5	666.1	578.6	87.55	7.609	
7,400.0	6,839.7	7,244.5	6,637.8	43.2	46.4	67.17	-1,991.2	1,057.2	672.9	586.0	86.92	7.742	
7,450.0	6,882.9	7,287.6	6,669.8	43.0	46.1	67.36	-1,963.3	1,064.2	679.5	593.4	86.15	7.887	
7,500.0	6,924.2	7,330.3	6,699.8	42.7	45.8	67.31	-1,933.7	1,070.8	685.9	600.6	85.26	8.045	
7,550.0	6,963.5	7,372.6	6,727.9	42.3	45.6	67.11	-1,902.6	1,076.9	692.0	607.8	84.26	8.214	
7,600.0	7,000.6	7,414.7	6,753.9	42.0	45.3	66.84	-1,870.1	1,082.6	697.9	614.7	83.15	8.393	
7,650.0	7,035.3	7,456.5	6,777.9	41.6	45.0	66.51	-1,836.2	1,087.8	703.4	621.4	81.97	8.581	
7,700.0	7,067.4	7,500.0	6,800.8	41.2	44.6	66.15	-1,799.6	1,092.7	708.5	627.8	80.72	8.778	
7,750.0	7,096.8	7,539.4	6,819.7	40.8	44.3	65.82	-1,765.2	1,096.8	713.2	633.8	79.45	8.977	
7,800.0	7,123.3	7,580.6	6,837.3	40.3	44.0	65.49	-1,728.2	1,100.6	717.5	639.4	78.15	9.182	
7,850.0	7,146.8	7,621.6	6,852.8	39.9	43.7	65.18	-1,690.4	1,103.8	721.3	644.5	76.84	9.387	
7,900.0	7,167.2	7,662.4	6,866.2	39.4	43.3	64.90	-1,651.9	1,106.7	724.7	649.1	75.56	9.591	
7,950.0	7,184.4	7,700.0	6,876.5	39.0	43.1	64.67	-1,615.8	1,108.8	727.5	653.2	74.33	9.787	
8,000.0	7,198.3	7,743.8	6,886.2	38.5	42.7	64.46	-1,573.1	1,110.8	729.8	656.6	73.10	9.983	
8,050.0	7,208.8	7,784.4	6,893.0	38.1	42.4	64.31	-1,533.1	1,112.1	731.5	659.5	71.97	10.164	
8,100.0	7,215.8	7,825.0	6,897.4	37.7	42.1	64.20	-1,492.9	1,112.9	732.7	661.8	70.91	10.332	
8,150.0	7,219.5	7,865.5	6,899.7	37.3	41.8	64.14	-1,452.5	1,113.2	733.3	663.4	69.94	10.484	
8,177.3	7,220.0	7,887.9	6,900.0	37.0	41.6	64.13	-1,430.0	1,113.2	733.4	663.9	69.45	10.560	
8,200.0	7,220.0	7,910.6	6,900.0	36.9	41.4	64.13	-1,407.3	1,113.1	733.4	664.2	69.21	10.597	
8,300.0	7,220.0	8,010.6	6,900.0	36.1	40.7	64.13	-1,307.3	1,112.6	733.4	665.2	68.20	10.754	
8,400.0	7,220.0	8,110.6	6,900.0	35.4	40.0	64.13	-1,207.3	1,112.2	733.4	666.1	67.36	10.888	
8,500.0	7,220.0	8,210.6	6,900.0	34.9	39.3	64.13	-1,107.3	1,111.7	733.4	666.7	66.70	10.996	

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-2NHZ - 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
8,600.0	7,220.0	8,310.6	6,900.0	34.4	38.7	64.13	-1,007.3	1,111.3	733.4	667.2	66.22	11.077	
8,700.0	7,220.0	8,410.6	6,900.0	34.0	38.2	64.13	-907.3	1,110.8	733.5	667.5	65.92	11.127	
8,800.0	7,220.0	8,510.6	6,900.0	33.7	37.8	64.13	-807.3	1,110.3	733.5	667.7	65.81	11.146	
8,900.0	7,220.0	8,610.6	6,900.0	33.5	37.4	64.13	-707.3	1,109.9	733.5	667.6	65.88	11.133	
9,000.0	7,220.0	8,710.6	6,900.0	33.4	37.1	64.13	-607.3	1,109.4	733.5	667.3	66.15	11.089	
9,100.0	7,220.0	8,810.6	6,900.0	33.5	36.9	64.13	-507.3	1,109.0	733.5	666.9	66.60	11.014	
9,200.0	7,220.0	8,910.6	6,900.0	33.6	36.8	64.13	-407.3	1,108.5	733.5	666.3	67.23	10.911	
9,300.0	7,220.0	9,010.6	6,900.0	33.9	36.8	64.14	-307.3	1,108.0	733.5	665.5	68.03	10.782	
9,400.0	7,220.0	9,110.6	6,900.0	34.3	36.9	64.14	-207.3	1,107.6	733.5	664.5	69.01	10.629	
9,500.0	7,220.0	9,210.6	6,900.0	34.8	37.2	64.14	-107.3	1,107.1	733.5	663.4	70.15	10.456	
9,600.0	7,220.0	9,310.6	6,900.0	35.4	37.6	64.14	-7.3	1,106.7	733.6	662.1	71.45	10.267	
9,700.0	7,220.0	9,410.6	6,900.0	36.1	38.1	64.14	92.7	1,106.2	733.6	660.7	72.89	10.064	
9,800.0	7,220.0	9,510.6	6,900.0	36.9	38.8	64.14	192.7	1,105.8	733.6	659.1	74.48	9.850	
9,900.0	7,220.0	9,610.6	6,900.0	37.8	39.6	64.14	292.7	1,105.3	733.6	657.4	76.19	9.629	
10,000.0	7,220.0	9,710.6	6,900.0	38.7	40.5	64.14	392.7	1,104.8	733.6	655.6	78.02	9.403	
10,053.7	7,220.0	9,764.3	6,900.0	39.3	41.1	64.14	446.4	1,104.6	733.6	654.6	79.05	9.280	
10,100.0	7,220.0	9,832.6	6,900.0	39.7	41.6	64.13	514.6	1,103.2	733.5	653.7	79.80	9.192	
10,200.0	7,220.0	9,976.2	6,900.0	40.3	42.9	64.05	657.8	1,092.5	731.5	650.5	81.09	9.021	
10,243.6	7,220.0	10,019.8	6,900.0	40.7	43.4	64.04	701.2	1,087.9	731.1	649.5	81.58	8.962	
10,246.2	7,220.0	10,022.4	6,900.0	40.7	43.4	64.04	703.7	1,087.7	731.1	649.5	81.61	8.959	
10,300.0	7,220.0	10,076.2	6,900.0	41.3	44.1	64.05	757.3	1,082.1	731.2	648.4	82.73	8.838	
10,400.0	7,220.0	10,176.2	6,900.0	42.5	45.5	64.05	856.8	1,071.7	731.3	646.2	85.05	8.598	
10,500.0	7,220.0	10,276.2	6,900.0	43.9	46.8	64.05	956.2	1,061.3	731.4	643.9	87.46	8.362	
10,600.0	7,220.0	10,376.2	6,900.0	45.2	48.2	64.06	1,055.7	1,050.9	731.5	641.6	89.96	8.132	
10,700.0	7,220.0	10,476.2	6,900.0	46.6	49.7	64.06	1,155.1	1,040.5	731.6	639.1	92.52	7.908	
10,800.0	7,220.0	10,576.2	6,900.0	48.1	51.2	64.07	1,254.6	1,030.1	731.8	636.6	95.15	7.691	
10,900.0	7,220.0	10,676.2	6,900.0	49.6	52.7	64.07	1,354.0	1,019.7	731.9	634.0	97.85	7.480	
11,000.0	7,220.0	10,776.2	6,900.0	51.1	54.2	64.08	1,453.5	1,009.3	732.0	631.4	100.60	7.277	
11,100.0	7,220.0	10,876.2	6,900.0	52.6	55.8	64.08	1,553.0	998.9	732.1	628.7	103.40	7.080	
11,200.0	7,220.0	10,976.2	6,900.0	54.2	57.4	64.09	1,652.4	988.5	732.3	626.0	106.25	6.892	
11,300.0	7,220.0	11,076.2	6,900.0	55.8	59.0	64.09	1,751.9	978.1	732.4	623.2	109.15	6.710	
11,400.0	7,220.0	11,176.2	6,900.0	57.4	60.6	64.10	1,851.3	967.7	732.5	620.4	112.09	6.535	
11,500.0	7,220.0	11,276.2	6,900.0	59.1	62.3	64.10	1,950.8	957.3	732.6	617.6	115.06	6.367	
11,600.0	7,220.0	11,376.2	6,900.0	60.7	63.9	64.11	2,050.2	946.9	732.7	614.7	118.07	6.206	
11,700.0	7,220.0	11,476.2	6,900.0	62.4	65.6	64.11	2,149.7	936.5	732.9	611.7	121.12	6.051	
11,800.0	7,220.0	11,576.2	6,900.0	64.1	67.3	64.11	2,249.2	926.1	733.0	608.8	124.19	5.902	
11,839.1	7,220.0	11,615.3	6,900.0	64.7	67.9	64.12	2,288.0	922.1	733.0	607.6	125.40	5.846	
11,900.0	7,220.0	11,639.7	6,900.0	65.8	68.4	64.12	2,312.3	919.6	734.0	607.3	126.72	5.792	
11,934.2	7,220.0	11,639.7	6,900.0	66.4	68.4	64.12	2,312.3	919.6	736.5	609.3	127.26	5.788 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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
0.0	0.0	0.0	0.0	0.0	0.0	179.90	-159.9	0.3	159.9				
100.0	100.0	100.0	100.0	0.1	0.1	179.90	-159.9	0.3	159.9	159.7	0.22	711.547	
200.0	200.0	200.0	200.0	0.3	0.3	179.90	-159.9	0.3	159.9	159.3	0.67	237.182 CC, ES	
300.0	300.0	296.1	296.1	0.6	0.5	179.50	-161.1	1.4	161.1	160.0	1.10	146.834	
400.0	400.0	392.0	391.9	0.8	0.7	178.33	-164.5	4.8	164.8	163.3	1.53	107.963	
500.0	500.0	487.5	487.0	1.0	1.0	176.51	-170.2	10.4	171.0	169.1	1.98	86.494	
600.0	600.0	582.4	581.2	1.2	1.2	174.19	-178.1	18.1	180.0	177.6	2.45	73.481	
700.0	700.0	676.4	674.2	1.5	1.5	171.55	-188.1	27.9	192.0	189.0	2.94	65.255	
800.0	800.0	769.3	765.6	1.7	1.9	168.77	-200.2	39.8	207.0	203.5	3.45	60.010	
900.0	900.0	861.1	855.3	1.9	2.3	165.99	-214.2	53.5	225.2	221.2	3.97	56.751	
1,000.0	1,000.0	951.6	943.0	2.1	2.7	163.32	-229.9	68.9	246.7	242.2	4.50	54.875	
1,100.0	1,100.0	1,040.5	1,028.5	2.4	3.2	160.83	-247.3	86.0	271.4	266.4	5.03	53.992	
1,200.0	1,200.0	1,127.7	1,111.6	2.6	3.8	158.56	-266.3	104.5	299.4	293.8	5.56	53.835	
1,300.0	1,300.0	1,213.3	1,192.3	2.8	4.3	156.53	-286.6	124.4	330.5	324.4	6.10	54.216	
1,400.0	1,400.0	1,300.0	1,273.2	3.0	4.9	154.65	-308.9	146.3	364.6	357.9	6.64	54.905	
1,500.0	1,500.0	1,378.7	1,345.8	3.3	5.6	153.11	-330.7	167.7	401.5	394.4	7.17	56.038	
1,600.0	1,600.0	1,458.5	1,418.4	3.5	6.2	151.70	-354.2	190.7	441.3	433.6	7.70	57.320	
1,700.0	1,700.0	1,537.9	1,489.8	3.7	6.9	150.43	-379.0	215.0	483.8	475.5	8.24	58.734	
1,800.0	1,800.0	1,627.4	1,569.8	3.9	7.8	149.19	-407.5	243.0	527.3	518.5	8.80	59.898	
1,900.0	1,900.0	1,717.5	1,650.5	4.1	8.6	-21.83	-436.2	271.2	569.6	560.7	8.86	64.321	
2,000.0	1,999.8	1,808.7	1,732.1	4.3	9.5	-22.60	-465.3	299.7	609.1	599.7	9.34	65.209	
2,100.0	2,099.5	1,901.1	1,814.7	4.5	10.3	-23.40	-494.8	328.6	645.8	635.9	9.83	65.690	
2,200.0	2,198.7	1,994.3	1,898.2	4.7	11.2	-24.21	-524.5	357.8	679.7	669.4	10.33	65.823	
2,300.0	2,297.5	2,088.4	1,982.4	4.9	12.1	-25.07	-554.5	387.2	710.8	700.0	10.83	65.654	
2,400.0	2,395.6	2,183.3	2,067.2	5.1	13.0	-25.97	-584.8	416.8	739.2	727.9	11.34	65.209	
2,500.0	2,493.1	2,278.7	2,152.6	5.4	13.9	-26.92	-615.2	446.7	764.9	753.0	11.86	64.502	
2,600.0	2,589.6	2,374.6	2,238.5	5.8	14.8	-27.93	-645.8	476.7	787.8	775.4	12.40	63.537	
2,700.0	2,685.3	2,470.9	2,324.6	6.2	15.7	-29.00	-676.5	506.8	808.2	795.2	12.97	62.312	
2,800.0	2,779.8	2,567.5	2,411.0	6.6	16.6	-30.16	-707.3	537.0	825.9	812.3	13.58	60.823	
2,900.0	2,873.2	2,664.2	2,497.5	7.1	17.5	-31.39	-738.1	567.2	841.2	826.9	14.24	59.064	
3,000.0	2,965.2	2,760.9	2,584.0	7.7	18.5	-32.71	-769.0	597.4	854.0	839.0	14.97	57.033	
3,100.0	3,055.8	2,857.5	2,670.5	8.4	19.4	-34.13	-799.8	627.6	864.5	848.7	15.79	54.737	
3,200.0	3,144.9	2,953.9	2,756.7	9.1	20.3	-35.65	-830.5	657.8	872.8	856.1	16.72	52.196	
3,300.0	3,232.4	3,049.9	2,842.7	9.9	21.2	-37.29	-861.1	687.8	879.1	861.3	17.78	49.441	
3,311.2	3,242.1	3,060.7	2,852.3	10.0	21.3	-37.48	-864.6	691.2	879.7	861.8	17.91	49.120	
3,400.0	3,318.8	3,145.7	2,928.4	10.8	22.1	-39.04	-891.7	717.8	884.6	865.6	18.99	46.592	
3,500.0	3,405.2	3,241.5	3,014.1	11.7	23.1	-40.77	-922.2	747.7	890.9	870.6	20.28	43.921	
3,600.0	3,491.6	3,337.3	3,099.8	12.5	24.0	-42.48	-952.8	777.7	898.2	876.5	21.67	41.446	
3,700.0	3,578.0	3,433.1	3,185.5	13.5	24.9	-44.17	-983.3	807.6	906.2	883.1	23.14	39.167	
3,800.0	3,664.4	3,528.9	3,271.3	14.4	25.8	-45.83	-1,013.9	837.6	915.1	890.4	24.68	37.079	
3,900.0	3,750.8	3,624.7	3,357.0	15.3	26.7	-47.45	-1,044.4	867.5	924.8	898.5	26.29	35.172	
4,000.0	3,837.2	3,720.5	3,442.7	16.3	27.6	-49.04	-1,075.0	897.5	935.3	907.3	27.97	33.436	
4,100.0	3,923.7	3,816.3	3,528.4	17.2	28.5	-50.60	-1,105.5	927.5	946.5	916.8	29.71	31.859	
4,200.0	4,010.1	3,912.1	3,614.1	18.2	29.5	-52.13	-1,136.1	957.4	958.5	927.0	31.50	30.428	
4,300.0	4,096.5	4,007.9	3,699.8	19.1	30.4	-53.61	-1,166.6	987.4	971.2	937.8	33.34	29.130	
4,400.0	4,182.9	4,103.7	3,785.5	20.1	31.3	-55.07	-1,197.2	1,017.3	984.5	949.3	35.22	27.954	
4,500.0	4,269.3	4,199.5	3,871.3	21.0	32.2	-56.48	-1,227.7	1,047.3	998.5	961.3	37.14	26.887 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 11-2CHZ
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 11-2CHZ	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 (11-06-14)	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:	0.0 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	-139.9	0.0	139.9					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-139.9	0.0	139.9	139.7	0.22	622.400		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-139.9	0.0	139.9	139.2	0.67	207.467		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-139.9	0.0	139.9	138.8	1.12	124.480		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-139.9	0.0	139.9	138.3	1.57	88.914 CC, ES		
500.0	500.0	496.4	496.4	1.0	1.0	179.57	-141.1	1.1	141.2	139.2	1.99	70.811		
600.0	600.0	592.6	592.4	1.2	1.2	178.33	-144.8	4.2	145.1	142.7	2.41	60.199		
700.0	700.0	688.3	687.8	1.5	1.4	176.42	-150.9	9.4	151.7	148.8	2.84	53.333		
800.0	800.0	783.4	782.3	1.7	1.6	174.02	-159.3	16.7	161.2	157.9	3.30	48.882		
900.0	900.0	877.7	875.5	1.9	1.9	171.34	-170.0	25.9	173.7	170.0	3.77	46.109		
1,000.0	1,000.0	970.9	967.1	2.1	2.2	168.58	-182.9	37.0	189.5	185.2	4.25	44.547		
1,100.0	1,100.0	1,062.9	1,057.0	2.4	2.6	165.88	-197.8	49.8	208.5	203.7	4.75	43.888		
1,200.0	1,200.0	1,153.6	1,144.9	2.6	3.0	163.34	-214.6	64.2	230.7	225.5	5.25	43.911		
1,300.0	1,300.0	1,242.7	1,230.6	2.8	3.5	161.02	-233.2	80.2	256.2	250.4	5.76	44.452		
1,400.0	1,400.0	1,330.2	1,313.9	3.0	4.0	158.94	-253.4	97.6	284.9	278.6	6.28	45.389		
1,500.0	1,500.0	1,415.9	1,394.7	3.3	4.6	157.10	-275.1	116.2	316.6	309.8	6.79	46.629		
1,600.0	1,600.0	1,500.0	1,473.2	3.5	5.2	155.48	-298.1	136.0	351.3	344.0	7.31	48.094		
1,700.0	1,700.0	1,581.7	1,548.4	3.7	5.8	154.07	-322.1	156.6	388.9	381.1	7.82	49.711		
1,800.0	1,800.0	1,661.6	1,621.2	3.9	6.4	152.84	-347.2	178.1	429.2	420.9	8.34	51.459		
1,900.0	1,900.0	1,740.0	1,691.7	4.1	7.1	-18.26	-373.3	200.6	470.7	462.2	8.50	55.376		
2,000.0	1,999.8	1,821.5	1,763.9	4.3	7.9	-19.15	-401.8	225.1	511.7	502.7	8.95	57.179		
2,100.0	2,099.5	1,913.0	1,844.8	4.5	8.8	-20.13	-434.3	253.0	550.4	541.0	9.42	58.434		
2,200.0	2,198.7	2,005.6	1,926.7	4.7	9.7	-21.08	-467.2	281.3	586.4	576.5	9.90	59.227		
2,300.0	2,297.5	2,099.2	2,009.4	4.9	10.6	-22.04	-500.4	309.8	619.5	609.1	10.39	59.617		
2,400.0	2,395.6	2,193.6	2,092.8	5.1	11.5	-23.01	-533.9	338.6	649.8	638.9	10.89	59.646		
2,500.0	2,493.1	2,288.7	2,176.9	5.4	12.4	-24.01	-567.7	367.6	677.3	665.9	11.41	59.348		
2,600.0	2,589.6	2,384.5	2,261.5	5.8	13.3	-25.05	-601.7	396.8	702.1	690.1	11.95	58.740		
2,700.0	2,685.3	2,480.7	2,346.5	6.2	14.3	-26.14	-635.8	426.2	724.1	711.6	12.52	57.833		
2,800.0	2,779.8	2,577.4	2,431.9	6.6	15.2	-27.30	-670.1	455.7	743.4	730.3	13.13	56.633		
2,900.0	2,873.2	2,674.3	2,517.6	7.1	16.2	-28.53	-704.5	485.2	760.1	746.3	13.78	55.143		
3,000.0	2,965.2	2,771.3	2,603.3	7.7	17.2	-29.84	-738.9	514.8	774.2	759.7	14.51	53.369		
3,100.0	3,055.8	2,868.3	2,689.1	8.4	18.1	-31.24	-773.4	544.4	785.8	770.5	15.31	51.320		
3,200.0	3,144.9	2,965.3	2,774.8	9.1	19.1	-32.74	-807.8	574.0	795.1	778.9	16.22	49.016		
3,300.0	3,232.4	3,062.1	2,860.3	9.9	20.0	-34.36	-842.1	603.5	802.2	784.9	17.26	46.487		
3,311.2	3,242.1	3,072.9	2,869.9	10.0	20.2	-34.55	-846.0	606.8	802.9	785.5	17.38	46.191		
3,400.0	3,318.8	3,158.6	2,945.6	10.8	21.0	-36.09	-876.4	632.9	808.3	789.8	18.44	43.824		
3,500.0	3,405.2	3,255.2	3,031.0	11.7	22.0	-37.81	-910.7	662.4	815.1	795.4	19.72	41.324		
3,600.0	3,491.6	3,351.8	3,116.3	12.5	22.9	-39.49	-945.0	691.8	822.7	801.6	21.09	39.005		
3,700.0	3,578.0	3,448.4	3,201.7	13.5	23.9	-41.15	-979.2	721.3	831.1	808.5	22.54	36.868		
3,800.0	3,664.4	3,544.9	3,287.0	14.4	24.8	-42.77	-1,013.5	750.8	840.1	816.1	24.07	34.908		
3,900.0	3,750.8	3,641.5	3,372.4	15.3	25.8	-44.36	-1,047.8	780.2	849.9	824.2	25.66	33.117		
4,000.0	3,837.2	3,738.1	3,457.7	16.3	26.8	-45.92	-1,082.1	809.7	860.3	833.0	27.32	31.484		
4,100.0	3,923.7	3,834.6	3,543.1	17.2	27.7	-47.44	-1,116.3	839.1	871.4	842.3	29.05	30.000		
4,200.0	4,010.1	3,931.2	3,628.4	18.2	28.7	-48.92	-1,150.6	868.6	883.1	852.3	30.82	28.652		
4,300.0	4,096.5	4,027.8	3,713.8	19.1	29.6	-50.36	-1,184.9	898.0	895.4	862.8	32.65	27.427		
4,400.0	4,182.9	4,124.4	3,799.1	20.1	30.6	-51.77	-1,219.2	927.5	908.3	873.8	34.52	26.315		
4,500.0	4,269.3	4,220.9	3,884.4	21.0	31.6	-53.14	-1,253.4	956.9	921.7	885.3	36.42	25.306		
4,600.0	4,355.7	4,317.5	3,969.8	22.0	32.5	-54.47	-1,287.7	986.4	935.7	897.3	38.37	24.389		
4,700.0	4,442.1	4,414.1	4,055.1	23.0	33.5	-55.76	-1,322.0	1,015.8	950.1	909.8	40.34	23.554		
4,800.0	4,528.5	4,510.7	4,140.5	24.0	34.5	-57.01	-1,356.3	1,045.3	965.1	922.7	42.34	22.795		
4,900.0	4,614.9	4,607.2	4,225.8	24.9	35.4	-58.23	-1,390.5	1,074.8	980.5	936.1	44.36	22.103		
5,000.0	4,701.3	4,703.8	4,311.2	25.9	36.4	-59.41	-1,424.8	1,104.2	996.3	949.9	46.40	21.472 SF		

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 11-2CHZ
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 11-2CHZ	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 (11-06-14)	Offset TVD Reference:	Offset Datum

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

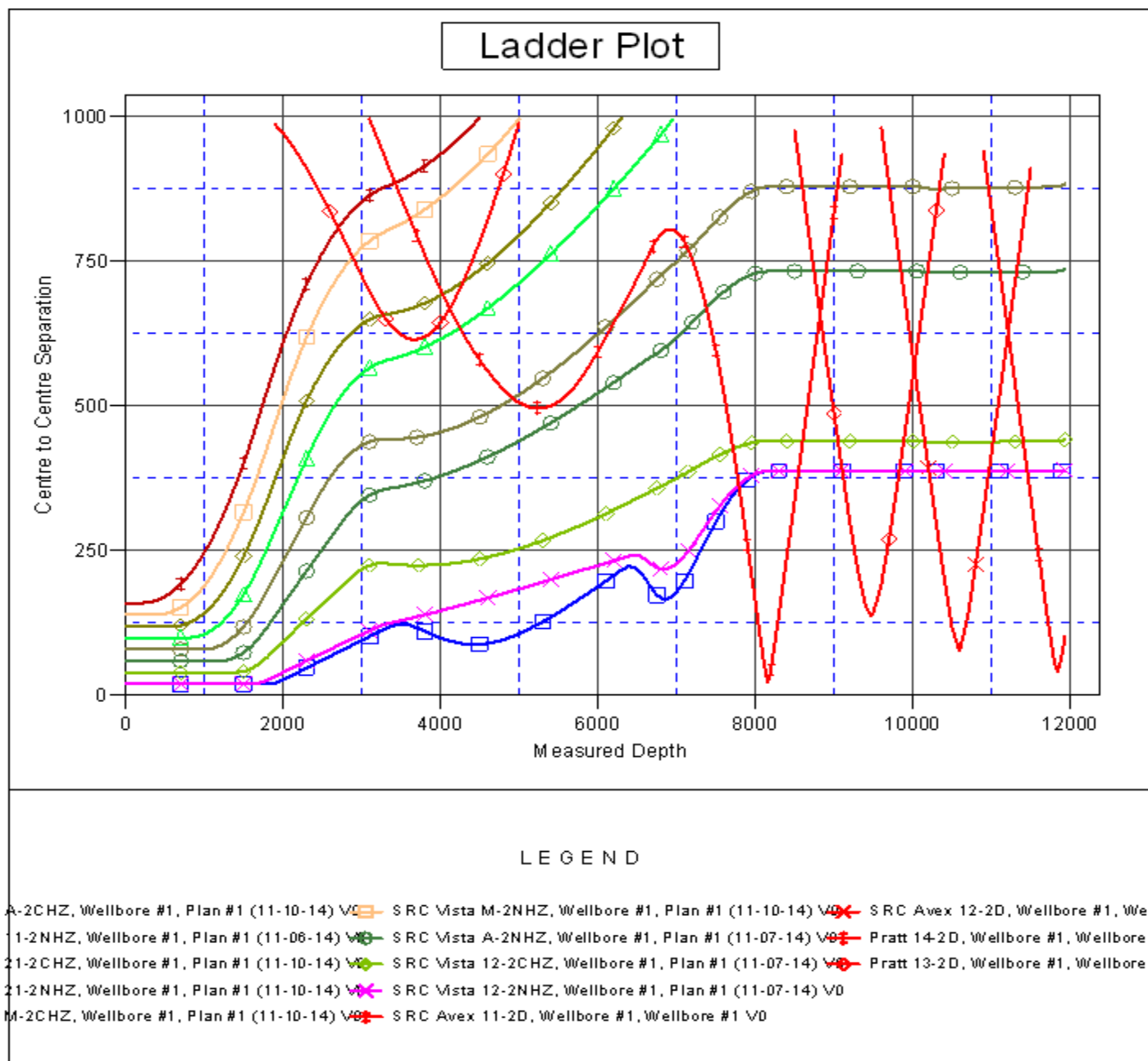
Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: SRC Vista 11-2CHZ

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.34°



Reference Depths are relative to WELL @ 5013.0ft (RKB - 13')	Coordinates are relative to: SRC Vista 11-2CHZ
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000 °	Grid Convergence at Surface is: 0.34°

