

Synergy Resources

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

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

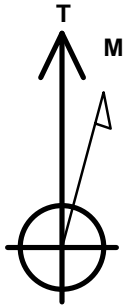
Ground Elevation: 5000.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1367556.82	3145255.45	40.341173	-104.978905	

Original Well Elev WELL @ 5013.0ft (Original Well Elev)

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2063'FSL, 254'FWL	1.0	0.0	0.0	Point
BHL 460'FNL, 2240'FWL	6900.0	2449.3	1804.3	Point
Turn Pt. (M-2NHZ)	6900.0	601.2	1984.5	Point



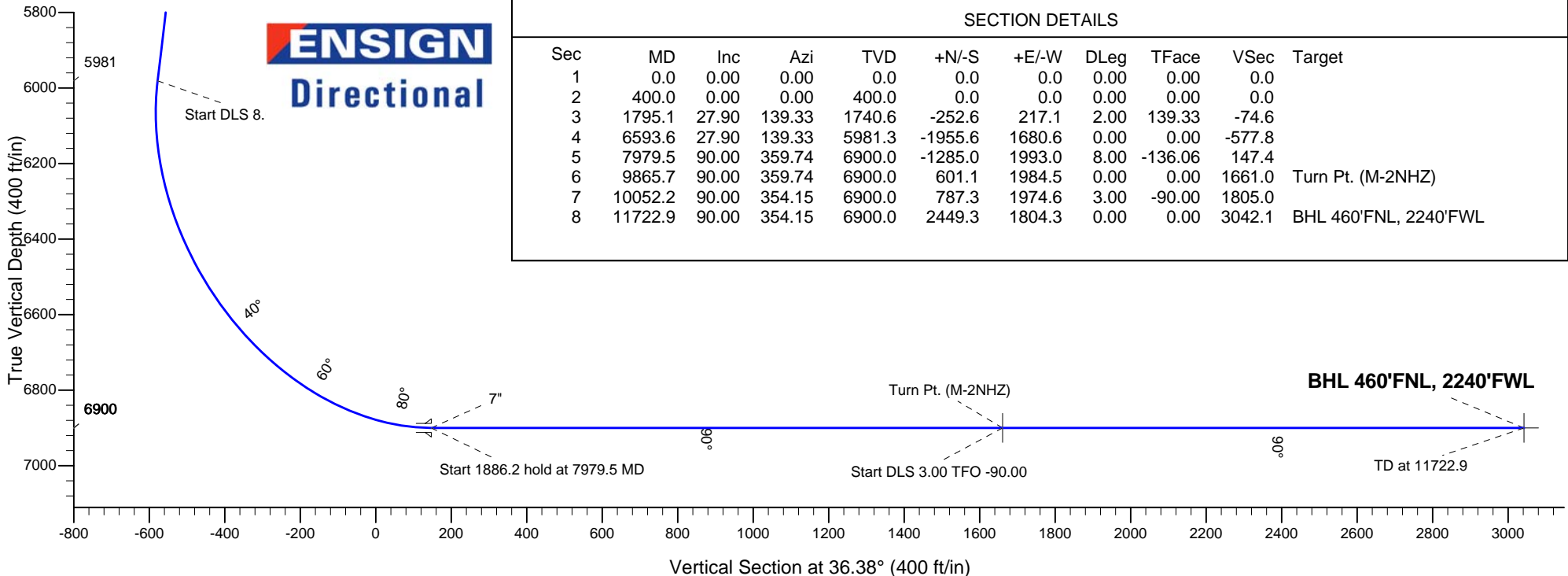
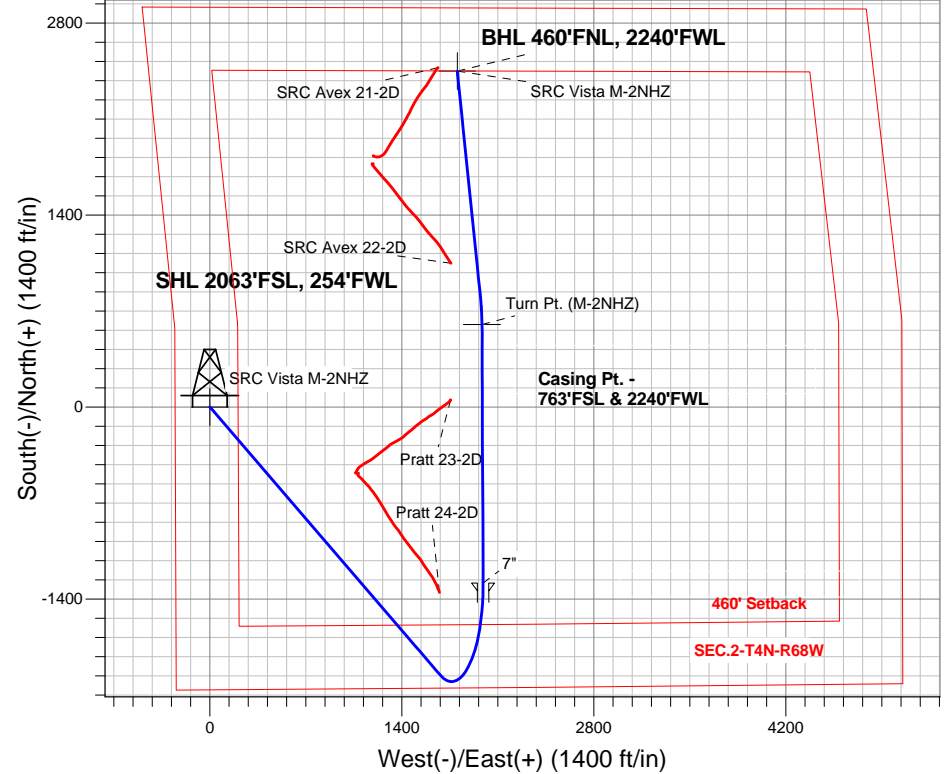
Azimuths to True North
Magnetic North: 8.51°

Magnetic Field
Strength: 52717.5snT
Dip Angle: 66.85°
Date: 11/11/2014
Model: IGRF2010

SRC Vista (N/S) Pad Sec.2-T4N-R68W
SRC Vista M-2NHZ
Plan #1 (11-10-14)
11:34, November 11 2014

ANNOTATIONS

TVD	MD	Annotation
400.0	400.0	KOP - Start Build 2.00
5981.3	6593.6	Start DLS 8.00 TFO -136.06
6900.0	7979.5	Start 1886.2 hold at 7979.5 MD
6900.0	9865.7	Start DLS 3.00 TFO -90.00
6900.0	10052.2	Start 1670.7 hold at 10052.2 MD
6900.0	11722.9	TD at 11722.9





Synergy Resources

SEC.2-T4N-R68W

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

SRC Vista M-2NHZ

Wellbore #1

Plan: Plan #1 (11-10-14)

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,795.1	27.90	139.33	1,740.6	-252.6	217.1	2.00	2.00	0.00	139.33	
6,593.6	27.90	139.33	5,981.3	-1,955.6	1,680.6	0.00	0.00	0.00	0.00	
7,979.5	90.00	359.74	6,900.0	-1,285.0	1,993.0	8.00	4.48	-10.07	-136.06	
9,865.7	90.00	359.74	6,900.0	601.1	1,984.5	0.00	0.00	0.00	0.00	Turn Pt. (M-2NHZ)
10,052.2	90.00	354.15	6,900.0	787.3	1,974.6	3.00	0.00	-3.00	-90.00	
11,722.9	90.00	354.15	6,900.0	2,449.3	1,804.3	0.00	0.00	0.00	0.00	BHL 460'FNL, 2240

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-10-14)		

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 2063'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
KOP - Start Build 2.00									
500.0	2.00	139.33	500.0	-1.3	1.1	-0.4	2.00	2.00	0.00
600.0	4.00	139.33	599.8	-5.3	4.5	-1.6	2.00	2.00	0.00
700.0	6.00	139.33	699.5	-11.9	10.2	-3.5	2.00	2.00	0.00
800.0	8.00	139.33	798.7	-21.1	18.2	-6.2	2.00	2.00	0.00
900.0	10.00	139.33	897.5	-33.0	28.4	-9.8	2.00	2.00	0.00
1,000.0	12.00	139.33	995.6	-47.5	40.8	-14.0	2.00	2.00	0.00
1,100.0	14.00	139.33	1,093.1	-64.5	55.5	-19.1	2.00	2.00	0.00
1,200.0	16.00	139.33	1,189.6	-84.2	72.3	-24.9	2.00	2.00	0.00
1,300.0	18.00	139.33	1,285.3	-106.3	91.4	-31.4	2.00	2.00	0.00
1,400.0	20.00	139.33	1,379.8	-131.0	112.6	-38.7	2.00	2.00	0.00
1,500.0	22.00	139.33	1,473.2	-158.2	136.0	-46.7	2.00	2.00	0.00
1,600.0	24.00	139.33	1,565.2	-187.8	161.4	-55.5	2.00	2.00	0.00
1,700.0	26.00	139.33	1,655.8	-219.9	189.0	-65.0	2.00	2.00	0.00
1,795.1	27.90	139.33	1,740.6	-252.6	217.1	-74.6	2.00	2.00	0.00
1,800.0	27.90	139.33	1,744.9	-254.3	218.6	-75.1	0.00	0.00	0.00
1,900.0	27.90	139.33	1,833.3	-289.8	249.1	-85.6	0.00	0.00	0.00
2,000.0	27.90	139.33	1,921.7	-325.3	279.6	-96.1	0.00	0.00	0.00
2,100.0	27.90	139.33	2,010.1	-360.8	310.1	-106.6	0.00	0.00	0.00
2,200.0	27.90	139.33	2,098.4	-396.3	340.6	-117.1	0.00	0.00	0.00
2,300.0	27.90	139.33	2,186.8	-431.8	371.1	-127.6	0.00	0.00	0.00
2,400.0	27.90	139.33	2,275.2	-467.3	401.6	-138.1	0.00	0.00	0.00
2,500.0	27.90	139.33	2,363.6	-502.8	432.1	-148.5	0.00	0.00	0.00
2,600.0	27.90	139.33	2,451.9	-538.2	462.6	-159.0	0.00	0.00	0.00
2,700.0	27.90	139.33	2,540.3	-573.7	493.1	-169.5	0.00	0.00	0.00
2,800.0	27.90	139.33	2,628.7	-609.2	523.6	-180.0	0.00	0.00	0.00
2,900.0	27.90	139.33	2,717.1	-644.7	554.1	-190.5	0.00	0.00	0.00
3,000.0	27.90	139.33	2,805.4	-680.2	584.6	-201.0	0.00	0.00	0.00
3,100.0	27.90	139.33	2,893.8	-715.7	615.1	-211.5	0.00	0.00	0.00
3,200.0	27.90	139.33	2,982.2	-751.2	645.6	-221.9	0.00	0.00	0.00
3,300.0	27.90	139.33	3,070.6	-786.7	676.1	-232.4	0.00	0.00	0.00
3,400.0	27.90	139.33	3,158.9	-822.2	706.6	-242.9	0.00	0.00	0.00
3,500.0	27.90	139.33	3,247.3	-857.7	737.1	-253.4	0.00	0.00	0.00
3,600.0	27.90	139.33	3,335.7	-893.2	767.6	-263.9	0.00	0.00	0.00
3,700.0	27.90	139.33	3,424.1	-928.6	798.1	-274.4	0.00	0.00	0.00
3,800.0	27.90	139.33	3,512.4	-964.1	828.6	-284.9	0.00	0.00	0.00
3,900.0	27.90	139.33	3,600.8	-999.6	859.1	-295.3	0.00	0.00	0.00
4,000.0	27.90	139.33	3,689.2	-1,035.1	889.6	-305.8	0.00	0.00	0.00
4,100.0	27.90	139.33	3,777.6	-1,070.6	920.1	-316.3	0.00	0.00	0.00
4,200.0	27.90	139.33	3,865.9	-1,106.1	950.6	-326.8	0.00	0.00	0.00
4,300.0	27.90	139.33	3,954.3	-1,141.6	981.1	-337.3	0.00	0.00	0.00
4,400.0	27.90	139.33	4,042.7	-1,177.1	1,011.6	-347.8	0.00	0.00	0.00
4,500.0	27.90	139.33	4,131.1	-1,212.6	1,042.1	-358.3	0.00	0.00	0.00
4,600.0	27.90	139.33	4,219.4	-1,248.1	1,072.6	-368.7	0.00	0.00	0.00
4,700.0	27.90	139.33	4,307.8	-1,283.6	1,103.1	-379.2	0.00	0.00	0.00
4,800.0	27.90	139.33	4,396.2	-1,319.0	1,133.5	-389.7	0.00	0.00	0.00
4,900.0	27.90	139.33	4,484.6	-1,354.5	1,164.0	-400.2	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-10-14)		

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	27.90	139.33	4,572.9	-1,390.0	1,194.5	-410.7	0.00	0.00	0.00
5,100.0	27.90	139.33	4,661.3	-1,425.5	1,225.0	-421.2	0.00	0.00	0.00
5,200.0	27.90	139.33	4,749.7	-1,461.0	1,255.5	-431.7	0.00	0.00	0.00
5,300.0	27.90	139.33	4,838.1	-1,496.5	1,286.0	-442.1	0.00	0.00	0.00
5,400.0	27.90	139.33	4,926.4	-1,532.0	1,316.5	-452.6	0.00	0.00	0.00
5,500.0	27.90	139.33	5,014.8	-1,567.5	1,347.0	-463.1	0.00	0.00	0.00
5,600.0	27.90	139.33	5,103.2	-1,603.0	1,377.5	-473.6	0.00	0.00	0.00
5,700.0	27.90	139.33	5,191.6	-1,638.5	1,408.0	-484.1	0.00	0.00	0.00
5,800.0	27.90	139.33	5,279.9	-1,674.0	1,438.5	-494.6	0.00	0.00	0.00
5,900.0	27.90	139.33	5,368.3	-1,709.4	1,469.0	-505.1	0.00	0.00	0.00
6,000.0	27.90	139.33	5,456.7	-1,744.9	1,499.5	-515.5	0.00	0.00	0.00
6,100.0	27.90	139.33	5,545.1	-1,780.4	1,530.0	-526.0	0.00	0.00	0.00
6,200.0	27.90	139.33	5,633.4	-1,815.9	1,560.5	-536.5	0.00	0.00	0.00
6,300.0	27.90	139.33	5,721.8	-1,851.4	1,591.0	-547.0	0.00	0.00	0.00
6,400.0	27.90	139.33	5,810.2	-1,886.9	1,621.5	-557.5	0.00	0.00	0.00
6,500.0	27.90	139.33	5,898.6	-1,922.4	1,652.0	-568.0	0.00	0.00	0.00
6,593.6	27.90	139.33	5,981.3	-1,955.6	1,680.6	-577.8	0.00	0.00	0.00
Start DLS 8.00 TFO -136.06									
6,600.0	27.53	138.56	5,987.0	-1,957.9	1,682.6	-578.4	8.02	-5.74	-12.03
6,700.0	22.50	123.75	6,077.6	-1,985.9	1,713.8	-582.4	8.00	-5.04	-14.80
6,800.0	19.42	102.95	6,171.1	-2,000.2	1,746.0	-574.9	8.00	-3.07	-20.80
6,900.0	19.28	78.65	6,265.6	-2,000.7	1,778.4	-556.1	8.00	-0.14	-24.30
7,000.0	22.13	57.35	6,359.3	-1,987.3	1,810.5	-526.2	8.00	2.84	-21.31
7,100.0	27.03	42.04	6,450.3	-1,960.2	1,841.6	-486.0	8.00	4.90	-15.31
7,200.0	33.08	31.54	6,536.9	-1,920.0	1,871.2	-436.1	8.00	6.06	-10.50
7,300.0	39.77	24.11	6,617.3	-1,867.5	1,898.6	-377.5	8.00	6.68	-7.44
7,400.0	46.81	18.55	6,690.1	-1,803.6	1,923.3	-311.5	8.00	7.04	-5.56
7,500.0	54.06	14.16	6,753.8	-1,729.7	1,944.8	-239.2	8.00	7.25	-4.39
7,600.0	61.44	10.51	6,807.1	-1,647.1	1,962.7	-162.1	8.00	7.38	-3.64
7,700.0	68.91	7.35	6,849.1	-1,557.5	1,976.7	-81.6	8.00	7.47	-3.16
7,800.0	76.43	4.49	6,878.8	-1,462.6	1,986.5	0.6	8.00	7.52	-2.86
7,900.0	83.99	1.82	6,895.8	-1,364.3	1,991.9	82.9	8.00	7.55	-2.68
7,979.5	90.00	359.74	6,900.0	-1,285.0	1,993.0	147.4	8.00	7.56	-2.61
Start 1886.2 hold at 7979.5 MD - 7"									
8,000.0	90.00	359.74	6,900.0	-1,264.5	1,992.9	163.9	0.00	0.00	0.00
8,100.0	90.00	359.74	6,900.0	-1,164.5	1,992.5	244.1	0.00	0.00	0.00
8,200.0	90.00	359.74	6,900.0	-1,064.5	1,992.0	324.4	0.00	0.00	0.00
8,300.0	90.00	359.74	6,900.0	-964.5	1,991.6	404.6	0.00	0.00	0.00
8,400.0	90.00	359.74	6,900.0	-864.5	1,991.1	484.9	0.00	0.00	0.00
8,500.0	90.00	359.74	6,900.0	-764.5	1,990.7	565.1	0.00	0.00	0.00
8,600.0	90.00	359.74	6,900.0	-664.5	1,990.2	645.4	0.00	0.00	0.00
8,700.0	90.00	359.74	6,900.0	-564.5	1,989.8	725.6	0.00	0.00	0.00
8,800.0	90.00	359.74	6,900.0	-464.5	1,989.3	805.9	0.00	0.00	0.00
8,900.0	90.00	359.74	6,900.0	-364.5	1,988.9	886.1	0.00	0.00	0.00
9,000.0	90.00	359.74	6,900.0	-264.5	1,988.4	966.4	0.00	0.00	0.00
9,100.0	90.00	359.74	6,900.0	-164.5	1,988.0	1,046.6	0.00	0.00	0.00
9,200.0	90.00	359.74	6,900.0	-64.5	1,987.5	1,126.9	0.00	0.00	0.00
9,300.0	90.00	359.74	6,900.0	35.5	1,987.1	1,207.1	0.00	0.00	0.00
9,400.0	90.00	359.74	6,900.0	135.5	1,986.6	1,287.4	0.00	0.00	0.00
9,500.0	90.00	359.74	6,900.0	235.5	1,986.2	1,367.6	0.00	0.00	0.00
9,600.0	90.00	359.74	6,900.0	335.5	1,985.7	1,447.8	0.00	0.00	0.00
9,700.0	90.00	359.74	6,900.0	435.5	1,985.3	1,528.1	0.00	0.00	0.00
9,800.0	90.00	359.74	6,900.0	535.5	1,984.8	1,608.3	0.00	0.00	0.00
9,865.7	90.00	359.74	6,900.0	601.2	1,984.5	1,661.1	0.00	0.00	0.00

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")
7,979.5	6,900.0	7"		7	7-1/2

Database:	Landmark	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (11-10-14)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
400.0	400.0	0.0	0.0	KOP - Start Build 2.00
6,593.6	5,981.3	-252.6	217.1	Start DLS 8.00 TFO -136.06
7,979.5	6,900.0	-1,955.6	1,680.6	Start 1886.2 hold at 7979.5 MD
9,865.7	6,900.0	-1,285.0	1,993.0	Start DLS 3.00 TFO -90.00
10,052.2	6,900.0	601.1	1,984.5	Start 1670.7 hold at 10052.2 MD
11,722.9	6,900.0	787.3	1,974.6	TD at 11722.9



Synergy Resources

SEC.2-T4N-R68W

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

SRC Vista M-2NHZ

Wellbore #1

Plan #1 (11-10-14)

Anticollision Report

11 November, 2014

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Reference	Plan #1 (11-10-14)		
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	11,722.9	Plan #1 (11-10-14) (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 23-2D - Wellbore #1 - Wellbore #1	9,290.0	6,974.4	258.6	201.6	4.534	CC, ES
Pratt 23-2D - Wellbore #1 - Wellbore #1	9,300.0	6,974.8	258.8	201.7	4.532	SF
Pratt 24-2D - Wellbore #1 - Wellbore #1	8,000.0	7,007.0	358.9	299.0	5.995	ES, SF
Pratt 24-2D - Wellbore #1 - Wellbore #1	8,004.8	7,006.4	358.9	299.0	5.998	CC
SRC Avex 11-2D Pad Sec.2-T4N-R68W						
SRC Avex 21-2D - Wellbore #1 - Wellbore #1	11,722.9	6,963.4	158.4	71.4	1.821	CC, ES, SF
SRC Avex 22-2D - Wellbore #1 - Wellbore #1	10,424.7	6,973.5	235.8	166.4	3.400	CC, ES, SF
SRC Vista (N/S) Pad Sec.2-T4N-R68W						
SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)	400.0	400.0	139.9	138.3	88.914	CC, ES
SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)	4,800.0	4,932.9	998.7	952.2	21.449	SF
SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)	400.0	400.0	159.9	158.4	101.649	CC, ES
SRC Vista 11-2NHZ - Wellbore #1 - Plan #1 (11-06-14)	4,200.0	4,411.3	998.8	963.7	28.472	SF
SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)	400.0	400.0	100.2	98.6	63.678	CC, ES
SRC Vista 12-2CHZ - Wellbore #1 - Plan #1 (11-07-14)	6,593.6	6,671.7	985.4	901.2	11.704	SF
SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	400.0	400.0	120.2	118.6	76.411	CC, ES
SRC Vista 12-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	5,800.0	5,909.7	992.8	918.4	13.354	SF
SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	400.0	400.0	20.0	18.5	12.736	CC, ES
SRC Vista 21-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	7,100.0	7,102.5	285.0	192.5	3.080	SF
SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	400.0	400.0	40.1	38.5	25.470	CC, ES
SRC Vista 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)	11,722.9	11,617.1	439.9	302.9	3.211	SF
SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	400.0	400.0	60.1	58.5	38.206	CC, ES
SRC Vista A-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	11,722.9	11,859.6	733.2	600.5	5.528	SF
SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	400.0	400.0	80.2	78.6	50.943	CC, ES
SRC Vista A-2NHZ - Wellbore #1 - Plan #1 (11-07-14)	11,722.9	11,544.9	879.6	744.6	6.513	SF
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	200.0	200.0	20.0	19.4	29.718	CC
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	6,950.0	6,907.1	110.5	5.9	1.056	Level 2, SF
SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)	7,000.0	6,950.9	102.9	5.6	1.057	Level 2, ES

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 23-2D - Wellbore #1 - Wellbore #1		Offset Site Error: 0.0 ft	
Survey Program: 48-MWD												Offset Well Error: 0.0 ft			
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
1,795.1	1,740.6	1,623.3	1,610.7	7.6	4.6	-43.27	-371.4	1,195.2	994.3	984.3	10.04	99.023			
1,800.0	1,744.9	1,627.6	1,615.0	7.7	4.6	-43.38	-371.0	1,195.8	993.3	983.2	10.09	98.405			
1,900.0	1,833.3	1,719.2	1,705.1	8.6	4.9	-45.81	-361.1	1,209.2	971.8	960.6	11.19	86.811			
2,000.0	1,921.7	1,813.0	1,797.3	9.6	5.3	-48.38	-351.0	1,222.3	951.8	939.5	12.35	77.040			
2,100.0	2,010.1	1,904.9	1,887.9	10.6	5.6	-51.00	-341.0	1,234.7	933.4	919.9	13.55	68.892			
2,200.0	2,098.4	1,997.8	1,979.5	11.5	5.9	-53.71	-331.1	1,246.7	916.8	902.0	14.78	62.012			
2,300.0	2,186.8	2,090.9	2,071.4	12.5	6.2	-56.48	-321.8	1,258.2	901.9	885.9	16.05	56.195			
2,400.0	2,275.2	2,183.9	2,163.3	13.5	6.5	-59.28	-313.2	1,269.3	888.9	871.5	17.34	51.270			
2,500.0	2,363.6	2,273.1	2,251.6	14.5	6.8	-62.01	-305.2	1,279.6	877.9	859.3	18.63	47.117			
2,600.0	2,451.9	2,361.5	2,339.0	15.5	7.1	-64.78	-297.1	1,289.6	869.4	849.4	19.95	43.584			
2,700.0	2,540.3	2,450.6	2,427.1	16.5	7.4	-67.62	-288.8	1,299.6	863.4	842.1	21.28	40.577			
2,800.0	2,628.7	2,548.2	2,523.8	17.4	7.7	-70.75	-280.0	1,309.9	859.4	836.8	22.64	37.952			
2,900.0	2,717.1	2,641.1	2,615.9	18.4	8.0	-73.70	-272.6	1,319.3	857.3	833.4	23.98	35.758			
2,946.6	2,758.3	2,684.3	2,658.8	18.9	8.1	-75.05	-269.7	1,323.7	857.1	832.5	24.59	34.855			
3,000.0	2,805.4	2,734.9	2,709.0	19.4	8.3	-76.61	-266.6	1,328.9	857.4	832.1	25.29	33.897			
3,100.0	2,893.8	2,830.0	2,803.6	20.4	8.6	-79.54	-261.2	1,338.2	859.3	832.7	26.60	32.305			
3,200.0	2,982.2	2,918.7	2,891.7	21.4	8.8	-82.22	-256.6	1,346.8	863.3	835.4	27.86	30.983			
3,300.0	3,070.6	3,006.8	2,979.3	22.4	9.1	-84.84	-252.4	1,355.7	869.7	840.6	29.11	29.880			
3,400.0	3,158.9	3,094.7	3,066.6	23.4	9.3	-87.43	-248.0	1,364.5	878.6	848.3	30.33	28.970			
3,500.0	3,247.3	3,186.9	3,158.3	24.4	9.6	-90.12	-243.0	1,373.4	889.6	858.1	31.53	28.212			
3,600.0	3,335.7	3,272.0	3,242.8	25.4	9.8	-92.57	-238.2	1,381.3	902.7	870.0	32.69	27.616			
3,700.0	3,424.1	3,356.2	3,326.5	26.4	10.1	-94.94	-233.2	1,389.5	918.6	884.7	33.81	27.166			
3,800.0	3,512.4	3,446.8	3,416.5	27.4	10.3	-97.41	-227.7	1,398.3	936.5	901.6	34.91	26.825			
3,900.0	3,600.8	3,525.1	3,494.3	28.4	10.6	-99.50	-222.6	1,405.8	956.5	920.6	35.96	26.599			
4,000.0	3,689.2	3,596.0	3,564.6	29.4	10.8	-101.39	-216.5	1,412.3	979.7	942.8	36.97	26.498			
8,400.0	6,900.0	6,933.6	6,878.1	50.6	20.6	-84.34	22.5	1,726.5	926.0	872.1	53.91	17.179			
8,500.0	6,900.0	6,938.5	6,883.1	50.0	20.6	-85.41	22.8	1,726.8	830.6	776.7	53.90	15.409			
8,600.0	6,900.0	6,943.4	6,887.9	49.5	20.6	-86.46	23.0	1,727.1	736.3	682.3	53.99	13.638			
8,700.0	6,900.0	6,948.1	6,892.7	49.0	20.6	-87.50	23.2	1,727.4	643.7	589.6	54.17	11.884			
8,800.0	6,900.0	6,952.8	6,897.3	48.5	20.6	-88.52	23.4	1,727.6	553.7	499.3	54.44	10.172			
8,900.0	6,900.0	6,957.4	6,901.9	48.0	20.7	-89.53	23.7	1,727.9	467.7	412.9	54.80	8.535			
9,000.0	6,900.0	6,961.8	6,906.3	47.6	20.7	-90.52	23.9	1,728.2	388.4	333.2	55.25	7.030			
9,100.0	6,900.0	6,966.2	6,910.7	47.2	20.7	-91.49	24.1	1,728.4	320.9	265.1	55.79	5.751			
9,200.0	6,900.0	6,970.6	6,915.0	46.8	20.7	-92.45	24.2	1,728.7	273.8	217.4	56.41	4.855			
9,290.0	6,900.0	6,974.4	6,918.9	46.4	20.7	-93.29	24.4	1,728.9	258.6	201.6	57.04	4.534 CC, ES			
9,300.0	6,900.0	6,974.8	6,919.3	46.4	20.7	-93.39	24.4	1,728.9	258.8	201.7	57.11	4.532 SF			
9,400.0	6,900.0	6,979.0	6,923.4	46.0	20.7	-94.31	24.6	1,729.2	281.0	223.1	57.88	4.854			
9,500.0	6,900.0	6,983.1	6,927.5	45.7	20.7	-95.21	24.8	1,729.4	333.0	274.3	58.73	5.670			
9,600.0	6,900.0	6,987.1	6,931.5	45.4	20.7	-96.10	25.0	1,729.6	403.5	343.8	59.64	6.765			
9,700.0	6,900.0	6,991.0	6,935.4	45.2	20.7	-96.97	25.1	1,729.8	484.4	423.8	60.60	7.993			
9,800.0	6,900.0	6,994.9	6,939.3	45.0	20.7	-97.82	25.3	1,730.1	571.4	509.7	61.62	9.272			
9,865.7	6,900.0	6,997.4	6,941.8	44.9	20.7	-98.37	25.4	1,730.2	630.6	568.2	62.32	10.118			
9,900.0	6,900.0	6,998.7	6,943.1	44.9	20.7	-98.32	25.5	1,730.3	661.9	599.3	62.57	10.578			
10,000.0	6,900.0	7,002.2	6,946.6	45.1	20.8	-98.05	25.6	1,730.5	753.3	690.1	63.19	11.921			
10,052.2	6,900.0	7,003.9	6,948.3	45.4	20.8	-97.87	25.7	1,730.5	801.0	737.5	63.51	12.613			
10,100.0	6,900.0	7,005.4	6,949.8	45.9	20.8	-98.14	25.7	1,730.6	845.0	781.0	64.01	13.201			
10,200.0	6,900.0	7,008.6	6,953.0	47.1	20.8	-98.70	25.9	1,730.8	938.2	873.0	65.19	14.392			

Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 24-2D - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 250-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
1,700.0	1,655.8	1,562.5	1,560.2	6.8	3.3	-32.00	-531.5	1,113.7	980.8	972.8	8.00	122.598		
1,795.1	1,740.6	1,645.0	1,642.2	7.6	3.5	-33.29	-538.5	1,120.3	952.9	944.1	8.78	108.536		
1,800.0	1,744.9	1,649.2	1,646.4	7.7	3.5	-33.35	-538.9	1,120.7	951.4	942.6	8.82	107.843		
1,900.0	1,833.3	1,731.1	1,727.6	8.6	3.8	-34.40	-546.5	1,127.9	922.0	912.3	9.70	95.014		
2,000.0	1,921.7	1,814.3	1,809.9	9.6	4.0	-35.48	-555.2	1,136.2	894.3	883.7	10.63	84.124		
2,100.0	2,010.1	1,906.1	1,900.6	10.6	4.3	-36.70	-565.7	1,145.7	867.7	856.1	11.63	74.586		
2,200.0	2,098.4	1,996.2	1,989.5	11.5	4.6	-37.91	-576.5	1,155.2	841.8	829.2	12.67	66.425		
2,300.0	2,186.8	2,088.7	2,080.7	12.5	5.0	-39.20	-588.4	1,165.4	816.9	803.1	13.77	59.331		
2,400.0	2,275.2	2,182.0	2,172.6	13.5	5.3	-40.53	-600.8	1,175.4	792.4	777.5	14.91	53.157		
2,500.0	2,363.6	2,272.9	2,262.1	14.5	5.6	-41.84	-613.8	1,185.4	768.7	752.6	16.08	47.798		
2,600.0	2,451.9	2,362.8	2,350.2	15.5	6.0	-43.12	-628.0	1,196.0	746.3	729.0	17.30	43.145		
2,700.0	2,540.3	2,456.5	2,441.8	16.5	6.3	-44.44	-643.8	1,207.4	724.9	706.4	18.57	39.036		
2,800.0	2,628.7	2,559.8	2,543.0	17.4	6.7	-46.02	-660.8	1,219.6	703.5	683.6	19.93	35.305		
2,900.0	2,717.1	2,656.8	2,638.1	18.4	7.1	-47.61	-676.6	1,230.4	682.1	660.8	21.30	32.021		
3,000.0	2,805.4	2,757.8	2,736.9	19.4	7.5	-49.25	-694.4	1,241.3	660.8	638.1	22.74	29.064		
3,100.0	2,893.8	2,861.6	2,838.7	20.4	7.8	-51.11	-712.0	1,251.4	639.0	614.8	24.24	26.357		
3,200.0	2,982.2	2,964.0	2,939.5	21.4	8.2	-53.21	-728.1	1,260.0	616.6	590.8	25.80	23.902		
3,300.0	3,070.6	3,055.2	3,029.4	22.4	8.5	-55.30	-741.4	1,267.4	594.8	567.4	27.33	21.761		
3,400.0	3,158.9	3,151.3	3,124.2	23.4	8.8	-57.75	-754.6	1,275.5	574.2	545.2	28.96	19.826		
3,500.0	3,247.3	3,246.3	3,218.2	24.4	9.1	-60.47	-766.3	1,283.0	554.4	523.8	30.65	18.086		
3,600.0	3,335.7	3,338.0	3,308.9	25.4	9.4	-63.28	-777.5	1,290.4	536.3	503.9	32.36	16.573		
3,700.0	3,424.1	3,431.7	3,401.5	26.4	9.7	-66.30	-789.0	1,298.3	520.0	485.8	34.12	15.238		
3,800.0	3,512.4	3,527.5	3,496.1	27.4	10.0	-69.49	-801.4	1,306.5	505.3	469.3	35.91	14.069		
3,900.0	3,600.8	3,622.9	3,590.2	28.4	10.4	-72.69	-815.1	1,314.8	491.9	454.2	37.67	13.056		
4,000.0	3,689.2	3,714.0	3,679.9	29.4	10.7	-75.80	-828.7	1,323.4	480.6	441.2	39.37	12.207		
4,100.0	3,777.6	3,811.2	3,775.5	30.4	11.1	-79.22	-843.4	1,332.9	471.3	430.2	41.04	11.483		
4,200.0	3,865.9	3,905.4	3,868.3	31.4	11.4	-82.72	-857.1	1,341.5	463.5	420.9	42.60	10.880		
4,300.0	3,954.3	3,996.6	3,958.3	32.4	11.7	-86.30	-869.4	1,349.9	458.4	414.3	44.04	10.407		
4,400.0	4,042.7	4,087.0	4,047.5	33.4	12.0	-89.90	-881.1	1,358.8	456.3	410.9	45.37	10.057		
4,417.0	4,057.7	4,102.3	4,062.6	33.5	12.1	-90.51	-883.0	1,360.4	456.2	410.7	45.58	10.010		
4,500.0	4,131.1	4,182.9	4,142.1	34.4	12.4	-93.68	-893.5	1,369.0	456.9	410.3	46.59	9.806		
4,600.0	4,219.4	4,280.9	4,238.5	35.3	12.8	-97.45	-907.0	1,379.3	459.0	411.4	47.67	9.630		
4,700.0	4,307.8	4,378.6	4,334.9	36.3	13.1	-101.26	-920.3	1,388.7	462.7	414.2	48.56	9.529		
4,800.0	4,396.2	4,478.3	4,433.2	37.3	13.5	-105.12	-934.3	1,397.4	467.7	418.5	49.25	9.496		
4,900.0	4,484.6	4,569.9	4,523.5	38.3	13.8	-108.57	-947.6	1,405.4	474.5	424.7	49.83	9.524		
5,000.0	4,572.9	4,660.8	4,613.1	39.3	14.1	-111.82	-960.2	1,414.3	484.1	433.8	50.29	9.627		
5,100.0	4,661.3	4,753.0	4,703.8	40.3	14.5	-114.88	-973.0	1,424.5	496.1	445.5	50.67	9.792		
5,200.0	4,749.7	4,847.8	4,797.2	41.3	14.8	-117.94	-985.6	1,434.6	510.0	459.1	50.91	10.018		
5,300.0	4,838.1	4,943.2	4,891.4	42.3	15.1	-121.01	-997.8	1,443.5	525.4	474.4	51.00	10.303		
5,400.0	4,926.4	5,037.1	4,984.0	43.3	15.4	-123.85	-1,010.0	1,452.3	542.1	491.1	51.03	10.624		
5,500.0	5,014.8	5,126.5	5,072.4	44.3	15.8	-126.41	-1,021.0	1,460.8	560.9	509.8	51.05	10.987		
5,600.0	5,103.2	5,219.4	5,164.3	45.3	16.1	-128.92	-1,031.9	1,469.6	581.4	530.4	50.98	11.404		
5,700.0	5,191.6	5,313.8	5,257.6	46.3	16.4	-131.31	-1,042.7	1,478.5	603.2	552.3	50.88	11.854		
5,800.0	5,279.9	5,408.5	5,351.3	47.3	16.7	-133.62	-1,053.7	1,486.7	625.9	575.1	50.74	12.336		
5,900.0	5,368.3	5,501.8	5,443.6	48.3	17.0	-135.73	-1,064.4	1,494.8	649.6	599.0	50.61	12.835		
6,000.0	5,456.7	5,598.5	5,539.2	49.3	17.3	-137.68	-1,075.6	1,504.3	674.0	623.5	50.54	13.338		
6,100.0	5,545.1	5,695.5	5,634.8	50.3	17.7	-139.37	-1,087.3	1,515.4	698.7	648.2	50.56	13.820		
6,200.0	5,633.4	5,790.6	5,728.7	51.3	18.0	-140.95	-1,098.8	1,525.9	723.8	673.2	50.59	14.307		
6,300.0	5,721.8	5,882.5	5,819.5	52.3	18.3	-142.48	-1,109.9	1,534.7	749.6	699.0	50.58	14.819		
6,400.0	5,810.2	5,993.7	5,929.4	53.3	18.7	-144.32	-1,124.2	1,543.9	775.4	725.0	50.39	15.387		
6,500.0	5,898.6	6,093.8	6,028.0	54.3	19.0	-145.86	-1,139.1	1,552.5	799.7	749.4	50.32	15.893		
6,593.6	5,981.3	6,179.2	6,112.2	55.2	19.3	-147.09	-1,151.6	1,559.8	823.1	772.7	50.33	16.354		

Offset Design													Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 24-2D - Wellbore #1 - Wellbore #1		Offset Site Error:		0.0 ft
Survey Program: 250-MWD															Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
6,600.0	5,987.0	6,185.0	6,117.9	55.3	19.4	-146.47	-1,152.4	1,560.3	824.7	774.3	50.37	16.373					
6,650.0	6,031.8	6,230.4	6,162.6	55.7	19.5	-140.91	-1,158.8	1,564.5	835.4	784.9	50.50	16.544					
6,700.0	6,077.6	6,276.3	6,207.9	56.0	19.7	-134.00	-1,165.1	1,569.0	843.1	792.8	50.34	16.747					
6,750.0	6,124.1	6,323.7	6,254.6	56.3	19.9	-125.61	-1,171.4	1,573.7	847.6	797.7	49.89	16.989					
6,800.0	6,171.1	6,371.5	6,301.7	56.5	20.0	-115.86	-1,177.8	1,578.4	849.0	799.8	49.13	17.278					
6,850.0	6,218.4	6,416.0	6,345.6	56.7	20.2	-105.21	-1,183.8	1,582.5	847.1	799.0	48.10	17.611					
6,900.0	6,265.6	6,464.2	6,393.2	56.9	20.3	-94.66	-1,190.1	1,586.9	842.2	795.4	46.75	18.014					
6,950.0	6,312.7	6,509.1	6,437.5	57.0	20.5	-85.03	-1,195.9	1,591.0	834.3	789.1	45.16	18.472					
7,000.0	6,359.3	6,554.4	6,482.3	57.1	20.6	-77.00	-1,201.6	1,595.1	823.4	780.1	43.33	19.002					
7,050.0	6,405.2	6,603.3	6,530.6	57.2	20.8	-70.85	-1,207.8	1,599.7	809.6	768.3	41.28	19.613					
7,100.0	6,450.3	6,650.6	6,577.3	57.2	21.0	-66.37	-1,214.1	1,604.3	792.8	753.6	39.11	20.267					
7,150.0	6,494.3	6,694.2	6,620.3	57.1	21.1	-63.32	-1,219.9	1,608.5	773.1	736.1	36.98	20.906					
7,200.0	6,536.9	6,734.1	6,659.6	57.1	21.3	-61.49	-1,225.3	1,612.3	751.0	715.9	35.04	21.433					
7,250.0	6,578.0	6,772.0	6,697.0	57.0	21.4	-60.77	-1,230.4	1,615.7	726.6	693.1	33.54	21.666					
7,300.0	6,617.3	6,807.4	6,731.9	56.8	21.5	-61.03	-1,235.3	1,618.8	700.3	667.5	32.81	21.346					
7,350.0	6,654.8	6,839.8	6,764.0	56.7	21.7	-62.13	-1,239.7	1,621.6	672.2	639.1	33.15	20.280					
7,400.0	6,690.1	6,870.0	6,793.7	56.5	21.8	-64.03	-1,243.7	1,624.2	642.7	608.0	34.72	18.512					
7,450.0	6,723.2	6,897.7	6,821.1	56.3	21.9	-66.65	-1,247.3	1,626.5	612.2	574.8	37.42	16.359					
7,500.0	6,753.8	6,922.8	6,845.9	56.0	21.9	-69.90	-1,250.6	1,628.5	580.9	540.0	40.93	14.194					
7,550.0	6,781.8	6,944.8	6,867.6	55.8	22.0	-73.57	-1,253.4	1,630.3	549.4	504.6	44.77	12.271					
7,600.0	6,807.1	6,963.8	6,886.4	55.5	22.1	-77.49	-1,255.9	1,631.8	518.1	469.5	48.55	10.671					
7,650.0	6,829.6	6,979.9	6,902.4	55.2	22.1	-81.47	-1,257.9	1,633.0	487.6	435.6	51.92	9.390					
7,700.0	6,849.1	6,993.1	6,915.4	54.9	22.2	-85.25	-1,259.6	1,634.0	458.5	403.8	54.67	8.387					
7,750.0	6,865.5	7,003.3	6,925.5	54.6	22.2	-88.61	-1,260.9	1,634.7	431.7	375.0	56.71	7.612					
7,800.0	6,878.8	7,010.3	6,932.4	54.3	22.2	-91.36	-1,261.8	1,635.2	407.8	349.7	58.10	7.020					
7,850.0	6,889.0	7,014.2	6,936.3	54.0	22.2	-93.36	-1,262.3	1,635.5	387.9	328.9	58.96	6.578					
7,900.0	6,895.8	7,014.9	6,937.0	53.7	22.2	-94.53	-1,262.4	1,635.5	372.6	313.1	59.49	6.264					
7,950.0	6,899.4	7,012.4	6,934.5	53.4	22.2	-94.81	-1,262.0	1,635.4	362.8	303.0	59.83	6.064					
7,979.5	6,900.0	7,009.4	6,931.6	53.2	22.2	-94.57	-1,261.7	1,635.2	359.7	299.7	60.00	5.996					
8,000.0	6,900.0	7,007.0	6,929.1	53.1	22.2	-94.18	-1,261.4	1,635.0	358.9	299.0	59.86	5.995 ES, SF					
8,004.8	6,900.0	7,006.4	6,928.6	53.0	22.2	-94.08	-1,261.3	1,634.9	358.9	299.0	59.83	5.998 CC					
8,100.0	6,900.0	6,994.9	6,917.2	52.4	22.2	-92.26	-1,259.8	1,634.1	371.1	312.0	59.13	6.275					
8,200.0	6,900.0	6,982.7	6,905.1	51.8	22.1	-90.34	-1,258.3	1,633.2	407.8	349.4	58.41	6.982					
8,300.0	6,900.0	6,970.4	6,892.9	51.1	22.1	-88.40	-1,256.7	1,632.3	463.2	405.5	57.70	8.029					
8,400.0	6,900.0	6,958.0	6,880.7	50.6	22.1	-86.46	-1,255.1	1,631.3	531.6	474.5	57.00	9.325					
8,500.0	6,900.0	6,945.4	6,868.3	50.0	22.0	-84.53	-1,253.5	1,630.4	608.4	552.1	56.34	10.799					
8,600.0	6,900.0	6,932.8	6,855.7	49.5	22.0	-82.59	-1,251.9	1,629.3	691.0	635.3	55.71	12.403					
8,700.0	6,900.0	6,919.6	6,842.8	49.0	21.9	-80.62	-1,250.2	1,628.3	777.5	722.4	55.12	14.107					
8,800.0	6,900.0	6,906.2	6,829.5	48.5	21.9	-78.64	-1,248.5	1,627.2	866.7	812.1	54.56	15.886					
8,900.0	6,900.0	6,892.6	6,816.1	48.0	21.8	-76.67	-1,246.7	1,626.0	957.8	903.8	54.05	17.721					

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 21-2D - Wellbore #1 - Wellbore #1												Offset Well Error:	0.0 ft
Survey Program: 644-MWD													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,800.0	6,900.0	6,887.7	6,834.5	55.9	19.1	-67.02	2,444.0	1,642.4	950.4	885.4	65.04	14.612	
10,900.0	6,900.0	6,897.6	6,844.3	57.5	19.2	-69.96	2,444.9	1,642.9	852.3	784.6	67.73	12.585	
11,000.0	6,900.0	6,907.0	6,853.6	59.0	19.2	-72.89	2,445.7	1,643.4	754.6	684.2	70.37	10.723	
11,100.0	6,900.0	6,915.9	6,862.5	60.6	19.2	-75.79	2,446.5	1,643.8	657.4	584.4	72.96	9.011	
11,200.0	6,900.0	6,924.4	6,871.0	62.3	19.2	-78.63	2,447.2	1,644.3	561.1	485.6	75.46	7.435	
11,300.0	6,900.0	6,932.4	6,879.0	63.9	19.3	-81.40	2,447.8	1,644.6	466.2	388.3	77.88	5.987	
11,400.0	6,900.0	6,940.1	6,886.6	65.5	19.3	-84.10	2,448.4	1,645.0	373.9	293.7	80.19	4.662	
11,500.0	6,900.0	6,947.6	6,894.0	67.2	19.3	-86.76	2,449.0	1,645.3	286.5	204.1	82.41	3.477	
11,600.0	6,900.0	6,954.8	6,901.3	68.9	19.3	-89.37	2,449.5	1,645.6	210.4	125.9	84.52	2.490	
11,700.0	6,900.0	6,961.9	6,908.3	70.5	19.3	-91.92	2,450.1	1,646.0	162.4	75.9	86.52	1.877	
11,722.9	6,900.0	6,963.4	6,909.9	70.9	19.3	-92.50	2,450.2	1,646.0	158.4	71.4	86.96	1.821 CC, ES, SF	

Offset Design SRC Avex 11-2D Pad Sec.2-T4N-R68W - SRC Avex 22-2D - Wellbore #1 - Wellbore #1													Offset Site Error: 0.0 ft	
Survey Program: 128-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
9,500.0	6,900.0	7,078.9	7,019.6	45.7	20.8	-113.12	1,121.8	1,709.1	935.9	876.1	59.84	15.641		
9,600.0	6,900.0	7,069.1	7,009.9	45.4	20.8	-111.33	1,122.9	1,708.5	841.6	780.8	60.83	13.836		
9,700.0	6,900.0	7,058.0	6,998.9	45.2	20.7	-109.26	1,124.1	1,707.8	748.6	686.8	61.86	12.102		
9,800.0	6,900.0	7,047.9	6,988.9	45.0	20.7	-107.34	1,125.3	1,707.1	657.5	594.6	62.90	10.454		
9,865.7	6,900.0	7,040.6	6,981.6	44.9	20.7	-105.93	1,126.1	1,706.7	599.2	535.6	63.59	9.423		
9,900.0	6,900.0	7,036.7	6,977.8	44.9	20.7	-105.67	1,126.6	1,706.4	569.1	505.1	63.98	8.894		
10,000.0	6,900.0	7,025.1	6,966.3	45.1	20.6	-104.58	1,127.9	1,705.7	482.6	417.6	65.03	7.422		
10,052.2	6,900.0	7,018.9	6,960.2	45.4	20.6	-103.78	1,128.6	1,705.3	438.5	373.0	65.57	6.688		
10,100.0	6,900.0	7,013.2	6,954.5	45.9	20.6	-102.43	1,129.3	1,704.9	399.3	333.2	66.06	6.045		
10,200.0	6,900.0	7,001.1	6,942.5	47.1	20.6	-99.58	1,130.7	1,704.2	324.5	257.4	67.13	4.834		
10,300.0	6,900.0	6,988.9	6,930.4	48.5	20.5	-96.66	1,132.1	1,703.4	266.3	198.1	68.15	3.907		
10,400.0	6,900.0	6,976.6	6,918.2	49.9	20.5	-93.70	1,133.6	1,702.6	237.0	167.9	69.11	3.430		
10,424.7	6,900.0	6,973.5	6,915.2	50.2	20.5	-92.96	1,133.9	1,702.4	235.8	166.4	69.34	3.400 CC, ES, SF		
10,500.0	6,900.0	6,964.2	6,905.9	51.3	20.4	-90.70	1,135.0	1,701.8	247.3	177.3	69.99	3.533		
10,600.0	6,900.0	6,951.6	6,893.5	52.8	20.4	-87.69	1,136.5	1,701.0	293.0	222.2	70.78	4.139		
10,700.0	6,900.0	6,939.0	6,880.9	54.4	20.4	-84.68	1,138.0	1,700.2	360.8	289.3	71.49	5.047		
10,800.0	6,900.0	6,926.3	6,868.4	55.9	20.3	-81.72	1,139.6	1,699.4	440.7	368.6	72.11	6.111		
10,900.0	6,900.0	6,913.8	6,856.0	57.5	20.3	-78.86	1,141.1	1,698.6	527.2	454.5	72.67	7.254		
11,000.0	6,900.0	6,901.3	6,843.6	59.0	20.2	-76.06	1,142.6	1,697.8	617.5	544.4	73.15	8.442		
11,100.0	6,900.0	6,888.7	6,831.1	60.6	20.2	-73.32	1,144.1	1,696.9	710.2	636.7	73.55	9.656		
11,200.0	6,900.0	6,875.9	6,818.5	62.3	20.2	-70.65	1,145.6	1,696.0	804.5	730.6	73.89	10.887		
11,300.0	6,900.0	6,863.1	6,805.8	63.9	20.1	-68.07	1,147.2	1,695.1	899.8	825.6	74.17	12.131		
11,400.0	6,900.0	6,850.2	6,793.0	65.5	20.1	-65.57	1,148.8	1,694.2	995.8	921.4	74.40	13.385		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 11-2CHZ - Wellbore #1 - Plan #1 (11-06-14)													Offset Site Error:	0.0 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	139.9	0.0	139.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	139.9	0.0	139.9	139.7	0.22	622.400		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	139.9	0.0	139.9	139.2	0.67	207.467		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	139.9	0.0	139.9	138.8	1.12	124.480		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	139.9	0.0	139.9	138.3	1.57	88.914 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-139.77	139.9	0.0	141.2	139.2	2.00	70.528		
600.0	599.8	599.8	599.8	1.2	1.2	-141.05	139.9	0.0	145.3	142.8	2.42	59.912		
700.0	699.5	699.5	699.5	1.4	1.5	-143.03	139.9	0.0	152.1	149.3	2.86	53.141		
800.0	798.7	798.7	798.7	1.7	1.7	-145.50	139.9	0.0	162.1	158.7	3.32	48.883		
900.0	897.5	897.5	897.5	2.0	1.9	-148.25	139.9	0.0	175.2	171.4	3.78	46.370		
1,000.0	995.6	995.6	995.6	2.4	2.1	-151.08	139.9	0.0	191.8	187.5	4.25	45.127		
1,100.0	1,093.1	1,093.1	1,093.1	2.8	2.3	-153.83	139.9	0.0	211.8	207.1	4.72	44.836		
1,200.0	1,189.6	1,189.6	1,189.6	3.3	2.6	-156.40	139.9	0.0	235.4	230.2	5.20	45.271		
1,300.0	1,285.3	1,285.3	1,285.3	3.8	2.8	-158.73	139.9	0.0	262.6	257.0	5.68	46.266		
1,400.0	1,379.8	1,379.8	1,379.8	4.5	3.0	-160.81	139.9	0.0	293.4	287.2	6.15	47.691		
1,500.0	1,473.2	1,473.2	1,473.2	5.2	3.2	-162.65	139.9	0.0	327.6	321.0	6.63	49.451		
1,600.0	1,565.2	1,565.2	1,565.2	5.9	3.4	-164.25	139.9	0.0	365.3	358.2	7.10	51.468		
1,700.0	1,655.8	1,655.8	1,655.8	6.8	3.6	-165.63	139.9	0.0	406.4	398.8	7.57	53.685		
1,795.1	1,740.6	1,740.6	1,740.6	7.6	3.8	-166.78	139.9	0.0	448.5	440.5	8.02	55.937		
1,800.0	1,744.9	1,744.9	1,744.9	7.7	3.8	-166.84	139.9	0.0	450.7	442.7	8.04	56.037		
1,900.0	1,833.3	1,833.8	1,839.8	8.6	4.0	-168.16	139.6	0.0	496.4	487.9	8.57	57.929		
2,000.0	1,921.7	1,947.7	1,947.6	9.6	4.2	-169.51	136.1	0.6	539.8	530.7	9.08	59.462		
2,100.0	2,010.1	2,058.8	2,058.5	10.6	4.4	-170.84	128.4	2.0	580.1	570.5	9.58	60.559		
2,200.0	2,098.4	2,173.1	2,172.0	11.5	4.6	-172.16	116.0	4.1	617.3	607.2	10.10	61.139		
2,300.0	2,186.8	2,290.2	2,287.8	12.5	4.9	-173.51	98.7	7.1	651.2	640.5	10.63	61.245		
2,400.0	2,275.2	2,409.9	2,405.3	13.5	5.2	-174.91	76.2	11.0	681.8	670.6	11.20	60.894		
2,500.0	2,363.6	2,531.7	2,523.8	14.5	5.5	-176.37	48.3	15.8	709.0	697.2	11.80	60.090		
2,600.0	2,451.9	2,655.4	2,642.8	15.5	6.0	-177.91	15.0	21.5	732.8	720.3	12.45	58.848		
2,700.0	2,540.3	2,780.5	2,761.5	16.5	6.5	-179.55	-23.9	28.2	753.2	740.1	13.17	57.201		
2,800.0	2,628.7	2,906.5	2,879.2	17.4	7.2	-178.70	-68.1	35.8	770.4	756.4	13.98	55.106		
2,900.0	2,717.1	3,033.0	2,995.3	18.4	7.9	-176.83	-117.6	44.3	784.3	769.4	14.91	52.598		
3,000.0	2,805.4	3,159.4	3,108.9	19.4	8.8	-174.82	-172.0	53.7	795.1	779.1	15.98	49.743		
3,100.0	2,893.8	3,285.2	3,219.6	20.4	9.8	-172.67	-231.1	63.9	803.0	785.8	17.23	46.612		
3,200.0	2,982.2	3,387.8	3,308.3	21.4	10.7	-170.83	-281.9	72.6	809.2	790.8	18.46	43.841		
3,300.0	3,070.6	3,484.4	3,391.7	22.4	11.5	-169.12	-329.8	80.8	816.2	796.4	19.74	41.344		
3,400.0	3,158.9	3,580.9	3,475.1	23.4	12.4	-167.44	-377.7	89.1	823.9	802.8	21.11	39.025		
3,500.0	3,247.3	3,677.5	3,558.6	24.4	13.3	-165.79	-425.6	97.3	832.4	809.8	22.57	36.885		
3,600.0	3,335.7	3,774.1	3,642.0	25.4	14.1	-164.17	-473.5	105.6	841.5	817.4	24.10	34.920		
3,700.0	3,424.1	3,870.6	3,725.5	26.4	15.0	-162.58	-521.4	113.8	851.4	825.7	25.70	33.124		
3,800.0	3,512.4	3,967.2	3,808.9	27.4	16.0	-161.03	-569.3	122.1	861.9	834.5	27.37	31.486		
3,900.0	3,600.8	4,063.8	3,892.4	28.4	16.9	-159.52	-617.3	130.3	873.1	844.0	29.11	29.997		
4,000.0	3,689.2	4,160.4	3,975.8	29.4	17.8	-158.04	-665.2	138.6	884.9	854.0	30.89	28.644		
4,100.0	3,777.6	4,256.9	4,059.3	30.4	18.7	-156.60	-713.1	146.8	897.3	864.5	32.73	27.416		
4,200.0	3,865.9	4,353.5	4,142.7	31.4	19.6	-155.20	-761.0	155.0	910.2	875.6	34.61	26.301		
4,300.0	3,954.3	4,450.1	4,226.1	32.4	20.6	-153.84	-808.9	163.3	923.8	887.2	36.53	25.289		
4,400.0	4,042.7	4,546.7	4,309.6	33.4	21.5	-152.52	-856.8	171.5	937.8	899.3	38.48	24.370		
4,500.0	4,131.1	4,643.2	4,393.0	34.4	22.4	-151.23	-904.7	179.8	952.3	911.9	40.47	23.534		
4,600.0	4,219.4	4,739.8	4,476.5	35.3	23.4	-149.98	-952.6	188.0	967.3	924.9	42.48	22.774		
4,700.0	4,307.8	4,836.4	4,559.9	36.3	24.3	-148.77	-1,000.5	196.3	982.8	938.3	44.51	22.081		
4,800.0	4,396.2	4,932.9	4,643.4	37.3	25.3	-147.59	-1,048.4	204.5	998.7	952.2	46.56	21.449 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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	159.9	0.0	159.9					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	159.9	0.0	159.9	159.7	0.22	711.546		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	159.9	0.0	159.9	159.3	0.67	237.182		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	159.9	0.0	159.9	158.8	1.12	142.309		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	159.9	0.0	159.9	158.4	1.57	101.649 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-139.71	159.9	0.0	161.3	159.3	2.00	80.535		
600.0	599.8	599.8	599.8	1.2	1.2	-140.83	159.9	0.0	165.3	162.9	2.42	68.172		
700.0	699.5	699.5	699.5	1.4	1.5	-142.58	159.9	0.0	172.1	169.3	2.86	60.122		
800.0	798.7	798.7	798.7	1.7	1.7	-144.79	159.9	0.0	182.0	178.7	3.32	54.880		
900.0	897.5	897.5	897.5	2.0	1.9	-147.29	159.9	0.0	195.0	191.2	3.78	51.576		
1,000.0	995.6	995.6	995.6	2.4	2.1	-149.91	159.9	0.0	211.4	207.1	4.25	49.680		
1,100.0	1,093.1	1,093.1	1,093.1	2.8	2.3	-152.50	159.9	0.0	231.2	226.5	4.73	48.841		
1,200.0	1,189.6	1,189.6	1,189.6	3.3	2.6	-154.97	159.9	0.0	254.6	249.4	5.22	48.810		
1,300.0	1,285.3	1,285.3	1,285.3	3.8	2.8	-157.26	159.9	0.0	281.5	275.8	5.70	49.406		
1,400.0	1,379.8	1,379.8	1,379.8	4.5	3.0	-159.33	159.9	0.0	312.0	305.8	6.18	50.490		
1,500.0	1,473.2	1,473.2	1,473.2	5.2	3.2	-161.18	159.9	0.0	346.0	339.3	6.66	51.955		
1,600.0	1,565.2	1,565.2	1,565.2	5.9	3.4	-162.82	159.9	0.0	383.4	376.3	7.14	53.717		
1,700.0	1,655.8	1,655.8	1,655.8	6.8	3.6	-164.25	159.9	0.0	424.2	416.6	7.61	55.712		
1,795.1	1,740.6	1,740.6	1,740.6	7.6	3.8	-165.45	159.9	0.0	466.1	458.1	8.07	57.780		
1,800.0	1,744.9	1,744.9	1,744.9	7.7	3.8	-165.52	159.9	0.0	468.4	460.3	8.09	57.872		
1,900.0	1,833.3	1,833.3	1,833.3	8.6	4.0	-166.81	159.9	0.0	514.1	505.5	8.62	59.618		
2,000.0	1,921.7	1,921.7	1,921.7	9.6	4.2	-167.90	159.9	0.0	560.0	550.8	9.16	61.155		
2,100.0	2,010.1	2,012.4	2,012.4	10.6	4.4	-168.85	159.9	0.0	606.0	596.3	9.69	62.510		
2,200.0	2,098.4	2,123.5	2,123.5	11.5	4.6	-169.94	157.3	0.2	650.3	640.1	10.22	63.610		
2,300.0	2,186.8	2,237.9	2,237.7	12.5	4.8	-171.08	150.1	0.8	691.5	680.8	10.73	64.439		
2,400.0	2,275.2	2,355.5	2,354.6	13.5	5.0	-172.27	138.0	1.8	729.6	718.4	11.25	64.843		
2,500.0	2,363.6	2,475.9	2,473.8	14.5	5.3	-173.54	120.6	3.3	764.6	752.8	11.79	64.845		
2,600.0	2,451.9	2,598.9	2,594.5	15.5	5.6	-174.89	97.8	5.2	796.2	783.9	12.35	64.452		
2,700.0	2,540.3	2,724.0	2,716.3	16.5	5.9	-176.32	69.3	7.6	824.6	811.7	12.96	63.632		
2,800.0	2,628.7	2,850.8	2,838.3	17.4	6.4	-177.86	35.0	10.5	849.8	836.2	13.62	62.403		
2,900.0	2,717.1	2,978.8	2,959.8	18.4	6.9	-179.51	-5.1	13.9	871.7	857.4	14.35	60.745		
3,000.0	2,805.4	3,107.5	3,080.1	19.4	7.5	178.72	-50.8	17.7	890.5	875.3	15.18	58.648		
3,100.0	2,893.8	3,236.5	3,198.5	20.4	8.3	176.83	-101.9	22.1	906.2	890.1	16.15	56.123		
3,200.0	2,982.2	3,365.2	3,314.1	21.4	9.1	174.80	-158.1	26.8	919.1	901.8	17.26	53.239		
3,300.0	3,070.6	3,493.0	3,426.3	22.4	10.1	172.64	-219.0	31.9	929.3	910.8	18.56	50.072		
3,400.0	3,158.9	3,619.5	3,534.6	23.4	11.2	170.34	-284.2	37.4	937.2	917.1	20.07	46.698		
3,500.0	3,247.3	3,744.3	3,638.5	24.4	12.4	167.90	-353.1	43.2	942.9	921.1	21.80	43.245		
3,600.0	3,335.7	3,847.8	3,722.8	25.4	13.4	165.77	-413.0	48.3	947.5	924.0	23.51	40.301		
3,700.0	3,424.1	3,941.7	3,799.0	26.4	14.4	163.84	-467.6	52.9	953.1	927.9	25.22	37.794		
3,800.0	3,512.4	4,035.7	3,875.3	27.4	15.3	161.94	-522.2	57.5	960.0	932.9	27.03	35.518		
3,900.0	3,600.8	4,129.6	3,951.5	28.4	16.3	160.06	-576.8	62.1	968.0	939.0	28.93	33.464		
4,000.0	3,689.2	4,223.5	4,027.8	29.4	17.3	158.21	-631.4	66.7	977.1	946.2	30.91	31.615		
4,100.0	3,777.6	4,317.4	4,104.1	30.4	18.3	156.39	-686.0	71.3	987.4	954.4	32.96	29.957		
4,200.0	3,865.9	4,411.3	4,180.3	31.4	19.3	154.61	-740.6	75.9	998.8	963.7	35.08	28.472 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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	0.00	100.2	0.0	100.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	100.2	0.0	100.2	100.0	0.22	445.748		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	100.2	0.0	100.2	99.5	0.67	148.583		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	100.2	0.0	100.2	99.1	1.12	89.150		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	100.2	0.0	100.2	98.6	1.57	63.678 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-139.95	100.2	0.0	101.5	99.5	2.00	50.700		
600.0	599.8	599.8	599.8	1.2	1.2	-141.73	100.2	0.0	105.6	103.2	2.42	43.546		
700.0	699.5	699.5	699.5	1.4	1.5	-144.39	100.2	0.0	112.6	109.7	2.86	39.320		
800.0	798.7	798.7	798.7	1.7	1.7	-147.59	100.2	0.0	122.7	119.4	3.31	37.033		
900.0	897.5	897.5	897.5	2.0	1.9	-150.98	100.2	0.0	136.2	132.4	3.77	36.106		
1,000.0	995.6	995.6	995.6	2.4	2.1	-154.28	100.2	0.0	153.2	149.0	4.24	36.173		
1,100.0	1,093.1	1,093.1	1,093.1	2.8	2.3	-157.33	100.2	0.0	173.8	169.1	4.70	36.980		
1,200.0	1,189.6	1,189.6	1,189.6	3.3	2.6	-160.03	100.2	0.0	198.0	192.9	5.17	38.341		
1,300.0	1,285.3	1,285.3	1,285.3	3.8	2.8	-162.38	100.2	0.0	225.8	220.2	5.63	40.119		
1,400.0	1,379.8	1,379.8	1,379.8	4.5	3.0	-164.39	100.2	0.0	257.2	251.1	6.09	42.211		
1,500.0	1,473.2	1,481.4	1,481.3	5.2	3.2	-166.29	99.1	0.4	291.0	284.4	6.54	44.468		
1,600.0	1,565.2	1,586.1	1,586.0	5.9	3.4	-168.08	94.5	2.0	324.9	317.9	6.96	46.649		
1,700.0	1,655.8	1,692.2	1,691.6	6.8	3.6	-169.77	86.2	5.0	358.9	351.5	7.39	48.564		
1,795.1	1,740.6	1,794.2	1,792.9	7.6	3.8	-171.32	74.7	9.0	391.3	383.5	7.81	50.128		
1,800.0	1,744.9	1,799.5	1,798.2	7.7	3.8	-171.40	74.0	9.3	392.9	385.1	7.83	50.183		
1,900.0	1,833.3	1,908.8	1,906.1	8.6	4.1	-173.05	57.7	15.0	425.2	416.9	8.35	50.906		
2,000.0	1,921.7	2,020.6	2,015.8	9.6	4.4	-174.60	37.1	22.3	454.2	445.3	8.90	51.010		
2,100.0	2,010.1	2,134.6	2,126.6	10.6	4.7	-176.13	11.9	31.2	479.8	470.3	9.49	50.561		
2,200.0	2,098.4	2,250.5	2,238.0	11.5	5.2	-177.67	-17.9	41.8	501.9	491.8	10.12	49.607		
2,300.0	2,186.8	2,367.9	2,349.6	12.5	5.8	-179.24	-52.5	54.0	520.4	509.7	10.79	48.241		
2,400.0	2,275.2	2,486.5	2,460.6	13.5	6.4	-179.11	-91.7	67.9	535.5	523.9	11.54	46.414		
2,500.0	2,363.6	2,605.9	2,570.6	14.5	7.2	-177.36	-135.6	83.4	547.0	534.7	12.37	44.224		
2,600.0	2,451.9	2,725.7	2,678.9	15.5	8.0	-175.49	-183.8	100.5	555.1	541.8	13.31	41.699		
2,700.0	2,540.3	2,835.6	2,776.4	16.5	8.9	-173.65	-231.6	117.4	560.3	546.0	14.32	39.116		
2,800.0	2,628.7	2,934.1	2,863.6	17.4	9.7	-172.01	-274.9	132.7	565.4	550.1	15.36	36.809		
2,900.0	2,717.1	3,032.6	2,950.7	18.4	10.6	-170.40	-318.2	148.0	571.0	554.5	16.48	34.659		
3,000.0	2,805.4	3,131.2	3,037.9	19.4	11.4	-168.81	-361.5	163.4	577.1	559.4	17.67	32.666		
3,100.0	2,893.8	3,229.7	3,125.1	20.4	12.3	-167.27	-404.8	178.7	583.5	564.6	18.93	30.827		
3,200.0	2,982.2	3,328.2	3,212.2	21.4	13.2	-165.75	-448.2	194.0	590.4	570.2	20.26	29.138		
3,300.0	3,070.6	3,426.7	3,299.4	22.4	14.1	-164.28	-491.5	209.4	597.8	576.1	21.66	27.592		
3,400.0	3,158.9	3,525.3	3,386.5	23.4	15.0	-162.83	-534.8	224.7	605.5	582.3	23.13	26.180		
3,500.0	3,247.3	3,623.8	3,473.7	24.4	15.9	-161.43	-578.1	240.0	613.6	588.9	24.65	24.892		
3,600.0	3,335.7	3,722.3	3,560.8	25.4	16.8	-160.06	-621.4	255.3	622.0	595.8	26.23	23.718		
3,700.0	3,424.1	3,820.8	3,648.0	26.4	17.7	-158.72	-664.7	270.7	630.8	603.0	27.85	22.649		
3,800.0	3,512.4	3,919.4	3,735.1	27.4	18.6	-157.43	-708.0	286.0	640.0	610.4	29.52	21.676		
3,900.0	3,600.8	4,017.9	3,822.3	28.4	19.5	-156.17	-751.4	301.3	649.4	618.2	31.24	20.790		
4,000.0	3,689.2	4,116.4	3,909.4	29.4	20.4	-154.94	-794.7	316.6	659.2	626.2	32.99	19.982		
4,100.0	3,777.6	4,214.9	3,996.6	30.4	21.3	-153.76	-838.0	332.0	669.3	634.5	34.78	19.244		
4,200.0	3,865.9	4,313.5	4,083.7	31.4	22.2	-152.60	-881.3	347.3	679.6	643.0	36.60	18.571		
4,300.0	3,954.3	4,412.0	4,170.9	32.4	23.1	-151.48	-924.6	362.6	690.2	651.8	38.44	17.955		
4,400.0	4,042.7	4,510.5	4,258.1	33.4	24.1	-150.40	-967.9	377.9	701.1	660.8	40.31	17.391		
4,500.0	4,131.1	4,609.0	4,345.2	34.4	25.0	-149.35	-1,011.3	393.3	712.2	670.0	42.21	16.874		
4,600.0	4,219.4	4,707.6	4,432.4	35.3	25.9	-148.33	-1,054.6	408.6	723.6	679.5	44.12	16.399		
4,700.0	4,307.8	4,806.1	4,519.5	36.3	26.8	-147.34	-1,097.9	423.9	735.2	689.1	46.06	15.962		
4,800.0	4,396.2	4,904.6	4,606.7	37.3	27.7	-146.38	-1,141.2	439.3	747.0	699.0	48.01	15.560		
4,900.0	4,484.6	5,003.1	4,693.8	38.3	28.7	-145.45	-1,184.5	454.6	759.0	709.0	49.97	15.189		
5,000.0	4,572.9	5,101.7	4,781.0	39.3	29.6	-144.55	-1,227.8	469.9	771.2	719.2	51.94	14.846		

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 M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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						
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	4,661.3	5,200.2	4,868.1	40.3	30.5	143.68	-1,271.2	485.2	783.5	729.6	53.93	14.529	
5,200.0	4,749.7	5,298.7	4,955.3	41.3	31.4	142.83	-1,314.5	500.6	796.1	740.2	55.92	14.235	
5,300.0	4,838.1	5,397.2	5,042.4	42.3	32.4	142.01	-1,357.8	515.9	808.8	750.9	57.93	13.962	
5,400.0	4,926.4	5,495.8	5,129.6	43.3	33.3	141.22	-1,401.1	531.2	821.7	761.7	59.94	13.709	
5,500.0	5,014.8	5,594.3	5,216.8	44.3	34.2	140.45	-1,444.4	546.5	834.7	772.8	61.95	13.473	
5,600.0	5,103.2	5,692.8	5,303.9	45.3	35.1	139.70	-1,487.7	561.9	847.9	783.9	63.98	13.253	
5,700.0	5,191.6	5,791.3	5,391.1	46.3	36.1	138.98	-1,531.1	577.2	861.2	795.2	66.00	13.048	
5,800.0	5,279.9	5,889.9	5,478.2	47.3	37.0	138.28	-1,574.4	592.5	874.6	806.6	68.03	12.857	
5,900.0	5,368.3	5,988.4	5,565.4	48.3	37.9	137.60	-1,617.7	607.9	888.2	818.1	70.06	12.677	
6,000.0	5,456.7	6,086.9	5,652.5	49.3	38.8	136.94	-1,661.0	623.2	901.9	829.8	72.10	12.510	
6,100.0	5,545.1	6,185.4	5,739.7	50.3	39.8	136.30	-1,704.3	638.5	915.7	841.6	74.13	12.352	
6,200.0	5,633.4	6,284.0	5,826.8	51.3	40.7	135.68	-1,747.6	653.8	929.6	853.5	76.17	12.205	
6,300.0	5,721.8	6,382.5	5,914.0	52.3	41.6	135.07	-1,791.0	669.2	943.6	865.4	78.21	12.066	
6,400.0	5,810.2	6,481.0	6,001.1	53.3	42.6	134.49	-1,834.3	684.5	957.8	877.5	80.25	11.935	
6,500.0	5,898.6	6,579.5	6,088.3	54.3	43.5	133.92	-1,877.6	699.8	972.0	889.7	82.28	11.813	
6,593.6	5,981.3	6,671.7	6,169.9	55.2	44.4	133.40	-1,918.1	714.2	985.4	901.2	84.19	11.704 SF	
6,600.0	5,987.0	6,678.0	6,175.4	55.3	44.4	134.12	-1,920.9	715.1	986.3	902.0	84.26	11.705	
6,650.0	6,031.8	6,726.1	6,218.1	55.7	44.8	140.34	-1,941.9	722.6	993.5	908.7	84.77	11.720	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	120.2	0.0	120.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	120.2	0.0	120.2	120.0	0.22	534.875		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	120.2	0.0	120.2	119.5	0.67	178.292		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	120.2	0.0	120.2	119.1	1.12	106.975		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	120.2	0.0	120.2	118.6	1.57	76.411 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-139.84	120.2	0.0	121.6	119.5	2.00	60.704		
600.0	599.8	599.8	599.8	1.2	1.2	-141.33	120.2	0.0	125.6	123.2	2.42	51.802		
700.0	699.5	699.5	699.5	1.4	1.5	-143.60	120.2	0.0	132.5	129.7	2.86	46.290		
800.0	798.7	798.7	798.7	1.7	1.7	-146.39	120.2	0.0	142.5	139.2	3.31	43.005		
900.0	897.5	897.5	897.5	2.0	1.9	-149.43	120.2	0.0	155.8	152.1	3.78	41.274		
1,000.0	995.6	995.6	995.6	2.4	2.1	-152.48	120.2	0.0	172.6	168.3	4.24	40.676		
1,100.0	1,093.1	1,093.1	1,093.1	2.8	2.3	-155.39	120.2	0.0	192.9	188.2	4.71	40.928		
1,200.0	1,189.6	1,189.6	1,189.6	3.3	2.6	-158.04	120.2	0.0	216.8	211.6	5.18	41.822		
1,300.0	1,285.3	1,285.3	1,285.3	3.8	2.8	-160.40	120.2	0.0	244.3	238.6	5.65	43.206		
1,400.0	1,379.8	1,379.8	1,379.8	4.5	3.0	-162.47	120.2	0.0	275.3	269.2	6.12	44.964		
1,500.0	1,473.2	1,473.2	1,473.2	5.2	3.2	-164.26	120.2	0.0	309.9	303.3	6.59	47.008		
1,600.0	1,565.2	1,565.2	1,565.2	5.9	3.4	-165.80	120.2	0.0	347.8	340.7	7.06	49.270		
1,700.0	1,655.8	1,664.3	1,664.3	6.8	3.6	-167.28	119.5	0.2	388.5	381.0	7.52	51.669		
1,795.1	1,740.6	1,764.2	1,764.1	7.6	3.8	-168.71	115.7	1.2	427.5	419.6	7.93	53.920		
1,800.0	1,744.9	1,769.4	1,769.3	7.7	3.8	-168.80	115.4	1.2	429.5	421.6	7.95	54.014		
1,900.0	1,833.3	1,877.0	1,876.5	8.6	4.0	-170.39	107.3	3.3	469.0	460.5	8.44	55.542		
2,000.0	1,921.7	1,987.5	1,986.3	9.6	4.2	-171.90	94.9	6.5	505.3	496.3	8.95	56.436		
2,100.0	2,010.1	2,100.8	2,098.2	10.6	4.5	-173.37	77.9	10.8	538.3	528.8	9.48	56.763		
2,200.0	2,098.4	2,216.6	2,211.8	11.5	4.8	-174.84	56.2	16.4	568.1	558.0	10.04	56.559		
2,300.0	2,186.8	2,334.6	2,326.6	12.5	5.1	-176.34	29.5	23.2	594.4	583.7	10.64	55.868		
2,400.0	2,275.2	2,454.5	2,441.8	13.5	5.6	-177.89	-2.3	31.3	617.3	606.0	11.28	54.714		
2,500.0	2,363.6	2,575.8	2,557.1	14.5	6.1	-179.51	-39.3	40.7	636.7	624.7	11.98	53.160		
2,600.0	2,451.9	2,698.3	2,671.5	15.5	6.8	178.76	-81.3	51.5	652.7	640.0	12.76	51.142		
2,700.0	2,540.3	2,821.3	2,784.6	16.5	7.6	176.93	-128.2	63.5	665.4	651.7	13.65	48.736		
2,800.0	2,628.7	2,944.5	2,895.7	17.4	8.4	174.96	-179.9	76.7	674.8	660.1	14.67	45.993		
2,900.0	2,717.1	3,067.5	3,004.2	18.4	9.4	172.84	-236.1	91.0	681.1	665.2	15.85	42.981		
3,000.0	2,805.4	3,185.9	3,106.2	19.4	10.5	170.62	-294.3	105.9	684.5	667.3	17.17	39.858		
3,100.0	2,893.8	3,283.2	3,189.2	20.4	11.4	168.75	-343.5	118.4	687.3	668.9	18.47	37.210		
3,200.0	2,982.2	3,380.5	3,272.2	21.4	12.3	166.90	-392.6	131.0	691.0	671.1	19.87	34.769		
3,300.0	3,070.6	3,477.8	3,355.2	22.4	13.2	165.06	-441.7	143.5	695.4	674.0	21.37	32.534		
3,400.0	3,158.9	3,575.1	3,438.2	23.4	14.2	163.25	-490.9	156.1	700.6	677.6	22.97	30.500		
3,500.0	3,247.3	3,672.3	3,521.3	24.4	15.1	161.47	-540.0	168.6	706.4	681.8	24.65	28.658		
3,600.0	3,335.7	3,769.6	3,604.3	25.4	16.1	159.72	-589.1	181.2	713.0	686.6	26.41	26.994		
3,700.0	3,424.1	3,866.9	3,687.3	26.4	17.1	158.00	-638.3	193.7	720.3	692.0	28.25	25.496		
3,800.0	3,512.4	3,964.2	3,770.3	27.4	18.0	156.31	-687.4	206.3	728.2	698.1	30.16	24.148		
3,900.0	3,600.8	4,061.4	3,853.3	28.4	19.0	154.66	-736.5	218.8	736.8	704.7	32.12	22.938		
4,000.0	3,689.2	4,158.7	3,936.3	29.4	20.0	153.05	-785.7	231.4	746.0	711.8	34.14	21.850		
4,100.0	3,777.6	4,256.0	4,019.3	30.4	21.0	151.47	-834.8	243.9	755.8	719.6	36.21	20.873		
4,200.0	3,865.9	4,353.3	4,102.4	31.4	22.0	149.94	-883.9	256.5	766.2	727.8	38.32	19.995		
4,300.0	3,954.3	4,450.6	4,185.4	32.4	23.0	148.44	-933.1	269.0	777.1	736.6	40.46	19.205		
4,400.0	4,042.7	4,547.8	4,268.4	33.4	24.0	146.99	-982.2	281.6	788.5	745.9	42.64	18.494		
4,500.0	4,131.1	4,645.1	4,351.4	34.4	24.9	145.58	-1,031.3	294.1	800.5	755.7	44.84	17.853		
4,600.0	4,219.4	4,742.4	4,434.4	35.3	25.9	144.21	-1,080.5	306.7	812.9	765.9	47.06	17.274		
4,700.0	4,307.8	4,839.7	4,517.4	36.3	26.9	142.88	-1,129.6	319.2	825.8	776.5	49.30	16.751		
4,800.0	4,396.2	4,936.9	4,600.4	37.3	27.9	141.58	-1,178.7	331.8	839.2	787.6	51.56	16.277		
4,900.0	4,484.6	5,034.2	4,683.5	38.3	28.9	140.33	-1,227.9	344.3	853.0	799.1	53.82	15.847		
5,000.0	4,572.9	5,131.5	4,766.5	39.3	29.9	139.12	-1,277.0	356.9	867.1	811.0	56.10	15.458		

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 M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista 12-2NHZ - 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
5,100.0	4,661.3	5,228.8	4,849.5	40.3	30.9	137.94	-1,326.1	369.4	881.7	823.3	58.38	15.103	
5,200.0	4,749.7	5,326.1	4,932.5	41.3	32.0	136.81	-1,375.3	382.0	896.6	835.9	60.66	14.781	
5,300.0	4,838.1	5,423.3	5,015.5	42.3	33.0	135.71	-1,424.4	394.5	911.9	848.9	62.95	14.487	
5,400.0	4,926.4	5,520.6	5,098.5	43.3	34.0	134.64	-1,473.5	407.1	927.5	862.2	65.23	14.218	
5,500.0	5,014.8	5,617.9	5,181.5	44.3	35.0	133.61	-1,522.7	419.6	943.4	875.8	67.51	13.973	
5,600.0	5,103.2	5,715.2	5,264.6	45.3	36.0	132.61	-1,571.8	432.2	959.6	889.8	69.79	13.748	
5,700.0	5,191.6	5,812.4	5,347.6	46.3	37.0	131.65	-1,620.9	444.7	976.0	904.0	72.07	13.543	
5,800.0	5,279.9	5,909.7	5,430.6	47.3	38.0	130.72	-1,670.1	457.3	992.8	918.4	74.34	13.354 SF	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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 (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	0.80	20.0	0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.80	20.0	0.3	20.0	19.8	0.22	89.154		
200.0	200.0	200.0	200.0	0.3	0.3	0.80	20.0	0.3	20.0	19.4	0.67	29.718		
300.0	300.0	300.0	300.0	0.6	0.6	0.80	20.0	0.3	20.0	18.9	1.12	17.831		
400.0	400.0	400.0	400.0	0.8	0.8	0.80	20.0	0.3	20.0	18.5	1.57	12.736 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-141.61	20.0	0.3	21.4	19.4	2.00	10.676		
600.0	599.8	599.8	599.8	1.2	1.2	-148.83	20.0	0.3	25.7	23.3	2.42	10.594		
700.0	699.5	700.5	700.5	1.4	1.4	-155.51	18.6	1.3	31.8	29.0	2.83	11.231		
800.0	798.7	801.4	801.3	1.7	1.6	-160.29	14.4	4.6	38.1	34.9	3.23	11.807		
900.0	897.5	902.6	902.1	2.0	1.8	-163.95	7.3	9.9	44.6	40.9	3.64	12.229		
1,000.0	995.6	1,004.0	1,002.7	2.4	2.1	-166.91	-2.6	17.5	51.1	47.0	4.07	12.532		
1,100.0	1,093.1	1,105.7	1,103.1	2.8	2.4	-169.40	-15.4	27.2	57.5	53.0	4.52	12.740		
1,200.0	1,189.6	1,207.6	1,203.1	3.3	2.7	-171.58	-31.1	39.1	64.0	59.1	4.98	12.870		
1,300.0	1,285.3	1,309.8	1,302.5	3.8	3.2	-173.52	-49.7	53.1	70.5	65.1	5.45	12.934		
1,400.0	1,379.8	1,412.2	1,401.3	4.5	3.6	-175.29	-71.1	69.4	77.0	71.0	5.95	12.939		
1,500.0	1,473.2	1,514.8	1,499.4	5.2	4.2	-176.94	-95.3	87.8	83.4	76.9	6.47	12.889		
1,600.0	1,565.2	1,617.7	1,596.4	5.9	4.8	-178.48	-122.5	108.4	89.8	82.8	7.02	12.788		
1,700.0	1,655.8	1,720.8	1,692.4	6.8	5.5	-179.95	-152.4	131.1	96.1	88.5	7.60	12.652		
1,795.1	1,740.6	1,819.1	1,782.6	7.6	6.3	178.71	-183.5	154.7	102.1	93.9	8.19	12.471		
1,800.0	1,744.9	1,824.2	1,787.2	7.7	6.3	178.64	-185.2	156.0	102.4	94.2	8.22	12.454		
1,900.0	1,833.3	1,927.3	1,880.4	8.6	7.2	177.25	-220.6	182.8	106.8	97.8	8.96	11.915		
2,000.0	1,921.7	2,027.3	1,969.9	9.6	8.1	175.91	-255.9	209.6	109.8	100.0	9.73	11.281		
2,100.0	2,010.1	2,127.2	2,059.5	10.6	9.0	174.65	-291.1	236.3	112.9	102.3	10.54	10.709		
2,200.0	2,098.4	2,227.1	2,149.1	11.5	9.9	173.46	-326.4	263.1	116.0	104.6	11.38	10.190		
2,300.0	2,186.8	2,327.0	2,238.7	12.5	10.8	172.32	-361.7	289.8	119.2	106.9	12.26	9.718		
2,400.0	2,275.2	2,426.9	2,328.3	13.5	11.7	171.25	-396.9	316.6	122.4	109.2	13.18	9.289		
2,500.0	2,363.6	2,526.9	2,417.8	14.5	12.6	170.23	-432.2	343.3	125.7	111.5	14.12	8.897		
2,600.0	2,451.9	2,626.8	2,507.4	15.5	13.5	169.27	-467.5	370.1	129.0	113.9	15.10	8.539		
2,700.0	2,540.3	2,726.7	2,597.0	16.5	14.4	168.35	-502.8	396.9	132.3	116.2	16.11	8.211		
2,800.0	2,628.7	2,826.6	2,686.6	17.4	15.3	167.48	-538.0	423.6	135.7	118.5	17.15	7.911		
2,900.0	2,717.1	2,926.6	2,776.2	18.4	16.3	166.65	-573.3	450.4	139.1	120.9	18.21	7.636		
3,000.0	2,805.4	3,026.5	2,865.7	19.4	17.2	165.86	-608.6	477.1	142.5	123.2	19.30	7.383		
3,100.0	2,893.8	3,126.4	2,955.3	20.4	18.1	165.11	-643.9	503.9	145.9	125.5	20.41	7.150		
3,200.0	2,982.2	3,226.3	3,044.9	21.4	19.0	164.39	-679.1	530.6	149.4	127.9	21.55	6.935		
3,300.0	3,070.6	3,326.3	3,134.5	22.4	20.0	163.71	-714.4	557.4	152.9	130.2	22.70	6.737		
3,400.0	3,158.9	3,426.2	3,224.0	23.4	20.9	163.05	-749.7	584.2	156.4	132.6	23.87	6.553		
3,500.0	3,247.3	3,526.1	3,313.6	24.4	21.8	162.43	-785.0	610.9	160.0	134.9	25.06	6.383		
3,600.0	3,335.7	3,626.0	3,403.2	25.4	22.7	161.83	-820.2	637.7	163.5	137.3	26.27	6.225		
3,700.0	3,424.1	3,725.9	3,492.8	26.4	23.7	161.26	-855.5	664.4	167.1	139.6	27.49	6.079		
3,800.0	3,512.4	3,825.9	3,582.4	27.4	24.6	160.71	-890.8	691.2	170.7	142.0	28.73	5.942		
3,900.0	3,600.8	3,925.8	3,671.9	28.4	25.5	160.18	-926.0	717.9	174.3	144.3	29.98	5.815		
4,000.0	3,689.2	4,025.7	3,761.5	29.4	26.5	159.68	-961.3	744.7	177.9	146.7	31.24	5.696		
4,100.0	3,777.6	4,125.6	3,851.1	30.4	27.4	159.19	-996.6	771.5	181.6	149.0	32.51	5.585		
4,200.0	3,865.9	4,225.6	3,940.7	31.4	28.3	158.73	-1,031.9	798.2	185.2	151.4	33.79	5.480		
4,300.0	3,954.3	4,325.5	4,030.3	32.4	29.2	158.28	-1,067.1	825.0	188.9	153.8	35.09	5.382		
4,400.0	4,042.7	4,425.4	4,119.8	33.4	30.2	157.85	-1,102.4	851.7	192.5	156.1	36.39	5.291		
4,500.0	4,131.1	4,525.3	4,209.4	34.4	31.1	157.44	-1,137.7	878.5	196.2	158.5	37.70	5.204		
4,600.0	4,219.4	4,625.2	4,299.0	35.3	32.0	157.04	-1,173.0	905.3	199.9	160.9	39.02	5.123		
4,700.0	4,307.8	4,725.2	4,388.6	36.3	33.0	156.65	-1,208.2	932.0	203.6	163.2	40.35	5.046		
4,800.0	4,396.2	4,825.1	4,478.1	37.3	33.9	156.28	-1,243.5	958.8	207.3	165.6	41.69	4.973		
4,900.0	4,484.6	4,925.0	4,567.7	38.3	34.8	155.92	-1,278.8	985.5	211.0	168.0	43.03	4.904		
5,000.0	4,572.9	5,024.9	4,657.3	39.3	35.8	155.58	-1,314.1	1,012.3	214.7	170.4	44.37	4.839		

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 M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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	4,661.3	5,124.9	4,746.9	40.3	36.7	155.25	-1,349.3	1,039.0	218.5	172.7	45.73	4.777	
5,200.0	4,749.7	5,224.8	4,836.5	41.3	37.6	154.92	-1,384.6	1,065.8	222.2	175.1	47.09	4.719	
5,300.0	4,838.1	5,324.7	4,926.0	42.3	38.6	154.61	-1,419.9	1,092.6	225.9	177.5	48.45	4.663	
5,400.0	4,926.4	5,424.6	5,015.6	43.3	39.5	154.31	-1,455.1	1,119.3	229.7	179.9	49.82	4.610	
5,500.0	5,014.8	5,524.5	5,105.2	44.3	40.4	154.02	-1,490.4	1,146.1	233.5	182.3	51.20	4.560	
5,600.0	5,103.2	5,624.5	5,194.8	45.3	41.4	153.74	-1,525.7	1,172.8	237.2	184.6	52.58	4.512	
5,700.0	5,191.6	5,724.4	5,284.4	46.3	42.3	153.46	-1,561.0	1,199.6	241.0	187.0	53.96	4.466	
5,800.0	5,279.9	5,824.3	5,373.9	47.3	43.2	153.20	-1,596.2	1,226.3	244.8	189.4	55.35	4.422	
5,900.0	5,368.3	5,924.2	5,463.5	48.3	44.2	152.94	-1,631.5	1,253.1	248.5	191.8	56.74	4.381	
6,000.0	5,456.7	6,024.2	5,553.1	49.3	45.1	152.69	-1,666.8	1,279.9	252.3	194.2	58.13	4.341	
6,100.0	5,545.1	6,124.1	5,642.7	50.3	46.0	152.45	-1,702.1	1,306.6	256.1	196.6	59.53	4.302	
6,200.0	5,633.4	6,224.0	5,732.2	51.3	47.0	152.21	-1,737.3	1,333.4	259.9	199.0	60.93	4.266	
6,300.0	5,721.8	6,323.9	5,821.8	52.3	47.9	151.98	-1,772.6	1,360.1	263.7	201.4	62.33	4.231	
6,400.0	5,810.2	6,423.8	5,911.4	53.3	48.8	151.76	-1,807.9	1,386.9	267.5	203.8	63.74	4.197	
6,500.0	5,898.6	6,523.8	6,001.0	54.3	49.8	151.55	-1,843.2	1,413.6	271.3	206.2	65.15	4.164	
6,593.6	5,981.3	6,617.3	6,084.8	55.2	50.6	151.35	-1,876.2	1,438.7	274.9	208.4	66.47	4.135	
6,600.0	5,987.0	6,623.7	6,090.6	55.3	50.7	152.03	-1,878.4	1,440.4	275.1	208.6	66.55	4.134	
6,650.0	6,031.8	6,673.6	6,135.3	55.7	51.2	157.61	-1,896.0	1,453.8	276.4	208.7	67.62	4.087	
6,700.0	6,077.6	6,723.2	6,179.8	56.0	51.6	163.84	-1,913.6	1,467.1	276.7	207.2	69.51	3.981	
6,750.0	6,124.1	6,772.4	6,223.8	56.3	52.1	170.92	-1,930.9	1,480.2	276.3	204.1	72.17	3.828	
6,800.0	6,171.1	6,820.8	6,267.2	56.5	52.5	178.80	-1,948.0	1,493.2	275.5	199.9	75.52	3.647	
6,850.0	6,218.4	6,866.9	6,308.7	56.7	52.9	-172.81	-1,964.0	1,505.6	274.7	195.5	79.20	3.469	
6,869.4	6,236.7	6,884.3	6,324.5	56.8	53.0	-169.48	-1,969.5	1,510.3	274.7	194.1	80.56	3.410	
6,900.0	6,265.6	6,912.1	6,350.0	56.9	53.2	-164.35	-1,977.4	1,517.9	274.9	192.2	82.64	3.326	
6,950.0	6,312.7	6,958.1	6,392.9	57.0	53.5	-156.76	-1,988.2	1,530.7	275.9	190.1	85.79	3.216	
7,000.0	6,359.3	7,005.1	6,437.3	57.1	53.7	-150.59	-1,996.2	1,543.9	278.0	189.4	88.54	3.139	
7,050.0	6,405.2	7,053.2	6,483.2	57.2	53.9	-145.96	-2,001.3	1,557.5	281.0	190.2	90.81	3.094	
7,100.0	6,450.3	7,102.5	6,530.3	57.2	54.1	-142.73	-2,003.1	1,571.5	285.0	192.5	92.51	3.080 SF	
7,150.0	6,494.3	7,153.0	6,578.7	57.1	54.2	-140.64	-2,001.5	1,585.9	289.9	196.3	93.60	3.097	
7,200.0	6,536.9	7,204.9	6,628.2	57.1	54.3	-139.42	-1,996.1	1,600.5	295.6	201.6	94.05	3.143	
7,250.0	6,578.0	7,258.2	6,678.5	57.0	54.4	-138.86	-1,986.7	1,615.4	302.1	208.2	93.86	3.218	
7,300.0	6,617.3	7,313.1	6,729.5	56.8	54.4	-138.76	-1,973.0	1,630.5	309.2	216.1	93.04	3.323	
7,350.0	6,654.8	7,369.6	6,780.7	56.7	54.3	-139.00	-1,954.7	1,645.6	316.7	225.1	91.65	3.456	
7,400.0	6,690.1	7,427.9	6,832.0	56.5	54.3	-139.47	-1,931.4	1,660.7	324.7	234.9	89.73	3.618	
7,450.0	6,723.2	7,488.0	6,882.7	56.3	54.1	-140.08	-1,903.0	1,675.6	332.8	245.4	87.35	3.809	
7,500.0	6,753.8	7,550.0	6,932.5	56.0	53.9	-140.78	-1,869.1	1,690.3	340.9	256.3	84.60	4.029	
7,550.0	6,781.8	7,613.9	6,980.7	55.8	53.7	-141.52	-1,829.6	1,704.4	348.8	267.3	81.55	4.277	
7,600.0	6,807.1	7,679.8	7,026.7	55.5	53.3	-142.26	-1,784.4	1,717.8	356.4	278.1	78.32	4.551	
7,650.0	6,829.6	7,747.5	7,069.6	55.2	53.0	-142.96	-1,733.5	1,730.3	363.6	288.6	75.00	4.848	
7,700.0	6,849.1	7,817.1	7,108.7	54.9	52.6	-143.61	-1,677.1	1,741.6	370.1	298.4	71.70	5.162	
7,750.0	6,865.5	7,888.4	7,143.1	54.6	52.2	-144.19	-1,615.5	1,751.5	375.8	307.3	68.53	5.484	
7,800.0	6,878.8	7,961.2	7,172.0	54.3	51.7	-144.67	-1,549.2	1,759.8	380.6	315.0	65.61	5.801	
7,850.0	6,889.0	8,035.2	7,194.6	54.0	51.2	-145.05	-1,479.0	1,766.2	384.3	321.3	63.03	6.097	
7,900.0	6,895.8	8,110.2	7,210.3	53.7	50.7	-145.31	-1,405.9	1,770.5	386.9	326.0	60.87	6.355	
7,950.0	6,899.4	8,185.8	7,218.7	53.4	50.2	-145.44	-1,330.8	1,772.6	388.2	329.0	59.21	6.557	
7,979.5	6,900.0	8,230.6	7,220.0	53.2	49.9	-145.46	-1,286.1	1,772.8	388.5	330.0	58.47	6.644	
8,000.0	6,900.0	8,251.1	7,220.0	53.1	49.8	-145.46	-1,265.5	1,772.7	388.5	329.9	58.52	6.638	
8,100.0	6,900.0	8,351.1	7,220.0	52.4	49.1	-145.46	-1,165.5	1,772.2	388.5	329.7	58.77	6.610	
8,200.0	6,900.0	8,451.1	7,220.0	51.8	48.4	-145.46	-1,065.5	1,771.7	388.5	329.4	59.12	6.572	
8,300.0	6,900.0	8,551.1	7,220.0	51.1	47.8	-145.45	-965.5	1,771.2	388.5	329.0	59.56	6.523	
8,400.0	6,900.0	8,651.1	7,220.0	50.6	47.2	-145.45	-865.5	1,770.8	388.5	328.4	60.11	6.464	
8,500.0	6,900.0	8,751.1	7,220.0	50.0	46.6	-145.44	-765.5	1,770.3	388.6	327.8	60.75	6.396	

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 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							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,600.0	6,900.0	8,851.1	7,220.0	49.5	46.1	-145.44	-665.6	1,769.8	388.6	327.1	61.49	6.320		
8,700.0	6,900.0	8,951.1	7,220.0	49.0	45.5	-145.44	-565.6	1,769.3	388.6	326.3	62.31	6.236		
8,800.0	6,900.0	9,051.1	7,220.0	48.5	45.1	-145.43	-465.6	1,768.8	388.6	325.4	63.23	6.146		
8,900.0	6,900.0	9,151.1	7,220.0	48.0	44.6	-145.43	-365.6	1,768.4	388.6	324.4	64.23	6.051		
9,000.0	6,900.0	9,251.1	7,220.0	47.6	44.2	-145.42	-265.6	1,767.9	388.6	323.3	65.31	5.951		
9,100.0	6,900.0	9,351.1	7,220.0	47.2	43.8	-145.42	-165.6	1,767.4	388.7	322.2	66.47	5.848		
9,200.0	6,900.0	9,451.1	7,220.0	46.8	43.5	-145.42	-65.6	1,766.9	388.7	321.0	67.69	5.742		
9,300.0	6,900.0	9,551.1	7,220.0	46.4	43.1	-145.41	34.4	1,766.4	388.7	319.7	68.99	5.634		
9,400.0	6,900.0	9,651.1	7,220.0	46.0	42.9	-145.41	134.4	1,765.9	388.7	318.4	70.35	5.525		
9,500.0	6,900.0	9,751.1	7,220.0	45.7	42.7	-145.40	234.4	1,765.5	388.7	317.0	71.77	5.416		
9,600.0	6,900.0	9,851.1	7,220.0	45.4	42.6	-145.40	334.4	1,765.0	388.8	315.5	73.25	5.307		
9,700.0	6,900.0	9,951.1	7,220.0	45.2	42.7	-145.40	434.4	1,764.5	388.8	314.0	74.79	5.198		
9,800.0	6,900.0	10,051.1	7,220.0	45.0	43.0	-145.39	534.4	1,764.0	388.8	312.4	76.37	5.091		
9,836.0	6,900.0	10,087.1	7,220.0	44.9	43.2	-145.39	570.4	1,763.9	388.8	311.8	76.96	5.052		
9,865.7	6,900.0	10,115.3	7,220.0	44.9	43.4	-145.39	598.6	1,763.7	388.8	311.4	77.43	5.022		
9,900.0	6,900.0	10,147.4	7,220.0	44.9	43.6	-145.39	630.7	1,763.3	388.8	311.0	77.83	4.996		
10,000.0	6,900.0	10,237.1	7,220.0	45.1	44.3	-145.43	720.3	1,759.3	388.6	309.7	78.86	4.928		
10,052.2	6,900.0	10,283.8	7,220.0	45.4	44.7	-145.48	766.9	1,755.5	388.4	309.0	79.35	4.894		
10,079.5	6,900.0	10,309.2	7,220.0	45.7	45.0	-145.49	792.1	1,753.0	388.3	308.6	79.77	4.868		
10,100.0	6,900.0	10,329.7	7,220.0	45.9	45.2	-145.49	812.5	1,750.9	388.3	308.2	80.11	4.848		
10,200.0	6,900.0	10,429.7	7,220.0	47.1	46.4	-145.49	912.0	1,740.7	388.3	306.5	81.82	4.746		
10,300.0	6,900.0	10,529.7	7,220.0	48.5	47.7	-145.50	1,011.5	1,730.5	388.3	304.7	83.59	4.645		
10,400.0	6,900.0	10,629.7	7,220.0	49.9	49.1	-145.50	1,110.9	1,720.3	388.3	302.9	85.40	4.547		
10,500.0	6,900.0	10,729.7	7,220.0	51.3	50.5	-145.50	1,210.4	1,710.1	388.3	301.0	87.25	4.450		
10,600.0	6,900.0	10,829.7	7,220.0	52.8	52.0	-145.50	1,309.9	1,700.0	388.3	299.2	89.14	4.356		
10,700.0	6,900.0	10,929.7	7,220.0	54.4	53.5	-145.50	1,409.4	1,689.8	388.3	297.2	91.05	4.264		
10,800.0	6,900.0	11,029.7	7,220.0	55.9	55.0	-145.50	1,508.9	1,679.6	388.3	295.3	93.00	4.175		
10,900.0	6,900.0	11,129.7	7,220.0	57.5	56.6	-145.50	1,608.3	1,669.4	388.3	293.3	94.97	4.088		
11,000.0	6,900.0	11,229.7	7,220.0	59.0	58.1	-145.50	1,707.8	1,659.2	388.3	291.3	96.97	4.004		
11,100.0	6,900.0	11,329.7	7,220.0	60.6	59.7	-145.51	1,807.3	1,649.0	388.3	289.3	99.00	3.922		
11,200.0	6,900.0	11,429.7	7,220.0	62.3	61.3	-145.51	1,906.8	1,638.8	388.3	287.2	101.04	3.842		
11,300.0	6,900.0	11,529.7	7,220.0	63.9	62.9	-145.51	2,006.3	1,628.7	388.3	285.1	103.11	3.765		
11,400.0	6,900.0	11,629.7	7,220.0	65.5	64.6	-145.51	2,105.7	1,618.5	388.2	283.0	105.20	3.691		
11,500.0	6,900.0	11,729.7	7,220.0	67.2	66.2	-145.51	2,205.2	1,608.3	388.2	280.9	107.31	3.618		
11,600.0	6,900.0	11,829.7	7,220.0	68.9	67.9	-145.51	2,304.7	1,598.1	388.2	278.8	109.44	3.548		
11,700.0	6,900.0	11,929.7	7,220.0	70.5	69.6	-145.51	2,404.2	1,587.9	388.2	276.6	111.58	3.479		
11,722.9	6,900.0	11,952.6	7,220.0	70.9	69.9	-145.51	2,426.9	1,585.6	388.2	276.2	112.07	3.464		

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	
0.0	0.0	0.0	0.0	0.0	0.0	0.00	40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	40.1	0.0	40.1	39.8	0.22	178.292		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	40.1	0.0	40.1	39.4	0.67	59.431		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	40.1	0.0	40.1	39.0	1.12	35.658		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	40.1	0.0	40.1	38.5	1.57	25.470 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-140.88	40.1	0.0	41.4	39.4	2.00	20.682		
600.0	599.8	599.8	599.8	1.2	1.2	-144.98	40.1	0.0	45.6	43.2	2.42	18.804		
700.0	699.5	699.5	699.5	1.4	1.5	-150.32	40.1	0.0	53.0	50.1	2.86	18.517		
800.0	798.7	798.7	798.7	1.7	1.7	-155.65	40.1	0.0	63.9	60.6	3.30	19.324		
900.0	897.5	900.1	900.1	2.0	1.9	-160.11	38.6	0.9	76.7	73.0	3.73	20.590		
1,000.0	995.6	1,002.0	1,001.9	2.4	2.1	-163.59	34.1	3.9	89.8	85.6	4.13	21.738		
1,100.0	1,093.1	1,104.5	1,103.9	2.8	2.3	-166.44	26.5	8.8	102.9	98.3	4.55	22.630		
1,200.0	1,189.6	1,207.4	1,206.1	3.3	2.5	-168.89	15.8	15.7	116.0	111.1	4.98	23.316		
1,300.0	1,285.3	1,310.9	1,308.2	3.8	2.8	-171.06	1.9	24.6	129.2	123.8	5.42	23.829		
1,400.0	1,379.8	1,414.8	1,410.1	4.5	3.1	-173.03	-15.2	35.6	142.4	136.5	5.89	24.193		
1,500.0	1,473.2	1,519.3	1,511.8	5.2	3.6	-174.85	-35.4	48.7	155.5	149.1	6.37	24.422		
1,600.0	1,565.2	1,624.3	1,612.9	5.9	4.0	-176.56	-58.9	63.8	168.6	161.7	6.88	24.526		
1,700.0	1,655.8	1,729.7	1,713.5	6.8	4.6	-178.19	-85.6	81.0	181.7	174.3	7.42	24.498		
1,795.1	1,740.6	1,830.5	1,808.4	7.6	5.2	-179.69	-114.0	99.4	194.0	186.1	7.95	24.397		
1,800.0	1,744.9	1,835.7	1,813.3	7.7	5.2	-179.76	-115.5	100.4	194.7	186.7	7.99	24.379		
1,900.0	1,833.3	1,942.3	1,912.3	8.6	5.9	178.71	-148.8	121.8	205.7	197.0	8.68	23.700		
2,000.0	1,921.7	2,049.7	2,010.4	9.6	6.7	177.16	-185.4	145.4	213.2	203.8	9.43	22.603		
2,100.0	2,010.1	2,157.4	2,107.1	10.6	7.6	175.50	-225.2	171.0	217.1	206.9	10.25	21.175		
2,200.0	2,098.4	2,260.7	2,198.5	11.5	8.6	173.78	-265.8	197.2	218.1	207.0	11.14	19.587		
2,300.0	2,186.8	2,360.5	2,286.5	12.5	9.5	172.11	-305.3	222.7	219.0	206.9	12.07	18.133		
2,400.0	2,275.2	2,460.3	2,374.6	13.5	10.4	170.45	-344.8	248.2	220.0	206.9	13.08	16.812		
2,500.0	2,363.6	2,560.1	2,462.6	14.5	11.4	168.81	-384.3	273.7	221.2	207.0	14.17	15.611		
2,600.0	2,451.9	2,659.9	2,550.6	15.5	12.3	167.19	-423.8	299.2	222.5	207.2	15.32	14.521		
2,700.0	2,540.3	2,759.7	2,638.6	16.5	13.3	165.59	-463.3	324.6	224.1	207.5	16.56	13.534		
2,800.0	2,628.7	2,859.5	2,726.6	17.4	14.2	164.01	-502.9	350.1	225.8	207.9	17.86	12.641		
2,900.0	2,717.1	2,959.3	2,814.7	18.4	15.2	162.46	-542.4	375.6	227.7	208.4	19.24	11.833		
3,000.0	2,805.4	3,059.1	2,902.7	19.4	16.2	160.93	-581.9	401.1	229.7	209.1	20.69	11.104		
3,100.0	2,893.8	3,158.9	2,990.7	20.4	17.1	159.43	-621.4	426.6	232.0	209.8	22.21	10.445		
3,200.0	2,982.2	3,258.7	3,078.7	21.4	18.1	157.96	-660.9	452.1	234.3	210.5	23.79	9.851		
3,300.0	3,070.6	3,358.4	3,166.8	22.4	19.1	156.52	-700.4	477.5	236.9	211.4	25.43	9.315		
3,400.0	3,158.9	3,458.2	3,254.8	23.4	20.1	155.11	-739.9	503.0	239.5	212.4	27.12	8.831		
3,500.0	3,247.3	3,558.0	3,342.8	24.4	21.0	153.74	-779.4	528.5	242.3	213.5	28.87	8.394		
3,600.0	3,335.7	3,657.8	3,430.8	25.4	22.0	152.39	-819.0	554.0	245.3	214.6	30.67	7.998		
3,700.0	3,424.1	3,757.6	3,518.8	26.4	23.0	151.08	-858.5	579.5	248.4	215.9	32.51	7.640		
3,800.0	3,512.4	3,857.4	3,606.9	27.4	24.0	149.80	-898.0	604.9	251.6	217.2	34.39	7.315		
3,900.0	3,600.8	3,957.2	3,694.9	28.4	24.9	148.56	-937.5	630.4	254.9	218.6	36.31	7.020		
4,000.0	3,689.2	4,057.0	3,782.9	29.4	25.9	147.35	-977.0	655.9	258.4	220.1	38.26	6.752		
4,100.0	3,777.6	4,156.8	3,870.9	30.4	26.9	146.16	-1,016.5	681.4	261.9	221.7	40.25	6.508		
4,200.0	3,865.9	4,256.6	3,959.0	31.4	27.9	145.02	-1,056.0	706.9	265.6	223.3	42.26	6.285		
4,300.0	3,954.3	4,356.4	4,047.0	32.4	28.9	143.90	-1,095.5	732.4	269.4	225.1	44.29	6.082		
4,400.0	4,042.7	4,456.2	4,135.0	33.4	29.8	142.81	-1,135.1	757.8	273.2	226.9	46.35	5.895		
4,500.0	4,131.1	4,556.0	4,223.0	34.4	30.8	141.76	-1,174.6	783.3	277.2	228.8	48.43	5.725		
4,600.0	4,219.4	4,655.7	4,311.1	35.3	31.8	140.73	-1,214.1	808.8	281.3	230.8	50.52	5.568		
4,700.0	4,307.8	4,755.5	4,399.1	36.3	32.8	139.74	-1,253.6	834.3	285.4	232.8	52.63	5.424		
4,800.0	4,396.2	4,855.3	4,487.1	37.3	33.8	138.77	-1,293.1	859.8	289.7	234.9	54.75	5.291		
4,900.0	4,484.6	4,955.1	4,575.1	38.3	34.7	137.83	-1,332.6	885.2	294.0	237.1	56.88	5.168		
5,000.0	4,572.9	5,054.9	4,663.1	39.3	35.7	136.92	-1,372.1	910.7	298.4	239.3	59.02	5.055		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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	4,661.3	5,154.7	4,751.2	40.3	36.7	136.03	-1,411.6	936.2	302.8	241.6	61.17	4.950	
5,200.0	4,749.7	5,254.5	4,839.2	41.3	37.7	135.17	-1,451.1	961.7	307.4	244.0	63.33	4.853	
5,300.0	4,838.1	5,354.3	4,927.2	42.3	38.7	134.34	-1,490.7	987.2	312.0	246.5	65.49	4.763	
5,400.0	4,926.4	5,454.1	5,015.2	43.3	39.7	133.53	-1,530.2	1,012.6	316.6	249.0	67.66	4.680	
5,500.0	5,014.8	5,553.9	5,103.3	44.3	40.6	132.74	-1,569.7	1,038.1	321.3	251.5	69.83	4.602	
5,600.0	5,103.2	5,653.7	5,191.3	45.3	41.6	131.98	-1,609.2	1,063.6	326.1	254.1	72.00	4.529	
5,700.0	5,191.6	5,753.5	5,279.3	46.3	42.6	131.24	-1,648.7	1,089.1	331.0	256.8	74.18	4.462	
5,800.0	5,279.9	5,853.3	5,367.3	47.3	43.6	130.52	-1,688.2	1,114.6	335.9	259.5	76.36	4.398	
5,900.0	5,368.3	5,953.0	5,455.3	48.3	44.6	129.82	-1,727.7	1,140.1	340.8	262.3	78.54	4.339	
6,000.0	5,456.7	6,052.8	5,543.4	49.3	45.6	129.14	-1,767.2	1,165.5	345.8	265.1	80.72	4.284	
6,100.0	5,545.1	6,152.6	5,631.4	50.3	46.5	128.48	-1,806.8	1,191.0	350.8	267.9	82.90	4.232	
6,200.0	5,633.4	6,252.4	5,719.4	51.3	47.5	127.84	-1,846.3	1,216.5	355.9	270.9	85.08	4.184	
6,300.0	5,721.8	6,352.2	5,807.4	52.3	48.5	127.22	-1,885.8	1,242.0	361.1	273.8	87.25	4.138	
6,400.0	5,810.2	6,452.0	5,895.5	53.3	49.5	126.61	-1,925.3	1,267.5	366.2	276.8	89.43	4.095	
6,500.0	5,898.6	6,551.1	5,987.1	54.3	50.4	126.32	-1,964.2	1,294.0	371.2	279.9	91.31	4.065	
6,593.6	5,981.3	6,653.3	6,078.2	55.2	51.0	127.91	-1,989.6	1,320.3	374.7	283.4	91.31	4.103	
6,600.0	5,987.0	6,659.9	6,084.5	55.3	51.0	128.78	-1,990.9	1,322.1	374.9	283.7	91.22	4.110	
6,650.0	6,031.8	6,711.1	6,133.1	55.7	51.3	136.29	-1,998.5	1,336.1	376.7	286.3	90.40	4.167	
6,700.0	6,077.6	6,761.7	6,181.5	56.0	51.4	145.21	-2,002.4	1,350.0	378.7	289.2	89.44	4.234	
6,750.0	6,124.1	6,811.6	6,229.5	56.3	51.6	155.68	-2,002.8	1,363.8	380.9	292.6	88.37	4.311	
6,800.0	6,171.1	6,861.0	6,276.8	56.5	51.7	167.61	-1,999.7	1,377.4	383.4	296.2	87.21	4.396	
6,850.0	6,218.4	6,909.7	6,323.3	56.7	51.7	-179.51	-1,993.4	1,390.7	386.1	300.1	86.01	4.489	
6,900.0	6,265.6	6,958.0	6,368.7	56.9	51.7	-166.57	-1,983.9	1,403.7	389.0	304.2	84.79	4.588	
6,950.0	6,312.7	7,005.7	6,413.0	57.0	51.7	-154.51	-1,971.5	1,416.4	392.0	308.4	83.57	4.691	
7,000.0	6,359.3	7,052.9	6,455.9	57.1	51.7	-143.91	-1,956.1	1,428.7	395.1	312.8	82.37	4.797	
7,050.0	6,405.2	7,100.0	6,497.7	57.2	51.6	-134.92	-1,937.9	1,440.6	398.4	317.1	81.21	4.905	
7,100.0	6,450.3	7,146.0	6,537.3	57.2	51.4	-127.45	-1,917.4	1,451.9	401.7	321.5	80.13	5.013	
7,150.0	6,494.3	7,191.9	6,575.5	57.1	51.3	-121.24	-1,894.3	1,462.7	405.0	325.9	79.12	5.119	
7,200.0	6,536.9	7,237.5	6,611.9	57.1	51.1	-116.07	-1,869.0	1,473.1	408.3	330.1	78.19	5.222	
7,250.0	6,578.0	7,282.6	6,646.4	57.0	50.9	-111.72	-1,841.5	1,482.9	411.6	334.3	77.36	5.321	
7,300.0	6,617.3	7,327.5	6,679.0	56.8	50.7	-108.04	-1,812.1	1,492.1	414.9	338.2	76.64	5.413	
7,350.0	6,654.8	7,372.1	6,709.5	56.7	50.5	-104.90	-1,780.8	1,500.7	418.0	342.0	76.02	5.498	
7,400.0	6,690.1	7,416.3	6,737.9	56.5	50.2	-102.21	-1,747.8	1,508.7	421.0	345.5	75.52	5.575	
7,450.0	6,723.2	7,460.4	6,764.2	56.3	49.9	-99.90	-1,713.3	1,516.1	423.9	348.8	75.14	5.641	
7,500.0	6,753.8	7,504.2	6,788.2	56.0	49.7	-97.91	-1,677.3	1,522.8	426.6	351.7	74.88	5.697	
7,550.0	6,781.8	7,550.0	6,811.1	55.8	49.4	-96.19	-1,638.1	1,529.2	429.1	354.4	74.71	5.744	
7,600.0	6,807.1	7,591.2	6,829.5	55.5	49.1	-94.75	-1,601.7	1,534.3	431.4	356.7	74.71	5.774	
7,650.0	6,829.6	7,634.4	6,846.7	55.2	48.8	-93.52	-1,562.3	1,539.1	433.4	358.6	74.81	5.794	
7,700.0	6,849.1	7,677.6	6,861.6	54.9	48.5	-92.49	-1,522.0	1,543.2	435.2	360.2	75.01	5.802	
7,750.0	6,865.5	7,720.6	6,874.0	54.6	48.2	-91.66	-1,481.0	1,546.5	436.7	361.4	75.31	5.799	
7,800.0	6,878.8	7,763.5	6,884.0	54.3	47.9	-91.00	-1,439.3	1,549.2	437.9	362.2	75.71	5.785	
7,850.0	6,889.0	7,806.3	6,891.6	54.0	47.6	-90.51	-1,397.2	1,551.2	438.9	362.7	76.18	5.761	
7,900.0	6,895.8	7,850.0	6,896.9	53.7	47.3	-90.19	-1,353.9	1,552.5	439.5	362.8	76.72	5.729	
7,950.0	6,899.4	7,891.9	6,899.5	53.4	47.0	-90.02	-1,312.1	1,553.1	439.8	362.5	77.32	5.688	
7,979.5	6,900.0	7,918.1	6,900.0	53.2	46.8	-90.00	-1,285.9	1,553.1	439.9	362.2	77.68	5.663	
7,980.5	6,900.0	7,918.1	6,900.0	53.2	46.8	-90.00	-1,285.9	1,553.1	439.9	362.2	77.68	5.663	
8,000.0	6,900.0	7,937.4	6,900.0	53.1	46.7	-90.00	-1,266.6	1,553.0	439.9	362.5	77.45	5.680	
8,100.0	6,900.0	8,037.4	6,900.0	52.4	46.0	-90.00	-1,166.6	1,552.5	439.9	363.6	76.29	5.767	
8,200.0	6,900.0	8,137.4	6,900.0	51.8	45.3	-90.00	-1,066.6	1,552.1	440.0	364.7	75.26	5.846	
8,300.0	6,900.0	8,237.4	6,900.0	51.1	44.6	-90.00	-966.6	1,551.6	440.0	365.6	74.42	5.912	
8,400.0	6,900.0	8,337.4	6,900.0	50.6	44.0	-90.00	-866.6	1,551.1	440.0	366.2	73.77	5.965	
8,500.0	6,900.0	8,437.4	6,900.0	50.0	43.4	-90.00	-766.6	1,550.6	440.0	366.7	73.31	6.002	

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 21-2NHZ - Wellbore #1 - Plan #1 (11-10-14)													Offset Site Error: 0.0 ft	
Survey Program: 0-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,600.0	6,900.0	8,537.4	6,900.0	49.5	42.9	-90.00	-666.6	1,550.2	440.1	367.0	73.06	6.024		
8,700.0	6,900.0	8,637.4	6,900.0	49.0	42.4	-90.00	-566.6	1,549.7	440.1	367.1	73.00	6.028		
8,800.0	6,900.0	8,737.4	6,900.0	48.5	42.0	-90.00	-466.6	1,549.2	440.1	367.0	73.15	6.016		
8,900.0	6,900.0	8,837.4	6,900.0	48.0	41.6	-90.00	-366.6	1,548.7	440.1	366.6	73.50	5.988		
9,000.0	6,900.0	8,937.4	6,900.0	47.6	41.2	-90.00	-266.6	1,548.3	440.2	366.1	74.05	5.944		
9,100.0	6,900.0	9,037.4	6,900.0	47.2	40.9	-90.00	-166.6	1,547.8	440.2	365.4	74.79	5.886		
9,200.0	6,900.0	9,137.4	6,900.0	46.8	40.7	-90.00	-66.6	1,547.3	440.2	364.5	75.72	5.814		
9,300.0	6,900.0	9,237.4	6,900.0	46.4	40.5	-90.00	33.4	1,546.9	440.2	363.4	76.83	5.730		
9,400.0	6,900.0	9,337.4	6,900.0	46.0	40.5	-90.00	133.4	1,546.4	440.3	362.1	78.11	5.636		
9,500.0	6,900.0	9,437.4	6,900.0	45.7	40.6	-90.00	233.4	1,545.9	440.3	360.7	79.56	5.534		
9,600.0	6,900.0	9,537.4	6,900.0	45.4	40.9	-90.00	333.4	1,545.4	440.3	359.1	81.17	5.425		
9,700.0	6,900.0	9,637.4	6,900.0	45.2	41.4	-90.00	433.4	1,545.0	440.3	357.4	82.92	5.310		
9,800.0	6,900.0	9,737.4	6,900.0	45.0	42.1	-90.00	533.4	1,544.5	440.4	355.5	84.81	5.192		
9,835.8	6,900.0	9,773.3	6,900.0	44.9	42.4	-90.00	569.3	1,544.3	440.4	354.8	85.52	5.149		
9,865.7	6,900.0	9,800.1	6,900.0	44.9	42.6	-90.00	596.1	1,544.2	440.4	354.3	86.08	5.116		
9,900.0	6,900.0	9,830.4	6,900.0	44.9	42.8	-90.00	626.4	1,543.8	440.4	353.6	86.75	5.076		
10,000.0	6,900.0	9,911.7	6,900.0	45.1	43.5	-90.00	707.6	1,540.4	439.7	351.3	88.42	4.972		
10,052.2	6,900.0	9,954.1	6,900.0	45.4	43.9	-90.00	749.9	1,537.3	438.9	349.7	89.23	4.919		
10,093.0	6,900.0	9,987.6	6,900.0	45.8	44.2	-90.00	783.3	1,534.1	438.6	348.7	89.92	4.878		
10,100.0	6,900.0	9,994.2	6,900.0	45.9	44.3	-90.00	789.9	1,533.4	438.6	348.6	90.06	4.870		
10,200.0	6,900.0	10,094.2	6,900.0	47.1	45.5	-90.00	889.3	1,523.2	438.7	346.3	92.37	4.749		
10,300.0	6,900.0	10,194.2	6,900.0	48.5	46.9	-90.00	988.8	1,512.9	438.8	344.0	94.78	4.630		
10,400.0	6,900.0	10,294.2	6,900.0	49.9	48.2	-90.00	1,088.3	1,502.6	438.8	341.6	97.29	4.511		
10,500.0	6,900.0	10,394.2	6,900.0	51.3	49.6	-90.00	1,187.7	1,492.3	438.9	339.0	99.89	4.394		
10,600.0	6,900.0	10,494.2	6,900.0	52.8	51.1	-90.00	1,287.2	1,482.1	439.0	336.4	102.58	4.279		
10,700.0	6,900.0	10,594.2	6,900.0	54.4	52.6	-90.00	1,386.7	1,471.8	439.1	333.7	105.35	4.168		
10,800.0	6,900.0	10,694.2	6,900.0	55.9	54.1	-90.00	1,486.1	1,461.5	439.2	331.0	108.19	4.059		
10,900.0	6,900.0	10,794.2	6,900.0	57.5	55.6	-90.00	1,585.6	1,451.3	439.2	328.1	111.10	3.954		
11,000.0	6,900.0	10,894.2	6,900.0	59.0	57.2	-90.00	1,685.1	1,441.0	439.3	325.2	114.07	3.851		
11,100.0	6,900.0	10,994.2	6,900.0	60.6	58.8	-90.00	1,784.6	1,430.7	439.4	322.3	117.09	3.753		
11,200.0	6,900.0	11,094.2	6,900.0	62.3	60.4	-90.00	1,884.0	1,420.4	439.5	319.3	120.17	3.657		
11,300.0	6,900.0	11,194.2	6,900.0	63.9	62.0	-90.00	1,983.5	1,410.2	439.5	316.2	123.29	3.565		
11,400.0	6,900.0	11,294.2	6,900.0	65.5	63.6	-90.00	2,083.0	1,399.9	439.6	313.2	126.47	3.476		
11,500.0	6,900.0	11,394.2	6,900.0	67.2	65.3	-90.00	2,182.4	1,389.6	439.7	310.0	129.68	3.391		
11,600.0	6,900.0	11,494.2	6,900.0	68.9	67.0	-90.00	2,281.9	1,379.3	439.8	306.8	132.93	3.308		
11,700.0	6,900.0	11,594.2	6,900.0	70.5	68.6	-90.00	2,381.4	1,369.1	439.9	303.6	136.22	3.229		
11,722.9	6,900.0	11,617.1	6,900.0	70.9	69.0	-90.00	2,404.1	1,366.7	439.9	302.9	136.98	3.211 SF		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.27	60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	0.27	60.1	0.3	60.1	59.9	0.22	267.440		
200.0	200.0	200.0	200.0	0.3	0.3	0.27	60.1	0.3	60.1	59.4	0.67	89.147		
300.0	300.0	300.0	300.0	0.6	0.6	0.27	60.1	0.3	60.1	59.0	1.12	53.488		
400.0	400.0	400.0	400.0	0.8	0.8	0.27	60.1	0.3	60.1	58.5	1.57	38.206 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-140.11	60.1	0.3	61.4	59.4	2.00	30.684		
600.0	599.8	599.8	599.8	1.2	1.2	-142.99	60.1	0.3	65.5	63.1	2.42	27.032		
700.0	699.5	699.5	699.5	1.4	1.5	-147.05	60.1	0.3	72.7	69.8	2.86	25.403		
800.0	798.7	798.7	798.7	1.7	1.7	-151.51	60.1	0.3	83.2	79.9	3.31	25.146		
900.0	897.5	897.5	897.5	2.0	1.9	-155.78	60.1	0.3	97.3	93.5	3.76	25.863		
1,000.0	995.6	995.6	995.6	2.4	2.1	-159.55	60.1	0.3	115.0	110.8	4.21	27.280		
1,100.0	1,093.1	1,097.6	1,097.6	2.8	2.3	-162.80	58.7	1.1	134.7	130.1	4.65	29.002		
1,200.0	1,189.6	1,200.6	1,200.5	3.3	2.5	-165.50	54.0	3.7	154.6	149.6	5.05	30.597		
1,300.0	1,285.3	1,304.4	1,303.8	3.8	2.7	-167.83	46.0	8.1	174.6	169.1	5.47	31.891		
1,400.0	1,379.8	1,408.9	1,407.5	4.5	3.0	-169.91	34.6	14.3	194.6	188.7	5.91	32.929		
1,500.0	1,473.2	1,514.1	1,511.4	5.2	3.2	-171.82	19.8	22.4	214.5	208.2	6.36	33.744		
1,600.0	1,565.2	1,620.2	1,615.4	5.9	3.6	-173.60	1.5	32.5	234.5	227.7	6.83	34.359		
1,700.0	1,655.8	1,727.0	1,719.3	6.8	4.0	-175.28	-20.3	44.5	254.4	247.1	7.31	34.785		
1,795.1	1,740.6	1,829.4	1,817.8	7.6	4.4	-176.82	-44.4	57.7	273.3	265.5	7.81	35.020		
1,800.0	1,744.9	1,834.7	1,822.9	7.7	4.4	-176.90	-45.7	58.4	274.3	266.5	7.84	35.010		
1,900.0	1,833.3	1,943.4	1,926.5	8.6	5.0	-178.47	-74.8	74.4	292.2	283.8	8.47	34.518		
2,000.0	1,921.7	2,053.4	2,029.9	9.6	5.6	179.99	-107.7	92.5	306.6	297.5	9.13	33.588		
2,100.0	2,010.1	2,164.4	2,132.6	10.6	6.4	178.43	-144.4	112.7	317.5	307.6	9.87	32.173		
2,200.0	2,098.4	2,276.0	2,234.2	11.5	7.2	176.79	-184.8	134.9	324.7	314.0	10.67	30.435		
2,300.0	2,186.8	2,381.5	2,328.8	12.5	8.0	175.15	-225.8	157.5	328.9	317.4	11.52	28.544		
2,400.0	2,275.2	2,481.0	2,417.8	13.5	8.9	173.62	-264.9	178.9	332.9	320.5	12.42	26.812		
2,500.0	2,363.6	2,580.6	2,506.8	14.5	9.7	172.13	-304.0	200.4	337.2	323.8	13.37	25.217		
2,600.0	2,451.9	2,680.1	2,595.7	15.5	10.6	170.67	-343.1	221.9	341.6	327.2	14.38	23.751		
2,700.0	2,540.3	2,779.6	2,684.7	16.5	11.5	169.25	-382.1	243.4	346.3	330.8	15.46	22.404		
2,800.0	2,628.7	2,879.1	2,773.7	17.4	12.4	167.87	-421.2	264.8	351.2	334.6	16.59	21.171		
2,900.0	2,717.1	2,978.7	2,862.7	18.4	13.3	166.53	-460.3	286.3	356.2	338.5	17.77	20.042		
3,000.0	2,805.4	3,078.2	2,951.7	19.4	14.2	165.23	-499.3	307.8	361.5	342.5	19.02	19.010		
3,100.0	2,893.8	3,177.7	3,040.6	20.4	15.1	163.97	-538.4	329.3	367.0	346.7	20.31	18.067		
3,200.0	2,982.2	3,277.2	3,129.6	21.4	16.0	162.74	-577.5	350.7	372.6	350.9	21.65	17.207		
3,300.0	3,070.6	3,376.8	3,218.6	22.4	16.9	161.55	-616.6	372.2	378.4	355.3	23.04	16.421		
3,400.0	3,158.9	3,476.3	3,307.6	23.4	17.8	160.39	-655.6	393.7	384.3	359.9	24.47	15.703		
3,500.0	3,247.3	3,575.8	3,396.6	24.4	18.7	159.27	-694.7	415.2	390.4	364.5	25.95	15.047		
3,600.0	3,335.7	3,675.4	3,485.5	25.4	19.6	158.19	-733.8	436.6	396.7	369.2	27.46	14.447		
3,700.0	3,424.1	3,774.9	3,574.5	26.4	20.5	157.14	-772.8	458.1	403.1	374.1	29.00	13.898		
3,800.0	3,512.4	3,874.4	3,663.5	27.4	21.4	156.12	-811.9	479.6	409.6	379.0	30.58	13.394		
3,900.0	3,600.8	3,973.9	3,752.5	28.4	22.3	155.13	-851.0	501.1	416.2	384.0	32.19	12.932		
4,000.0	3,689.2	4,073.5	3,841.5	29.4	23.2	154.18	-890.1	522.5	423.0	389.2	33.82	12.507		
4,100.0	3,777.6	4,173.0	3,930.4	30.4	24.2	153.26	-929.1	544.0	429.9	394.4	35.48	12.115		
4,200.0	3,865.9	4,272.5	4,019.4	31.4	25.1	152.36	-968.2	565.5	436.9	399.7	37.16	11.755		
4,300.0	3,954.3	4,372.0	4,108.4	32.4	26.0	151.49	-1,007.3	587.0	443.9	405.1	38.87	11.421		
4,400.0	4,042.7	4,471.6	4,197.4	33.4	26.9	150.65	-1,046.4	608.4	451.1	410.5	40.59	11.113		
4,500.0	4,131.1	4,571.1	4,286.4	34.4	27.8	149.84	-1,085.4	629.9	458.4	416.1	42.34	10.828		
4,600.0	4,219.4	4,670.6	4,375.3	35.3	28.8	149.05	-1,124.5	651.4	465.8	421.7	44.09	10.563		
4,700.0	4,307.8	4,770.1	4,464.3	36.3	29.7	148.29	-1,163.6	672.9	473.2	427.4	45.87	10.318		
4,800.0	4,396.2	4,869.7	4,553.3	37.3	30.6	147.55	-1,202.6	694.3	480.8	433.1	47.65	10.089		
4,900.0	4,484.6	4,969.2	4,642.3	38.3	31.5	146.83	-1,241.7	715.8	488.4	438.9	49.45	9.876		
5,000.0	4,572.9	5,068.7	4,731.3	39.3	32.4	146.14	-1,280.8	737.3	496.1	444.8	51.26	9.677		

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 M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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
5,100.0	4,661.3	5,168.2	4,820.3	40.3	33.3	145.46	-1,319.9	758.8	503.8	450.7	53.09	9.491	
5,200.0	4,749.7	5,267.8	4,909.2	41.3	34.3	144.81	-1,358.9	780.3	511.6	456.7	54.92	9.317	
5,300.0	4,838.1	5,367.3	4,998.2	42.3	35.2	144.18	-1,398.0	801.7	519.5	462.8	56.76	9.154	
5,400.0	4,926.4	5,466.8	5,087.2	43.3	36.1	143.56	-1,437.1	823.2	527.5	468.9	58.60	9.001	
5,500.0	5,014.8	5,566.3	5,176.2	44.3	37.0	142.97	-1,476.1	844.7	535.5	475.0	60.46	8.857	
5,600.0	5,103.2	5,665.9	5,265.2	45.3	38.0	142.39	-1,515.2	866.2	543.6	481.2	62.32	8.722	
5,700.0	5,191.6	5,765.4	5,354.1	46.3	38.9	141.83	-1,554.3	887.6	551.7	487.5	64.19	8.595	
5,800.0	5,279.9	5,864.9	5,443.1	47.3	39.8	141.28	-1,593.4	909.1	559.8	493.8	66.06	8.475	
5,900.0	5,368.3	5,964.4	5,532.1	48.3	40.7	140.75	-1,632.4	930.6	568.1	500.1	67.94	8.362	
6,000.0	5,456.7	6,064.0	5,621.1	49.3	41.6	140.24	-1,671.5	952.1	576.3	506.5	69.82	8.255	
6,100.0	5,545.1	6,163.5	5,710.1	50.3	42.6	139.74	-1,710.6	973.5	584.6	512.9	71.70	8.154	
6,200.0	5,633.4	6,263.0	5,799.0	51.3	43.5	139.25	-1,749.6	995.0	593.0	519.4	73.59	8.058	
6,300.0	5,721.8	6,362.5	5,888.0	52.3	44.4	138.78	-1,788.7	1,016.5	601.4	525.9	75.48	7.967	
6,400.0	5,810.2	6,462.1	5,977.0	53.3	45.3	138.32	-1,827.8	1,038.0	609.8	532.4	77.38	7.881	
6,500.0	5,898.6	6,561.6	6,066.0	54.3	46.3	137.87	-1,866.9	1,059.4	618.3	539.0	79.28	7.799	
6,593.6	5,981.3	6,654.7	6,149.3	55.2	47.1	137.46	-1,903.4	1,079.5	626.3	545.2	81.06	7.726	
6,600.0	5,987.0	6,661.1	6,155.0	55.3	47.2	138.16	-1,905.9	1,080.9	626.8	545.7	81.14	7.725	
6,650.0	6,031.8	6,710.7	6,199.3	55.7	47.6	144.10	-1,925.4	1,091.6	631.0	549.1	81.89	7.705	
6,700.0	6,077.6	6,759.9	6,243.3	56.0	48.1	151.13	-1,944.7	1,102.2	634.9	552.1	82.88	7.661	
6,750.0	6,124.1	6,806.4	6,285.2	56.3	48.5	159.59	-1,961.9	1,112.4	639.0	555.1	83.87	7.618	
6,800.0	6,171.1	6,853.0	6,328.3	56.5	48.7	169.53	-1,976.4	1,122.7	643.2	558.5	84.74	7.591	
6,850.0	6,218.4	6,900.0	6,372.6	56.7	49.0	-179.56	-1,988.0	1,133.4	647.6	562.1	85.50	7.574	
6,900.0	6,265.6	6,948.0	6,418.4	56.9	49.2	-168.58	-1,996.8	1,144.4	652.2	566.0	86.16	7.569	
6,950.0	6,312.7	6,996.5	6,465.3	57.0	49.4	-158.42	-2,002.4	1,155.6	656.9	570.2	86.71	7.576	
7,000.0	6,359.3	7,045.7	6,513.1	57.1	49.5	-149.69	-2,004.8	1,167.1	661.8	574.7	87.13	7.595	
7,050.0	6,405.2	7,095.7	6,561.7	57.2	49.6	-142.52	-2,003.7	1,178.7	666.8	579.3	87.43	7.626	
7,100.0	6,450.3	7,146.5	6,610.8	57.2	49.6	-136.79	-1,999.1	1,190.4	671.8	584.2	87.59	7.670	
7,150.0	6,494.3	7,198.1	6,660.4	57.1	49.6	-132.27	-1,990.7	1,202.3	676.9	589.3	87.61	7.726	
7,200.0	6,536.9	7,250.6	6,710.0	57.1	49.6	-128.71	-1,978.5	1,214.1	682.0	594.5	87.50	7.795	
7,250.0	6,578.0	7,304.0	6,759.5	57.0	49.5	-125.90	-1,962.2	1,225.8	687.1	599.9	87.24	7.876	
7,300.0	6,617.3	7,358.3	6,808.5	56.8	49.4	-123.69	-1,941.8	1,237.5	692.2	605.3	86.85	7.970	
7,350.0	6,654.8	7,413.6	6,856.6	56.7	49.2	-121.93	-1,917.2	1,248.9	697.1	610.8	86.33	8.075	
7,400.0	6,690.1	7,469.8	6,903.6	56.5	49.0	-120.54	-1,888.4	1,260.0	701.9	616.2	85.69	8.191	
7,450.0	6,723.2	7,527.1	6,949.0	56.3	48.7	-119.43	-1,855.2	1,270.7	706.6	621.6	84.94	8.318	
7,500.0	6,753.8	7,585.2	6,992.3	56.0	48.4	-118.55	-1,817.8	1,280.9	710.9	626.9	84.10	8.454	
7,550.0	6,781.8	7,644.3	7,033.2	55.8	48.1	-117.86	-1,776.2	1,290.5	715.1	631.9	83.17	8.598	
7,600.0	6,807.1	7,704.3	7,071.1	55.5	47.7	-117.31	-1,730.6	1,299.3	718.9	636.7	82.18	8.748	
7,650.0	6,829.6	7,765.2	7,105.7	55.2	47.3	-116.89	-1,681.2	1,307.4	722.3	641.2	81.14	8.902	
7,700.0	6,849.1	7,826.8	7,136.4	54.9	46.8	-116.56	-1,628.2	1,314.5	725.4	645.3	80.09	9.057	
7,750.0	6,865.5	7,889.2	7,162.8	54.6	46.4	-116.31	-1,572.1	1,320.5	728.0	648.9	79.03	9.211	
7,800.0	6,878.8	7,952.1	7,184.6	54.3	45.9	-116.12	-1,513.3	1,325.5	730.1	652.1	78.00	9.360	
7,850.0	6,889.0	8,015.5	7,201.4	54.0	45.4	-115.99	-1,452.3	1,329.2	731.8	654.7	77.02	9.501	
7,900.0	6,895.8	8,079.3	7,212.9	53.7	44.9	-115.91	-1,389.6	1,331.7	732.9	656.8	76.10	9.631	
7,950.0	6,899.4	8,143.3	7,219.0	53.4	44.5	-115.87	-1,325.9	1,332.8	733.5	658.2	75.26	9.746	
7,979.5	6,900.0	8,181.1	7,220.0	53.2	44.2	-115.86	-1,288.2	1,332.9	733.6	658.8	74.81	9.806	
8,000.0	6,900.0	8,201.7	7,220.0	53.1	44.0	-115.86	-1,267.6	1,332.8	733.6	658.9	74.66	9.826	
8,100.0	6,900.0	8,301.7	7,220.0	52.4	43.3	-115.86	-1,167.6	1,332.3	733.6	659.7	73.90	9.927	
8,200.0	6,900.0	8,401.7	7,220.0	51.8	42.6	-115.86	-1,067.6	1,331.8	733.6	660.3	73.31	10.008	
8,300.0	6,900.0	8,501.7	7,220.0	51.1	42.0	-115.86	-967.6	1,331.4	733.7	660.8	72.88	10.067	
8,400.0	6,900.0	8,601.7	7,220.0	50.6	41.4	-115.86	-867.6	1,330.9	733.7	661.1	72.62	10.103	
8,500.0	6,900.0	8,701.7	7,220.0	50.0	40.8	-115.86	-767.6	1,330.4	733.7	661.2	72.53	10.116	
8,600.0	6,900.0	8,801.7	7,220.0	49.5	40.3	-115.86	-667.6	1,330.0	733.7	661.1	72.61	10.105	

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 M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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	
8,700.0	6,900.0	8,901.7	7,220.0	49.0	39.9	-115.86	-567.6	1,329.5	733.7	660.9	72.86	10.071	
8,800.0	6,900.0	9,001.7	7,220.0	48.5	39.5	-115.86	-467.6	1,329.0	733.7	660.5	73.27	10.014	
8,900.0	6,900.0	9,101.7	7,220.0	48.0	39.2	-115.86	-367.6	1,328.6	733.8	659.9	73.86	9.935	
9,000.0	6,900.0	9,201.7	7,220.0	47.6	38.9	-115.86	-267.6	1,328.1	733.8	659.2	74.60	9.836	
9,100.0	6,900.0	9,301.7	7,220.0	47.2	38.8	-115.85	-167.6	1,327.6	733.8	658.3	75.51	9.718	
9,200.0	6,900.0	9,401.7	7,220.0	46.8	38.7	-115.85	-67.6	1,327.2	733.8	657.3	76.56	9.585	
9,300.0	6,900.0	9,501.7	7,220.0	46.4	38.8	-115.85	32.4	1,326.7	733.8	656.1	77.76	9.437	
9,400.0	6,900.0	9,601.7	7,220.0	46.0	39.0	-115.85	132.4	1,326.2	733.9	654.8	79.10	9.278	
9,500.0	6,900.0	9,701.7	7,220.0	45.7	39.4	-115.85	232.4	1,325.8	733.9	653.3	80.57	9.109	
9,600.0	6,900.0	9,801.7	7,220.0	45.4	39.9	-115.85	332.4	1,325.3	733.9	651.7	82.16	8.932	
9,700.0	6,900.0	9,901.7	7,220.0	45.2	40.6	-115.85	432.4	1,324.8	733.9	650.0	83.87	8.750	
9,800.0	6,900.0	10,001.7	7,220.0	45.0	41.4	-115.85	532.4	1,324.3	733.9	648.2	85.70	8.564	
9,835.5	6,900.0	10,037.2	7,220.0	44.9	41.8	-115.85	567.9	1,324.2	733.9	647.6	86.37	8.497	
9,865.7	6,900.0	10,062.7	7,220.0	44.9	42.0	-115.85	593.4	1,324.1	734.0	647.1	86.90	8.446	
9,900.0	6,900.0	10,091.7	7,220.0	44.9	42.2	-115.85	622.4	1,323.7	733.9	646.5	87.39	8.398	
10,000.0	6,900.0	10,166.0	7,220.0	45.1	42.8	-115.88	696.6	1,320.8	733.1	644.6	88.51	8.283	
10,052.2	6,900.0	10,200.0	7,220.0	45.4	43.1	-115.92	730.6	1,318.5	732.2	643.2	89.02	8.225	
10,100.0	6,900.0	10,240.3	7,220.0	45.9	43.5	-115.94	770.7	1,315.0	731.6	641.8	89.81	8.146	
10,122.6	6,900.0	10,259.2	7,220.0	46.1	43.7	-115.94	789.5	1,313.1	731.6	641.4	90.20	8.110	
10,200.0	6,900.0	10,336.7	7,220.0	47.1	44.6	-115.94	866.6	1,305.1	731.7	639.8	91.85	7.966	
10,300.0	6,900.0	10,436.7	7,220.0	48.5	45.9	-115.93	966.0	1,294.8	731.7	637.7	94.09	7.777	
10,400.0	6,900.0	10,536.7	7,220.0	49.9	47.2	-115.93	1,065.5	1,284.5	731.8	635.4	96.41	7.591	
10,500.0	6,900.0	10,636.7	7,220.0	51.3	48.6	-115.92	1,165.0	1,274.2	731.9	633.1	98.81	7.408	
10,600.0	6,900.0	10,736.7	7,220.0	52.8	50.1	-115.92	1,264.5	1,263.9	732.0	630.8	101.28	7.228	
10,700.0	6,900.0	10,836.7	7,220.0	54.4	51.5	-115.92	1,363.9	1,253.5	732.1	628.3	103.82	7.052	
10,800.0	6,900.0	10,936.7	7,220.0	55.9	53.0	-115.91	1,463.4	1,243.2	732.2	625.8	106.42	6.881	
10,900.0	6,900.0	11,036.7	7,220.0	57.5	54.6	-115.91	1,562.9	1,232.9	732.3	623.3	109.07	6.714	
11,000.0	6,900.0	11,136.7	7,220.0	59.0	56.1	-115.91	1,662.3	1,222.6	732.4	620.7	111.78	6.553	
11,100.0	6,900.0	11,236.7	7,220.0	60.6	57.7	-115.90	1,761.8	1,212.3	732.5	618.0	114.54	6.396	
11,200.0	6,900.0	11,336.7	7,220.0	62.3	59.3	-115.90	1,861.3	1,202.0	732.6	615.3	117.34	6.244	
11,300.0	6,900.0	11,436.7	7,220.0	63.9	60.9	-115.89	1,960.7	1,191.7	732.7	612.6	120.19	6.097	
11,400.0	6,900.0	11,536.7	7,220.0	65.5	62.5	-115.89	2,060.2	1,181.4	732.8	609.8	123.07	5.955	
11,500.0	6,900.0	11,636.7	7,220.0	67.2	64.2	-115.89	2,159.7	1,171.1	732.9	606.9	126.00	5.817	
11,600.0	6,900.0	11,736.7	7,220.0	68.9	65.8	-115.88	2,259.1	1,160.8	733.0	604.1	128.95	5.685	
11,700.0	6,900.0	11,836.7	7,220.0	70.5	67.5	-115.88	2,358.6	1,150.5	733.1	601.2	131.94	5.557	
11,722.9	6,900.0	11,859.6	7,220.0	70.9	67.9	-115.88	2,381.3	1,148.1	733.2	600.5	132.63	5.528 SF	

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista A-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							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	0.00	80.2	0.0	80.2					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	80.2	0.0	80.2	79.9	0.22	356.602		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	80.2	0.0	80.2	79.5	0.67	118.867		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	80.2	0.0	80.2	79.0	1.12	71.320		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	80.2	0.0	80.2	78.6	1.57	50.943 CC, ES		
500.0	500.0	500.0	500.0	1.0	1.0	-140.11	80.2	0.0	81.5	79.5	2.00	40.694		
600.0	599.8	599.8	599.8	1.2	1.2	-142.30	80.2	0.0	85.6	83.1	2.42	35.291		
700.0	699.5	699.5	699.5	1.4	1.5	-145.52	80.2	0.0	92.6	89.8	2.86	32.360		
800.0	798.7	798.7	798.7	1.7	1.7	-149.25	80.2	0.0	102.9	99.6	3.31	31.081		
900.0	897.5	897.5	897.5	2.0	1.9	-153.05	80.2	0.0	116.7	112.9	3.77	30.971		
1,000.0	995.6	995.6	995.6	2.4	2.1	-156.60	80.2	0.0	134.0	129.8	4.23	31.710		
1,100.0	1,093.1	1,093.1	1,093.1	2.8	2.3	-159.74	80.2	0.0	155.0	150.3	4.68	33.075		
1,200.0	1,189.6	1,189.6	1,189.6	3.3	2.6	-162.44	80.2	0.0	179.5	174.4	5.14	34.901		
1,300.0	1,285.3	1,291.9	1,291.9	3.8	2.8	-164.89	78.8	0.6	206.3	200.7	5.58	36.943		
1,400.0	1,379.8	1,395.9	1,395.7	4.5	3.0	-167.06	74.0	2.7	233.2	227.2	6.00	38.876		
1,500.0	1,473.2	1,500.8	1,500.3	5.2	3.2	-169.03	65.7	6.4	260.1	253.7	6.42	40.510		
1,600.0	1,565.2	1,606.8	1,605.5	5.9	3.4	-170.86	53.8	11.7	287.1	280.2	6.86	41.863		
1,700.0	1,655.8	1,713.9	1,711.1	6.8	3.6	-172.60	38.1	18.6	314.1	306.8	7.31	42.969		
1,795.1	1,740.6	1,816.6	1,811.9	7.6	3.9	-174.19	19.7	26.7	339.8	332.0	7.76	43.805		
1,800.0	1,744.9	1,821.9	1,817.1	7.7	4.0	-174.28	18.6	27.2	341.1	333.3	7.78	43.820		
1,900.0	1,833.3	1,931.6	1,923.7	8.6	4.3	-175.92	-4.8	37.6	366.2	357.9	8.35	43.837		
2,000.0	1,921.7	2,043.1	2,031.0	9.6	4.8	-177.50	-32.5	49.8	387.9	378.9	8.96	43.272		
2,100.0	2,010.1	2,156.2	2,138.6	10.6	5.4	-179.07	-64.5	63.9	406.1	396.5	9.62	42.225		
2,200.0	2,098.4	2,270.5	2,245.8	11.5	6.0	179.32	-100.7	79.9	420.7	410.4	10.33	40.732		
2,300.0	2,186.8	2,385.7	2,352.1	12.5	6.8	177.63	-141.1	97.8	431.9	420.7	11.12	38.850		
2,400.0	2,275.2	2,501.4	2,457.1	13.5	7.6	175.83	-185.6	117.5	439.5	427.5	11.99	36.645		
2,500.0	2,363.6	2,617.2	2,560.1	14.5	8.6	173.89	-234.0	138.9	443.7	430.7	12.99	34.163		
2,600.0	2,451.9	2,722.2	2,652.0	15.5	9.5	172.00	-280.6	159.5	445.3	431.2	14.04	31.708		
2,700.0	2,540.3	2,821.2	2,738.4	16.5	10.4	170.22	-324.7	179.0	447.1	431.9	15.16	29.501		
2,800.0	2,628.7	2,920.2	2,824.8	17.4	11.3	168.46	-368.9	198.5	449.4	433.0	16.36	27.471		
2,900.0	2,717.1	3,019.2	2,911.3	18.4	12.2	166.71	-413.0	218.0	452.0	434.4	17.65	25.614		
3,000.0	2,805.4	3,118.2	2,997.7	19.4	13.2	164.99	-457.1	237.5	455.1	436.1	19.03	23.922		
3,100.0	2,893.8	3,217.2	3,084.1	20.4	14.1	163.29	-501.3	257.0	458.7	438.2	20.49	22.388		
3,200.0	2,982.2	3,316.2	3,170.6	21.4	15.1	161.62	-545.4	276.5	462.6	440.6	22.03	20.999		
3,300.0	3,070.6	3,415.2	3,257.0	22.4	16.0	159.97	-589.6	296.1	466.9	443.3	23.65	19.746		
3,400.0	3,158.9	3,514.2	3,343.5	23.4	17.0	158.36	-633.7	315.6	471.6	446.3	25.33	18.616		
3,500.0	3,247.3	3,613.2	3,429.9	24.4	18.0	156.78	-677.9	335.1	476.7	449.6	27.09	17.598		
3,600.0	3,335.7	3,712.2	3,516.3	25.4	18.9	155.24	-722.0	354.6	482.1	453.2	28.90	16.682		
3,700.0	3,424.1	3,811.2	3,602.8	26.4	19.9	153.72	-766.2	374.1	487.9	457.1	30.77	15.856		
3,800.0	3,512.4	3,910.2	3,689.2	27.4	20.9	152.25	-810.3	393.6	494.0	461.3	32.69	15.113		
3,900.0	3,600.8	4,009.2	3,775.6	28.4	21.9	150.81	-854.4	413.1	500.5	465.8	34.65	14.442		
4,000.0	3,689.2	4,108.2	3,862.1	29.4	22.8	149.41	-898.6	432.7	507.2	470.6	36.66	13.836		
4,100.0	3,777.6	4,207.2	3,948.5	30.4	23.8	148.04	-942.7	452.2	514.3	475.6	38.70	13.289		
4,200.0	3,865.9	4,306.2	4,034.9	31.4	24.8	146.71	-986.9	471.7	521.6	480.8	40.77	12.794		
4,300.0	3,954.3	4,405.2	4,121.4	32.4	25.8	145.42	-1,031.0	491.2	529.2	486.4	42.87	12.345		
4,400.0	4,042.7	4,504.2	4,207.8	33.4	26.7	144.17	-1,075.2	510.7	537.1	492.1	45.00	11.937		
4,500.0	4,131.1	4,603.2	4,294.3	34.4	27.7	142.95	-1,119.3	530.2	545.2	498.1	47.14	11.566		
4,600.0	4,219.4	4,702.2	4,380.7	35.3	28.7	141.77	-1,163.4	549.7	553.6	504.3	49.30	11.229		
4,700.0	4,307.8	4,801.2	4,467.1	36.3	29.7	140.62	-1,207.6	569.3	562.2	510.7	51.48	10.921		
4,800.0	4,396.2	4,900.2	4,553.6	37.3	30.7	139.51	-1,251.7	588.8	571.0	517.4	53.67	10.640		
4,900.0	4,484.6	4,999.2	4,640.0	38.3	31.6	138.43	-1,295.9	608.3	580.1	524.2	55.87	10.382		
5,000.0	4,572.9	5,098.2	4,726.4	39.3	32.6	137.39	-1,340.0	627.8	589.3	531.2	58.08	10.146		

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.0 ft
Survey Program: 0-MWID												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	4,661.3	5,197.2	4,812.9	40.3	33.6	136.37	-1,384.2	647.3	598.7	538.4	60.30	9.930	
5,200.0	4,749.7	5,296.2	4,899.3	41.3	34.6	135.39	-1,428.3	666.8	608.3	545.8	62.52	9.731	
5,300.0	4,838.1	5,395.2	4,985.7	42.3	35.6	134.44	-1,472.4	686.3	618.1	553.4	64.74	9.547	
5,400.0	4,926.4	5,494.2	5,072.2	43.3	36.6	133.52	-1,516.6	705.9	628.0	561.1	66.96	9.379	
5,500.0	5,014.8	5,593.2	5,158.6	44.3	37.6	132.63	-1,560.7	725.4	638.1	568.9	69.19	9.223	
5,600.0	5,103.2	5,692.2	5,245.1	45.3	38.5	131.76	-1,604.9	744.9	648.4	577.0	71.42	9.079	
5,700.0	5,191.6	5,791.2	5,331.5	46.3	39.5	130.92	-1,649.0	764.4	658.8	585.1	73.64	8.945	
5,800.0	5,279.9	5,890.2	5,417.9	47.3	40.5	130.11	-1,693.2	783.9	669.3	593.4	75.87	8.822	
5,900.0	5,368.3	5,989.2	5,504.4	48.3	41.5	129.32	-1,737.3	803.4	680.0	601.9	78.09	8.707	
6,000.0	5,456.7	6,088.2	5,590.8	49.3	42.5	128.56	-1,781.5	822.9	690.7	610.4	80.31	8.601	
6,100.0	5,545.1	6,187.2	5,677.2	50.3	43.5	127.82	-1,825.6	842.5	701.6	619.1	82.53	8.502	
6,200.0	5,633.4	6,286.2	5,763.7	51.3	44.5	127.10	-1,869.7	862.0	712.6	627.9	84.74	8.409	
6,300.0	5,721.8	6,385.2	5,850.1	52.3	45.4	126.41	-1,913.9	881.5	723.8	636.8	86.96	8.323	
6,400.0	5,810.2	6,490.5	5,943.1	53.3	46.3	125.89	-1,958.5	902.5	734.8	645.8	88.96	8.259	
6,500.0	5,898.6	6,600.7	6,045.7	54.3	47.0	125.53	-1,991.0	925.5	744.4	654.5	89.94	8.277	
6,593.6	5,981.3	6,699.7	6,141.1	55.2	47.3	128.18	-2,006.2	946.9	752.6	662.7	89.89	8.373	
6,600.0	5,987.0	6,706.2	6,147.5	55.3	47.3	129.05	-2,006.7	948.3	753.1	663.3	89.80	8.386	
6,650.0	6,031.8	6,756.7	6,196.7	55.7	47.5	136.51	-2,008.7	959.4	757.7	668.6	89.07	8.506	
6,700.0	6,077.6	6,806.2	6,245.0	56.0	47.5	145.38	-2,007.3	970.1	762.6	674.4	88.21	8.645	
6,750.0	6,124.1	6,854.8	6,292.1	56.3	47.5	155.80	-2,002.6	980.6	767.8	680.5	87.26	8.799	
6,800.0	6,171.1	6,902.4	6,338.0	56.5	47.5	167.68	-1,994.7	990.9	773.4	687.1	86.25	8.967	
6,850.0	6,218.4	6,950.0	6,383.2	56.7	47.5	-179.47	-1,983.8	1,000.9	779.1	694.0	85.17	9.148	
6,900.0	6,265.6	6,995.3	6,425.5	56.9	47.4	-166.60	-1,970.6	1,010.3	785.2	701.1	84.10	9.336	
6,950.0	6,312.7	7,040.7	6,467.0	57.0	47.3	-154.57	-1,954.6	1,019.5	791.3	708.3	83.02	9.532	
7,000.0	6,359.3	7,085.4	6,506.8	57.1	47.1	-144.01	-1,936.3	1,028.3	797.6	715.7	81.95	9.733	
7,050.0	6,405.2	7,129.6	6,544.9	57.2	46.9	-135.06	-1,915.7	1,036.7	804.0	723.1	80.93	9.935	
7,100.0	6,450.3	7,173.1	6,581.3	57.2	46.7	-127.61	-1,893.1	1,044.7	810.4	730.4	79.95	10.136	
7,150.0	6,494.3	7,216.2	6,615.8	57.1	46.5	-121.42	-1,868.6	1,052.4	816.7	737.7	79.03	10.334	
7,200.0	6,536.9	7,258.8	6,648.5	57.1	46.3	-116.25	-1,842.3	1,059.5	823.0	744.8	78.19	10.525	
7,250.0	6,578.0	7,300.0	6,678.7	57.0	46.0	-111.92	-1,815.0	1,066.2	829.1	751.6	77.44	10.706	
7,300.0	6,617.3	7,342.8	6,708.3	56.8	45.8	-108.23	-1,784.8	1,072.6	835.0	758.3	76.74	10.881	
7,350.0	6,654.8	7,384.2	6,735.3	56.7	45.5	-105.09	-1,753.9	1,078.5	840.8	764.6	76.16	11.040	
7,400.0	6,690.1	7,425.4	6,760.3	56.5	45.2	-102.40	-1,721.6	1,083.9	846.2	770.6	75.66	11.184	
7,450.0	6,723.2	7,466.2	6,783.3	56.3	44.9	-100.08	-1,688.2	1,088.9	851.4	776.1	75.27	11.311	
7,500.0	6,753.8	7,506.8	6,804.2	56.0	44.6	-98.08	-1,653.8	1,093.5	856.2	781.2	74.98	11.419	
7,550.0	6,781.8	7,550.0	6,824.4	55.8	44.2	-96.34	-1,615.9	1,097.8	860.6	785.9	74.75	11.513	
7,600.0	6,807.1	7,587.4	6,840.1	55.5	43.9	-94.89	-1,582.1	1,101.1	864.7	790.0	74.69	11.576	
7,650.0	6,829.6	7,627.4	6,854.9	55.2	43.6	-93.64	-1,545.1	1,104.3	868.3	793.6	74.70	11.623	
7,700.0	6,849.1	7,667.3	6,867.6	54.9	43.3	-92.60	-1,507.4	1,107.0	871.4	796.6	74.80	11.650	
7,750.0	6,865.5	7,707.0	6,878.2	54.6	43.0	-91.74	-1,469.2	1,109.2	874.1	799.1	74.99	11.656	
7,800.0	6,878.8	7,750.0	6,887.4	54.3	42.7	-91.06	-1,427.2	1,111.0	876.3	801.1	75.23	11.648	
7,850.0	6,889.0	7,786.2	6,893.2	54.0	42.4	-90.56	-1,391.5	1,112.1	877.9	802.3	75.60	11.614	
7,900.0	6,895.8	7,825.7	6,897.5	53.7	42.1	-90.22	-1,352.3	1,112.9	879.1	803.1	75.99	11.568	
7,950.0	6,899.4	7,865.1	6,899.7	53.4	41.8	-90.03	-1,312.9	1,113.2	879.7	803.3	76.43	11.510	
7,979.5	6,900.0	7,889.0	6,900.0	53.2	41.6	-90.00	-1,289.0	1,113.2	879.8	803.1	76.70	11.471	
8,000.0	6,900.0	7,909.5	6,900.0	53.1	41.4	-90.00	-1,268.5	1,113.1	879.8	803.4	76.44	11.510	
8,100.0	6,900.0	8,009.5	6,900.0	52.4	40.7	-90.00	-1,168.5	1,112.6	879.8	804.6	75.20	11.701	
8,200.0	6,900.0	8,109.5	6,900.0	51.8	40.0	-90.00	-1,068.5	1,112.2	879.8	805.7	74.13	11.869	
8,300.0	6,900.0	8,209.5	6,900.0	51.1	39.3	-90.00	-968.5	1,111.7	879.9	806.6	73.25	12.012	
8,400.0	6,900.0	8,309.5	6,900.0	50.6	38.8	-90.00	-868.5	1,111.3	879.9	807.3	72.56	12.126	
8,500.0	6,900.0	8,409.5	6,900.0	50.0	38.2	-90.00	-768.5	1,110.8	879.9	807.8	72.07	12.208	
8,600.0	6,900.0	8,509.5	6,900.0	49.5	37.8	-90.00	-668.5	1,110.3	879.9	808.1	71.79	12.257	

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 M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	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	
8,700.0	6,900.0	8,609.5	6,900.0	49.0	37.4	-90.00	-568.5	1,109.9	879.9	808.2	71.71	12.271	
8,800.0	6,900.0	8,709.5	6,900.0	48.5	37.1	-90.00	-468.5	1,109.4	879.9	808.1	71.83	12.250	
8,900.0	6,900.0	8,809.5	6,900.0	48.0	36.9	-90.00	-368.5	1,109.0	879.9	807.8	72.16	12.194	
9,000.0	6,900.0	8,909.5	6,900.0	47.6	36.8	-90.00	-268.5	1,108.5	879.9	807.2	72.70	12.104	
9,100.0	6,900.0	9,009.5	6,900.0	47.2	36.8	-90.00	-168.5	1,108.0	879.9	806.5	73.43	11.984	
9,200.0	6,900.0	9,109.5	6,900.0	46.8	36.9	-90.00	-68.5	1,107.6	879.9	805.6	74.35	11.835	
9,300.0	6,900.0	9,209.5	6,900.0	46.4	37.2	-90.00	31.5	1,107.1	880.0	804.5	75.46	11.662	
9,400.0	6,900.0	9,309.5	6,900.0	46.0	37.6	-90.00	131.5	1,106.7	880.0	803.2	76.74	11.467	
9,500.0	6,900.0	9,409.5	6,900.0	45.7	38.1	-90.00	231.5	1,106.2	880.0	801.8	78.19	11.254	
9,600.0	6,900.0	9,509.5	6,900.0	45.4	38.8	-90.00	331.5	1,105.8	880.0	800.2	79.80	11.027	
9,700.0	6,900.0	9,609.5	6,900.0	45.2	39.6	-90.00	431.5	1,105.3	880.0	798.4	81.57	10.789	
9,800.0	6,900.0	9,709.5	6,900.0	45.0	40.5	-90.00	531.5	1,104.8	880.0	796.5	83.47	10.543	
9,835.4	6,900.0	9,744.9	6,900.0	44.9	40.9	-90.00	566.8	1,104.7	880.0	795.8	84.17	10.455	
9,865.7	6,900.0	9,768.9	6,900.0	44.9	41.1	-90.00	590.9	1,104.6	880.0	795.3	84.72	10.388	
9,900.0	6,900.0	9,800.0	6,900.0	44.9	41.4	-90.00	622.0	1,104.2	880.0	794.7	85.35	10.310	
10,000.0	6,900.0	9,865.2	6,900.0	45.1	41.9	-90.00	687.1	1,101.7	878.8	792.1	86.72	10.134	
10,052.2	6,900.0	9,900.0	6,900.0	45.4	42.2	-90.00	721.8	1,099.5	877.6	790.2	87.38	10.043	
10,100.0	6,900.0	9,933.7	6,900.0	45.9	42.5	-90.00	755.4	1,096.7	876.6	788.5	88.14	9.946	
10,135.3	6,900.0	9,959.0	6,900.0	46.3	42.7	-90.00	780.6	1,094.2	876.5	787.7	88.74	9.877	
10,200.0	6,900.0	10,022.0	6,900.0	47.1	43.4	-90.00	843.3	1,087.7	876.6	786.4	90.18	9.721	
10,300.0	6,900.0	10,122.0	6,900.0	48.5	44.7	-90.00	942.7	1,077.3	876.8	784.2	92.60	9.468	
10,400.0	6,900.0	10,222.0	6,900.0	49.9	46.1	-90.00	1,042.2	1,066.9	877.0	781.9	95.13	9.219	
10,500.0	6,900.0	10,322.0	6,900.0	51.3	47.5	-90.00	1,141.6	1,056.5	877.2	779.4	97.75	8.974	
10,600.0	6,900.0	10,422.0	6,900.0	52.8	48.9	-90.00	1,241.1	1,046.1	877.4	776.9	100.46	8.734	
10,700.0	6,900.0	10,522.0	6,900.0	54.4	50.4	-90.00	1,340.6	1,035.7	877.6	774.3	103.24	8.500	
10,800.0	6,900.0	10,622.0	6,900.0	55.9	51.9	-90.00	1,440.0	1,025.3	877.8	771.7	106.10	8.273	
10,900.0	6,900.0	10,722.0	6,900.0	57.5	53.4	-90.00	1,539.5	1,014.9	878.0	769.0	109.02	8.053	
11,000.0	6,900.0	10,822.0	6,900.0	59.0	54.9	-90.00	1,638.9	1,004.5	878.2	766.2	112.01	7.840	
11,100.0	6,900.0	10,922.0	6,900.0	60.6	56.5	-90.00	1,738.4	994.1	878.4	763.3	115.06	7.634	
11,200.0	6,900.0	11,022.0	6,900.0	62.3	58.1	-90.00	1,837.9	983.8	878.6	760.4	118.15	7.436	
11,300.0	6,900.0	11,122.0	6,900.0	63.9	59.7	-90.00	1,937.3	973.4	878.8	757.5	121.30	7.245	
11,400.0	6,900.0	11,222.0	6,900.0	65.5	61.4	-90.00	2,036.8	963.0	879.0	754.5	124.49	7.061	
11,500.0	6,900.0	11,322.0	6,900.0	67.2	63.0	-90.00	2,136.2	952.6	879.2	751.5	127.72	6.884	
11,600.0	6,900.0	11,422.0	6,900.0	68.9	64.7	-90.00	2,235.7	942.2	879.4	748.4	130.99	6.713	
11,700.0	6,900.0	11,522.0	6,900.0	70.5	66.4	-90.00	2,335.1	931.8	879.6	745.3	134.29	6.550	
11,722.9	6,900.0	11,544.9	6,900.0	70.9	66.7	-90.00	2,357.9	929.4	879.6	744.6	135.06	6.513 SF	

SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-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							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	0.0	0.0	0.0	0.0	179.20	-20.0	0.3	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	179.20	-20.0	0.3	20.0	19.8	0.22	89.154		
200.0	200.0	200.0	200.0	0.3	0.3	179.20	-20.0	0.3	20.0	19.4	0.67	29.718	CC	
300.0	300.0	299.5	299.4	0.6	0.5	176.00	-21.3	1.5	21.3	20.2	1.10	19.329		
400.0	400.0	398.7	398.5	0.8	0.8	168.45	-25.0	5.1	25.5	24.0	1.54	16.572		
500.0	500.0	497.6	497.0	1.0	1.0	22.11	-31.1	11.1	31.5	29.5	1.96	16.045		
600.0	599.8	596.2	595.0	1.2	1.3	17.09	-39.6	19.4	37.7	35.3	2.38	15.818		
700.0	699.5	694.7	692.2	1.4	1.6	13.24	-50.5	30.1	44.0	41.2	2.82	15.594		
800.0	798.7	792.9	788.7	1.7	2.0	10.14	-63.7	43.1	50.3	47.0	3.27	15.375		
900.0	897.5	890.9	884.2	2.0	2.4	7.53	-79.2	58.3	56.7	52.9	3.74	15.155		
1,000.0	995.6	988.6	978.7	2.4	2.9	5.27	-97.1	75.8	63.0	58.8	4.22	14.928		
1,100.0	1,093.1	1,086.2	1,072.1	2.8	3.5	3.25	-117.1	95.5	69.3	64.6	4.72	14.690		
1,200.0	1,189.6	1,183.5	1,164.3	3.3	4.1	1.43	-139.4	117.3	75.6	70.4	5.24	14.438		
1,300.0	1,285.3	1,280.6	1,255.2	3.8	4.8	-0.26	-163.8	141.3	81.9	76.1	5.78	14.162		
1,400.0	1,379.8	1,377.5	1,344.6	4.5	5.6	-1.83	-190.4	167.3	88.1	81.7	6.34	13.895		
1,500.0	1,473.2	1,474.2	1,432.6	5.2	6.4	-3.31	-219.1	195.4	94.3	87.3	6.94	13.573		
1,600.0	1,565.2	1,572.3	1,520.6	5.9	7.3	-4.76	-250.0	225.8	100.0	92.4	7.59	13.183		
1,700.0	1,655.8	1,672.2	1,610.0	6.8	8.2	-6.26	-281.9	257.0	102.9	94.6	8.28	12.430		
1,795.1	1,740.6	1,767.2	1,695.0	7.6	9.1	-7.86	-312.2	286.8	102.4	93.4	8.98	11.404		
1,800.0	1,744.9	1,772.1	1,699.4	7.7	9.1	-7.95	-313.8	288.3	102.3	93.3	9.02	11.340		
1,900.0	1,833.3	1,872.1	1,788.8	8.6	10.1	-9.80	-345.6	319.5	100.3	90.4	9.90	10.136		
2,000.0	1,921.7	1,972.0	1,878.2	9.6	11.0	-11.73	-377.5	350.8	98.4	87.6	10.85	9.074		
2,100.0	2,010.1	2,071.9	1,967.6	10.6	11.9	-13.72	-409.4	382.0	96.6	84.8	11.88	8.131		
2,200.0	2,098.4	2,171.8	2,057.0	11.5	12.9	-15.80	-441.2	413.3	95.0	82.0	13.02	7.293		
2,300.0	2,186.8	2,271.8	2,146.4	12.5	13.8	-17.94	-473.1	444.5	93.5	79.2	14.27	6.547		
2,400.0	2,275.2	2,371.7	2,235.8	13.5	14.8	-20.15	-505.0	475.7	92.1	76.4	15.65	5.884		
2,500.0	2,363.6	2,471.6	2,325.2	14.5	15.7	-22.43	-536.8	507.0	90.8	73.7	17.15	5.296		
2,600.0	2,451.9	2,571.5	2,414.6	15.5	16.7	-24.76	-568.7	538.2	89.7	70.9	18.78	4.776		
2,700.0	2,540.3	2,671.5	2,504.1	16.5	17.6	-27.15	-600.5	569.5	88.7	68.2	20.55	4.319		
2,800.0	2,628.7	2,771.4	2,593.5	17.4	18.6	-29.59	-632.4	600.7	87.9	65.5	22.45	3.917		
2,900.0	2,717.1	2,871.3	2,682.9	18.4	19.5	-32.06	-664.3	632.0	87.3	62.8	24.48	3.566		
3,000.0	2,805.4	2,971.3	2,772.3	19.4	20.5	-34.57	-696.1	663.2	86.8	60.2	26.64	3.260		
3,100.0	2,893.8	3,071.2	2,861.7	20.4	21.4	-37.10	-728.0	694.5	86.5	57.6	28.91	2.994		
3,200.0	2,982.2	3,171.1	2,951.1	21.4	22.4	-39.65	-759.9	725.7	86.4	55.1	31.28	2.762		
3,226.3	3,005.5	3,197.4	2,974.6	21.7	22.6	-40.32	-768.3	733.9	86.4	54.5	31.92	2.707		
3,300.0	3,070.6	3,271.0	3,040.5	22.4	23.3	-42.19	-791.7	756.9	86.5	52.7	33.74	2.562		
3,400.0	3,158.9	3,371.0	3,129.9	23.4	24.3	-44.73	-823.6	788.2	86.7	50.4	36.28	2.389		
3,500.0	3,247.3	3,470.9	3,219.3	24.4	25.2	-47.25	-855.5	819.4	87.0	48.2	38.87	2.239		
3,600.0	3,335.7	3,570.8	3,308.7	25.4	26.2	-49.74	-887.3	850.7	87.6	46.1	41.51	2.110		
3,700.0	3,424.1	3,670.7	3,398.1	26.4	27.1	-52.20	-919.2	881.9	88.3	44.1	44.18	1.999		
3,800.0	3,512.4	3,770.7	3,487.5	27.4	28.1	-54.62	-951.1	913.2	89.2	42.3	46.87	1.902		
3,900.0	3,600.8	3,870.6	3,576.9	28.4	29.1	-56.98	-982.9	944.4	90.2	40.6	49.57	1.820		
4,000.0	3,689.2	3,970.5	3,666.3	29.4	30.0	-59.29	-1,014.8	975.7	91.4	39.1	52.25	1.749		
4,100.0	3,777.6	4,070.4	3,755.8	30.4	31.0	-61.54	-1,046.7	1,006.9	92.7	37.8	54.92	1.688		
4,200.0	3,865.9	4,170.4	3,845.2	31.4	31.9	-63.71	-1,078.5	1,038.1	94.2	36.6	57.57	1.636		
4,300.0	3,954.3	4,270.3	3,934.6	32.4	32.9	-65.82	-1,110.4	1,069.4	95.8	35.6	60.19	1.591		
4,400.0	4,042.7	4,370.2	4,024.0	33.4	33.8	-67.86	-1,142.2	1,100.6	97.5	34.7	62.76	1.553		
4,500.0	4,131.1	4,470.1	4,113.4	34.4	34.8	-69.83	-1,174.1	1,131.9	99.3	34.0	65.30	1.521		
4,600.0	4,219.4	4,570.1	4,202.8	35.3	35.7	-71.72	-1,206.0	1,163.1	101.3	33.5	67.80	1.493	Level 3	
4,700.0	4,307.8	4,670.0	4,292.2	36.3	36.7	-73.54	-1,237.8	1,194.4	103.3	33.1	70.25	1.471	Level 3	
4,800.0	4,396.2	4,769.9	4,381.6	37.3	37.6	-75.28	-1,269.7	1,225.6	105.5	32.8	72.66	1.452	Level 3	
4,900.0	4,484.6	4,869.8	4,471.0	38.3	38.6	-76.96	-1,301.6	1,256.9	107.7	32.7	75.02	1.436	Level 3	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

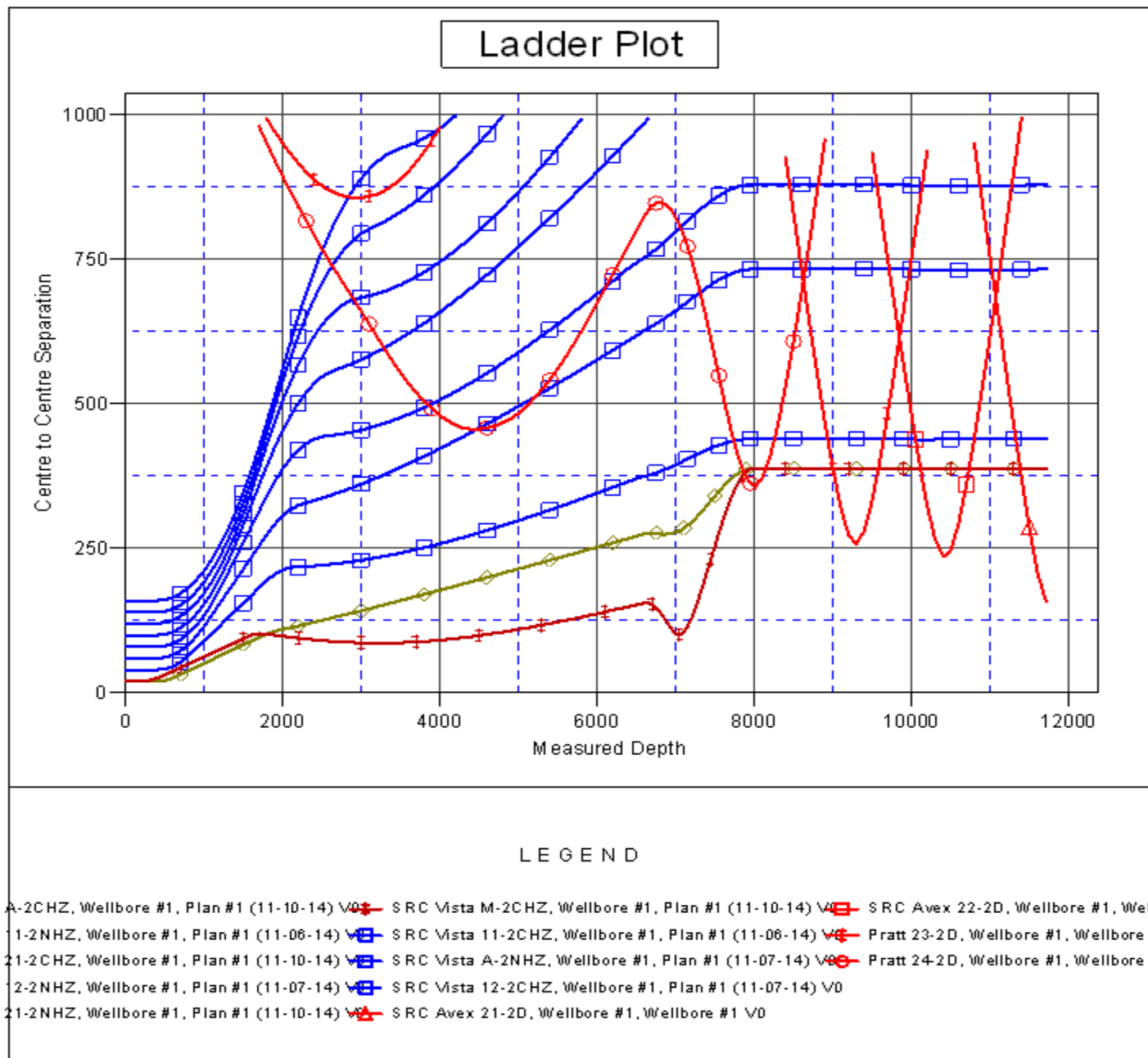
Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWDD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,572.9	4,969.8	4,560.4	39.3	39.6	-78.56	-1,333.4	1,288.1	110.1	32.7	77.33	1.423 Level 3		
5,100.0	4,661.3	5,069.7	4,649.8	40.3	40.5	-80.10	-1,365.3	1,319.3	112.5	32.9	79.60	1.413 Level 3		
5,200.0	4,749.7	5,169.6	4,739.2	41.3	41.5	-81.57	-1,397.2	1,350.6	115.0	33.1	81.83	1.405 Level 3		
5,300.0	4,838.1	5,269.6	4,828.6	42.3	42.4	-82.98	-1,429.0	1,381.8	117.5	33.5	84.02	1.399 Level 3		
5,400.0	4,926.4	5,369.5	4,918.0	43.3	43.4	-84.33	-1,460.9	1,413.1	120.2	34.0	86.17	1.395 Level 3		
5,500.0	5,014.8	5,469.4	5,007.5	44.3	44.3	-85.61	-1,492.8	1,444.3	122.9	34.6	88.29	1.392 Level 3		
5,600.0	5,103.2	5,569.3	5,096.9	45.3	45.3	-86.85	-1,524.6	1,475.6	125.6	35.3	90.36	1.390 Level 3		
5,700.0	5,191.6	5,669.3	5,186.3	46.3	46.2	-88.03	-1,556.5	1,506.8	128.5	36.1	92.41	1.390 Level 3		
5,800.0	5,279.9	5,769.2	5,275.7	47.3	47.2	-89.15	-1,588.4	1,538.1	131.3	36.9	94.43	1.391 Level 3		
5,900.0	5,368.3	5,869.1	5,365.1	48.3	48.2	-90.23	-1,620.2	1,569.3	134.2	37.8	96.41	1.392 Level 3		
6,000.0	5,456.7	5,969.0	5,454.5	49.3	49.1	-91.27	-1,652.1	1,600.5	137.2	38.8	98.37	1.395 Level 3		
6,100.0	5,545.1	6,069.0	5,543.9	50.3	50.1	-92.25	-1,684.0	1,631.8	140.2	39.9	100.31	1.398 Level 3		
6,200.0	5,633.4	6,168.9	5,633.3	51.3	51.0	-93.20	-1,715.8	1,663.0	143.3	41.0	102.22	1.402 Level 3		
6,300.0	5,721.8	6,268.8	5,722.7	52.3	52.0	-94.11	-1,747.7	1,694.3	146.3	42.2	104.11	1.406 Level 3		
6,400.0	5,810.2	6,368.7	5,812.1	53.3	52.9	-94.98	-1,779.5	1,725.5	149.5	43.5	105.98	1.410 Level 3		
6,500.0	5,898.6	6,468.7	5,901.5	54.3	53.9	-95.81	-1,811.4	1,756.8	152.6	44.8	107.83	1.415 Level 3		
6,593.6	5,981.3	6,562.2	5,985.2	55.2	54.8	-96.56	-1,841.2	1,786.0	155.6	46.1	109.54	1.420 Level 3		
6,600.0	5,987.0	6,568.6	5,990.9	55.3	54.8	-95.93	-1,843.3	1,788.0	155.8	46.1	109.66	1.421 Level 3		
6,650.0	6,031.8	6,618.6	6,035.7	55.7	55.3	-89.79	-1,859.2	1,803.6	155.7	45.3	110.43	1.410 Level 3		
6,700.0	6,077.6	6,668.4	6,080.3	56.0	55.8	-81.27	-1,875.1	1,819.2	152.9	41.9	111.01	1.378 Level 3		
6,750.0	6,124.1	6,717.9	6,124.5	56.3	56.3	-70.12	-1,890.9	1,834.7	147.6	36.3	111.34	1.326 Level 3		
6,800.0	6,171.1	6,766.7	6,168.2	56.5	56.7	-56.22	-1,906.5	1,850.0	140.1	28.8	111.30	1.258 Level 3		
6,850.0	6,218.4	6,814.7	6,211.1	56.7	57.2	-39.79	-1,921.8	1,865.0	130.7	20.1	110.59	1.182 Level 2		
6,900.0	6,265.6	6,861.6	6,253.1	56.9	57.7	-21.34	-1,936.7	1,879.6	120.4	11.7	108.67	1.108 Level 2		
6,950.0	6,312.7	6,907.1	6,293.8	57.0	58.1	-1.43	-1,951.2	1,893.9	110.5	5.9	104.59	1.056 Level 2, SF		
7,000.0	6,359.3	6,950.9	6,333.0	57.1	58.5	-19.24	-1,965.2	1,907.6	102.9	5.6	97.36	1.057 Level 2, ES		
7,044.1	6,399.8	6,988.4	6,367.0	57.2	58.8	36.87	-1,975.8	1,919.4	100.6	12.0	88.59	1.135 Level 2		
7,050.0	6,405.2	6,993.6	6,371.7	57.2	58.8	39.18	-1,977.2	1,921.1	100.6	13.3	87.28	1.153 Level 2		
7,100.0	6,450.3	7,037.5	6,412.1	57.2	59.1	57.60	-1,986.9	1,935.2	104.5	28.8	75.75	1.380 Level 3		
7,150.0	6,494.3	7,083.0	6,454.4	57.1	59.3	73.73	-1,994.3	1,949.9	114.2	49.5	64.78	1.764		
7,200.0	6,536.9	7,130.0	6,498.7	57.1	59.6	87.27	-1,998.9	1,965.3	128.6	72.8	55.77	2.306		
7,250.0	6,578.0	7,179.0	6,544.9	57.0	59.8	98.35	-2,000.4	1,981.4	146.3	97.3	48.98	2.987		
7,300.0	6,617.3	7,230.1	6,593.1	56.8	60.0	107.34	-1,998.4	1,998.2	166.2	122.3	43.93	3.784		
7,350.0	6,654.8	7,283.7	6,643.4	56.7	60.1	114.65	-1,992.4	2,015.6	187.6	147.6	40.00	4.690		
7,400.0	6,690.1	7,340.0	6,695.7	56.5	60.2	120.64	-1,981.8	2,033.7	209.7	173.0	36.71	5.713		
7,450.0	6,723.2	7,399.5	6,749.8	56.3	60.3	125.58	-1,965.9	2,052.5	232.1	198.3	33.80	6.867		
7,500.0	6,753.8	7,462.5	6,805.6	56.0	60.3	129.69	-1,944.0	2,071.8	254.5	223.2	31.21	8.152		
7,550.0	6,781.8	7,529.5	6,862.7	55.8	60.2	133.14	-1,915.1	2,091.5	276.3	247.3	28.99	9.531		
7,600.0	6,807.1	7,600.9	6,920.5	55.5	60.1	136.03	-1,878.2	2,111.4	297.3	270.0	27.29	10.894		
7,650.0	6,829.6	7,677.2	6,978.1	55.2	59.9	138.46	-1,832.3	2,131.2	317.0	290.7	26.32	12.047		
7,700.0	6,849.1	7,758.7	7,034.1	54.9	59.6	140.48	-1,776.4	2,150.4	335.2	308.9	26.27	12.758		
7,750.0	6,865.5	7,845.5	7,086.9	54.6	59.3	142.14	-1,709.9	2,168.5	351.3	324.0	27.28	12.879		
7,800.0	6,878.8	7,937.6	7,134.0	54.3	58.8	143.45	-1,632.6	2,184.5	365.0	335.6	29.32	12.447		
7,850.0	6,889.0	8,034.5	7,173.2	54.0	58.3	144.44	-1,545.0	2,197.7	375.8	343.5	32.28	11.640		
7,900.0	6,895.8	8,135.4	7,201.7	53.7	57.7	145.11	-1,448.7	2,207.1	383.3	347.4	35.99	10.651		
7,950.0	6,899.4	8,239.0	7,217.3	53.4	57.1	145.47	-1,346.5	2,212.1	387.4	347.2	40.27	9.622		
7,979.5	6,900.0	8,300.7	7,220.0	53.2	56.8	145.53	-1,284.9	2,212.7	388.2	345.2	42.99	9.030		
8,000.0	6,900.0	8,322.2	7,220.0	53.1	56.6	145.53	-1,263.4	2,212.6	388.1	345.3	42.89	9.050		
8,100.0	6,900.0	8,422.2	7,220.0	52.4	56.0	145.54	-1,163.4	2,212.1	388.1	345.7	42.44	9.145		
8,200.0	6,900.0	8,522.2	7,220.0	51.8	55.4	145.54	-1,063.4	2,211.6	388.1	346.0	42.11	9.217		
8,300.0	6,900.0	8,622.2	7,220.0	51.1	54.8	145.54	-963.4	2,211.1	388.1	346.2	41.92	9.258		
8,400.0	6,900.0	8,722.2	7,220.0	50.6	54.3	145.55	-863.4	2,210.6	388.1	346.2	41.88	9.266		

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

Offset Design SRC Vista (N/S) Pad Sec.2-T4N-R68W - SRC Vista M-2CHZ - Wellbore #1 - Plan #1 (11-10-14)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
8,500.0	6,900.0	8,822.2	7,220.0	50.0	53.7	145.55	-763.4	2,210.2	388.0	346.1	41.99	9.242	
8,600.0	6,900.0	8,922.2	7,220.0	49.5	53.2	145.56	-663.4	2,209.7	388.0	345.8	42.24	9.186	
8,700.0	6,900.0	9,022.2	7,220.0	49.0	52.7	145.56	-563.4	2,209.2	388.0	345.4	42.64	9.100	
8,800.0	6,900.0	9,122.2	7,220.0	48.5	52.2	145.57	-463.4	2,208.7	388.0	344.8	43.18	8.986	
8,900.0	6,900.0	9,222.2	7,220.0	48.0	51.8	145.57	-363.4	2,208.2	388.0	344.1	43.85	8.848	
9,000.0	6,900.0	9,322.2	7,220.0	47.6	51.4	145.58	-263.4	2,207.7	387.9	343.3	44.65	8.689	
9,100.0	6,900.0	9,422.2	7,220.0	47.2	51.0	145.58	-163.4	2,207.2	387.9	342.3	45.57	8.512	
9,200.0	6,900.0	9,522.2	7,220.0	46.8	50.6	145.59	-63.4	2,206.8	387.9	341.3	46.61	8.323	
9,300.0	6,900.0	9,622.2	7,220.0	46.4	50.2	145.59	36.6	2,206.3	387.9	340.1	47.75	8.123	
9,400.0	6,900.0	9,722.2	7,220.0	46.0	49.8	145.59	136.6	2,205.8	387.9	338.9	48.99	7.916	
9,500.0	6,900.0	9,822.2	7,220.0	45.7	49.5	145.60	236.6	2,205.3	387.8	337.5	50.33	7.706	
9,600.0	6,900.0	9,922.2	7,220.0	45.4	49.2	145.60	336.6	2,204.8	387.8	336.1	51.75	7.494	
9,700.0	6,900.0	10,022.2	7,220.0	45.2	48.8	145.61	436.6	2,204.3	387.8	334.5	53.25	7.283	
9,800.0	6,900.0	10,122.2	7,220.0	45.0	48.5	145.61	536.6	2,203.8	387.8	333.0	54.82	7.074	
9,865.7	6,900.0	10,187.8	7,220.0	44.9	48.4	145.62	602.2	2,203.5	387.8	331.9	55.88	6.939	
9,900.0	6,900.0	10,226.4	7,220.0	44.9	48.2	145.62	640.8	2,203.0	387.7	331.1	56.69	6.840	
10,000.0	6,900.0	10,339.4	7,220.0	45.1	47.9	145.68	753.6	2,196.9	387.5	328.5	58.94	6.574	
10,050.1	6,900.0	10,393.3	7,220.0	45.4	47.7	145.73	807.2	2,191.8	387.2	327.2	60.05	6.448	
10,052.2	6,900.0	10,395.4	7,220.0	45.4	47.7	145.73	809.3	2,191.6	387.2	327.1	60.10	6.443	
10,100.0	6,900.0	10,443.2	7,220.0	45.9	47.6	145.72	856.9	2,186.7	387.3	326.4	60.89	6.360	
10,200.0	6,900.0	10,543.2	7,220.0	47.1	48.2	145.71	956.4	2,176.6	387.3	324.6	62.68	6.179	
10,300.0	6,900.0	10,643.2	7,220.0	48.5	49.6	145.70	1,055.9	2,166.6	387.4	322.9	64.50	6.006	
10,400.0	6,900.0	10,743.2	7,220.0	49.9	51.1	145.68	1,155.4	2,156.5	387.4	321.1	66.37	5.837	
10,500.0	6,900.0	10,843.2	7,220.0	51.3	52.6	145.67	1,254.9	2,146.4	387.5	319.2	68.29	5.675	
10,600.0	6,900.0	10,943.2	7,220.0	52.8	54.1	145.66	1,354.4	2,136.3	387.6	317.3	70.24	5.518	
10,700.0	6,900.0	11,043.2	7,220.0	54.4	55.6	145.64	1,453.8	2,126.2	387.6	315.4	72.23	5.367	
10,800.0	6,900.0	11,143.2	7,220.0	55.9	57.1	145.63	1,553.3	2,116.1	387.7	313.4	74.25	5.221	
10,900.0	6,900.0	11,243.2	7,220.0	57.5	58.7	145.62	1,652.8	2,106.0	387.8	311.4	76.31	5.081	
11,000.0	6,900.0	11,343.2	7,220.0	59.0	60.3	145.60	1,752.3	2,095.9	387.8	309.4	78.39	4.947	
11,100.0	6,900.0	11,443.2	7,220.0	60.6	61.9	145.59	1,851.8	2,085.8	387.9	307.4	80.50	4.818	
11,200.0	6,900.0	11,543.2	7,220.0	62.3	63.5	145.58	1,951.3	2,075.8	387.9	305.3	82.64	4.695	
11,300.0	6,900.0	11,643.2	7,220.0	63.9	65.1	145.56	2,050.8	2,065.7	388.0	303.2	84.79	4.576	
11,400.0	6,900.0	11,743.2	7,220.0	65.5	66.7	145.55	2,150.3	2,055.6	388.1	301.1	86.97	4.462	
11,500.0	6,900.0	11,843.2	7,220.0	67.2	68.4	145.54	2,249.8	2,045.5	388.1	299.0	89.17	4.353	
11,600.0	6,900.0	11,943.2	7,220.0	68.9	70.0	145.52	2,349.3	2,035.4	388.2	296.8	91.39	4.248	
11,700.0	6,900.0	12,043.2	7,220.0	70.5	71.7	145.51	2,448.7	2,025.3	388.2	294.6	93.62	4.147	
11,722.9	6,900.0	12,043.4	7,220.0	70.9	71.7	145.51	2,449.0	2,025.3	388.9	295.0	93.88	4.143	

Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista M-2NHZ
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.0ft (Original Well Elev)
Reference Site:	SRC Vista (N/S) Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	SRC Vista M-2NHZ	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Wellbore #1	Database:	Landmark
Reference Design:	Plan #1 (11-10-14)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 5013.0ft (Original Well Elev) Coordinates are relative to: SRC Vista M-2NHZ
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.34°



Company: Synergy Resources
Project: SEC.2-T4N-R68W
Reference Site: SRC Vista (N/S) Pad Sec.2-T4N-R68W
Site Error: 0.0ft
Reference Well: SRC Vista M-2NHZ
Well Error: 0.0ft
Reference Wellbore: Wellbore #1
Reference Design: Plan #1 (11-10-14)

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

Reference Depths are relative to WELL @ 5013.0ft (Original Well Elev) Coordinates are relative to: SRC Vista M-2NHZ

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°

