

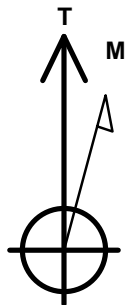
# Synergy Resources

Well Name: **SRC Vista 43-2N-A**

Surface Location: SRC Vista Pad Sec.2-T4N-R68W  
 North American Datum 1983 , US State Plane 1983, Colorado Northern Zone  
 Ground Elevation: 5000.0  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.0 0.0 1367696.71 3145254.63 40.341557 -104.978905  
 Ensign 131 RKB - 13.5' WELL @ 5013.5ft (Ensign 131 RKB - 13.5')

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 2203'FSL & 254'FWL	1.0	0.0	0.0	Point
BHL 2175'FSL & 460'FEL	6900.0	11.7	4587.0	Point



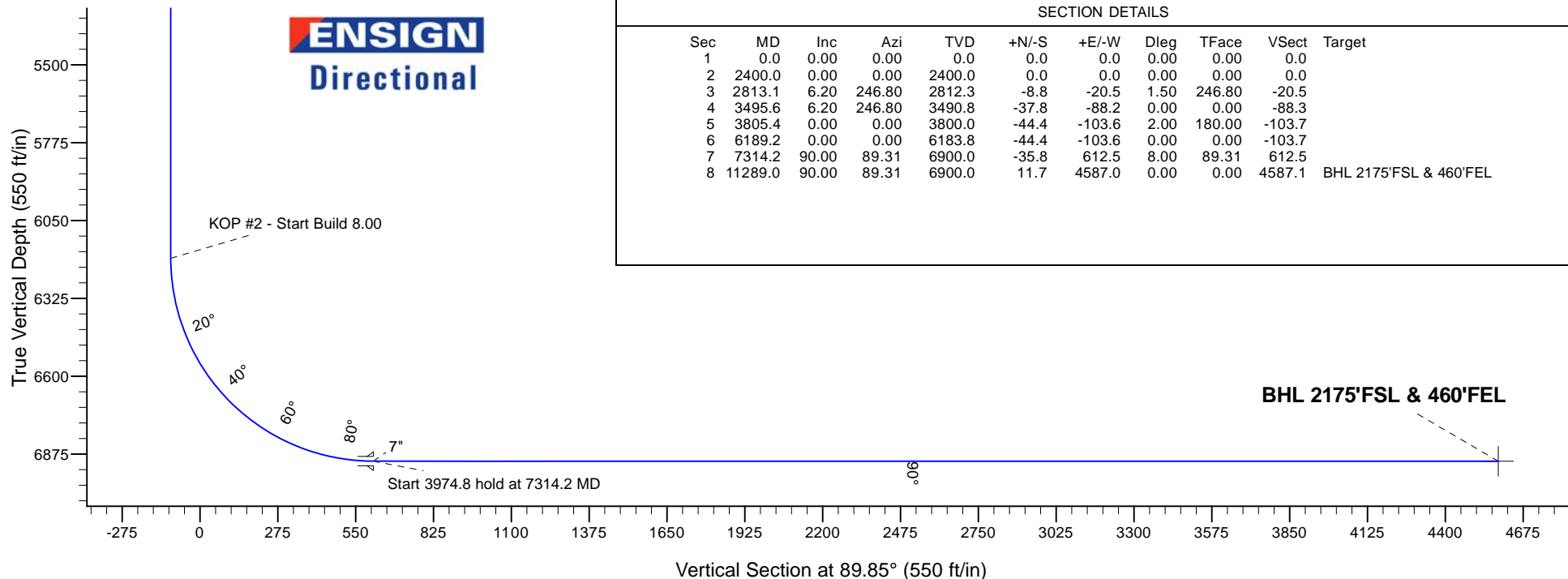
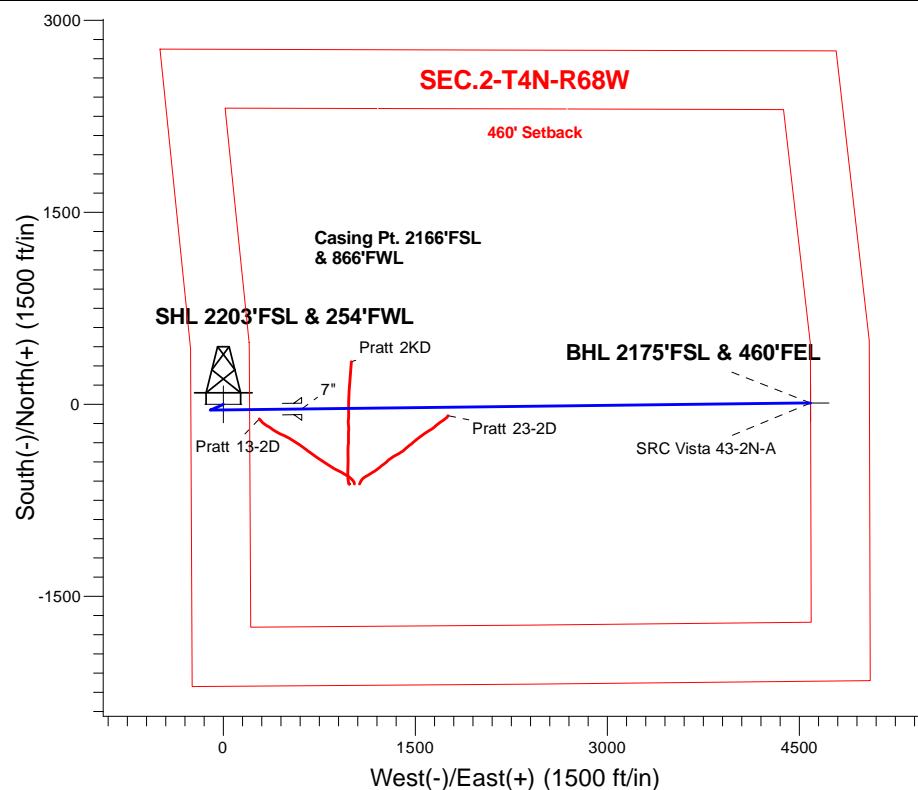
Azimuths to True North  
 Magnetic North: 8.40°

Magnetic Field  
 Strength: 52627.4snT  
 Dip Angle: 66.82°  
 Date: 9/21/2015  
 Model: IGRF2010

**SRC Vista Pad Sec.2-T4N-R68W**  
**SRC Vista 43-2N-A**  
**Plan #2 (9-21-15)**  
**17:15, September 21 2015**

## ANNOTATIONS

TVD	MD	Annotation
2400.0	2400.0	KOP - Start Build 1.50
3490.8	3495.6	Start Drop -2.00
6183.8	6189.2	KOP #2 - Start Build 8.00
6900.0	7314.2	Start 3974.8 hold at 7314.2 MD
6900.0	11289.0	TD at 11289.0



## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2400.0	0.00	0.00	2400.0	0.0	0.0	0.00	0.00	0.0	
3	2813.1	6.20	246.80	2812.3	-8.8	-20.5	1.50	246.80	-20.5	
4	3495.6	6.20	246.80	3490.8	-37.8	-88.2	0.00	0.00	-88.3	
5	3805.4	0.00	0.00	3800.0	-44.4	-103.6	2.00	180.00	-103.7	
6	6189.2	0.00	0.00	6183.8	-44.4	-103.6	0.00	0.00	-103.7	
7	7314.2	90.00	89.31	6900.0	-35.8	612.5	8.00	89.31	612.5	
8	11289.0	90.00	89.31	6900.0	11.7	4587.0	0.00	0.00	4587.1	BHL 2175'FSL & 460'FEL



# Directional

## Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 43-2N-A

Wellbore #1

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

## Standard Planning Report

21 September, 2015



<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Project:</b>	SEC.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (9-21-15)		

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

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

<b>Well</b>	SRC Vista 43-2N-A			
<b>Well Position</b>	<b>+N/-S</b>	159.9 ft	<b>Northing:</b>	1,367,696.71 usft
	<b>+E/-W</b>	-0.3 ft	<b>Easting:</b>	3,145,254.63 usft
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	<b>Ground Level:</b> 5,000.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	9/21/2015	8.40	66.82	52,627

<b>Design</b>	Plan #2 (9-21-15)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	89.85

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,813.1	6.20	246.80	2,812.3	-8.8	-20.5	1.50	1.50	0.00	246.80	
3,495.6	6.20	246.80	3,490.8	-37.8	-88.2	0.00	0.00	0.00	0.00	
3,805.4	0.00	0.00	3,800.0	-44.4	-103.6	2.00	-2.00	0.00	180.00	
6,189.2	0.00	0.00	6,183.8	-44.4	-103.6	0.00	0.00	0.00	0.00	
7,314.2	90.00	89.31	6,900.0	-35.8	612.5	8.00	8.00	0.00	89.31	
11,289.0	90.00	89.31	6,900.0	11.7	4,587.0	0.00	0.00	0.00	0.00	BHL 2175'FSL & 460'

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 43-2N-A
Company:	Synergy Resources	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Project:	SEC.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site:	SRC Vista Pad Sec.2-T4N-R68W	North Reference:	True
Well:	SRC Vista 43-2N-A	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 2203'FSL & 254'FWL									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start Build 1.50									
2,500.0	1.50	246.80	2,500.0	-0.5	-1.2	-1.2	1.50	1.50	0.00
2,600.0	3.00	246.80	2,599.9	-2.1	-4.8	-4.8	1.50	1.50	0.00
2,700.0	4.50	246.80	2,699.7	-4.6	-10.8	-10.8	1.50	1.50	0.00
2,800.0	6.00	246.80	2,799.3	-8.2	-19.2	-19.3	1.50	1.50	0.00
2,813.1	6.20	246.80	2,812.3	-8.8	-20.5	-20.5	1.50	1.50	0.00
2,900.0	6.20	246.80	2,898.7	-12.5	-29.1	-29.2	0.00	0.00	0.00
3,000.0	6.20	246.80	2,998.1	-16.7	-39.1	-39.1	0.00	0.00	0.00
3,100.0	6.20	246.80	3,097.5	-21.0	-49.0	-49.0	0.00	0.00	0.00
3,200.0	6.20	246.80	3,196.9	-25.2	-58.9	-59.0	0.00	0.00	0.00
3,300.0	6.20	246.80	3,296.4	-29.5	-68.8	-68.9	0.00	0.00	0.00
3,400.0	6.20	246.80	3,395.8	-33.7	-78.7	-78.8	0.00	0.00	0.00
3,495.6	6.20	246.80	3,490.8	-37.8	-88.2	-88.3	0.00	0.00	0.00
Start Drop -2.00									
3,500.0	6.11	246.80	3,495.2	-38.0	-88.7	-88.7	2.00	-2.00	0.00
3,600.0	4.11	246.80	3,594.8	-41.5	-96.8	-96.9	2.00	-2.00	0.00
3,700.0	2.11	246.80	3,694.6	-43.6	-101.8	-101.9	2.00	-2.00	0.00
3,800.0	0.11	246.80	3,794.6	-44.4	-103.6	-103.7	2.00	-2.00	0.00
3,805.4	0.00	0.00	3,800.0	-44.4	-103.6	-103.7	2.00	-2.00	0.00
3,900.0	0.00	0.00	3,894.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,000.0	0.00	0.00	3,994.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,100.0	0.00	0.00	4,094.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,200.0	0.00	0.00	4,194.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,300.0	0.00	0.00	4,294.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,400.0	0.00	0.00	4,394.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,500.0	0.00	0.00	4,494.6	-44.4	-103.6	-103.7	0.00	0.00	0.00

<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Project:</b>	SEC.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (9-21-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,600.0	0.00	0.00	4,594.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,700.0	0.00	0.00	4,694.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,800.0	0.00	0.00	4,794.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
4,900.0	0.00	0.00	4,894.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,994.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,100.0	0.00	0.00	5,094.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,200.0	0.00	0.00	5,194.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,300.0	0.00	0.00	5,294.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,394.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,500.0	0.00	0.00	5,494.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,594.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,700.0	0.00	0.00	5,694.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,794.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,894.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,994.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
6,100.0	0.00	0.00	6,094.6	-44.4	-103.6	-103.7	0.00	0.00	0.00
6,189.2	0.00	0.00	6,183.8	-44.4	-103.6	-103.7	0.00	0.00	0.00
KOP #2 - Start Build 8.00									
6,200.0	0.86	89.31	6,194.6	-44.4	-103.5	-103.6	8.00	8.00	0.00
6,300.0	8.86	89.31	6,294.2	-44.3	-95.0	-95.2	8.00	8.00	0.00
6,400.0	16.86	89.31	6,391.6	-44.0	-72.8	-72.9	8.00	8.00	0.00
6,500.0	24.86	89.31	6,484.9	-43.6	-37.2	-37.3	8.00	8.00	0.00
6,600.0	32.86	89.31	6,572.4	-43.0	11.0	10.9	8.00	8.00	0.00
6,700.0	40.86	89.31	6,652.4	-42.3	71.0	70.8	8.00	8.00	0.00
6,800.0	48.86	89.31	6,723.2	-41.5	141.4	141.3	8.00	8.00	0.00
6,900.0	56.86	89.31	6,783.5	-40.5	221.1	221.0	8.00	8.00	0.00
7,000.0	64.86	89.31	6,832.2	-39.5	308.4	308.3	8.00	8.00	0.00
7,100.0	72.86	89.31	6,868.2	-38.4	401.5	401.4	8.00	8.00	0.00
7,200.0	80.86	89.31	6,890.9	-37.2	498.8	498.7	8.00	8.00	0.00
7,300.0	88.86	89.31	6,899.9	-36.0	598.4	598.3	8.00	8.00	0.00
7,314.2	90.00	89.31	6,900.0	-35.8	612.5	612.5	8.00	8.00	0.00
Start 3974.8 hold at 7314.2 MD - 7"									
7,400.0	90.00	89.31	6,900.0	-34.8	698.3	698.3	0.00	0.00	0.00
7,500.0	90.00	89.31	6,900.0	-33.6	798.3	798.2	0.00	0.00	0.00
7,600.0	90.00	89.31	6,900.0	-32.4	898.3	898.2	0.00	0.00	0.00
7,700.0	90.00	89.31	6,900.0	-31.2	998.3	998.2	0.00	0.00	0.00
7,800.0	90.00	89.31	6,900.0	-30.0	1,098.3	1,098.2	0.00	0.00	0.00
7,900.0	90.00	89.31	6,900.0	-28.8	1,198.3	1,198.2	0.00	0.00	0.00
8,000.0	90.00	89.31	6,900.0	-27.6	1,298.3	1,298.2	0.00	0.00	0.00
8,100.0	90.00	89.31	6,900.0	-26.4	1,398.3	1,398.2	0.00	0.00	0.00
8,200.0	90.00	89.31	6,900.0	-25.2	1,498.3	1,498.2	0.00	0.00	0.00
8,300.0	90.00	89.31	6,900.0	-24.0	1,598.3	1,598.2	0.00	0.00	0.00
8,400.0	90.00	89.31	6,900.0	-22.8	1,698.3	1,698.2	0.00	0.00	0.00
8,500.0	90.00	89.31	6,900.0	-21.6	1,798.3	1,798.2	0.00	0.00	0.00
8,600.0	90.00	89.31	6,900.0	-20.4	1,898.3	1,898.2	0.00	0.00	0.00
8,700.0	90.00	89.31	6,900.0	-19.2	1,998.2	1,998.2	0.00	0.00	0.00
8,800.0	90.00	89.31	6,900.0	-18.1	2,098.2	2,098.2	0.00	0.00	0.00
8,900.0	90.00	89.31	6,900.0	-16.9	2,198.2	2,198.2	0.00	0.00	0.00
9,000.0	90.00	89.31	6,900.0	-15.7	2,298.2	2,298.2	0.00	0.00	0.00
9,100.0	90.00	89.31	6,900.0	-14.5	2,398.2	2,398.2	0.00	0.00	0.00
9,200.0	90.00	89.31	6,900.0	-13.3	2,498.2	2,498.2	0.00	0.00	0.00
9,300.0	90.00	89.31	6,900.0	-12.1	2,598.2	2,598.2	0.00	0.00	0.00
9,400.0	90.00	89.31	6,900.0	-10.9	2,698.2	2,698.2	0.00	0.00	0.00
9,500.0	90.00	89.31	6,900.0	-9.7	2,798.2	2,798.2	0.00	0.00	0.00

<b>Database:</b>	US_EDM	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Project:</b>	SEC.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (9-21-15)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,600.0	90.00	89.31	6,900.0	-8.5	2,898.2	2,898.2	0.00	0.00	0.00	
9,700.0	90.00	89.31	6,900.0	-7.3	2,998.2	2,998.1	0.00	0.00	0.00	
9,800.0	90.00	89.31	6,900.0	-6.1	3,098.2	3,098.1	0.00	0.00	0.00	
9,900.0	90.00	89.31	6,900.0	-4.9	3,198.2	3,198.1	0.00	0.00	0.00	
10,000.0	90.00	89.31	6,900.0	-3.7	3,298.2	3,298.1	0.00	0.00	0.00	
10,100.0	90.00	89.31	6,900.0	-2.5	3,398.1	3,398.1	0.00	0.00	0.00	
10,200.0	90.00	89.31	6,900.0	-1.3	3,498.1	3,498.1	0.00	0.00	0.00	
10,300.0	90.00	89.31	6,900.0	-0.1	3,598.1	3,598.1	0.00	0.00	0.00	
10,400.0	90.00	89.31	6,900.0	1.1	3,698.1	3,698.1	0.00	0.00	0.00	
10,500.0	90.00	89.31	6,900.0	2.3	3,798.1	3,798.1	0.00	0.00	0.00	
10,600.0	90.00	89.31	6,900.0	3.5	3,898.1	3,898.1	0.00	0.00	0.00	
10,700.0	90.00	89.31	6,900.0	4.7	3,998.1	3,998.1	0.00	0.00	0.00	
10,800.0	90.00	89.31	6,900.0	5.9	4,098.1	4,098.1	0.00	0.00	0.00	
10,900.0	90.00	89.31	6,900.0	7.1	4,198.1	4,198.1	0.00	0.00	0.00	
11,000.0	90.00	89.31	6,900.0	8.3	4,298.1	4,298.1	0.00	0.00	0.00	
11,100.0	90.00	89.31	6,900.0	9.5	4,398.1	4,398.1	0.00	0.00	0.00	
11,200.0	90.00	89.31	6,900.0	10.7	4,498.1	4,498.1	0.00	0.00	0.00	
11,289.0	90.00	89.31	6,900.0	11.7	4,587.0	4,587.1	0.00	0.00	0.00	
TD at 11289.0 - BHL 2175'FSL & 460'FEL										

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
SHL 2203'FSL & 254'FW	0.00	0.00	1.0	0.0	0.0	1,367,696.72	3,145,254.63	40.341557	-104.978905
- plan hits target center									
- Point									
BHL 2175'FSL & 460'FE	0.00	0.00	6,900.0	11.7	4,587.0	1,367,735.39	3,149,841.32	40.341588	-104.962450
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
7,314.2	6,900.0	7"	7	7-1/2	

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,400.0	2,400.0	0.0	0.0	KOP - Start Build 1.50
3,495.6	3,490.8	-37.8	-88.2	Start Drop -2.00
6,189.2	6,183.8	-44.4	-103.6	KOP #2 - Start Build 8.00
7,314.2	6,900.0	-35.8	612.5	Start 3974.8 hold at 7314.2 MD
11,289.0	6,900.0	11.7	4,587.0	TD at 11289.0



# Directional

## **Synergy Resources**

**SEC.2-T4N-R68W**

**SRC Vista Pad Sec.2-T4N-R68W**

**SRC Vista 43-2N-A**

**Wellbore #1**

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

## **Anticollision Report**

**21 September, 2015**



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

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

<b>Survey Tool Program</b>	<b>Date</b> 9/21/2015	
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>
0.0	11,288.1	Plan #2 (9-21-15) (Wellbore #1)
		<b>Tool Name</b>
		MWD
		<b>Description</b>
		MWD - Standard

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (ft)</b>	<b>Offset Measured Depth (ft)</b>	<b>Distance Between Centres (ft)</b>	<b>Distance Between Ellipses (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
Pratt 14-2D Pad Sec.2-T4N-R68W						
Pratt 13-2D - Wellbore #1 - Wellbore #1	7,035.2	6,909.8	127.2	90.4	3.454	CC, ES, SF
Pratt 23-2D - Wellbore #1 - Wellbore #1	8,428.9	6,963.2	93.6	24.3	1.351	Level 3, CC, ES, SF
Pratt 2KD - Wellbore #1 - Wellbore #1	7,699.0	6,928.6	299.2	252.3	6.379	CC
Pratt 2KD - Wellbore #1 - Wellbore #1	7,700.0	6,928.6	299.2	252.3	6.376	ES, SF
SRC Vista Pad Sec.2-T4N-R68W						
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	1,600.0	1,600.0	19.7	12.7	2.824	CC
SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)	1,700.0	1,699.9	20.0	12.6	2.702	ES, SF
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,400.0	39.7	33.6	6.544	CC, ES
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,289.0	11,403.5	302.7	44.1	1.170	Level 2, SF
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	400.0	400.0	139.9	138.3	88.920	CC, ES
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	4,400.0	4,250.7	983.2	954.9	34.816	SF
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	119.9	117.4	48.483	CC, ES
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,300.0	1,272.0	181.0	175.4	32.381	SF
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	200.0	200.0	159.9	159.3	237.182	CC, ES
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	2,400.0	2,259.6	648.5	633.7	43.796	SF
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	1,000.0	1,000.0	79.8	75.5	18.683	CC, ES
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	11,289.0	11,762.8	787.8	550.3	3.316	SF
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,200.0	1,200.0	59.8	54.6	11.558	CC, ES
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,289.0	11,431.0	599.7	341.4	2.322	SF
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	99.8	96.4	29.606	CC, ES
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,289.0	11,466.9	902.8	644.2	3.491	SF
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,400.0	20.0	14.0	3.300	CC, ES
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,289.0	11,399.7	296.9	38.0	1.147	Level 2, SF

<b>Offset Design</b>												
Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1												
Survey Program: 48-MWD												
Reference												
Offset												
Semi Major Axis												
Reference												
Offset												
Highside Toolface (°)												
Offset Wellbore Centre												
Between Centres												
Between Ellipses												
Minimum Separation												
Separation Factor												
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
1,900.0	1,900.0	2,035.9	2,022.0	4.2	5.7	120.05	-491.4	849.3	988.3	978.5	9.79	100.924
2,000.0	2,000.0	2,139.2	2,124.6	4.4	6.0	120.03	-484.8	838.6	976.2	965.9	10.32	94.625
2,100.0	2,100.0	2,241.1	2,225.7	4.6	6.3	119.99	-477.7	827.9	963.6	952.8	10.84	88.859
2,200.0	2,200.0	2,341.2	2,325.0	4.8	6.7	119.94	-470.7	817.2	950.9	939.5	11.37	83.615
2,300.0	2,300.0	2,442.5	2,425.4	5.1	7.0	119.91	-463.8	806.2	938.0	926.1	11.91	78.776

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1											Offset Site Error:		0.0 ft
Survey Program: 48-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
2,400.0	2,400.0	2,533.6	2,515.8	5.3	7.3	119.90	-457.9	796.3	925.4	913.0	12.40	74.627			
2,500.0	2,500.0	2,633.3	2,614.8	5.5	7.6	-127.12	-451.8	786.0	914.2	902.9	11.35	80.563			
2,600.0	2,599.9	2,733.8	2,714.5	5.7	7.8	-127.49	-444.8	775.7	904.2	892.4	11.77	76.851			
2,700.0	2,699.7	2,829.1	2,809.1	5.9	8.1	-127.96	-438.4	766.1	896.1	884.0	12.18	73.596			
2,800.0	2,799.3	2,930.6	2,909.9	6.1	8.4	-128.59	-431.5	756.1	889.8	877.2	12.61	70.588			
2,813.1	2,812.3	2,943.8	2,923.0	6.1	8.5	-128.68	-430.6	754.8	889.1	876.5	12.66	70.216			
2,900.0	2,898.7	3,043.8	3,022.1	6.3	8.8	-129.33	-423.1	744.4	883.9	870.8	13.08	67.588			
3,000.0	2,998.1	3,141.2	3,118.6	6.5	9.1	-129.97	-415.5	733.2	876.9	863.4	13.52	64.864			
3,100.0	3,097.5	3,232.9	3,209.5	6.7	9.4	-130.57	-408.8	723.4	871.1	857.1	13.95	62.435			
3,200.0	3,196.9	3,333.2	3,309.0	7.0	9.7	-131.23	-401.6	713.0	865.6	851.2	14.41	60.079			
3,300.0	3,296.4	3,435.1	3,410.1	7.2	10.0	-131.94	-393.8	702.4	860.1	845.2	14.88	57.809			
3,400.0	3,395.8	3,534.8	3,508.9	7.5	10.3	-132.67	-385.8	692.0	854.4	839.1	15.35	55.672			
3,495.6	3,490.8	3,629.3	3,602.6	7.7	10.6	-133.35	-378.6	682.0	849.2	833.4	15.80	53.753			
3,500.0	3,495.2	3,633.7	3,606.9	7.7	10.6	-133.37	-378.3	681.6	849.0	833.1	15.82	53.668			
3,600.0	3,594.8	3,731.9	3,704.3	7.9	10.9	-133.87	-371.1	671.1	842.4	826.1	16.27	51.771			
3,700.0	3,694.6	3,825.1	3,796.8	8.1	11.2	-134.15	-364.7	661.4	833.9	817.2	16.69	49.963			
3,805.4	3,800.0	3,927.2	3,898.2	8.3	11.5	112.54	-357.7	651.5	823.0	803.4	19.61	41.963			
3,900.0	3,894.6	4,023.2	3,993.5	8.5	11.8	112.29	-350.3	642.6	812.1	792.0	20.08	40.444			
4,000.0	3,994.6	4,127.6	4,097.0	8.7	12.1	112.02	-342.0	632.3	800.0	779.4	20.61	38.821			
4,100.0	4,094.6	4,226.5	4,195.2	9.0	12.4	111.78	-334.4	622.2	787.6	766.5	21.12	37.284			
4,200.0	4,194.6	4,318.2	4,286.1	9.2	12.7	111.58	-327.8	613.1	775.7	754.1	21.61	35.897			
4,300.0	4,294.6	4,414.0	4,381.4	9.4	13.0	111.39	-321.6	604.3	764.8	742.7	22.10	34.601			
4,400.0	4,394.6	4,518.0	4,484.7	9.6	13.3	111.22	-315.4	594.4	753.8	731.2	22.62	33.322			
4,500.0	4,494.6	4,630.9	4,596.7	9.8	13.6	110.99	-307.5	582.3	741.2	718.0	23.18	31.977			
4,600.0	4,594.6	4,725.5	4,690.4	10.0	13.9	110.73	-300.1	572.0	728.2	704.5	23.69	30.746			
4,700.0	4,694.6	4,820.9	4,785.0	10.3	14.2	110.48	-293.0	562.0	715.8	691.6	24.19	29.595			
4,800.0	4,794.6	4,921.5	4,884.8	10.5	14.5	110.31	-286.8	551.4	703.8	679.1	24.71	28.484			
4,900.0	4,894.6	5,024.9	4,987.4	10.7	14.8	110.10	-279.8	539.9	691.0	665.7	25.24	27.377			
5,000.0	4,994.6	5,117.5	5,079.2	10.9	15.1	109.90	-273.8	529.8	678.6	652.8	25.74	26.365			
5,100.0	5,094.6	5,216.0	5,177.0	11.1	15.4	109.70	-267.6	519.7	666.7	640.5	26.24	25.405			
5,200.0	5,194.6	5,310.0	5,270.3	11.4	15.7	109.47	-261.4	510.3	655.1	628.4	26.73	24.511			
5,300.0	5,294.6	5,403.6	5,363.4	11.6	15.9	109.24	-255.8	502.0	644.8	617.6	27.21	23.700			
5,400.0	5,394.6	5,521.5	5,480.4	11.8	16.3	109.09	-249.7	489.6	633.1	605.3	27.77	22.801			
5,500.0	5,494.6	5,616.7	5,574.9	12.0	16.6	109.06	-245.5	478.3	620.4	592.1	28.28	21.939			
5,600.0	5,594.6	5,718.0	5,675.4	12.2	16.9	109.03	-241.1	466.5	608.0	579.2	28.81	21.105			
5,700.0	5,694.6	5,814.9	5,771.5	12.4	17.2	108.89	-235.6	455.3	595.2	565.9	29.32	20.302			
5,800.0	5,794.6	5,905.2	5,861.2	12.7	17.4	108.77	-231.1	445.8	583.7	553.9	29.80	19.585			
5,900.0	5,894.6	6,017.2	5,972.4	12.9	17.8	108.60	-225.2	433.7	571.8	541.4	30.35	18.838			
6,000.0	5,994.6	6,111.9	6,066.3	13.1	18.1	108.39	-219.5	422.9	559.0	528.2	30.85	18.118			
6,100.0	6,094.6	6,211.1	6,164.8	13.3	18.4	108.14	-213.5	412.5	547.1	515.8	31.37	17.442			
6,189.2	6,183.8	6,303.4	6,256.3	13.5	18.6	107.84	-207.2	402.2	535.8	504.0	31.84	16.831			
6,200.0	6,194.6	6,313.6	6,266.4	13.5	18.7	18.53	-206.5	401.1	534.4	506.4	27.92	19.137			
6,250.0	6,244.5	6,360.9	6,313.2	13.6	18.8	18.66	-203.1	395.9	525.7	497.8	27.95	18.810			
6,300.0	6,294.2	6,407.5	6,359.5	13.7	19.0	18.98	-199.8	391.0	514.0	486.2	27.85	18.456			
6,350.0	6,343.3	6,454.0	6,405.7	13.8	19.1	19.53	-196.4	386.3	499.3	471.7	27.63	18.070			
6,400.0	6,391.6	6,499.7	6,451.0	13.9	19.2	20.33	-193.1	381.7	481.6	454.3	27.30	17.641			
6,450.0	6,438.9	6,544.1	6,495.1	14.0	19.4	21.45	-189.9	377.4	461.0	434.1	26.87	17.157			
6,500.0	6,484.9	6,589.1	6,539.7	14.1	19.5	23.00	-186.8	373.0	437.5	411.1	26.37	16.591			
6,550.0	6,529.5	6,632.1	6,582.4	14.2	19.6	25.09	-184.0	368.5	411.2	385.3	25.84	15.910			
6,600.0	6,572.4	6,672.8	6,622.8	14.3	19.8	27.87	-181.5	364.2	382.3	356.9	25.37	15.065			
6,650.0	6,613.5	6,710.5	6,660.2	14.5	19.9	31.48	-179.2	360.2	351.1	326.0	25.09	13.995			
6,700.0	6,652.4	6,745.8	6,695.3	14.7	20.0	36.17	-177.0	356.4	318.0	292.9	25.18	12.632			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
6,750.0	6,689.0	6,778.7	6,727.9	14.9	20.1	42.22	-174.8	352.9	283.5	257.6	25.89	10.952		
6,800.0	6,723.2	6,808.9	6,757.9	15.2	20.2	49.92	-172.7	349.7	248.2	220.7	27.43	9.047		
6,850.0	6,754.8	6,836.3	6,785.0	15.6	20.3	59.29	-170.9	346.8	212.9	183.2	29.77	7.154		
6,900.0	6,783.5	6,860.5	6,809.1	16.1	20.3	69.76	-169.2	344.2	179.5	147.1	32.42	5.537		
6,950.0	6,809.4	6,881.6	6,829.9	16.6	20.4	80.14	-167.8	341.9	150.8	116.1	34.68	4.347		
7,000.0	6,832.2	6,899.3	6,847.5	17.2	20.4	89.06	-166.7	340.0	131.6	95.5	36.17	3.639		
7,035.2	6,846.4	6,909.8	6,857.9	17.7	20.5	93.91	-166.0	338.8	127.2	90.4	36.82	3.454	CC, ES, SF	
7,050.0	6,851.8	6,913.6	6,861.7	17.9	20.5	95.53	-165.8	338.4	128.0	91.0	37.02	3.457		
7,100.0	6,868.2	6,924.6	6,872.6	18.7	20.5	99.13	-165.1	337.2	142.1	104.5	37.65	3.775		
7,150.0	6,881.3	6,932.2	6,880.1	19.5	20.5	99.78	-164.6	336.3	170.2	131.8	38.40	4.432		
7,200.0	6,890.9	6,936.5	6,884.4	20.4	20.6	97.38	-164.3	335.9	206.9	167.5	39.41	5.251		
7,250.0	6,897.1	6,937.2	6,885.1	21.4	20.6	91.70	-164.3	335.8	248.5	208.0	40.50	6.137		
7,300.0	6,899.9	6,934.3	6,882.2	22.4	20.6	82.76	-164.5	336.1	292.8	251.7	41.08	7.127		
7,314.2	6,900.0	6,932.8	6,880.7	22.6	20.5	79.70	-164.6	336.3	305.6	264.6	41.03	7.448		
7,400.0	6,900.0	6,923.2	6,871.2	24.5	20.5	75.62	-165.2	337.3	385.2	343.0	42.15	9.138		
7,500.0	6,900.0	6,912.4	6,860.5	26.7	20.5	71.27	-165.8	338.5	480.4	437.0	43.35	11.081		
7,600.0	6,900.0	6,901.8	6,850.0	29.0	20.5	67.22	-166.5	339.7	577.0	532.6	44.42	12.990		
7,700.0	6,900.0	6,891.3	6,839.6	31.4	20.4	63.48	-167.2	340.9	674.4	629.0	45.36	14.869		
7,800.0	6,900.0	6,880.9	6,829.2	33.9	20.4	60.04	-167.9	342.0	772.3	726.2	46.18	16.723		
7,900.0	6,900.0	6,870.6	6,819.1	36.4	20.4	56.89	-168.6	343.1	870.6	823.7	46.92	18.556		
8,000.0	6,900.0	6,860.4	6,809.0	39.0	20.3	54.02	-169.2	344.2	969.1	921.6	47.58	20.368		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
7,500.0	6,900.0	6,903.4	6,848.1	26.7	20.5	60.07	-118.8	1,724.5	931.7	891.9	39.78	23.419		
7,600.0	6,900.0	6,909.9	6,854.5	29.0	20.5	62.97	-118.5	1,724.9	832.5	789.6	42.90	19.404		
7,700.0	6,900.0	6,916.4	6,861.0	31.4	20.6	66.04	-118.2	1,725.3	733.4	687.3	46.16	15.889		
7,800.0	6,900.0	6,922.8	6,867.5	33.9	20.6	69.30	-117.8	1,725.8	634.6	585.1	49.50	12.819		
7,900.0	6,900.0	6,929.4	6,874.0	36.4	20.6	72.73	-117.5	1,726.2	536.1	483.2	52.90	10.134		
8,000.0	6,900.0	6,936.2	6,880.8	39.0	20.6	76.50	-117.2	1,726.6	438.2	381.8	56.32	7.780		
8,100.0	6,900.0	6,942.8	6,887.4	41.6	20.6	80.29	-116.9	1,727.0	341.3	281.7	59.63	5.724		
8,200.0	6,900.0	6,949.2	6,893.7	44.2	20.6	84.08	-116.6	1,727.4	246.9	184.1	62.79	3.931		
8,300.0	6,900.0	6,955.4	6,899.9	46.8	20.6	87.83	-116.3	1,727.8	159.1	93.3	65.75	2.419		
8,400.0	6,900.0	6,961.5	6,906.0	49.5	20.7	91.50	-116.0	1,728.1	97.9	29.4	68.49	1.429 Level 3		
8,428.9	6,900.0	6,963.2	6,907.7	50.2	20.7	92.55	-115.9	1,728.2	93.6	24.3	69.24	1.351 Level 3, CC, ES, SF		
8,500.0	6,900.0	6,967.3	6,911.8	52.1	20.7	95.08	-115.8	1,728.5	117.5	46.5	70.99	1.655		
8,600.0	6,900.0	6,973.0	6,917.5	54.8	20.7	98.53	-115.5	1,728.8	194.8	121.5	73.24	2.659		
8,700.0	6,900.0	6,978.5	6,923.0	57.5	20.7	101.85	-115.3	1,729.1	286.4	211.1	75.26	3.806		
8,800.0	6,900.0	6,983.9	6,928.3	60.2	20.7	105.01	-115.0	1,729.4	382.2	305.1	77.04	4.960		
8,900.0	6,900.0	6,989.1	6,933.5	62.9	20.7	108.01	-114.8	1,729.7	479.6	401.0	78.61	6.101		
9,000.0	6,900.0	6,994.2	6,938.6	65.7	20.7	110.85	-114.6	1,730.0	577.8	497.9	79.99	7.224		
9,100.0	6,900.0	6,999.1	6,943.5	68.4	20.8	113.52	-114.4	1,730.3	676.6	595.4	81.20	8.332		
9,200.0	6,900.0	7,003.9	6,948.3	71.1	20.8	116.03	-114.2	1,730.5	775.6	693.3	82.27	9.427		
9,300.0	6,900.0	7,008.6	6,953.0	73.9	20.8	118.39	-114.0	1,730.8	874.8	791.6	83.21	10.513		
9,400.0	6,900.0	7,013.1	6,957.5	76.6	20.8	120.59	-113.8	1,731.0	974.2	890.1	84.05	11.590		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
6,650.0	6,613.5	6,632.9	6,568.7	14.5	20.3	-18.16	228.9	992.9	992.4	963.8	28.56	34.741		
6,700.0	6,652.4	6,673.3	6,608.9	14.7	20.4	-19.96	233.7	993.5	964.0	936.3	27.68	34.828		
6,750.0	6,689.0	6,711.5	6,646.8	14.9	20.5	-22.09	238.0	994.0	933.1	906.3	26.82	34.794		
6,800.0	6,723.2	6,749.9	6,685.0	15.2	20.7	-24.76	242.3	994.4	899.9	873.8	26.09	34.497		
6,850.0	6,754.8	6,785.2	6,720.0	15.6	20.8	-28.00	246.6	994.6	864.4	838.9	25.58	33.792		
6,900.0	6,783.5	6,816.8	6,751.3	16.1	20.8	-31.89	250.6	994.5	827.1	801.6	25.44	32.508		
6,950.0	6,809.4	6,843.0	6,777.3	16.6	20.9	-36.42	254.0	994.3	788.1	762.3	25.78	30.568		
7,000.0	6,832.2	6,865.3	6,799.4	17.2	21.0	-41.68	257.0	994.1	747.9	721.2	26.70	28.010		
7,050.0	6,851.8	6,883.4	6,817.4	17.9	21.1	-47.60	259.4	994.0	706.7	678.5	28.18	25.078		
7,100.0	6,868.2	6,898.7	6,832.5	18.7	21.1	-54.19	261.4	993.9	664.9	634.8	30.13	22.069		
7,150.0	6,881.3	6,910.9	6,844.6	19.5	21.1	-61.22	263.0	993.8	622.8	590.5	32.31	19.275		
7,200.0	6,890.9	6,920.0	6,853.6	20.4	21.2	-68.32	264.2	993.8	580.8	546.4	34.45	16.859		
7,250.0	6,897.1	6,925.9	6,859.5	21.4	21.2	-75.03	265.0	993.8	539.3	503.0	36.33	14.846		
7,300.0	6,899.9	6,928.5	6,862.0	22.4	21.2	-80.95	265.3	993.8	498.7	460.9	37.85	13.177		
7,314.2	6,900.0	6,928.6	6,862.2	22.6	21.2	-82.45	265.4	993.8	487.5	449.2	38.22	12.754		
7,400.0	6,900.0	6,928.6	6,862.2	24.5	21.2	-82.45	265.3	993.8	423.0	383.0	40.02	10.571		
7,500.0	6,900.0	6,928.6	6,862.2	26.7	21.2	-82.44	265.3	993.8	359.3	317.1	42.23	8.510		
7,600.0	6,900.0	6,928.6	6,862.1	29.0	21.2	-82.44	265.3	993.8	315.2	270.6	44.54	7.076		
7,699.0	6,900.0	6,928.6	6,862.1	31.4	21.2	-82.44	265.3	993.8	299.2	252.3	46.90	6.379 CC		
7,700.0	6,900.0	6,928.6	6,862.1	31.4	21.2	-82.44	265.3	993.8	299.2	252.3	46.93	6.376 ES, SF		
7,800.0	6,900.0	6,928.6	6,862.1	33.9	21.2	-82.44	265.3	993.8	315.8	266.4	49.38	6.395		
7,900.0	6,900.0	6,928.6	6,862.1	36.4	21.2	-82.44	265.3	993.8	360.4	308.6	51.87	6.948		
8,000.0	6,900.0	6,928.5	6,862.1	39.0	21.2	-82.44	265.3	993.8	424.4	370.0	54.41	7.800		
8,100.0	6,900.0	6,928.5	6,862.1	41.6	21.2	-82.43	265.3	993.8	500.3	443.3	56.98	8.780		
8,200.0	6,900.0	6,928.5	6,862.1	44.2	21.2	-82.43	265.3	993.8	583.5	523.9	59.57	9.795		
8,300.0	6,900.0	6,928.5	6,862.1	46.8	21.2	-82.43	265.3	993.8	671.3	609.1	62.19	10.795		
8,400.0	6,900.0	6,928.5	6,862.1	49.5	21.2	-82.43	265.3	993.8	762.2	697.3	64.83	11.757		
8,500.0	6,900.0	6,928.5	6,862.1	52.1	21.2	-82.43	265.3	993.8	855.0	787.6	67.48	12.672		
8,600.0	6,900.0	6,928.5	6,862.1	54.8	21.2	-82.43	265.3	993.8	949.4	879.2	70.14	13.535		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface	Offset Wellbore Centre		Distance		Minimum Separation	Separation Factor	Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset		+N/-S	+E/-W	Between Centres	Between Ellipses					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-19.7	0.0	19.7	19.7	0.00	N/A			
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-19.7	0.0	19.7	19.5	0.22	87.543			
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-19.7	0.0	19.7	19.0	0.67	29.181			
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-19.7	0.0	19.7	18.6	1.12	17.509			
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-19.7	0.0	19.7	18.1	1.57	12.506			
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-19.7	0.0	19.7	17.7	2.02	9.727			
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-19.7	0.0	19.7	17.2	2.47	7.958			
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-19.7	0.0	19.7	16.8	2.92	6.734			
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-19.7	0.0	19.7	16.3	3.37	5.836			
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-19.7	0.0	19.7	15.9	3.82	5.150			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-19.7	0.0	19.7	15.4	4.27	4.608			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-19.7	0.0	19.7	15.0	4.72	4.169			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-19.7	0.0	19.7	14.5	5.17	3.806			
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-19.7	0.0	19.7	14.1	5.62	3.502			
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-19.7	0.0	19.7	13.6	6.07	3.242			
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	180.00	-19.7	0.0	19.7	13.2	6.52	3.019			
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	180.00	-19.7	0.0	19.7	12.7	6.97	2.824 CC			
1,700.0	1,700.0	1,699.9	1,699.9	3.7	3.7	-176.34	-20.0	-1.3	20.0	12.6	7.40	2.702 ES, SF			
1,800.0	1,800.0	1,799.6	1,799.5	3.9	3.9	-166.23	-20.8	-5.1	21.4	13.6	7.82	2.738			
1,900.0	1,900.0	1,899.1	1,898.8	4.2	4.1	-152.72	-22.2	-11.4	25.0	16.7	8.24	3.029			
2,000.0	2,000.0	1,998.1	1,997.4	4.4	4.3	-139.95	-24.1	-20.3	31.6	22.9	8.68	3.637			
2,100.0	2,100.0	2,097.2	2,095.9	4.6	4.5	-130.39	-26.5	-31.1	41.0	31.9	9.14	4.492			
2,200.0	2,200.0	2,196.6	2,194.6	4.8	4.8	-124.41	-28.9	-42.1	51.4	41.8	9.60	5.352			
2,300.0	2,300.0	2,295.9	2,293.3	5.1	5.0	-120.45	-31.3	-53.2	62.1	52.0	10.07	6.166			
2,400.0	2,400.0	2,395.3	2,392.0	5.3	5.3	-117.67	-33.7	-64.3	73.0	62.4	10.54	6.923			
2,500.0	2,500.0	2,494.7	2,490.8	5.5	5.5	-2.44	-36.1	-75.3	82.7	71.9	10.81	7.652			
2,600.0	2,599.9	2,594.5	2,589.9	5.7	5.8	-0.87	-38.5	-86.4	89.9	78.7	11.21	8.026			
2,700.0	2,699.7	2,694.3	2,689.1	5.9	6.1	0.47	-40.9	-97.5	94.6	83.0	11.60	8.156			
2,800.0	2,799.3	2,794.3	2,788.4	6.1	6.3	1.74	-43.4	-108.6	96.7	84.7	11.99	8.065			
2,813.1	2,812.3	2,807.3	2,801.4	6.1	6.4	1.90	-43.7	-110.1	96.8	84.7	12.04	8.037			
2,900.0	2,898.7	2,894.3	2,887.7	6.3	6.6	3.00	-45.8	-119.8	97.2	84.8	12.40	7.838			
3,000.0	2,998.1	2,994.2	2,987.1	6.5	6.9	4.25	-48.2	-130.9	97.7	84.9	12.82	7.623			
3,100.0	3,097.5	3,094.2	3,086.4	6.7	7.2	5.48	-50.6	-142.0	98.3	85.0	13.24	7.423			
3,200.0	3,196.9	3,194.2	3,185.7	7.0	7.5	6.70	-53.1	-153.1	98.9	85.2	13.67	7.237			
3,300.0	3,296.4	3,294.2	3,285.0	7.2	7.7	7.91	-55.5	-164.3	99.6	85.5	14.10	7.063			
3,400.0	3,395.8	3,394.1	3,384.4	7.5	8.0	9.09	-57.9	-175.4	100.3	85.7	14.53	6.900			
3,495.6	3,490.8	3,489.9	3,479.5	7.7	8.3	10.21	-60.2	-186.0	101.0	86.0	14.95	6.755			
3,500.0	3,495.2	3,494.5	3,484.0	7.7	8.3	10.27	-60.4	-186.5	101.0	86.0	14.97	6.747			
3,600.0	3,594.8	3,598.1	3,587.2	7.9	8.6	11.26	-62.4	-195.9	101.5	86.1	15.41	6.586			
3,700.0	3,694.6	3,701.8	3,690.7	8.1	8.8	11.85	-63.6	-201.6	101.8	86.0	15.83	6.431			
3,805.4	3,800.0	3,811.1	3,800.0	8.3	9.0	-101.13	-64.1	-203.6	101.9	84.6	17.31	5.889			
3,900.0	3,894.6	3,905.7	3,894.6	8.5	9.1	-101.13	-64.1	-203.6	101.9	84.2	17.67	5.768			
4,000.0	3,994.6	4,005.7	3,994.6	8.7	9.3	-101.13	-64.1	-203.6	101.9	83.8	18.08	5.637			
4,100.0	4,094.6	4,105.7	4,094.6	9.0	9.5	-101.13	-64.1	-203.6	101.9	83.4	18.49	5.511			
4,200.0	4,194.6	4,205.7	4,194.6	9.2	9.7	-101.13	-64.1	-203.6	101.9	83.0	18.91	5.390			
4,300.0	4,294.6	4,305.7	4,294.6	9.4	9.9	-101.13	-64.1	-203.6	101.9	82.6	19.33	5.274			
4,400.0	4,394.6	4,405.7	4,394.6	9.6	10.1	-101.13	-64.1	-203.6	101.9	82.2	19.74	5.162			
4,500.0	4,494.6	4,505.7	4,494.6	9.8	10.3	-101.13	-64.1	-203.6	101.9	81.8	20.16	5.054			
4,600.0	4,594.6	4,605.7	4,594.6	10.0	10.5	-101.13	-64.1	-203.6	101.9	81.3	20.58	4.951			
4,700.0	4,694.6	4,705.7	4,694.6	10.3	10.8	-101.13	-64.1	-203.6	101.9	80.9	21.01	4.852			
4,800.0	4,794.6	4,805.7	4,794.6	10.5	11.0	-101.13	-64.1	-203.6	101.9	80.5	21.43	4.756			
4,900.0	4,894.6	4,905.7	4,894.6	10.7	11.2	-101.13	-64.1	-203.6	101.9	80.1	21.85	4.664			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,994.6	5,005.7	4,994.6	10.9	11.4	-101.13	-64.1	-203.6	101.9	79.6	22.28	4.575		
5,100.0	5,094.6	5,105.7	5,094.6	11.1	11.6	-101.13	-64.1	-203.6	101.9	79.2	22.70	4.489		
5,200.0	5,194.6	5,205.7	5,194.6	11.4	11.8	-101.13	-64.1	-203.6	101.9	78.8	23.13	4.406		
5,300.0	5,294.6	5,305.7	5,294.6	11.6	12.0	-101.13	-64.1	-203.6	101.9	78.4	23.56	4.326		
5,400.0	5,394.6	5,405.7	5,394.6	11.8	12.2	-101.13	-64.1	-203.6	101.9	77.9	23.99	4.249		
5,500.0	5,494.6	5,505.7	5,494.6	12.0	12.4	-101.13	-64.1	-203.6	101.9	77.5	24.42	4.174		
5,600.0	5,594.6	5,605.7	5,594.6	12.2	12.6	-101.13	-64.1	-203.6	101.9	77.1	24.85	4.102		
5,700.0	5,694.6	5,705.7	5,694.6	12.4	12.8	-101.13	-64.1	-203.6	101.9	76.6	25.28	4.032		
5,800.0	5,794.6	5,805.7	5,794.6	12.7	13.0	-101.13	-64.1	-203.6	101.9	76.2	25.71	3.964		
5,900.0	5,894.6	5,905.7	5,894.6	12.9	13.3	-101.13	-64.1	-203.6	101.9	75.8	26.14	3.899		
6,000.0	5,994.6	6,005.7	5,994.6	13.1	13.5	-101.13	-64.1	-203.6	101.9	75.3	26.57	3.836		
6,100.0	6,094.6	6,105.7	6,094.6	13.3	13.7	-101.13	-64.1	-203.6	101.9	74.9	27.00	3.774		
6,189.2	6,183.8	6,194.9	6,183.8	13.5	13.9	-101.13	-64.1	-203.6	101.9	74.5	27.39	3.721		
6,200.0	6,194.6	6,205.7	6,194.6	13.5	13.9	169.56	-64.1	-203.6	102.0	75.3	26.68	3.822		
6,250.0	6,244.5	6,255.6	6,244.5	13.6	14.0	169.77	-64.1	-203.6	104.5	77.7	26.76	3.904		
6,300.0	6,294.2	6,305.2	6,294.2	13.7	14.1	170.24	-64.1	-203.6	110.3	83.6	26.71	4.132		
6,350.0	6,343.3	6,354.3	6,343.3	13.8	14.2	170.89	-64.1	-203.6	119.6	93.1	26.52	4.511		
6,400.0	6,391.6	6,402.6	6,391.6	13.9	14.3	171.62	-64.1	-203.6	132.3	106.1	26.21	5.048		
6,450.0	6,438.9	6,450.0	6,438.9	14.0	14.4	172.35	-64.1	-203.6	148.3	122.6	25.77	5.758		
6,500.0	6,484.9	6,496.0	6,484.9	14.1	14.5	173.03	-64.1	-203.6	167.6	142.4	25.19	6.655		
6,550.0	6,529.5	6,549.8	6,538.7	14.2	14.6	173.77	-64.1	-202.7	189.5	165.0	24.49	7.736		
6,600.0	6,572.4	6,612.3	6,601.0	14.3	14.7	174.46	-64.0	-197.0	211.0	187.3	23.68	8.911		
6,650.0	6,613.5	6,678.1	6,665.6	14.5	14.8	175.00	-63.9	-185.1	231.6	208.9	22.75	10.183		
6,700.0	6,652.4	6,747.4	6,732.3	14.7	14.9	175.44	-63.6	-166.2	251.1	229.4	21.71	11.567		
6,750.0	6,689.0	6,820.5	6,800.2	14.9	15.0	175.80	-63.3	-139.4	269.3	248.7	20.58	13.084		
6,800.0	6,723.2	6,897.4	6,868.4	15.2	15.1	176.09	-62.9	-103.8	285.8	266.5	19.37	14.755		
6,850.0	6,754.8	6,978.3	6,935.5	15.6	15.2	176.33	-62.4	-58.8	300.5	282.4	18.10	16.601		
6,900.0	6,783.5	7,062.9	6,999.9	16.1	15.5	176.51	-61.8	-4.0	312.9	296.1	16.79	18.641		
6,950.0	6,809.4	7,150.9	7,059.5	16.6	16.0	176.65	-61.0	60.7	322.9	307.4	15.46	20.881		
7,000.0	6,832.2	7,241.8	7,112.2	17.2	16.6	176.75	-60.1	134.6	330.1	316.0	14.18	23.283		
7,050.0	6,851.8	7,334.6	7,155.9	17.9	17.6	176.80	-59.2	216.5	334.5	321.5	12.98	25.763		
7,100.0	6,868.2	7,428.5	7,189.0	18.7	18.9	176.82	-58.2	304.2	335.8	323.9	11.97	28.058		
7,150.0	6,881.3	7,522.3	7,210.4	19.5	20.4	176.79	-57.1	395.5	334.1	322.9	11.21	29.813		
7,200.0	6,890.9	7,614.9	7,219.6	20.4	22.1	176.72	-56.0	487.6	329.4	318.6	10.78	30.567		
7,250.0	6,897.1	7,676.0	7,220.0	21.4	23.3	176.67	-55.3	548.7	323.4	312.9	10.53	30.718		
7,300.0	6,899.9	7,725.9	7,220.0	22.4	24.3	176.65	-54.7	598.6	320.7	310.1	10.59	30.282		
7,314.2	6,900.0	7,740.1	7,220.0	22.6	24.6	176.65	-54.6	612.8	320.5	309.9	10.68	30.021		
7,314.2	6,900.0	7,740.1	7,220.0	22.6	24.6	176.65	-54.6	612.8	320.5	309.9	10.68	30.021		
7,400.0	6,900.0	7,825.9	7,220.0	24.5	26.5	176.64	-53.6	698.6	320.6	308.7	11.83	27.095		
7,500.0	6,900.0	7,925.9	7,220.0	26.7	28.7	176.64	-52.4	798.6	320.6	307.3	13.21	24.271		
7,600.0	6,900.0	8,025.9	7,220.0	29.0	31.1	176.63	-51.2	898.5	320.6	305.9	14.61	21.941		
7,700.0	6,900.0	8,125.9	7,220.0	31.4	33.5	176.63	-50.1	998.5	320.6	304.5	16.03	19.996		
7,800.0	6,900.0	8,225.9	7,220.0	33.9	36.0	176.62	-48.9	1,098.5	320.6	303.1	17.47	18.353		
7,900.0	6,900.0	8,325.9	7,220.0	36.4	38.5	176.61	-47.8	1,198.5	320.6	301.6	18.91	16.950		
8,000.0	6,900.0	8,425.9	7,220.0	39.0	41.0	176.61	-46.6	1,298.5	320.6	300.2	20.37	15.739		
8,100.0	6,900.0	8,525.9	7,220.0	41.6	43.6	176.60	-45.4	1,398.5	320.6	298.7	21.83	14.685		
8,200.0	6,900.0	8,625.9	7,220.0	44.2	46.2	176.60	-44.3	1,498.5	320.6	297.3	23.30	13.759		
8,300.0	6,900.0	8,725.9	7,220.0	46.8	48.9	176.59	-43.1	1,598.5	320.6	295.8	24.77	12.941		
8,400.0	6,900.0	8,825.9	7,220.0	49.5	51.5	176.58	-41.9	1,698.5	320.6	294.3	26.25	12.213		
8,500.0	6,900.0	8,925.9	7,220.0	52.1	54.2	176.58	-40.8	1,798.5	320.6	292.8	27.73	11.562		
8,600.0	6,900.0	9,025.9	7,220.0	54.8	56.9	176.57	-39.6	1,898.5	320.6	291.4	29.21	10.975		
8,700.0	6,900.0	9,125.9	7,220.0	57.5	59.6	176.57	-38.4	1,998.5	320.6	289.9	30.70	10.444		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2C - Wellbore #1 - Plan #2 (9-21-15)												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (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	
8,800.0	6,900.0	9,225.9	7,220.0	60.2	62.3	176.56	-37.3	2,098.5	320.6	288.4	32.18	9.961	
8,900.0	6,900.0	9,325.9	7,220.0	62.9	65.0	176.56	-36.1	2,198.5	320.6	286.9	33.67	9.520	
9,000.0	6,900.0	9,425.9	7,220.0	65.7	67.7	176.55	-35.0	2,298.5	320.6	285.4	35.17	9.116	
9,100.0	6,900.0	9,525.9	7,220.0	68.4	70.4	176.54	-33.8	2,398.4	320.6	283.9	36.66	8.745	
9,200.0	6,900.0	9,625.9	7,220.0	71.1	73.2	176.54	-32.6	2,498.4	320.6	282.4	38.15	8.403	
9,300.0	6,900.0	9,725.9	7,220.0	73.9	75.9	176.53	-31.5	2,598.4	320.6	280.9	39.65	8.086	
9,400.0	6,900.0	9,825.9	7,220.0	76.6	78.6	176.53	-30.3	2,698.4	320.6	279.4	41.15	7.792	
9,500.0	6,900.0	9,925.9	7,220.0	79.4	81.4	176.52	-29.1	2,798.4	320.6	277.9	42.64	7.518	
9,600.0	6,900.0	10,025.9	7,220.0	82.1	84.1	176.52	-28.0	2,898.4	320.6	276.4	44.14	7.263	
9,700.0	6,900.0	10,125.9	7,220.0	84.9	86.9	176.51	-26.8	2,998.4	320.6	275.0	45.64	7.024	
9,800.0	6,900.0	10,225.9	7,220.0	87.6	89.6	176.50	-25.6	3,098.4	320.6	273.5	47.14	6.800	
9,900.0	6,900.0	10,325.9	7,220.0	90.4	92.4	176.50	-24.5	3,198.4	320.6	272.0	48.65	6.591	
10,000.0	6,900.0	10,425.9	7,220.0	93.2	95.2	176.49	-23.3	3,298.4	320.6	270.5	50.15	6.393	
10,100.0	6,900.0	10,525.9	7,220.0	95.9	97.9	176.49	-22.1	3,398.4	320.6	269.0	51.65	6.207	
10,200.0	6,900.0	10,625.9	7,220.0	98.7	100.7	176.48	-21.0	3,498.4	320.6	267.5	53.15	6.032	
10,300.0	6,900.0	10,725.9	7,220.0	101.5	103.5	176.47	-19.8	3,598.4	320.6	265.9	54.66	5.866	
10,400.0	6,900.0	10,825.9	7,220.0	104.2	106.2	176.47	-18.7	3,698.4	320.6	264.4	56.16	5.708	
10,500.0	6,900.0	10,925.9	7,220.0	107.0	109.0	176.46	-17.5	3,798.4	320.6	262.9	57.67	5.559	
10,600.0	6,900.0	11,025.9	7,220.0	109.8	111.8	176.46	-16.3	3,898.3	320.6	261.4	59.18	5.418	
10,700.0	6,900.0	11,125.9	7,220.0	112.6	114.6	176.45	-15.2	3,998.3	320.6	259.9	60.68	5.283	
10,800.0	6,900.0	11,225.9	7,220.0	115.3	117.3	176.45	-14.0	4,098.3	320.6	258.4	62.19	5.155	
10,900.0	6,900.0	11,325.9	7,220.0	118.1	120.1	176.44	-12.8	4,198.3	320.6	256.9	63.70	5.033	
11,000.0	6,900.0	11,425.9	7,220.0	120.9	122.9	176.43	-11.7	4,298.3	320.6	255.4	65.21	4.917	
11,100.0	6,900.0	11,525.9	7,220.0	123.7	125.7	176.43	-10.5	4,398.3	320.6	253.9	66.71	4.806	
11,200.0	6,900.0	11,625.9	7,220.0	126.5	128.5	176.42	-9.3	4,498.3	320.6	252.4	68.22	4.700	
11,252.4	6,900.0	11,678.3	7,220.0	127.4	129.9	176.42	-8.7	4,550.7	320.6	251.8	68.82	4.659	
11,289.0	6,900.0	11,714.6	7,220.0	128.1	130.9	176.42	-8.3	4,587.0	320.6	251.4	69.24	4.631	



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)				
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-39.7	0.0	39.7						
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-39.7	0.0	39.7	39.5	0.22	176.689			
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-39.7	0.0	39.7	39.0	0.67	58.896			
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-39.7	0.0	39.7	38.6	1.12	35.338			
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-39.7	0.0	39.7	38.1	1.57	25.241			
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-39.7	0.0	39.7	37.7	2.02	19.632			
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-39.7	0.0	39.7	37.2	2.47	16.063			
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-39.7	0.0	39.7	36.8	2.92	13.591			
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-39.7	0.0	39.7	36.3	3.37	11.779			
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-39.7	0.0	39.7	35.9	3.82	10.393			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-39.7	0.0	39.7	35.4	4.27	9.299			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-39.7	0.0	39.7	35.0	4.72	8.414			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-39.7	0.0	39.7	34.5	5.17	7.682			
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-39.7	0.0	39.7	34.1	5.62	7.068			
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-39.7	0.0	39.7	33.6	6.07	6.544	CC, ES		
1,500.0	1,500.0	1,499.1	1,499.1	3.3	3.2	-179.01	-40.8	-0.7	40.8	34.3	6.49	6.287			
1,600.0	1,600.0	1,598.1	1,598.0	3.5	3.4	-176.33	-44.0	-2.8	44.1	37.2	6.89	6.407			
1,700.0	1,700.0	1,696.8	1,696.5	3.7	3.6	-172.68	-49.3	-6.3	49.9	42.6	7.30	6.833			
1,800.0	1,800.0	1,795.1	1,794.4	3.9	3.8	-168.81	-56.8	-11.2	58.1	50.4	7.72	7.532			
1,900.0	1,900.0	1,893.9	1,892.6	4.2	4.0	-165.31	-66.0	-17.3	68.6	60.4	8.15	8.412			
2,000.0	2,000.0	1,993.3	1,991.3	4.4	4.2	-162.69	-75.4	-23.5	79.5	70.8	8.61	9.233			
2,100.0	2,100.0	2,092.6	2,090.0	4.6	4.5	-160.70	-84.8	-29.7	90.4	81.4	9.07	9.975			
2,200.0	2,200.0	2,192.0	2,188.7	4.8	4.7	-159.14	-94.3	-35.9	101.5	92.0	9.53	10.646			
2,300.0	2,300.0	2,291.3	2,287.4	5.1	5.0	-157.89	-103.7	-42.1	112.6	102.6	10.01	11.251			
2,400.0	2,400.0	2,390.7	2,386.2	5.3	5.2	-156.86	-113.1	-48.3	123.8	113.3	10.49	11.800			
2,500.0	2,500.0	2,490.2	2,485.0	5.5	5.5	-43.08	-122.6	-54.6	134.0	123.3	10.69	12.539			
2,600.0	2,599.9	2,589.8	2,584.0	5.7	5.8	-43.31	-132.0	-60.8	142.4	131.3	11.09	12.838			
2,700.0	2,699.7	2,689.6	2,683.1	5.9	6.0	-44.21	-141.5	-67.0	148.9	137.4	11.50	12.944			
2,800.0	2,799.3	2,789.4	2,782.2	6.1	6.3	-45.74	-151.0	-73.3	153.5	141.6	11.92	12.882			
2,813.1	2,812.3	2,802.4	2,795.2	6.1	6.3	-45.99	-152.2	-74.1	154.0	142.1	11.98	12.862			
2,900.0	2,898.7	2,889.2	2,881.4	6.3	6.6	-47.66	-160.4	-79.5	157.2	144.9	12.36	12.722			
3,000.0	2,998.1	2,989.0	2,980.5	6.5	6.9	-49.50	-169.9	-85.7	161.1	148.3	12.81	12.574			
3,100.0	3,097.5	3,088.7	3,079.7	6.7	7.2	-51.25	-179.4	-92.0	165.1	151.8	13.27	12.439			
3,200.0	3,196.9	3,188.5	3,178.8	7.0	7.5	-52.92	-188.8	-98.2	169.2	155.5	13.74	12.315			
3,300.0	3,296.4	3,288.3	3,278.0	7.2	7.7	-54.51	-198.3	-104.4	173.5	159.3	14.22	12.201			
3,400.0	3,395.8	3,388.1	3,377.1	7.5	8.0	-56.01	-207.8	-110.7	177.9	163.2	14.71	12.095			
3,495.6	3,490.8	3,483.5	3,471.9	7.7	8.3	-57.39	-216.8	-116.6	182.3	167.1	15.19	12.002			
3,500.0	3,495.2	3,487.9	3,476.3	7.7	8.3	-57.45	-217.3	-116.9	182.5	167.3	15.21	11.998			
3,600.0	3,594.8	3,587.7	3,575.4	7.9	8.6	-58.42	-226.7	-123.2	188.1	172.4	15.68	11.992			
3,700.0	3,694.6	3,687.4	3,674.5	8.1	8.9	-58.48	-236.2	-129.4	195.6	179.4	16.14	12.120			
3,805.4	3,800.0	3,792.3	3,778.7	8.3	9.2	-170.89	-246.1	-135.9	205.4	188.2	17.22	11.928			
3,900.0	3,894.6	3,886.3	3,872.1	8.5	9.5	-169.72	-255.1	-141.8	215.3	197.6	17.71	12.157			
4,000.0	3,994.6	3,985.7	3,970.8	8.7	9.8	-168.59	-264.5	-148.0	225.8	207.6	18.24	12.380			
4,100.0	4,094.6	4,085.0	4,069.5	9.0	10.1	-167.56	-273.9	-154.2	236.4	217.6	18.77	12.594			
4,200.0	4,194.6	4,184.4	4,168.2	9.2	10.4	-166.62	-283.4	-160.4	247.0	227.7	19.30	12.799			
4,300.0	4,294.6	4,283.7	4,266.9	9.4	10.7	-165.76	-292.8	-166.7	257.8	237.9	19.83	12.997			
4,400.0	4,394.6	4,383.1	4,365.6	9.6	11.0	-164.96	-302.2	-172.9	268.5	248.2	20.36	13.187			
4,500.0	4,494.6	4,482.4	4,464.3	9.8	11.3	-164.23	-311.6	-179.1	279.3	258.4	20.89	13.369			
4,600.0	4,594.6	4,581.8	4,563.0	10.0	11.6	-163.55	-321.1	-185.3	290.2	268.8	21.43	13.544			
4,700.0	4,694.6	4,681.1	4,661.7	10.3	12.0	-162.92	-330.5	-191.5	301.1	279.1	21.96	13.713			
4,800.0	4,794.6	4,790.6	4,770.7	10.5	12.2	-162.36	-339.5	-197.4	310.6	288.2	22.44	13.840			
4,900.0	4,894.6	4,902.2	4,882.0	10.7	12.4	-162.03	-345.2	-201.2	316.5	293.6	22.90	13.822			

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,994.6	5,014.1	4,994.0	10.9	12.6	-161.91	-347.2	-202.5	318.5	295.2	23.31	13.663		
5,100.0	5,094.6	5,114.8	5,094.6	11.1	12.8	-161.91	-347.2	-202.5	318.6	294.8	23.71	13.436		
5,200.0	5,194.6	5,214.8	5,194.6	11.4	13.0	-161.91	-347.2	-202.5	318.6	294.5	24.10	13.221		
5,300.0	5,294.6	5,314.8	5,294.6	11.6	13.1	-161.91	-347.2	-202.5	318.6	294.1	24.48	13.010		
5,400.0	5,394.6	5,414.8	5,394.6	11.8	13.3	-161.91	-347.2	-202.5	318.6	293.7	24.88	12.806		
5,500.0	5,494.6	5,514.8	5,494.6	12.0	13.5	-161.91	-347.2	-202.5	318.6	293.3	25.27	12.607		
5,600.0	5,594.6	5,614.8	5,594.6	12.2	13.7	-161.91	-347.2	-202.5	318.6	292.9	25.66	12.413		
5,700.0	5,694.6	5,714.8	5,694.6	12.4	13.8	-161.91	-347.2	-202.5	318.6	292.5	26.06	12.225		
5,800.0	5,794.6	5,814.8	5,794.6	12.7	14.0	-161.91	-347.2	-202.5	318.6	292.1	26.46	12.041		
5,900.0	5,894.6	5,914.8	5,894.6	12.9	14.2	-161.91	-347.2	-202.5	318.6	291.7	26.86	11.862		
6,000.0	5,994.6	6,014.8	5,994.6	13.1	14.4	-161.91	-347.2	-202.5	318.6	291.3	27.26	11.688		
6,100.0	6,094.6	6,114.8	6,094.6	13.3	14.5	-161.91	-347.2	-202.5	318.6	290.9	27.66	11.518		
6,189.2	6,183.8	6,204.0	6,183.8	13.5	14.7	-161.91	-347.2	-202.5	318.6	290.5	28.02	11.370		
6,200.0	6,194.6	6,216.6	6,196.4	13.5	14.7	108.77	-347.2	-202.4	318.6	291.8	26.79	11.891		
6,250.0	6,244.5	6,274.9	6,254.6	13.6	14.8	108.70	-347.2	-199.0	318.4	291.5	26.96	11.810		
6,300.0	6,294.2	6,333.1	6,312.3	13.7	14.9	108.52	-347.1	-190.9	318.1	291.0	27.11	11.733		
6,350.0	6,343.3	6,391.3	6,369.0	13.8	14.9	108.25	-346.9	-178.2	317.6	290.4	27.24	11.659		
6,400.0	6,391.6	6,449.2	6,424.2	13.9	15.0	107.88	-346.7	-160.9	317.0	289.6	27.36	11.584		
6,450.0	6,438.9	6,506.8	6,477.7	14.0	15.0	107.41	-346.5	-139.4	316.1	288.7	27.48	11.503		
6,500.0	6,484.9	6,564.2	6,529.0	14.1	15.1	106.84	-346.2	-113.8	315.2	287.6	27.62	11.411		
6,550.0	6,529.5	6,621.2	6,577.8	14.2	15.1	106.19	-345.8	-84.4	314.2	286.4	27.80	11.300		
6,600.0	6,572.4	6,677.8	6,623.8	14.3	15.1	105.44	-345.4	-51.4	313.0	285.0	28.04	11.164		
6,650.0	6,613.5	6,734.0	6,666.7	14.5	15.1	104.62	-345.0	-15.2	311.8	283.5	28.36	10.995		
6,700.0	6,652.4	6,789.7	6,706.4	14.7	15.2	103.71	-344.6	23.9	310.6	281.8	28.80	10.787		
6,750.0	6,689.0	6,844.9	6,742.5	14.9	15.2	102.74	-344.1	65.6	309.4	280.0	29.36	10.537		
6,800.0	6,723.2	6,899.5	6,775.1	15.2	15.3	101.69	-343.6	109.5	308.2	278.1	30.08	10.244		
6,850.0	6,754.8	6,953.7	6,803.9	15.6	15.8	100.58	-343.0	155.3	307.0	276.0	30.98	9.910		
6,900.0	6,783.5	7,007.3	6,829.0	16.1	16.4	99.42	-342.5	202.7	305.9	273.8	32.05	9.543		
6,950.0	6,809.4	7,060.4	6,850.2	16.6	17.1	98.21	-341.9	251.3	304.9	271.6	33.31	9.154		
7,000.0	6,832.2	7,112.9	6,867.7	17.2	17.9	96.96	-341.3	300.9	304.0	269.3	34.73	8.753		
7,050.0	6,851.8	7,164.9	6,881.3	17.9	18.7	95.67	-340.7	351.0	303.3	266.9	36.31	8.351		
7,100.0	6,868.2	7,216.3	6,891.2	18.7	19.6	94.36	-340.1	401.4	302.6	264.6	38.03	7.957		
7,150.0	6,881.3	7,267.2	6,897.3	19.5	20.5	93.03	-339.5	451.9	302.2	262.3	39.87	7.580		
7,200.0	6,890.9	7,317.6	6,899.9	20.4	21.5	91.69	-338.9	502.2	301.9	260.1	41.79	7.225		
7,250.0	6,897.1	7,367.3	6,900.0	21.4	22.5	90.54	-338.4	552.0	301.8	258.0	43.78	6.893		
7,272.5	6,898.8	7,389.8	6,900.0	21.8	23.0	90.23	-338.1	574.4	301.8	257.1	44.70	6.752		
7,300.0	6,899.9	7,417.2	6,900.0	22.4	23.6	90.03	-337.8	601.9	301.8	256.0	45.84	6.584		
7,314.2	6,900.0	7,431.4	6,900.0	22.6	23.9	90.00	-337.6	616.1	301.8	255.4	46.44	6.499		
7,400.0	6,900.0	7,517.2	6,900.0	24.5	25.8	90.00	-336.6	701.9	301.8	251.7	50.14	6.020		
7,500.0	6,900.0	7,617.2	6,900.0	26.7	28.1	90.00	-335.4	801.9	301.8	247.2	54.68	5.520		
7,600.0	6,900.0	7,717.2	6,900.0	29.0	30.5	90.00	-334.3	901.9	301.9	242.5	59.40	5.082		
7,700.0	6,900.0	7,817.2	6,900.0	31.4	32.9	90.00	-333.1	1,001.9	301.9	237.6	64.27	4.697		
7,800.0	6,900.0	7,917.2	6,900.0	33.9	35.5	90.00	-331.9	1,101.9	301.9	232.7	69.25	4.360		
7,900.0	6,900.0	8,017.2	6,900.0	36.4	38.0	90.00	-330.7	1,201.8	301.9	227.6	74.32	4.063		
8,000.0	6,900.0	8,117.2	6,900.0	39.0	40.6	90.00	-329.6	1,301.8	302.0	222.5	79.46	3.800		
8,100.0	6,900.0	8,217.2	6,900.0	41.6	43.2	90.00	-328.4	1,401.8	302.0	217.3	84.66	3.567		
8,200.0	6,900.0	8,317.2	6,900.0	44.2	45.8	90.00	-327.2	1,501.8	302.0	212.1	89.91	3.359		
8,300.0	6,900.0	8,417.2	6,900.0	46.8	48.5	90.00	-326.0	1,601.8	302.0	206.8	95.20	3.172		
8,400.0	6,900.0	8,517.2	6,900.0	49.5	51.1	90.00	-324.9	1,701.8	302.1	201.5	100.53	3.005		
8,500.0	6,900.0	8,617.2	6,900.0	52.1	53.8	90.00	-323.7	1,801.8	302.1	196.2	105.89	2.853		
8,600.0	6,900.0	8,717.2	6,900.0	54.8	56.5	90.00	-322.5	1,901.8	302.1	190.8	111.27	2.715		
8,700.0	6,900.0	8,817.2	6,900.0	57.5	59.2	90.00	-321.4	2,001.8	302.1	185.5	116.67	2.590		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,800.0	6,900.0	8,917.2	6,900.0	60.2	61.9	90.00	-320.2	2,101.8	302.1	180.1	122.09	2.475		
8,900.0	6,900.0	9,017.2	6,900.0	62.9	64.7	90.00	-319.0	2,201.8	302.2	174.6	127.53	2.369		
9,000.0	6,900.0	9,117.2	6,900.0	65.7	67.4	90.00	-317.8	2,301.8	302.2	169.2	132.98	2.272		
9,100.0	6,900.0	9,217.2	6,900.0	68.4	70.1	90.00	-316.7	2,401.8	302.2	163.8	138.44	2.183		
9,200.0	6,900.0	9,317.2	6,900.0	71.1	72.9	90.00	-315.5	2,501.8	302.2	158.3	143.92	2.100		
9,300.0	6,900.0	9,417.2	6,900.0	73.9	75.6	90.00	-314.3	2,601.8	302.3	152.9	149.41	2.023		
9,400.0	6,900.0	9,517.2	6,900.0	76.6	78.3	90.00	-313.1	2,701.7	302.3	147.4	154.90	1.952		
9,500.0	6,900.0	9,617.2	6,900.0	79.4	81.1	90.00	-312.0	2,801.7	302.3	141.9	160.40	1.885		
9,600.0	6,900.0	9,717.2	6,900.0	82.1	83.8	90.00	-310.8	2,901.7	302.3	136.4	165.91	1.822		
9,700.0	6,900.0	9,817.2	6,900.0	84.9	86.6	90.00	-309.6	3,001.7	302.4	130.9	171.43	1.764		
9,800.0	6,900.0	9,917.2	6,900.0	87.6	89.4	90.00	-308.4	3,101.7	302.4	125.4	176.95	1.709		
9,900.0	6,900.0	10,017.2	6,900.0	90.4	92.1	90.00	-307.3	3,201.7	302.4	119.9	182.48	1.657		
10,000.0	6,900.0	10,117.2	6,900.0	93.2	94.9	90.00	-306.1	3,301.7	302.4	114.4	188.01	1.609		
10,100.0	6,900.0	10,217.2	6,900.0	95.9	97.7	90.00	-304.9	3,401.7	302.5	108.9	193.55	1.563		
10,200.0	6,900.0	10,317.2	6,900.0	98.7	100.4	90.00	-303.8	3,501.7	302.5	103.4	199.09	1.519		
10,300.0	6,900.0	10,417.2	6,900.0	101.5	103.2	90.00	-302.6	3,601.7	302.5	97.9	204.63	1.478	Level 3	
10,400.0	6,900.0	10,517.2	6,900.0	104.2	106.0	90.00	-301.4	3,701.7	302.5	92.3	210.18	1.439	Level 3	
10,500.0	6,900.0	10,617.2	6,900.0	107.0	108.8	90.00	-300.2	3,801.7	302.5	86.8	215.73	1.402	Level 3	
10,600.0	6,900.0	10,717.2	6,900.0	109.8	111.5	90.00	-299.1	3,901.7	302.6	81.3	221.29	1.367	Level 3	
10,700.0	6,900.0	10,817.2	6,900.0	112.6	114.3	90.00	-297.9	4,001.7	302.6	75.7	226.84	1.334	Level 3	
10,800.0	6,900.0	10,917.2	6,900.0	115.3	117.1	90.00	-296.7	4,101.6	302.6	70.2	232.40	1.302	Level 3	
10,900.0	6,900.0	11,017.2	6,900.0	118.1	119.9	90.00	-295.5	4,201.6	302.6	64.7	237.97	1.272	Level 3	
11,000.0	6,900.0	11,117.2	6,900.0	120.9	122.7	90.00	-294.4	4,301.6	302.7	59.1	243.53	1.243	Level 2	
11,100.0	6,900.0	11,217.2	6,900.0	123.7	125.4	90.00	-293.2	4,401.6	302.7	53.6	249.10	1.215	Level 2	
11,200.0	6,900.0	11,317.2	6,900.0	126.5	128.2	90.00	-292.0	4,501.6	302.7	48.0	254.66	1.189	Level 2	
11,251.6	6,900.0	11,368.8	6,900.0	127.4	129.7	90.00	-291.4	4,553.2	302.7	45.7	257.03	1.178	Level 2	
11,289.0	6,900.0	11,403.5	6,900.0	128.1	130.6	90.00	-291.0	4,587.9	302.7	44.1	258.67	1.170	Level 2, SF	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-139.9	0.0	139.9					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-139.9	0.0	139.9	139.7	0.22	622.437		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-139.9	0.0	139.9	139.2	0.67	207.479		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-139.9	0.0	139.9	138.8	1.12	124.487		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-139.9	0.0	139.9	138.3	1.57	88.920 CC, ES		
500.0	500.0	496.5	496.5	1.0	1.0	-179.93	-141.1	-0.2	141.2	139.2	1.99	70.963		
600.0	600.0	592.8	592.8	1.2	1.2	-179.72	-144.7	-0.7	144.9	142.5	2.40	60.486		
700.0	700.0	689.0	688.7	1.5	1.4	-179.39	-150.7	-1.6	151.1	148.3	2.82	53.585		
800.0	800.0	784.7	784.1	1.7	1.6	-178.97	-159.0	-2.9	159.9	156.6	3.27	48.934		
900.0	900.0	880.0	878.7	1.9	1.8	-178.50	-169.7	-4.4	171.1	167.3	3.74	45.774		
1,000.0	1,000.0	974.7	972.5	2.1	2.1	-178.00	-182.6	-6.4	184.7	180.5	4.23	43.632		
1,100.0	1,100.0	1,068.6	1,065.2	2.4	2.4	-177.50	-197.6	-8.6	200.9	196.1	4.76	42.205		
1,200.0	1,200.0	1,161.8	1,156.7	2.6	2.8	-177.02	-214.8	-11.2	219.4	214.1	5.31	41.291		
1,300.0	1,300.0	1,254.0	1,246.9	2.8	3.1	-176.56	-233.9	-14.0	240.3	234.4	5.90	40.752		
1,400.0	1,400.0	1,345.3	1,335.6	3.0	3.5	-176.14	-255.0	-17.2	263.5	257.0	6.51	40.494		
1,500.0	1,500.0	1,438.5	1,425.8	3.3	4.0	-175.75	-278.4	-20.7	288.9	281.7	7.16	40.359		
1,600.0	1,600.0	1,535.1	1,519.2	3.5	4.5	-175.40	-303.0	-24.4	314.6	306.7	7.84	40.130		
1,700.0	1,700.0	1,631.7	1,612.6	3.7	4.9	-175.11	-327.6	-28.0	340.3	331.7	8.53	39.903		
1,800.0	1,800.0	1,728.4	1,705.9	3.9	5.4	-174.85	-352.2	-31.7	366.0	356.7	9.22	39.687		
1,900.0	1,900.0	1,825.0	1,799.3	4.2	5.9	-174.63	-376.9	-35.4	391.7	381.8	9.92	39.486		
2,000.0	2,000.0	1,921.6	1,892.7	4.4	6.4	-174.44	-401.5	-39.1	417.4	406.8	10.62	39.300		
2,100.0	2,100.0	2,018.3	1,986.0	4.6	7.0	-174.27	-426.1	-42.7	443.1	431.8	11.32	39.129		
2,200.0	2,200.0	2,114.9	2,079.4	4.8	7.5	-174.12	-450.7	-46.4	468.8	456.8	12.03	38.972		
2,300.0	2,300.0	2,211.5	2,172.8	5.1	8.0	-173.98	-475.3	-50.1	494.6	481.8	12.74	38.828		
2,400.0	2,400.0	2,308.1	2,266.1	5.3	8.5	-173.86	-499.9	-53.8	520.3	506.8	13.45	38.696		
2,500.0	2,500.0	2,404.9	2,359.7	5.5	9.0	-60.34	-524.5	-57.5	545.4	534.2	11.19	48.740		
2,600.0	2,599.9	2,502.0	2,453.5	5.7	9.5	-60.26	-549.3	-61.1	569.2	557.6	11.65	48.846		
2,700.0	2,699.7	2,599.3	2,547.5	5.9	10.0	-60.41	-574.0	-64.8	591.9	579.7	12.13	48.807		
2,800.0	2,799.3	2,696.8	2,641.7	6.1	10.6	-60.77	-598.9	-68.6	613.3	600.7	12.61	48.636		
2,813.1	2,812.3	2,709.5	2,654.0	6.1	10.6	-60.83	-602.1	-69.0	616.0	603.3	12.67	48.604		
2,900.0	2,898.7	2,794.3	2,735.9	6.3	11.1	-61.46	-623.7	-72.3	634.0	620.9	13.10	48.400		
3,000.0	2,998.1	2,891.8	2,830.1	6.5	11.6	-62.14	-648.5	-76.0	654.8	641.2	13.60	48.157		
3,100.0	3,097.5	2,989.4	2,924.4	6.7	12.1	-62.78	-673.4	-79.7	675.7	661.5	14.10	47.908		
3,200.0	3,196.9	3,086.9	3,018.6	7.0	12.6	-63.38	-698.2	-83.4	696.6	682.0	14.62	47.656		
3,300.0	3,296.4	3,184.4	3,112.9	7.2	13.2	-63.95	-723.0	-87.1	717.6	702.5	15.14	47.403		
3,400.0	3,395.8	3,281.9	3,207.1	7.5	13.7	-64.48	-747.9	-90.8	738.7	723.1	15.67	47.150		
3,495.6	3,490.8	3,375.2	3,297.2	7.7	14.2	-64.97	-771.6	-94.4	758.9	742.8	16.18	46.911		
3,500.0	3,495.2	3,379.5	3,301.3	7.7	14.2	-65.00	-772.7	-94.5	759.9	743.7	16.20	46.902		
3,600.0	3,594.8	3,476.9	3,395.5	7.9	14.7	-65.76	-797.5	-98.2	781.8	765.1	16.71	46.800		
3,700.0	3,694.6	3,574.1	3,489.4	8.1	15.3	-66.30	-822.3	-101.9	805.2	788.0	17.20	46.827		
3,805.4	3,800.0	3,676.2	3,588.1	8.3	15.8	-179.84	-848.3	-105.8	831.3	807.5	23.84	34.875		
3,900.0	3,894.6	3,767.6	3,676.4	8.5	16.3	-179.61	-871.5	-109.3	855.5	830.9	24.52	34.882		
4,000.0	3,994.6	3,864.2	3,769.8	8.7	16.8	-179.37	-896.2	-113.0	881.0	855.7	25.27	34.867		
4,100.0	4,094.6	3,960.9	3,863.1	9.0	17.3	-179.15	-920.8	-116.6	906.5	880.5	26.01	34.853		
4,200.0	4,194.6	4,057.5	3,956.5	9.2	17.9	-178.94	-945.4	-120.3	932.0	905.3	26.75	34.839		
4,300.0	4,294.6	4,154.1	4,049.9	9.4	18.4	-178.74	-970.0	-124.0	957.6	930.1	27.50	34.827		
4,400.0	4,394.6	4,250.7	4,143.2	9.6	18.9	-178.55	-994.6	-127.7	983.2	954.9	28.24	34.816 SF		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	179.87	-119.9	0.3	119.9					
100.0	100.0	100.0	100.0	0.1	0.1	179.87	-119.9	0.3	119.9	119.6	0.22	533.311		
200.0	200.0	200.0	200.0	0.3	0.3	179.87	-119.9	0.3	119.9	119.2	0.67	177.770		
300.0	300.0	300.0	300.0	0.6	0.6	179.87	-119.9	0.3	119.9	118.7	1.12	106.662		
400.0	400.0	400.0	400.0	0.8	0.8	179.87	-119.9	0.3	119.9	118.3	1.57	76.187		
500.0	500.0	500.0	500.0	1.0	1.0	179.87	-119.9	0.3	119.9	117.8	2.02	59.257		
600.0	600.0	600.0	600.0	1.2	1.2	179.87	-119.9	0.3	119.9	117.4	2.47	48.483 CC, ES		
700.0	700.0	697.0	697.0	1.5	1.4	179.97	-121.1	0.1	121.1	118.2	2.89	41.937		
800.0	800.0	793.8	793.8	1.7	1.6	-179.73	-124.7	-0.6	124.9	121.6	3.29	37.963		
900.0	900.0	890.4	890.2	1.9	1.8	-179.28	-130.7	-1.6	131.1	127.4	3.71	35.387		
1,000.0	1,000.0	986.7	986.0	2.1	2.0	-178.71	-139.1	-3.1	139.9	135.7	4.14	33.783		
1,100.0	1,100.0	1,082.4	1,081.2	2.4	2.2	-178.08	-149.8	-5.0	151.1	146.5	4.60	32.869		
1,200.0	1,200.0	1,177.6	1,175.4	2.6	2.5	-177.43	-162.8	-7.3	164.8	159.7	5.08	32.448		
1,300.0	1,300.0	1,272.0	1,268.5	2.8	2.8	-176.79	-177.9	-10.0	181.0	175.4	5.59	32.381 SF		
1,400.0	1,400.0	1,365.6	1,360.5	3.0	3.1	-176.18	-195.2	-13.0	199.6	193.4	6.13	32.568		
1,500.0	1,500.0	1,458.3	1,451.1	3.3	3.5	-175.61	-214.4	-16.5	220.5	213.9	6.70	32.936		
1,600.0	1,600.0	1,550.0	1,540.2	3.5	3.9	-175.10	-235.6	-20.2	243.9	236.6	7.29	33.442		
1,700.0	1,700.0	1,644.5	1,631.6	3.7	4.3	-174.63	-259.2	-24.4	269.1	261.2	7.93	33.927		
1,800.0	1,800.0	1,741.2	1,725.1	3.9	4.8	-174.23	-283.4	-28.7	294.5	285.9	8.60	34.263		
1,900.0	1,900.0	1,837.9	1,818.6	4.2	5.2	-173.89	-307.7	-33.0	320.0	310.7	9.27	34.517		
2,000.0	2,000.0	1,934.6	1,912.2	4.4	5.7	-173.60	-332.0	-37.2	345.4	335.4	9.95	34.713		
2,100.0	2,100.0	2,031.3	2,005.7	4.6	6.2	-173.35	-356.2	-41.5	370.8	360.2	10.64	34.866		
2,200.0	2,200.0	2,128.0	2,099.2	4.8	6.7	-173.13	-380.5	-45.8	396.3	384.9	11.33	34.989		
2,300.0	2,300.0	2,224.7	2,192.7	5.1	7.2	-172.94	-404.7	-50.1	421.7	409.7	12.02	35.088		
2,400.0	2,400.0	2,321.4	2,286.2	5.3	7.7	-172.77	-429.0	-54.4	447.2	434.5	12.71	35.169		
2,500.0	2,500.0	2,418.2	2,379.9	5.5	8.2	-59.23	-453.3	-58.7	472.0	461.0	11.01	42.873		
2,600.0	2,599.9	2,515.4	2,473.8	5.7	8.7	-59.18	-477.7	-63.0	495.5	484.0	11.47	43.215		
2,700.0	2,699.7	2,612.8	2,568.0	5.9	9.2	-59.38	-502.1	-67.4	517.7	505.8	11.93	43.390		
2,800.0	2,799.3	2,710.4	2,662.4	6.1	9.7	-59.79	-526.6	-71.7	538.7	526.3	12.41	43.413		
2,813.1	2,812.3	2,723.1	2,674.7	6.1	9.8	-59.86	-529.8	-72.3	541.4	528.9	12.47	43.406		
2,900.0	2,898.7	2,808.0	2,756.8	6.3	10.2	-60.55	-551.1	-76.0	559.0	546.1	12.89	43.349		
3,000.0	2,998.1	2,905.7	2,851.2	6.5	10.7	-61.29	-575.6	-80.4	579.3	565.9	13.39	43.267		
3,100.0	3,097.5	3,003.3	2,945.6	6.7	11.3	-61.98	-600.1	-84.7	599.8	585.9	13.89	43.169		
3,200.0	3,196.9	3,101.0	3,040.0	7.0	11.8	-62.62	-624.6	-89.0	620.3	605.9	14.41	43.060		
3,300.0	3,296.4	3,198.6	3,134.4	7.2	12.3	-63.22	-649.1	-93.4	640.9	626.0	14.92	42.941		
3,400.0	3,395.8	3,296.2	3,228.9	7.5	12.8	-63.78	-673.6	-97.7	661.5	646.1	15.45	42.814		
3,495.6	3,490.8	3,389.6	3,319.1	7.7	13.3	-64.29	-697.0	-101.8	681.3	665.4	15.96	42.688		
3,500.0	3,495.2	3,393.9	3,323.3	7.7	13.3	-64.33	-698.1	-102.0	682.3	666.3	15.98	42.684		
3,600.0	3,594.8	3,491.4	3,417.6	7.9	13.8	-65.09	-722.6	-106.4	703.8	687.3	16.49	42.685		
3,700.0	3,694.6	3,588.7	3,511.7	8.1	14.4	-65.60	-747.0	-110.7	726.8	709.8	16.98	42.812		
3,805.4	3,800.0	3,690.9	3,610.5	8.3	14.9	-179.09	-772.6	-115.2	752.6	729.7	22.91	32.842		
3,900.0	3,894.6	3,782.4	3,699.0	8.5	15.4	-178.80	-795.6	-119.3	776.4	752.8	23.60	32.903		
4,000.0	3,994.6	3,879.1	3,792.5	8.7	15.9	-178.53	-819.8	-123.6	801.6	777.3	24.33	32.942		
4,100.0	4,094.6	3,975.8	3,886.0	9.0	16.4	-178.26	-844.1	-127.9	826.8	801.8	25.07	32.980		
4,200.0	4,194.6	4,072.5	3,979.5	9.2	16.9	-178.02	-868.4	-132.2	852.1	826.3	25.81	33.015		
4,300.0	4,294.6	4,169.2	4,073.0	9.4	17.4	-177.78	-892.6	-136.4	877.3	850.8	26.55	33.048		
4,400.0	4,394.6	4,265.9	4,166.5	9.6	18.0	-177.56	-916.9	-140.7	902.6	875.3	27.29	33.080		
4,500.0	4,494.6	4,362.6	4,260.0	9.8	18.5	-177.35	-941.2	-145.0	927.9	899.8	28.02	33.110		
4,600.0	4,594.6	4,459.3	4,353.5	10.0	19.0	-177.16	-965.4	-149.3	953.2	924.4	28.76	33.139		
4,700.0	4,694.6	4,556.0	4,447.0	10.3	19.5	-176.97	-989.7	-153.6	978.5	949.0	29.50	33.166		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
0.0	0.0	0.0	0.0	0.0	0.0	179.90	-159.9	0.3	159.9					
100.0	100.0	100.0	100.0	0.1	0.1	179.90	-159.9	0.3	159.9	159.7	0.22	711.547		
200.0	200.0	200.0	200.0	0.3	0.3	179.90	-159.9	0.3	159.9	159.3	0.67	237.182 CC, ES		
300.0	300.0	296.0	296.0	0.6	0.5	179.95	-161.1	0.1	161.2	160.1	1.09	147.625		
400.0	400.0	391.9	391.8	0.8	0.7	-179.89	-164.7	-0.3	164.9	163.4	1.51	109.157		
500.0	500.0	487.5	487.2	1.0	0.9	-179.64	-170.7	-1.1	171.1	169.2	1.95	87.667		
600.0	600.0	582.8	582.1	1.2	1.2	-179.32	-178.9	-2.1	179.8	177.4	2.42	74.425		
700.0	700.0	677.6	676.3	1.5	1.5	-178.95	-189.5	-3.5	191.0	188.1	2.90	65.754		
800.0	800.0	771.8	769.6	1.7	1.7	-178.55	-202.3	-5.1	204.6	201.2	3.42	59.843		
900.0	900.0	865.3	861.9	1.9	2.1	-178.15	-217.3	-7.0	220.7	216.7	3.96	55.708		
1,000.0	1,000.0	958.0	953.0	2.1	2.4	-177.76	-234.3	-9.2	239.1	234.6	4.53	52.772		
1,100.0	1,100.0	1,049.8	1,042.8	2.4	2.8	-177.38	-253.3	-11.6	260.0	254.8	5.13	50.679		
1,200.0	1,200.0	1,140.6	1,131.2	2.6	3.2	-177.03	-274.2	-14.2	283.1	277.4	5.76	49.193		
1,300.0	1,300.0	1,230.4	1,217.9	2.8	3.7	-176.70	-297.0	-17.1	308.6	302.2	6.41	48.157		
1,400.0	1,400.0	1,319.0	1,303.1	3.0	4.2	-176.40	-321.4	-20.2	336.3	329.2	7.09	47.461		
1,500.0	1,500.0	1,406.4	1,386.4	3.3	4.7	-176.12	-347.4	-23.5	366.2	358.4	7.79	47.032		
1,600.0	1,600.0	1,500.0	1,475.4	3.5	5.2	-175.86	-376.5	-27.2	397.5	389.0	8.55	46.509		
1,700.0	1,700.0	1,595.0	1,565.5	3.7	5.8	-175.63	-406.1	-31.0	428.9	419.6	9.32	46.011		
1,800.0	1,800.0	1,689.9	1,655.7	3.9	6.4	-175.44	-435.6	-34.8	460.2	450.1	10.10	45.574		
1,900.0	1,900.0	1,784.9	1,745.8	4.2	7.0	-175.27	-465.2	-38.5	491.6	480.7	10.88	45.187		
2,000.0	2,000.0	1,879.8	1,835.9	4.4	7.6	-175.12	-494.8	-42.3	523.0	511.3	11.66	44.844		
2,100.0	2,100.0	1,974.8	1,926.1	4.6	8.2	-174.98	-524.3	-46.0	554.3	541.9	12.45	44.538		
2,200.0	2,200.0	2,069.7	2,016.2	4.8	8.8	-174.86	-553.9	-49.8	585.7	572.5	13.23	44.265		
2,300.0	2,300.0	2,164.7	2,106.4	5.1	9.4	-174.76	-583.5	-53.5	617.1	603.1	14.02	44.018		
2,400.0	2,400.0	2,259.6	2,196.5	5.3	10.0	-174.66	-613.1	-57.3	648.5	633.7	14.81	43.796 SF		
2,500.0	2,500.0	2,354.7	2,286.9	5.5	10.6	-61.05	-642.7	-61.1	679.3	667.8	11.47	59.232		
2,600.0	2,599.9	2,450.2	2,377.5	5.7	11.2	-60.85	-672.4	-64.8	708.8	696.9	11.95	59.311		
2,700.0	2,699.7	2,546.0	2,468.5	5.9	11.8	-60.84	-702.3	-68.6	737.2	724.8	12.44	59.245		
2,800.0	2,799.3	2,642.0	2,559.6	6.1	12.4	-60.99	-732.1	-72.4	764.4	751.5	12.95	59.045		
2,813.1	2,812.3	2,654.6	2,571.5	6.1	12.5	-61.03	-736.1	-72.9	767.9	754.9	13.01	59.010		
2,900.0	2,898.7	2,738.1	2,650.8	6.3	13.0	-61.54	-762.1	-76.2	790.9	777.5	13.45	58.799		
3,000.0	2,998.1	2,834.2	2,742.1	6.5	13.6	-62.10	-792.0	-80.0	817.5	803.5	13.96	58.544		
3,100.0	3,097.5	2,930.3	2,833.3	6.7	14.2	-62.63	-821.9	-83.9	844.1	829.6	14.48	58.279		
3,200.0	3,196.9	3,026.4	2,924.6	7.0	14.8	-63.12	-851.9	-87.7	870.8	855.8	15.01	58.006		
3,300.0	3,296.4	3,122.5	3,015.8	7.2	15.4	-63.58	-881.8	-91.5	897.6	882.0	15.55	57.730		
3,400.0	3,395.8	3,218.7	3,107.1	7.5	16.1	-64.02	-911.7	-95.3	924.4	908.3	16.09	57.453		
3,495.6	3,490.8	3,310.5	3,194.3	7.7	16.6	-64.41	-940.3	-98.9	950.0	933.4	16.61	57.187		
3,500.0	3,495.2	3,314.8	3,198.3	7.7	16.7	-64.45	-941.7	-99.1	951.2	934.6	16.64	57.178		
3,600.0	3,594.8	3,410.7	3,289.5	7.9	17.3	-65.26	-971.6	-102.9	978.9	961.8	17.15	57.075		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation		
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	Toolface (°)	+N/-S (ft)	+E/-W (ft)	Centres (ft)	Ellipses (ft)	Separation (ft)	Factor		
0.0	0.0	0.0	0.0	0.0	0.0	179.80	-79.8	0.3	79.8					
100.0	100.0	100.0	100.0	0.1	0.1	179.80	-79.8	0.3	79.8	79.6	0.22	354.983		
200.0	200.0	200.0	200.0	0.3	0.3	179.80	-79.8	0.3	79.8	79.1	0.67	118.328		
300.0	300.0	300.0	300.0	0.6	0.6	179.80	-79.8	0.3	79.8	78.7	1.12	70.997		
400.0	400.0	400.0	400.0	0.8	0.8	179.80	-79.8	0.3	79.8	78.2	1.57	50.712		
500.0	500.0	500.0	500.0	1.0	1.0	179.80	-79.8	0.3	79.8	77.8	2.02	39.443		
600.0	600.0	600.0	600.0	1.2	1.2	179.80	-79.8	0.3	79.8	77.3	2.47	32.271		
700.0	700.0	700.0	700.0	1.5	1.5	179.80	-79.8	0.3	79.8	76.9	2.92	27.306		
800.0	800.0	800.0	800.0	1.7	1.7	179.80	-79.8	0.3	79.8	76.4	3.37	23.666		
900.0	900.0	900.0	900.0	1.9	1.9	179.80	-79.8	0.3	79.8	76.0	3.82	20.881		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	179.80	-79.8	0.3	79.8	75.5	4.27	18.683 CC, ES		
1,100.0	1,100.0	1,098.0	1,098.0	2.4	2.3	-179.95	-81.0	-0.1	81.0	76.3	4.69	17.283		
1,200.0	1,200.0	1,195.9	1,195.8	2.6	2.5	-179.23	-84.6	-1.1	84.7	79.6	5.09	16.660		
1,300.0	1,300.0	1,293.5	1,293.2	2.8	2.7	-178.17	-90.6	-2.9	90.9	85.4	5.49	16.549		
1,400.0	1,400.0	1,390.8	1,390.1	3.0	2.9	-176.91	-99.0	-5.3	99.6	93.7	5.92	16.836		
1,500.0	1,500.0	1,487.5	1,486.2	3.3	3.1	-175.58	-109.6	-8.5	110.8	104.4	6.36	17.431		
1,600.0	1,600.0	1,583.6	1,581.4	3.5	3.3	-174.29	-122.5	-12.2	124.5	117.7	6.82	18.260		
1,700.0	1,700.0	1,679.3	1,675.7	3.7	3.6	-173.09	-137.6	-16.7	140.7	133.4	7.30	19.263		
1,800.0	1,800.0	1,777.7	1,772.6	3.9	3.9	-172.05	-154.1	-21.5	158.0	150.2	7.82	20.197		
1,900.0	1,900.0	1,876.2	1,869.5	4.2	4.2	-171.21	-170.7	-26.4	175.4	167.0	8.36	20.987		
2,000.0	2,000.0	1,974.6	1,966.5	4.4	4.5	-170.53	-187.2	-31.2	192.7	183.8	8.90	21.657		
2,100.0	2,100.0	2,073.1	2,063.4	4.6	4.9	-169.96	-203.8	-36.1	210.1	200.7	9.45	22.231		
2,200.0	2,200.0	2,171.5	2,160.3	4.8	5.2	-169.47	-220.3	-40.9	227.6	217.6	10.01	22.726		
2,300.0	2,300.0	2,270.0	2,257.3	5.1	5.6	-169.06	-236.9	-45.8	245.0	234.4	10.58	23.158		
2,400.0	2,400.0	2,368.4	2,354.2	5.3	6.0	-168.70	-253.4	-50.7	262.4	251.3	11.15	23.536		
2,500.0	2,500.0	2,467.0	2,451.3	5.5	6.3	-55.20	-270.0	-55.5	279.2	268.4	10.74	25.990		
2,600.0	2,599.9	2,565.8	2,548.6	5.7	6.7	-55.35	-286.6	-60.4	294.4	283.2	11.17	26.363		
2,700.0	2,699.7	2,664.8	2,646.0	5.9	7.1	-55.89	-303.2	-65.3	308.2	296.6	11.60	26.563		
2,800.0	2,799.3	2,763.9	2,743.5	6.1	7.4	-56.78	-319.9	-70.1	320.6	308.6	12.05	26.610		
2,813.1	2,812.3	2,776.8	2,756.3	6.1	7.5	-56.92	-322.0	-70.8	322.2	310.0	12.11	26.606		
2,900.0	2,898.7	2,862.9	2,841.1	6.3	7.8	-57.96	-336.5	-75.0	332.3	319.8	12.51	26.561		
3,000.0	2,998.1	2,962.0	2,938.6	6.5	8.2	-59.09	-353.2	-79.9	344.1	331.1	12.98	26.505		
3,100.0	3,097.5	3,061.1	3,036.2	6.7	8.6	-60.14	-369.8	-84.8	356.0	342.5	13.46	26.442		
3,200.0	3,196.9	3,160.2	3,133.7	7.0	9.0	-61.12	-386.5	-89.7	368.0	354.0	13.95	26.376		
3,300.0	3,296.4	3,259.3	3,231.3	7.2	9.4	-62.04	-403.1	-94.6	380.1	365.7	14.45	26.305		
3,400.0	3,395.8	3,358.4	3,328.8	7.5	9.7	-62.91	-419.8	-99.5	392.3	377.4	14.96	26.232		
3,495.6	3,490.8	3,453.1	3,422.1	7.7	10.1	-63.68	-435.7	-104.1	404.1	388.6	15.45	26.161		
3,500.0	3,495.2	3,457.4	3,426.4	7.7	10.1	-63.73	-436.4	-104.3	404.6	389.2	15.47	26.158		
3,600.0	3,594.8	3,556.5	3,523.9	7.9	10.5	-64.50	-453.1	-109.2	417.8	401.9	15.96	26.186		
3,700.0	3,694.6	3,655.4	3,621.3	8.1	10.9	-64.84	-469.7	-114.1	432.5	416.1	16.42	26.335		
3,805.4	3,800.0	3,759.4	3,723.6	8.3	11.3	-177.98	-487.2	-119.2	449.6	430.3	19.31	23.284		
3,900.0	3,894.6	3,852.5	3,815.3	8.5	11.7	-177.47	-502.8	-123.8	465.7	445.8	19.87	23.429		
4,000.0	3,994.6	3,951.0	3,912.3	8.7	12.1	-176.98	-519.4	-128.7	482.7	462.2	20.49	23.557		
4,100.0	4,094.6	4,049.4	4,009.2	9.0	12.5	-176.52	-535.9	-133.5	499.8	478.7	21.11	23.679		
4,200.0	4,194.6	4,147.9	4,106.1	9.2	12.9	-176.08	-552.4	-138.4	516.9	495.1	21.72	23.794		
4,300.0	4,294.6	4,246.3	4,203.1	9.4	13.3	-175.68	-569.0	-143.2	534.0	511.7	22.34	23.904		
4,400.0	4,394.6	4,344.8	4,300.0	9.6	13.7	-175.30	-585.5	-148.1	551.1	528.2	22.96	24.009		
4,500.0	4,494.6	4,443.2	4,396.9	9.8	14.0	-174.94	-602.1	-152.9	568.3	544.7	23.57	24.108		
4,600.0	4,594.6	4,541.7	4,493.9	10.0	14.4	-174.61	-618.6	-157.8	585.5	561.3	24.19	24.203		
4,700.0	4,694.6	4,640.1	4,590.8	10.3	14.8	-174.29	-635.2	-162.6	602.7	577.9	24.81	24.294		
4,800.0	4,794.6	4,738.6	4,687.7	10.5	15.2	-173.99	-651.7	-167.5	620.0	594.5	25.43	24.381		
4,900.0	4,894.6	4,837.1	4,784.7	10.7	15.6	-173.71	-668.3	-172.4	637.2	611.2	26.05	24.464		

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,994.6	4,935.5	4,881.6	10.9	16.0	-173.44	-684.8	-177.2	654.5	627.8	26.67	24.544		
5,100.0	5,094.6	5,034.0	4,978.5	11.1	16.4	-173.19	-701.4	-182.1	671.7	644.5	27.28	24.620		
5,200.0	5,194.6	5,132.4	5,075.5	11.4	16.8	-172.95	-717.9	-186.9	689.0	661.1	27.90	24.693		
5,300.0	5,294.6	5,255.1	5,196.5	11.6	17.2	-172.69	-736.9	-192.5	705.0	676.5	28.51	24.726		
5,400.0	5,394.6	5,386.6	5,327.1	11.8	17.5	-172.49	-751.8	-196.9	716.7	687.6	29.05	24.672		
5,500.0	5,494.6	5,519.4	5,459.5	12.0	17.8	-172.37	-761.0	-199.6	723.8	694.3	29.53	24.515		
5,600.0	5,594.6	5,652.7	5,592.8	12.2	18.0	-172.33	-764.3	-200.5	726.4	696.4	29.95	24.251		
5,700.0	5,694.6	5,754.5	5,694.6	12.4	18.1	-172.33	-764.3	-200.5	726.4	696.1	30.31	23.968		
5,800.0	5,794.6	5,854.5	5,794.6	12.7	18.2	-172.33	-764.3	-200.5	726.4	695.7	30.65	23.697		
5,900.0	5,894.6	5,954.5	5,894.6	12.9	18.3	-172.33	-764.3	-200.5	726.4	695.4	31.00	23.431		
6,000.0	5,994.6	6,054.5	5,994.6	13.1	18.5	-172.33	-764.3	-200.5	726.4	695.0	31.35	23.170		
6,100.0	6,094.6	6,154.5	6,094.6	13.3	18.6	-172.33	-764.3	-200.5	726.4	694.7	31.70	22.913		
6,189.2	6,183.8	6,243.7	6,183.8	13.5	18.7	-172.33	-764.3	-200.5	726.4	694.4	32.02	22.687		
6,200.0	6,194.6	6,254.5	6,194.6	13.5	18.7	98.36	-764.3	-200.5	726.4	698.9	27.54	26.373		
6,250.0	6,244.5	6,304.4	6,244.5	13.6	18.8	98.52	-764.3	-200.5	726.8	699.1	27.70	26.234		
6,300.0	6,294.2	6,354.1	6,294.2	13.7	18.9	98.91	-764.3	-200.5	727.7	699.8	27.85	26.130		
6,350.0	6,343.3	6,403.2	6,343.3	13.8	18.9	99.51	-764.3	-200.5	729.2	701.2	27.98	26.064		
6,400.0	6,391.6	6,451.5	6,391.6	13.9	19.0	100.29	-764.3	-200.5	731.5	703.4	28.09	26.039		
6,450.0	6,438.9	6,498.8	6,438.9	14.0	19.1	101.21	-764.3	-200.5	734.7	706.5	28.19	26.059		
6,500.0	6,484.9	6,544.8	6,484.9	14.1	19.1	102.25	-764.3	-200.5	739.0	710.7	28.28	26.129		
6,550.0	6,529.5	6,599.0	6,539.1	14.2	19.2	103.62	-764.3	-199.7	744.4	716.0	28.36	26.246		
6,600.0	6,572.4	6,662.2	6,601.9	14.3	19.3	105.20	-764.2	-193.8	750.3	721.8	28.43	26.389		
6,650.0	6,613.5	6,728.7	6,667.3	14.5	19.3	106.74	-764.1	-181.6	756.4	728.0	28.50	26.545		
6,700.0	6,652.4	6,798.8	6,734.7	14.7	19.4	108.23	-763.8	-162.3	762.7	734.2	28.57	26.700		
6,750.0	6,689.0	6,872.8	6,803.3	14.9	19.4	109.66	-763.5	-134.9	769.0	740.3	28.66	26.830		
6,800.0	6,723.2	6,950.7	6,872.2	15.2	19.4	110.99	-763.1	-98.5	774.9	746.1	28.80	26.906		
6,850.0	6,754.8	7,032.5	6,939.8	15.6	19.5	112.19	-762.6	-52.5	780.4	751.4	29.04	26.874		
6,900.0	6,783.5	7,118.1	7,004.5	16.1	19.5	113.24	-761.9	3.5	785.2	755.8	29.43	26.681		
6,950.0	6,809.4	7,207.0	7,064.0	16.6	19.6	114.08	-761.1	69.5	789.1	759.1	30.03	26.275		
7,000.0	6,832.2	7,298.7	7,116.4	17.2	19.7	114.69	-760.2	144.7	791.9	760.9	30.95	25.587		
7,050.0	6,851.8	7,392.2	7,159.5	17.9	19.9	115.04	-759.3	227.6	793.5	761.3	32.24	24.613		
7,100.0	6,868.2	7,486.6	7,191.7	18.7	20.5	115.10	-758.2	316.2	793.8	759.9	33.92	23.401		
7,150.0	6,881.3	7,580.6	7,211.9	19.5	21.6	114.88	-757.2	407.9	792.8	756.8	35.98	22.035		
7,200.0	6,890.9	7,673.2	7,219.8	20.4	23.0	114.39	-756.1	500.2	790.6	752.2	38.35	20.616		
7,250.0	6,897.1	7,729.9	7,220.0	21.4	24.1	114.10	-755.4	556.9	788.0	747.9	40.19	19.609		
7,300.0	6,899.9	7,779.9	7,220.0	22.4	25.0	114.00	-754.8	606.8	786.9	745.0	41.93	18.769		
7,313.8	6,900.0	7,793.7	7,220.0	22.6	25.3	114.00	-754.7	620.6	786.9	744.5	42.41	18.556		
7,314.2	6,900.0	7,794.1	7,220.0	22.6	25.3	114.00	-754.7	621.0	786.9	744.5	42.42	18.550		
7,400.0	6,900.0	7,879.9	7,220.0	24.5	27.1	114.00	-753.7	706.8	786.9	741.1	45.81	17.177		
7,500.0	6,900.0	7,979.9	7,220.0	26.7	29.3	113.99	-752.5	806.8	786.9	737.0	49.96	15.750		
7,600.0	6,900.0	8,079.9	7,220.0	29.0	31.6	113.99	-751.3	906.8	786.9	732.7	54.29	14.496		
7,700.0	6,900.0	8,179.9	7,220.0	31.4	33.9	113.99	-750.1	1,006.7	787.0	728.2	58.75	13.395		
7,800.0	6,900.0	8,279.9	7,220.0	33.9	36.4	113.99	-749.0	1,106.7	787.0	723.7	63.32	12.429		
7,900.0	6,900.0	8,379.9	7,220.0	36.4	38.9	113.99	-747.8	1,206.7	787.0	719.0	67.97	11.578		
8,000.0	6,900.0	8,479.9	7,220.0	39.0	41.4	113.99	-746.6	1,306.7	787.0	714.3	72.70	10.826		
8,100.0	6,900.0	8,579.9	7,220.0	41.6	43.9	113.99	-745.4	1,406.7	787.1	709.6	77.48	10.159		
8,200.0	6,900.0	8,679.9	7,220.0	44.2	46.5	113.99	-744.3	1,506.7	787.1	704.8	82.30	9.563		
8,300.0	6,900.0	8,779.9	7,220.0	46.8	49.1	113.99	-743.1	1,606.7	787.1	699.9	87.17	9.030		
8,400.0	6,900.0	8,879.9	7,220.0	49.5	51.8	113.99	-741.9	1,706.7	787.1	695.1	92.07	8.550		
8,500.0	6,900.0	8,979.9	7,220.0	52.1	54.4	113.99	-740.8	1,806.7	787.1	690.2	96.99	8.116		
8,600.0	6,900.0	9,079.9	7,220.0	54.8	57.1	113.99	-739.6	1,906.7	787.2	685.2	101.94	7.722		
8,700.0	6,900.0	9,179.9	7,220.0	57.5	59.8	113.99	-738.4	2,006.7	787.2	680.3	106.91	7.363		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (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		
8,800.0	6,900.0	9,279.9	7,220.0	60.2	62.4	113.98	-737.2	2,106.7	787.2	675.3	111.90	7.035		
8,900.0	6,900.0	9,379.9	7,220.0	62.9	65.1	113.98	-736.1	2,206.7	787.2	670.3	116.90	6.734		
9,000.0	6,900.0	9,479.9	7,220.0	65.7	67.9	113.98	-734.9	2,306.7	787.3	665.3	121.92	6.457		
9,100.0	6,900.0	9,579.9	7,220.0	68.4	70.6	113.98	-733.7	2,406.7	787.3	660.3	126.95	6.202		
9,200.0	6,900.0	9,679.9	7,220.0	71.1	73.3	113.98	-732.6	2,506.6	787.3	655.3	131.99	5.965		
9,300.0	6,900.0	9,779.9	7,220.0	73.9	76.0	113.98	-731.4	2,606.6	787.3	650.3	137.04	5.745		
9,400.0	6,900.0	9,879.9	7,220.0	76.6	78.7	113.98	-730.2	2,706.6	787.3	645.3	142.09	5.541		
9,500.0	6,900.0	9,979.9	7,220.0	79.4	81.5	113.98	-729.0	2,806.6	787.4	640.2	147.16	5.350		
9,600.0	6,900.0	10,079.9	7,220.0	82.1	84.2	113.98	-727.9	2,906.6	787.4	635.2	152.23	5.172		
9,700.0	6,900.0	10,179.9	7,220.0	84.9	87.0	113.98	-726.7	3,006.6	787.4	630.1	157.31	5.006		
9,800.0	6,900.0	10,279.9	7,220.0	87.6	89.7	113.98	-725.5	3,106.6	787.4	625.0	162.39	4.849		
9,900.0	6,900.0	10,379.9	7,220.0	90.4	92.5	113.98	-724.4	3,206.6	787.5	620.0	167.48	4.702		
10,000.0	6,900.0	10,479.9	7,220.0	93.2	95.2	113.98	-723.2	3,306.6	787.5	614.9	172.57	4.563		
10,100.0	6,900.0	10,579.9	7,220.0	95.9	98.0	113.98	-722.0	3,406.6	787.5	609.8	177.67	4.432		
10,200.0	6,900.0	10,679.9	7,220.0	98.7	100.7	113.97	-720.8	3,506.6	787.5	604.8	182.77	4.309		
10,300.0	6,900.0	10,779.9	7,220.0	101.5	103.5	113.97	-719.7	3,606.6	787.6	599.7	187.88	4.192		
10,400.0	6,900.0	10,879.9	7,220.0	104.2	106.3	113.97	-718.5	3,706.6	787.6	594.6	192.98	4.081		
10,500.0	6,900.0	10,979.9	7,220.0	107.0	109.0	113.97	-717.3	3,806.6	787.6	589.5	198.10	3.976		
10,600.0	6,900.0	11,079.9	7,220.0	109.8	111.8	113.97	-716.1	3,906.5	787.6	584.4	203.21	3.876		
10,700.0	6,900.0	11,179.9	7,220.0	112.6	114.6	113.97	-715.0	4,006.5	787.6	579.3	208.33	3.781		
10,800.0	6,900.0	11,279.9	7,220.0	115.3	117.3	113.97	-713.8	4,106.5	787.7	574.2	213.45	3.690		
10,900.0	6,900.0	11,379.9	7,220.0	118.1	120.1	113.97	-712.6	4,206.5	787.7	569.1	218.57	3.604		
11,000.0	6,900.0	11,479.9	7,220.0	120.9	122.9	113.97	-711.5	4,306.5	787.7	564.0	223.69	3.521		
11,100.0	6,900.0	11,579.9	7,220.0	123.7	125.7	113.97	-710.3	4,406.5	787.7	558.9	228.82	3.443		
11,200.0	6,900.0	11,679.9	7,220.0	126.5	128.5	113.97	-709.1	4,506.5	787.8	553.8	233.94	3.367		
11,250.1	6,900.0	11,730.0	7,220.0	127.4	129.8	113.97	-708.5	4,556.6	787.8	551.7	236.06	3.337		
11,289.0	6,900.0	11,762.8	7,220.0	128.1	130.8	113.97	-708.1	4,589.4	787.8	550.3	237.54	3.316 SF		



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-59.8	0.0	59.8						
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-59.8	0.0	59.8	59.5	0.22	265.835			
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-59.8	0.0	59.8	59.1	0.67	88.612			
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-59.8	0.0	59.8	58.6	1.12	53.167			
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-59.8	0.0	59.8	58.2	1.57	37.976			
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-59.8	0.0	59.8	57.7	2.02	29.537			
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-59.8	0.0	59.8	57.3	2.47	24.167			
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-59.8	0.0	59.8	56.8	2.92	20.449			
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-59.8	0.0	59.8	56.4	3.37	17.722			
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-59.8	0.0	59.8	55.9	3.82	15.637			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-59.8	0.0	59.8	55.5	4.27	13.991			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-59.8	0.0	59.8	55.0	4.72	12.659			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-59.8	0.0	59.8	54.6	5.17	11.558	CC, ES		
1,300.0	1,300.0	1,298.5	1,298.5	2.8	2.8	-179.61	-61.0	-0.4	61.0	55.4	5.59	10.911			
1,400.0	1,400.0	1,396.9	1,396.8	3.0	3.0	-178.53	-64.5	-1.7	64.6	58.7	5.98	10.802			
1,500.0	1,500.0	1,495.0	1,494.7	3.3	3.1	-176.99	-70.5	-3.7	70.8	64.4	6.39	11.081			
1,600.0	1,600.0	1,592.8	1,592.1	3.5	3.3	-175.24	-78.8	-6.6	79.5	72.7	6.81	11.674			
1,700.0	1,700.0	1,690.0	1,688.7	3.7	3.5	-173.48	-89.4	-10.2	90.7	83.5	7.24	12.522			
1,800.0	1,800.0	1,786.6	1,784.3	3.9	3.8	-171.86	-102.3	-14.6	104.5	96.8	7.70	13.568			
1,900.0	1,900.0	1,884.3	1,880.7	4.2	4.0	-170.43	-117.1	-19.7	120.3	112.1	8.18	14.705			
2,000.0	2,000.0	1,982.9	1,978.1	4.4	4.3	-169.31	-132.3	-25.0	136.4	127.7	8.68	15.708			
2,100.0	2,100.0	2,081.6	2,075.4	4.6	4.6	-168.43	-147.4	-30.2	152.5	143.3	9.19	16.583			
2,200.0	2,200.0	2,180.3	2,172.8	4.8	4.9	-167.72	-162.6	-35.4	168.6	158.9	9.72	17.351			
2,300.0	2,300.0	2,279.0	2,270.1	5.1	5.2	-167.13	-177.8	-40.6	184.8	174.5	10.25	18.027			
2,400.0	2,400.0	2,377.6	2,367.5	5.3	5.6	-166.64	-192.9	-45.8	200.9	190.1	10.79	18.625			
2,500.0	2,500.0	2,476.4	2,465.0	5.5	5.9	-53.11	-208.1	-51.1	216.3	205.6	10.69	20.239			
2,600.0	2,599.9	2,575.5	2,562.7	5.7	6.2	-53.35	-223.3	-56.3	230.2	219.1	11.11	20.728			
2,700.0	2,699.7	2,674.6	2,660.5	5.9	6.6	-54.06	-238.6	-61.5	242.5	231.0	11.53	21.034			
2,800.0	2,799.3	2,773.9	2,758.5	6.1	6.9	-55.18	-253.8	-66.8	253.4	241.5	11.97	21.177			
2,813.1	2,812.3	2,786.9	2,771.3	6.1	7.0	-55.36	-255.8	-67.5	254.8	242.7	12.03	21.185			
2,900.0	2,898.7	2,873.1	2,856.4	6.3	7.3	-56.62	-269.1	-72.0	263.6	251.1	12.42	21.219			
3,000.0	2,998.1	2,972.4	2,954.4	6.5	7.6	-57.97	-284.3	-77.3	273.8	260.9	12.89	21.251			
3,100.0	3,097.5	3,071.7	3,052.3	6.7	8.0	-59.22	-299.6	-82.5	284.2	270.9	13.36	21.274			
3,200.0	3,196.9	3,171.0	3,150.3	7.0	8.3	-60.38	-314.8	-87.8	294.7	280.9	13.84	21.291			
3,300.0	3,296.4	3,270.2	3,248.2	7.2	8.7	-61.46	-330.1	-93.0	305.4	291.0	14.34	21.302			
3,400.0	3,395.8	3,369.5	3,346.2	7.5	9.1	-62.47	-345.3	-98.3	316.1	301.3	14.84	21.306			
3,495.6	3,490.8	3,464.4	3,439.8	7.7	9.4	-63.38	-359.9	-103.3	326.5	311.2	15.32	21.306			
3,500.0	3,495.2	3,468.8	3,444.1	7.7	9.4	-63.42	-360.6	-103.5	327.0	311.6	15.35	21.307			
3,600.0	3,594.8	3,568.0	3,542.1	7.9	9.8	-64.23	-375.8	-108.8	338.7	322.9	15.83	21.397			
3,700.0	3,694.6	3,667.1	3,639.9	8.1	10.2	-64.50	-391.1	-114.0	351.9	335.7	16.29	21.603			
3,805.4	3,800.0	3,771.3	3,742.7	8.3	10.6	-177.48	-407.1	-119.5	367.5	349.0	18.52	19.842			
3,900.0	3,894.6	3,864.7	3,834.8	8.5	10.9	-176.83	-421.4	-124.5	382.3	363.3	19.07	20.048			
4,000.0	3,994.6	3,963.3	3,932.1	8.7	11.3	-176.19	-436.6	-129.7	398.0	378.3	19.66	20.239			
4,100.0	4,094.6	4,062.0	4,029.5	9.0	11.6	-175.60	-451.8	-134.9	413.7	393.5	20.26	20.421			
4,200.0	4,194.6	4,160.7	4,126.8	9.2	12.0	-175.06	-466.9	-140.1	429.5	408.6	20.86	20.593			
4,300.0	4,294.6	4,259.3	4,224.2	9.4	12.4	-174.55	-482.1	-145.4	445.3	423.8	21.45	20.757			
4,400.0	4,394.6	4,358.0	4,321.6	9.6	12.7	-174.08	-497.2	-150.6	461.1	439.1	22.05	20.912			
4,500.0	4,494.6	4,456.7	4,418.9	9.8	13.1	-173.64	-512.4	-155.8	477.0	454.3	22.65	21.061			
4,600.0	4,594.6	4,555.4	4,516.3	10.0	13.5	-173.22	-527.6	-161.0	492.8	469.6	23.24	21.203			
4,700.0	4,694.6	4,654.0	4,613.6	10.3	13.9	-172.84	-542.7	-166.2	508.7	484.9	23.84	21.338			
4,800.0	4,794.6	4,752.7	4,711.0	10.5	14.2	-172.47	-557.9	-171.4	524.7	500.2	24.44	21.467			
4,900.0	4,894.6	4,851.4	4,808.4	10.7	14.6	-172.13	-573.1	-176.7	540.6	515.6	25.04	21.591			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,994.6	4,950.0	4,905.7	10.9	15.0	-171.81	-588.2	-181.9	556.6	530.9	25.64	21.709		
5,100.0	5,094.6	5,048.7	5,003.1	11.1	15.4	-171.50	-603.4	-187.1	572.6	546.3	26.24	21.822		
5,200.0	5,194.6	5,164.7	5,117.7	11.4	15.7	-171.19	-620.0	-192.8	587.5	560.7	26.81	21.913		
5,300.0	5,294.6	5,289.5	5,241.8	11.6	16.0	-170.95	-633.2	-197.3	598.5	571.2	27.33	21.898		
5,400.0	5,394.6	5,415.4	5,367.3	11.8	16.2	-170.81	-641.2	-200.1	605.2	577.4	27.80	21.770		
5,500.0	5,494.6	5,541.7	5,493.6	12.0	16.4	-170.76	-644.0	-201.1	607.5	579.3	28.22	21.526		
5,600.0	5,594.6	5,642.7	5,594.6	12.2	16.6	-170.76	-644.1	-201.1	607.5	578.9	28.59	21.252		
5,700.0	5,694.6	5,742.7	5,694.6	12.4	16.7	-170.76	-644.1	-201.1	607.5	578.6	28.94	20.989		
5,800.0	5,794.6	5,842.7	5,794.6	12.7	16.9	-170.76	-644.1	-201.1	607.5	578.2	29.30	20.732		
5,900.0	5,894.6	5,942.7	5,894.6	12.9	17.0	-170.76	-644.1	-201.1	607.5	577.9	29.67	20.480		
6,000.0	5,994.6	6,042.7	5,994.6	13.1	17.1	-170.76	-644.1	-201.1	607.5	577.5	30.03	20.232		
6,100.0	6,094.6	6,142.7	6,094.6	13.3	17.3	-170.76	-644.1	-201.1	607.5	577.1	30.39	19.989		
6,189.2	6,183.8	6,231.9	6,183.8	13.5	17.4	-170.76	-644.1	-201.1	607.5	576.8	30.72	19.776		
6,200.0	6,194.6	6,244.6	6,196.5	13.5	17.4	99.92	-644.0	-201.0	607.5	580.3	27.27	22.276		
6,250.0	6,244.5	6,303.1	6,254.9	13.6	17.5	99.88	-644.0	-197.6	607.5	580.0	27.45	22.131		
6,300.0	6,294.2	6,361.5	6,312.7	13.7	17.6	99.78	-643.9	-189.4	607.3	579.7	27.61	21.998		
6,350.0	6,343.3	6,419.8	6,369.6	13.8	17.6	99.63	-643.8	-176.6	607.0	579.3	27.75	21.873		
6,400.0	6,391.6	6,477.9	6,425.0	13.9	17.7	99.42	-643.6	-159.3	606.7	578.8	27.89	21.751		
6,450.0	6,438.9	6,535.8	6,478.6	14.0	17.7	99.16	-643.3	-137.6	606.2	578.2	28.03	21.624		
6,500.0	6,484.9	6,593.3	6,530.0	14.1	17.7	98.85	-643.0	-111.9	605.7	577.5	28.19	21.484		
6,550.0	6,529.5	6,650.4	6,578.9	14.2	17.7	98.49	-642.7	-82.3	605.1	576.8	28.39	21.318		
6,600.0	6,572.4	6,707.2	6,624.9	14.3	17.7	98.09	-642.3	-49.1	604.5	575.9	28.64	21.109		
6,650.0	6,613.5	6,763.5	6,667.9	14.5	17.8	97.64	-641.8	-12.7	603.9	574.9	28.97	20.847		
6,700.0	6,652.4	6,819.3	6,707.5	14.7	17.8	97.15	-641.4	26.5	603.2	573.8	29.40	20.518		
6,750.0	6,689.0	6,874.6	6,743.6	14.9	17.8	96.62	-640.9	68.4	602.6	572.6	29.94	20.123		
6,800.0	6,723.2	6,929.4	6,776.1	15.2	17.9	96.07	-640.4	112.5	601.9	571.3	30.65	19.641		
6,850.0	6,754.8	6,983.6	6,804.9	15.6	18.0	95.48	-639.8	158.4	601.3	569.8	31.50	19.088		
6,900.0	6,783.5	7,037.3	6,829.8	16.1	18.2	94.87	-639.3	205.9	600.7	568.2	32.53	18.469		
6,950.0	6,809.4	7,090.4	6,851.0	16.6	18.5	94.23	-638.7	254.6	600.2	566.5	33.72	17.799		
7,000.0	6,832.2	7,142.9	6,868.3	17.2	19.0	93.58	-638.1	304.3	599.8	564.7	35.08	17.095		
7,050.0	6,851.8	7,194.9	6,881.8	17.9	19.6	92.91	-637.5	354.4	599.4	562.8	36.61	16.374		
7,100.0	6,868.2	7,246.4	6,891.5	18.7	20.4	92.23	-636.9	404.9	599.1	560.8	38.27	15.654		
7,150.0	6,881.3	7,297.3	6,897.5	19.5	21.3	91.55	-636.4	455.5	598.8	558.8	40.06	14.950		
7,200.0	6,890.9	7,347.6	6,899.9	20.4	22.2	90.86	-635.8	505.7	598.7	556.7	41.94	14.274		
7,250.0	6,897.1	7,397.3	6,900.0	21.4	23.2	90.28	-635.2	555.5	598.6	554.7	43.91	13.633		
7,260.8	6,898.0	7,408.1	6,900.0	21.6	23.4	90.19	-635.1	566.2	598.6	554.3	44.35	13.497		
7,300.0	6,899.9	7,447.2	6,900.0	22.4	24.2	90.01	-634.6	605.4	598.6	552.7	45.97	13.022		
7,314.2	6,900.0	7,461.4	6,900.0	22.6	24.5	90.00	-634.4	619.6	598.6	552.1	46.56	12.857		
7,400.0	6,900.0	7,547.2	6,900.0	24.5	26.3	90.00	-633.4	705.4	598.7	548.4	50.26	11.912		
7,500.0	6,900.0	7,647.2	6,900.0	26.7	28.6	90.00	-632.3	805.4	598.7	543.9	54.78	10.929		
7,600.0	6,900.0	7,747.2	6,900.0	29.0	31.0	90.00	-631.1	905.3	598.7	539.2	59.49	10.064		
7,700.0	6,900.0	7,847.2	6,900.0	31.4	33.4	90.00	-629.9	1,005.3	598.7	534.4	64.35	9.305		
7,800.0	6,900.0	7,947.2	6,900.0	33.9	35.8	90.00	-628.7	1,105.3	598.8	529.4	69.32	8.638		
7,900.0	6,900.0	8,047.2	6,900.0	36.4	38.4	90.00	-627.6	1,205.3	598.8	524.4	74.38	8.050		
8,000.0	6,900.0	8,147.2	6,900.0	39.0	40.9	90.00	-626.4	1,305.3	598.8	519.3	79.51	7.531		
8,100.0	6,900.0	8,247.2	6,900.0	41.6	43.5	90.00	-625.2	1,405.3	598.8	514.1	84.71	7.069		
8,200.0	6,900.0	8,347.2	6,900.0	44.2	46.1	90.00	-624.1	1,505.3	598.9	508.9	89.96	6.657		
8,300.0	6,900.0	8,447.2	6,900.0	46.8	48.8	90.00	-622.9	1,605.3	598.9	503.6	95.24	6.288		
8,400.0	6,900.0	8,547.2	6,900.0	49.5	51.4	90.00	-621.7	1,705.3	598.9	498.3	100.57	5.955		
8,500.0	6,900.0	8,647.2	6,900.0	52.1	54.1	90.00	-620.5	1,805.3	598.9	493.0	105.92	5.655		
8,600.0	6,900.0	8,747.2	6,900.0	54.8	56.8	90.00	-619.4	1,905.3	599.0	487.7	111.29	5.382		
8,700.0	6,900.0	8,847.2	6,900.0	57.5	59.4	90.00	-618.2	2,005.3	599.0	482.3	116.69	5.133		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,800.0	6,900.0	8,947.2	6,900.0	60.2	62.1	90.00	-617.0	2,105.3	599.0	476.9	122.11	4.905		
8,900.0	6,900.0	9,047.2	6,900.0	62.9	64.9	90.00	-615.9	2,205.3	599.0	471.5	127.55	4.697		
9,000.0	6,900.0	9,147.2	6,900.0	65.7	67.6	90.00	-614.7	2,305.2	599.1	466.1	133.00	4.504		
9,100.0	6,900.0	9,247.2	6,900.0	68.4	70.3	90.00	-613.5	2,405.2	599.1	460.6	138.46	4.327		
9,200.0	6,900.0	9,347.2	6,900.0	71.1	73.0	90.00	-612.3	2,505.2	599.1	455.2	143.93	4.162		
9,300.0	6,900.0	9,447.2	6,900.0	73.9	75.8	90.00	-611.2	2,605.2	599.1	449.7	149.42	4.010		
9,400.0	6,900.0	9,547.2	6,900.0	76.6	78.5	90.00	-610.0	2,705.2	599.2	444.3	154.91	3.868		
9,500.0	6,900.0	9,647.2	6,900.0	79.4	81.3	90.00	-608.8	2,805.2	599.2	438.8	160.41	3.735		
9,600.0	6,900.0	9,747.2	6,900.0	82.1	84.0	90.00	-607.7	2,905.2	599.2	433.3	165.92	3.612		
9,700.0	6,900.0	9,847.2	6,900.0	84.9	86.8	90.00	-606.5	3,005.2	599.2	427.8	171.43	3.495		
9,800.0	6,900.0	9,947.2	6,900.0	87.6	89.5	90.00	-605.3	3,105.2	599.3	422.3	176.95	3.387		
9,900.0	6,900.0	10,047.2	6,900.0	90.4	92.3	90.00	-604.1	3,205.2	599.3	416.8	182.48	3.284		
10,000.0	6,900.0	10,147.2	6,900.0	93.2	95.0	90.00	-603.0	3,305.2	599.3	411.3	188.01	3.188		
10,100.0	6,900.0	10,247.2	6,900.0	95.9	97.8	90.00	-601.8	3,405.2	599.3	405.8	193.55	3.097		
10,200.0	6,900.0	10,347.2	6,900.0	98.7	100.6	90.00	-600.6	3,505.2	599.4	400.3	199.09	3.011		
10,300.0	6,900.0	10,447.2	6,900.0	101.5	103.3	90.00	-599.5	3,605.2	599.4	394.8	204.63	2.929		
10,400.0	6,900.0	10,547.2	6,900.0	104.2	106.1	90.00	-598.3	3,705.2	599.4	389.2	210.18	2.852		
10,500.0	6,900.0	10,647.2	6,900.0	107.0	108.9	90.00	-597.1	3,805.1	599.4	383.7	215.73	2.779		
10,600.0	6,900.0	10,747.2	6,900.0	109.8	111.6	90.00	-595.9	3,905.1	599.5	378.2	221.28	2.709		
10,700.0	6,900.0	10,847.2	6,900.0	112.6	114.4	90.00	-594.8	4,005.1	599.5	372.6	226.84	2.643		
10,800.0	6,900.0	10,947.2	6,900.0	115.3	117.2	90.00	-593.6	4,105.1	599.5	367.1	232.40	2.580		
10,900.0	6,900.0	11,047.2	6,900.0	118.1	120.0	90.00	-592.4	4,205.1	599.5	361.6	237.96	2.520		
11,000.0	6,900.0	11,147.2	6,900.0	120.9	122.8	90.00	-591.2	4,305.1	599.6	356.0	243.52	2.462		
11,100.0	6,900.0	11,247.2	6,900.0	123.7	125.5	90.00	-590.1	4,405.1	599.6	350.5	249.09	2.407		
11,200.0	6,900.0	11,347.2	6,900.0	126.5	128.3	90.00	-588.9	4,505.1	599.6	345.0	254.65	2.355		
11,250.5	6,900.0	11,397.7	6,900.0	127.4	129.7	90.00	-588.3	4,555.6	599.6	342.7	256.97	2.333		
11,289.0	6,900.0	11,431.0	6,900.0	128.1	130.3	90.00	-587.9	4,588.8	599.7	341.4	258.29	2.322 SF		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-99.8	0.0	99.8					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-99.8	0.0	99.8	99.6	0.22	444.090		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-99.8	0.0	99.8	99.1	0.67	148.030		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-99.8	0.0	99.8	98.7	1.12	88.818		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-99.8	0.0	99.8	98.2	1.57	63.441		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-99.8	0.0	99.8	97.8	2.02	49.343		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-99.8	0.0	99.8	97.3	2.47	40.372		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-99.8	0.0	99.8	96.9	2.92	34.161		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-99.8	0.0	99.8	96.4	3.37	29.606 CC, ES		
900.0	900.0	897.5	897.5	1.9	1.9	-179.84	-101.0	-0.3	101.1	97.3	3.79	26.680		
1,000.0	1,000.0	994.9	994.8	2.1	2.1	-179.38	-104.7	-1.1	104.8	100.6	4.19	25.031		
1,100.0	1,100.0	1,092.0	1,091.7	2.4	2.2	-178.67	-110.7	-2.6	111.0	106.4	4.60	24.148		
1,200.0	1,200.0	1,188.7	1,188.1	2.6	2.4	-177.82	-119.1	-4.5	119.7	114.7	5.02	23.830		
1,300.0	1,300.0	1,285.0	1,283.7	2.8	2.7	-176.88	-129.7	-7.1	131.0	125.5	5.47	23.932		
1,400.0	1,400.0	1,380.6	1,378.4	3.0	2.9	-175.94	-142.7	-10.1	144.7	138.7	5.94	24.342		
1,500.0	1,500.0	1,475.5	1,472.0	3.3	3.2	-175.04	-157.8	-13.7	160.8	154.4	6.44	24.974		
1,600.0	1,600.0	1,569.6	1,564.4	3.5	3.5	-174.21	-175.0	-17.7	179.5	172.5	6.96	25.772		
1,700.0	1,700.0	1,667.1	1,659.9	3.7	3.8	-173.46	-194.2	-22.3	199.5	192.0	7.53	26.507		
1,800.0	1,800.0	1,765.1	1,755.8	3.9	4.2	-172.84	-213.5	-26.8	219.6	211.5	8.11	27.094		
1,900.0	1,900.0	1,863.0	1,851.7	4.2	4.6	-172.32	-232.7	-31.4	239.8	231.1	8.70	27.569		
2,000.0	2,000.0	1,960.9	1,947.7	4.4	5.0	-171.89	-252.0	-35.9	259.9	250.6	9.29	27.961		
2,100.0	2,100.0	2,058.9	2,043.6	4.6	5.4	-171.52	-271.3	-40.5	280.0	270.1	9.90	28.287		
2,200.0	2,200.0	2,156.8	2,139.5	4.8	5.8	-171.19	-290.6	-45.0	300.2	289.7	10.51	28.562		
2,300.0	2,300.0	2,254.7	2,235.4	5.1	6.2	-170.91	-309.8	-49.6	320.4	309.2	11.12	28.797		
2,400.0	2,400.0	2,352.7	2,331.3	5.3	6.6	-170.66	-329.1	-54.1	340.5	328.8	11.74	29.000		
2,500.0	2,500.0	2,450.8	2,427.4	5.5	7.0	-57.17	-348.4	-58.7	360.0	349.2	10.84	33.210		
2,600.0	2,599.9	2,549.1	2,523.7	5.7	7.4	-57.24	-367.8	-63.2	378.1	366.8	11.28	33.522		
2,700.0	2,699.7	2,647.6	2,620.1	5.9	7.9	-57.62	-387.1	-67.8	394.8	383.1	11.73	33.668		
2,800.0	2,799.3	2,746.2	2,716.7	6.1	8.3	-58.29	-406.6	-72.4	410.2	398.1	12.19	33.665		
2,813.1	2,812.3	2,759.1	2,729.3	6.1	8.3	-58.40	-409.1	-73.0	412.2	399.9	12.25	33.655		
2,900.0	2,898.7	2,844.9	2,813.3	6.3	8.7	-59.25	-426.0	-77.0	424.9	412.2	12.66	33.572		
3,000.0	2,998.1	2,943.5	2,910.0	6.5	9.1	-60.18	-445.4	-81.6	439.7	426.5	13.14	33.468		
3,100.0	3,097.5	3,042.2	3,006.6	6.7	9.6	-61.05	-464.8	-86.1	454.6	440.9	13.63	33.358		
3,200.0	3,196.9	3,140.8	3,103.2	7.0	10.0	-61.86	-484.2	-90.7	469.5	455.4	14.12	33.242		
3,300.0	3,296.4	3,239.5	3,199.8	7.2	10.4	-62.62	-503.6	-95.3	484.6	470.0	14.63	33.122		
3,400.0	3,395.8	3,338.2	3,296.4	7.5	10.9	-63.33	-523.0	-99.9	499.7	484.6	15.14	32.999		
3,495.6	3,490.8	3,432.5	3,388.8	7.7	11.3	-63.98	-541.6	-104.3	514.3	498.6	15.64	32.880		
3,500.0	3,495.2	3,436.8	3,393.1	7.7	11.3	-64.02	-542.5	-104.5	514.9	499.3	15.66	32.876		
3,600.0	3,594.8	3,535.4	3,489.6	7.9	11.7	-64.76	-561.9	-109.1	531.0	514.9	16.16	32.868		
3,700.0	3,694.6	3,633.9	3,586.0	8.1	12.2	-65.17	-581.2	-113.6	548.6	532.0	16.63	32.986		
3,805.4	3,800.0	3,737.3	3,687.3	8.3	12.6	-178.48	-601.6	-118.4	568.7	548.0	20.63	27.561		
3,900.0	3,894.6	3,830.0	3,778.1	8.5	13.0	-178.10	-619.8	-122.7	587.4	566.2	21.24	27.658		
4,000.0	3,994.6	3,927.9	3,874.0	8.7	13.5	-177.72	-639.1	-127.3	607.3	585.4	21.90	27.735		
4,100.0	4,094.6	4,025.8	3,969.9	9.0	13.9	-177.37	-658.4	-131.8	627.1	604.6	22.55	27.808		
4,200.0	4,194.6	4,123.8	4,065.8	9.2	14.3	-177.04	-677.6	-136.4	647.0	623.8	23.21	27.877		
4,300.0	4,294.6	4,221.7	4,161.7	9.4	14.8	-176.73	-696.9	-140.9	667.0	643.1	23.87	27.942		
4,400.0	4,394.6	4,319.6	4,257.6	9.6	15.2	-176.43	-716.2	-145.5	686.9	662.4	24.53	28.005		
4,500.0	4,494.6	4,417.6	4,353.5	9.8	15.6	-176.16	-735.5	-150.0	706.8	681.7	25.19	28.065		
4,600.0	4,594.6	4,515.5	4,449.5	10.0	16.1	-175.90	-754.7	-154.6	726.8	701.0	25.84	28.122		
4,700.0	4,694.6	4,613.4	4,545.4	10.3	16.5	-175.65	-774.0	-159.1	746.8	720.3	26.50	28.176		
4,800.0	4,794.6	4,711.4	4,641.3	10.5	17.0	-175.41	-793.3	-163.7	766.8	739.6	27.16	28.228		
4,900.0	4,894.6	4,809.3	4,737.2	10.7	17.4	-175.19	-812.6	-168.2	786.8	759.0	27.82	28.278		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,994.6	4,907.2	4,833.1	10.9	17.8	-174.98	-831.8	-172.8	806.8	778.3	28.48	28.325		
5,100.0	5,094.6	5,005.2	4,929.0	11.1	18.3	-174.78	-851.1	-177.3	826.8	797.7	29.14	28.371		
5,200.0	5,194.6	5,103.1	5,024.9	11.4	18.7	-174.59	-870.4	-181.9	846.8	817.0	29.80	28.414		
5,300.0	5,294.6	5,201.1	5,120.9	11.6	19.1	-174.40	-889.7	-186.4	866.9	836.4	30.46	28.456		
5,400.0	5,394.6	5,342.3	5,259.8	11.8	19.6	-174.18	-914.1	-192.2	884.5	853.4	31.16	28.389		
5,500.0	5,494.6	5,485.7	5,402.0	12.0	20.0	-174.03	-932.1	-196.4	897.3	865.6	31.73	28.281		
5,600.0	5,594.6	5,630.6	5,546.5	12.2	20.2	-173.94	-943.2	-199.1	905.1	872.9	32.22	28.089		
5,700.0	5,694.6	5,776.4	5,692.1	12.4	20.4	-173.91	-947.2	-200.0	907.9	875.3	32.66	27.801		
5,800.0	5,794.6	5,878.8	5,794.6	12.7	20.5	-173.91	-947.2	-200.0	907.9	875.0	33.00	27.517		
5,900.0	5,894.6	5,978.8	5,894.6	12.9	20.7	-173.91	-947.2	-200.0	907.9	874.6	33.33	27.244		
6,000.0	5,994.6	6,078.8	5,994.6	13.1	20.8	-173.91	-947.2	-200.0	907.9	874.3	33.66	26.975		
6,100.0	6,094.6	6,178.8	6,094.6	13.3	20.9	-173.91	-947.2	-200.0	907.9	874.0	33.99	26.709		
6,189.2	6,183.8	6,268.0	6,183.8	13.5	21.0	-173.91	-947.2	-200.0	907.9	873.7	34.29	26.476		
6,200.0	6,194.6	6,280.7	6,196.5	13.5	21.0	96.78	-947.2	-199.9	907.9	879.9	28.02	32.409		
6,250.0	6,244.5	6,339.5	6,255.1	13.6	21.1	96.75	-947.2	-196.4	907.9	879.7	28.19	32.211		
6,300.0	6,294.2	6,398.2	6,313.2	13.7	21.1	96.68	-947.1	-188.2	907.8	879.4	28.34	32.030		
6,350.0	6,343.3	6,456.7	6,370.3	13.8	21.1	96.58	-946.9	-175.3	907.6	879.1	28.48	31.864		
6,400.0	6,391.6	6,515.0	6,425.9	13.9	21.2	96.43	-946.7	-157.8	907.3	878.7	28.62	31.704		
6,450.0	6,438.9	6,573.1	6,479.7	14.0	21.2	96.25	-946.5	-136.0	907.0	878.3	28.76	31.540		
6,500.0	6,484.9	6,630.8	6,531.2	14.1	21.2	96.04	-946.2	-110.1	906.7	877.8	28.91	31.357		
6,550.0	6,529.5	6,688.1	6,580.2	14.2	21.2	95.79	-945.8	-80.3	906.3	877.2	29.10	31.141		
6,600.0	6,572.4	6,745.0	6,626.3	14.3	21.2	95.51	-945.4	-47.0	905.9	876.5	29.34	30.873		
6,650.0	6,613.5	6,801.5	6,669.3	14.5	21.3	95.20	-945.0	-10.4	905.4	875.8	29.66	30.531		
6,700.0	6,652.4	6,857.4	6,708.9	14.7	21.3	94.87	-944.5	29.1	905.0	874.9	30.07	30.091		
6,750.0	6,689.0	6,912.8	6,745.0	14.9	21.3	94.51	-944.0	71.2	904.5	873.9	30.60	29.554		
6,800.0	6,723.2	6,967.7	6,777.4	15.2	21.4	94.12	-943.5	115.4	904.0	872.8	31.28	28.901		
6,850.0	6,754.8	7,022.0	6,806.0	15.6	21.5	93.72	-943.0	161.6	903.6	871.5	32.11	28.140		
6,900.0	6,783.5	7,075.8	6,830.9	16.1	21.6	93.30	-942.4	209.2	903.2	870.1	33.11	27.281		
6,950.0	6,809.4	7,128.9	6,851.9	16.6	21.7	92.87	-941.8	258.0	902.9	868.6	34.27	26.343		
7,000.0	6,832.2	7,181.5	6,869.0	17.2	22.0	92.42	-941.3	307.7	902.5	866.9	35.60	25.349		
7,050.0	6,851.8	7,233.5	6,882.3	17.9	22.3	91.97	-940.7	358.0	902.3	865.2	37.09	24.324		
7,100.0	6,868.2	7,285.0	6,891.9	18.7	22.8	91.51	-940.1	408.5	902.1	863.3	38.73	23.293		
7,150.0	6,881.3	7,335.9	6,897.7	19.5	23.3	91.04	-939.5	459.1	901.9	861.4	40.49	22.277		
7,200.0	6,890.9	7,386.2	6,900.0	20.4	24.0	90.57	-938.9	509.3	901.8	859.5	42.35	21.296		
7,250.0	6,897.1	7,435.9	6,900.0	21.4	24.8	90.18	-938.3	559.0	901.8	857.5	44.31	20.352		
7,254.1	6,897.5	7,440.0	6,900.0	21.4	24.9	90.16	-938.3	563.1	901.8	857.3	44.48	20.275		
7,300.0	6,899.9	7,485.8	6,900.0	22.4	25.7	90.01	-937.7	608.9	901.8	855.5	46.33	19.465		
7,314.2	6,900.0	7,500.0	6,900.0	22.6	25.9	90.00	-937.6	623.1	901.8	854.9	46.91	19.225		
7,400.0	6,900.0	7,585.8	6,900.0	24.5	27.6	90.00	-936.6	708.9	901.8	851.2	50.58	17.828		
7,500.0	6,900.0	7,685.8	6,900.0	26.7	29.7	90.00	-935.4	808.9	901.8	846.8	55.08	16.372		
7,600.0	6,900.0	7,785.8	6,900.0	29.0	31.9	90.00	-934.2	908.9	901.9	842.1	59.77	15.089		
7,700.0	6,900.0	7,885.8	6,900.0	31.4	34.3	90.00	-933.0	1,008.9	901.9	837.3	64.60	13.960		
7,800.0	6,900.0	7,985.8	6,900.0	33.9	36.7	90.00	-931.9	1,108.9	901.9	832.3	69.56	12.967		
7,900.0	6,900.0	8,085.8	6,900.0	36.4	39.1	90.00	-930.7	1,208.9	901.9	827.3	74.60	12.090		
8,000.0	6,900.0	8,185.8	6,900.0	39.0	41.6	90.00	-929.5	1,308.9	902.0	822.2	79.72	11.314		
8,100.0	6,900.0	8,285.8	6,900.0	41.6	44.2	90.00	-928.3	1,408.9	902.0	817.1	84.90	10.623		
8,200.0	6,900.0	8,385.8	6,900.0	44.2	46.8	90.00	-927.2	1,508.9	902.0	811.9	90.14	10.007		
8,300.0	6,900.0	8,485.8	6,900.0	46.8	49.3	90.00	-926.0	1,608.9	902.0	806.6	95.42	9.454		
8,400.0	6,900.0	8,585.8	6,900.0	49.5	52.0	90.00	-924.8	1,708.9	902.0	801.3	100.73	8.955		
8,500.0	6,900.0	8,685.8	6,900.0	52.1	54.6	90.00	-923.7	1,808.8	902.1	796.0	106.07	8.504		
8,600.0	6,900.0	8,785.8	6,900.0	54.8	57.3	90.00	-922.5	1,908.8	902.1	790.7	111.44	8.095		
8,700.0	6,900.0	8,885.8	6,900.0	57.5	59.9	90.00	-921.3	2,008.8	902.1	785.3	116.83	7.721		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)						
8,800.0	6,900.0	8,985.8	6,900.0	60.2	62.6	90.00	-920.1	2,108.8	902.1	779.9	122.24	7.380		
8,900.0	6,900.0	9,085.8	6,900.0	62.9	65.3	90.00	-919.0	2,208.8	902.2	774.5	127.67	7.066		
9,000.0	6,900.0	9,185.8	6,900.0	65.7	68.0	90.00	-917.8	2,308.8	902.2	769.1	133.12	6.777		
9,100.0	6,900.0	9,285.8	6,900.0	68.4	70.7	90.00	-916.6	2,408.8	902.2	763.6	138.57	6.511		
9,200.0	6,900.0	9,385.8	6,900.0	71.1	73.4	90.00	-915.4	2,508.8	902.2	758.2	144.04	6.264		
9,300.0	6,900.0	9,485.8	6,900.0	73.9	76.1	90.00	-914.3	2,608.8	902.3	752.7	149.52	6.034		
9,400.0	6,900.0	9,585.8	6,900.0	76.6	78.9	90.00	-913.1	2,708.8	902.3	747.3	155.01	5.821		
9,500.0	6,900.0	9,685.8	6,900.0	79.4	81.6	90.00	-911.9	2,808.8	902.3	741.8	160.51	5.622		
9,600.0	6,900.0	9,785.8	6,900.0	82.1	84.3	90.00	-910.7	2,908.8	902.3	736.3	166.01	5.435		
9,700.0	6,900.0	9,885.8	6,900.0	84.9	87.1	90.00	-909.6	3,008.8	902.4	730.8	171.52	5.261		
9,800.0	6,900.0	9,985.8	6,900.0	87.6	89.8	90.00	-908.4	3,108.8	902.4	725.3	177.04	5.097		
9,900.0	6,900.0	10,085.8	6,900.0	90.4	92.6	90.00	-907.2	3,208.7	902.4	719.8	182.57	4.943		
10,000.0	6,900.0	10,185.8	6,900.0	93.2	95.3	90.00	-906.1	3,308.7	902.4	714.3	188.09	4.798		
10,100.0	6,900.0	10,285.8	6,900.0	95.9	98.1	90.00	-904.9	3,408.7	902.4	708.8	193.63	4.661		
10,200.0	6,900.0	10,385.8	6,900.0	98.7	100.8	90.00	-903.7	3,508.7	902.5	703.3	199.16	4.531		
10,300.0	6,900.0	10,485.8	6,900.0	101.5	103.6	90.00	-902.5	3,608.7	902.5	697.8	204.71	4.409		
10,400.0	6,900.0	10,585.8	6,900.0	104.2	106.4	90.00	-901.4	3,708.7	902.5	692.3	210.25	4.293		
10,500.0	6,900.0	10,685.8	6,900.0	107.0	109.1	90.00	-900.2	3,808.7	902.5	686.7	215.80	4.182		
10,600.0	6,900.0	10,785.8	6,900.0	109.8	111.9	90.00	-899.0	3,908.7	902.6	681.2	221.35	4.078		
10,700.0	6,900.0	10,885.8	6,900.0	112.6	114.7	90.00	-897.8	4,008.7	902.6	675.7	226.90	3.978		
10,800.0	6,900.0	10,985.8	6,900.0	115.3	117.4	90.00	-896.7	4,108.7	902.6	670.1	232.46	3.883		
10,900.0	6,900.0	11,085.8	6,900.0	118.1	120.2	90.00	-895.5	4,208.7	902.6	664.6	238.02	3.792		
11,000.0	6,900.0	11,185.8	6,900.0	120.9	123.0	90.00	-894.3	4,308.7	902.7	659.1	243.58	3.706		
11,100.0	6,900.0	11,285.8	6,900.0	123.7	125.8	90.00	-893.2	4,408.7	902.7	653.5	249.15	3.623		
11,200.0	6,900.0	11,385.8	6,900.0	126.5	128.5	90.00	-892.0	4,508.7	902.7	648.0	254.71	3.544		
11,249.5	6,900.0	11,435.3	6,900.0	127.4	129.9	90.00	-891.4	4,558.1	902.7	645.7	256.98	3.513		
11,289.0	6,900.0	11,466.9	6,900.0	128.1	130.8	90.00	-891.0	4,589.7	902.8	644.2	258.57	3.491 SF		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	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	0.01	20.0	0.0	20.0					
100.0	100.0	100.0	100.0	0.1	0.1	0.01	20.0	0.0	20.0	19.8	0.22	89.109		
200.0	200.0	200.0	200.0	0.3	0.3	0.01	20.0	0.0	20.0	19.4	0.67	29.703		
300.0	300.0	300.0	300.0	0.6	0.6	0.01	20.0	0.0	20.0	18.9	1.12	17.822		
400.0	400.0	400.0	400.0	0.8	0.8	0.01	20.0	0.0	20.0	18.5	1.57	12.730		
500.0	500.0	500.0	500.0	1.0	1.0	0.01	20.0	0.0	20.0	18.0	2.02	9.901		
600.0	600.0	600.0	600.0	1.2	1.2	0.01	20.0	0.0	20.0	17.6	2.47	8.101		
700.0	700.0	700.0	700.0	1.5	1.5	0.01	20.0	0.0	20.0	17.1	2.92	6.855		
800.0	800.0	800.0	800.0	1.7	1.7	0.01	20.0	0.0	20.0	16.7	3.37	5.941		
900.0	900.0	900.0	900.0	1.9	1.9	0.01	20.0	0.0	20.0	16.2	3.82	5.242		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	0.01	20.0	0.0	20.0	15.8	4.27	4.690		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	0.01	20.0	0.0	20.0	15.3	4.72	4.243		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	0.01	20.0	0.0	20.0	14.9	5.17	3.874		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	0.01	20.0	0.0	20.0	14.4	5.62	3.564		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	0.01	20.0	0.0	20.0	14.0	6.07	3.300 CC, ES		
1,500.0	1,500.0	1,499.6	1,499.6	3.3	3.3	-2.34	21.0	-0.9	21.0	14.5	6.51	3.228		
1,600.0	1,600.0	1,599.0	1,598.9	3.5	3.5	-8.16	23.9	-3.4	24.2	17.2	6.96	3.477		
1,700.0	1,700.0	1,698.2	1,697.9	3.7	3.7	-14.99	28.8	-7.7	29.8	22.4	7.40	4.033		
1,800.0	1,800.0	1,797.0	1,796.3	3.9	3.9	-21.02	35.5	-13.6	38.2	30.4	7.84	4.869		
1,900.0	1,900.0	1,895.5	1,894.1	4.2	4.2	-25.69	44.1	-21.2	49.2	40.9	8.30	5.932		
2,000.0	2,000.0	1,994.7	1,992.6	4.4	4.4	-28.83	53.3	-29.3	61.2	52.5	8.76	6.988		
2,100.0	2,100.0	2,094.0	2,091.1	4.6	4.7	-30.93	62.5	-37.4	73.4	64.1	9.24	7.944		
2,200.0	2,200.0	2,193.2	2,189.5	4.8	4.9	-32.44	71.7	-45.6	85.6	75.9	9.72	8.808		
2,300.0	2,300.0	2,292.4	2,288.0	5.1	5.2	-33.57	80.9	-53.7	97.8	87.6	10.20	9.590		
2,400.0	2,400.0	2,391.7	2,386.5	5.3	5.5	-34.45	90.1	-61.8	110.1	99.4	10.69	10.299		
2,500.0	2,500.0	2,490.9	2,485.0	5.5	5.8	-37.47	99.3	-69.9	122.1	111.1	10.98	11.123		
2,600.0	2,599.9	2,590.2	2,583.5	5.7	6.1	-39.33	108.5	-78.1	133.7	122.3	11.40	11.723		
2,700.0	2,699.7	2,689.5	2,682.0	5.9	6.4	-41.05	117.7	-86.2	144.8	133.0	11.83	12.238		
2,800.0	2,799.3	2,788.7	2,780.4	6.1	6.6	-42.46	126.9	-94.3	155.8	143.5	12.28	12.686		
2,813.1	2,812.3	2,801.6	2,793.3	6.1	6.7	-43.82	128.1	-95.4	157.2	144.9	12.34	12.741		
2,900.0	2,898.7	2,887.7	2,878.7	6.3	6.9	-45.22	136.1	-102.4	166.9	154.2	12.74	13.099		
3,000.0	2,998.1	2,986.8	2,977.0	6.5	7.2	-46.67	145.3	-110.5	178.4	165.2	13.22	13.497		
3,100.0	3,097.5	3,085.9	3,075.4	6.7	7.5	-48.01	154.5	-118.6	190.1	176.4	13.70	13.878		
3,200.0	3,196.9	3,185.0	3,173.7	7.0	7.8	-49.21	163.7	-126.8	202.1	187.9	14.19	14.241		
3,300.0	3,296.4	3,284.0	3,272.0	7.2	8.1	-50.39	172.9	-134.9	214.3	199.6	14.69	14.585		
3,400.0	3,395.8	3,383.1	3,370.3	7.5	8.4	-51.89	182.1	-143.0	226.7	211.5	15.20	14.911		
3,495.6	3,490.8	3,477.8	3,464.3	7.7	8.7	-52.18	190.9	-150.7	238.6	222.9	15.69	15.205		
3,500.0	3,495.2	3,482.2	3,468.6	7.7	8.7	-52.25	191.3	-151.1	239.1	223.4	15.71	15.219		
3,600.0	3,594.8	3,581.3	3,567.0	7.9	9.0	-52.27	200.5	-159.2	251.5	235.3	16.20	15.520		
3,700.0	3,694.6	3,680.6	3,665.5	8.1	9.3	-52.46	209.7	-167.3	263.3	246.6	16.67	15.792		
3,805.4	3,800.0	3,785.3	3,769.4	8.3	9.7	-52.32	219.4	-175.9	275.3	257.8	17.47	15.755		
3,900.0	3,894.6	3,879.1	3,862.5	8.5	10.0	-52.36	228.2	-183.6	285.9	267.9	17.96	15.918		
4,000.0	3,994.6	3,980.0	3,962.6	8.7	10.3	-52.38	237.5	-191.8	297.1	278.6	18.49	16.068		
4,100.0	4,094.6	4,080.2	4,072.2	9.0	10.5	-52.21	246.6	-199.0	306.1	287.2	18.97	16.135		
4,200.0	4,194.6	4,201.0	4,182.8	9.2	10.7	-52.69	250.6	-203.4	311.7	292.3	19.42	16.048		
4,300.0	4,294.6	4,312.2	4,294.0	9.4	10.9	-52.86	252.4	-205.0	313.7	293.8	19.84	15.813		
4,400.0	4,394.6	4,412.8	4,394.6	9.6	11.1	-52.86	252.4	-205.0	313.7	293.4	20.23	15.502		
4,500.0	4,494.6	4,512.8	4,494.6	9.8	11.3	-52.86	252.4	-205.0	313.7	293.0	20.65	15.191		
4,600.0	4,594.6	4,612.8	4,594.6	10.0	11.5	-52.86	252.4	-205.0	313.7	292.6	21.06	14.891		
4,700.0	4,694.6	4,712.8	4,694.6	10.3	11.7	-52.86	252.4	-205.0	313.7	292.2	21.48	14.602		
4,800.0	4,794.6	4,812.8	4,794.6	10.5	11.9	-52.86	252.4	-205.0	313.7	291.8	21.90	14.323		
4,900.0	4,894.6	4,912.8	4,894.6	10.7	12.1	-52.86	252.4	-205.0	313.7	291.4	22.32	14.054		

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
5,000.0	4,994.6	5,012.8	4,994.6	10.9	12.3	-18.86	252.4	-205.0	313.7	290.9	22.74	13.794		
5,100.0	5,094.6	5,112.8	5,094.6	11.1	12.5	-18.86	252.4	-205.0	313.7	290.5	23.16	13.543		
5,200.0	5,194.6	5,212.8	5,194.6	11.4	12.7	-18.86	252.4	-205.0	313.7	290.1	23.58	13.301		
5,300.0	5,294.6	5,312.8	5,294.6	11.6	12.9	-18.86	252.4	-205.0	313.7	289.7	24.01	13.066		
5,400.0	5,394.6	5,412.8	5,394.6	11.8	13.1	-18.86	252.4	-205.0	313.7	289.2	24.43	12.839		
5,500.0	5,494.6	5,512.8	5,494.6	12.0	13.3	-18.86	252.4	-205.0	313.7	288.8	24.86	12.620		
5,600.0	5,594.6	5,612.8	5,594.6	12.2	13.5	-18.86	252.4	-205.0	313.7	288.4	25.28	12.407		
5,700.0	5,694.6	5,712.8	5,694.6	12.4	13.7	-18.86	252.4	-205.0	313.7	288.0	25.71	12.201		
5,800.0	5,794.6	5,812.8	5,794.6	12.7	13.9	-18.86	252.4	-205.0	313.7	287.5	26.14	12.002		
5,900.0	5,894.6	5,912.8	5,894.6	12.9	14.1	-18.86	252.4	-205.0	313.7	287.1	26.56	11.808		
6,000.0	5,994.6	6,012.8	5,994.6	13.1	14.3	-18.86	252.4	-205.0	313.7	286.7	26.99	11.621		
6,100.0	6,094.6	6,112.8	6,094.6	13.3	14.5	-18.86	252.4	-205.0	313.7	286.2	27.42	11.439		
6,189.2	6,183.8	6,202.0	6,183.8	13.5	14.7	-18.86	252.4	-205.0	313.7	285.9	27.80	11.281		
6,200.0	6,194.6	6,214.5	6,196.3	13.5	14.7	-108.17	252.4	-204.9	313.7	286.2	27.42	11.438		
6,250.0	6,244.5	6,272.4	6,254.1	13.6	14.8	-108.10	252.5	-201.5	313.5	285.9	27.60	11.359		
6,300.0	6,294.2	6,330.2	6,311.4	13.7	14.9	-107.94	252.6	-193.5	313.2	285.5	27.75	11.287		
6,350.0	6,343.3	6,387.9	6,367.7	13.8	14.9	-107.67	252.7	-181.0	312.8	284.9	27.89	11.217		
6,400.0	6,391.6	6,445.4	6,422.6	13.9	15.0	-107.31	252.9	-164.0	312.2	284.2	28.01	11.146		
6,450.0	6,438.9	6,502.7	6,475.8	14.0	15.0	-106.86	253.2	-142.8	311.4	283.3	28.13	11.071		
6,500.0	6,484.9	6,559.7	6,526.8	14.1	15.1	-106.32	253.5	-117.5	310.6	282.3	28.27	10.984		
6,550.0	6,529.5	6,616.4	6,575.5	14.2	15.1	-105.69	253.8	-88.4	309.6	281.1	28.45	10.881		
6,600.0	6,572.4	6,672.7	6,621.3	14.3	15.1	-104.97	254.2	-55.8	308.5	279.8	28.69	10.754		
6,650.0	6,613.5	6,728.6	6,664.2	14.5	15.2	-104.17	254.6	-20.0	307.4	278.4	29.01	10.596		
6,700.0	6,652.4	6,784.0	6,703.8	14.7	15.3	-103.30	255.1	18.7	306.3	276.8	29.44	10.403		
6,750.0	6,689.0	6,839.0	6,740.1	14.9	15.6	-102.36	255.5	60.1	305.1	275.1	30.00	10.170		
6,800.0	6,723.2	6,893.5	6,772.8	15.2	15.9	-101.35	256.0	103.7	304.0	273.3	30.71	9.899		
6,850.0	6,754.8	6,947.5	6,801.8	15.6	16.4	-100.29	256.6	149.2	302.9	271.3	31.59	9.587		
6,900.0	6,783.5	7,001.0	6,827.1	16.1	17.0	-99.16	257.1	196.3	301.8	269.2	32.65	9.245		
6,950.0	6,809.4	7,053.9	6,848.6	16.6	17.7	-98.00	257.7	244.7	300.9	267.0	33.89	8.879		
7,000.0	6,832.2	7,106.4	6,866.3	17.2	18.4	-96.79	258.3	294.0	300.0	264.7	35.30	8.501		
7,050.0	6,851.8	7,158.3	6,880.2	17.9	19.2	-95.55	258.9	344.0	299.3	262.5	36.86	8.120		
7,100.0	6,868.2	7,209.7	6,890.4	18.7	20.1	-94.28	259.5	394.4	298.7	260.2	38.57	7.746		
7,150.0	6,881.3	7,260.6	6,896.9	19.5	21.0	-92.99	260.1	444.8	298.3	257.9	40.38	7.386		
7,200.0	6,890.9	7,311.0	6,899.8	20.4	22.0	-91.69	260.6	495.1	298.0	255.7	42.29	7.046		
7,250.0	6,897.1	7,360.8	6,900.0	21.4	23.0	-90.55	261.2	544.9	297.9	253.6	44.27	6.728		
7,300.0	6,899.9	7,410.7	6,900.0	22.4	24.0	-90.03	261.8	594.9	297.8	251.5	46.30	6.433		
7,314.2	6,900.0	7,424.9	6,900.0	22.6	24.3	-90.00	262.0	609.1	297.8	250.9	46.90	6.351		
7,400.0	6,900.0	7,510.7	6,900.0	24.5	26.2	-90.00	263.0	694.8	297.8	247.2	50.57	5.889		
7,500.0	6,900.0	7,610.7	6,900.0	26.7	28.4	-90.00	264.2	794.8	297.8	242.7	55.07	5.407		
7,600.0	6,900.0	7,710.7	6,900.0	29.0	30.8	-90.00	265.3	894.8	297.8	238.0	59.77	4.982		
7,700.0	6,900.0	7,810.7	6,900.0	31.4	33.2	-90.00	266.5	994.8	297.7	233.1	64.61	4.608		
7,800.0	6,900.0	7,910.7	6,900.0	33.9	35.7	-90.00	267.7	1,094.8	297.7	228.1	69.57	4.280		
7,900.0	6,900.0	8,010.7	6,900.0	36.4	38.3	-90.00	268.9	1,194.8	297.7	223.1	74.62	3.990		
8,000.0	6,900.0	8,110.7	6,900.0	39.0	40.8	-90.00	270.0	1,294.8	297.7	217.9	79.74	3.733		
8,100.0	6,900.0	8,210.7	6,900.0	41.6	43.4	-90.00	271.2	1,394.8	297.6	212.7	84.93	3.505		
8,200.0	6,900.0	8,310.7	6,900.0	44.2	46.0	-90.00	272.4	1,494.8	297.6	207.5	90.17	3.301		
8,300.0	6,900.0	8,410.7	6,900.0	46.8	48.7	-90.00	273.5	1,594.8	297.6	202.2	95.45	3.118		
8,400.0	6,900.0	8,510.7	6,900.0	49.5	51.3	-90.00	274.7	1,694.8	297.6	196.8	100.76	2.953		
8,500.0	6,900.0	8,610.7	6,900.0	52.1	54.0	-90.00	275.9	1,794.8	297.6	191.4	106.11	2.804		
8,600.0	6,900.0	8,710.7	6,900.0	54.8	56.7	-90.00	277.1	1,894.8	297.5	186.1	111.48	2.669		
8,700.0	6,900.0	8,810.7	6,900.0	57.5	59.4	-90.00	278.2	1,994.8	297.5	180.6	116.87	2.546		
8,800.0	6,900.0	8,910.7	6,900.0	60.2	62.1	-90.00	279.4	2,094.8	297.5	175.2	122.29	2.433		

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



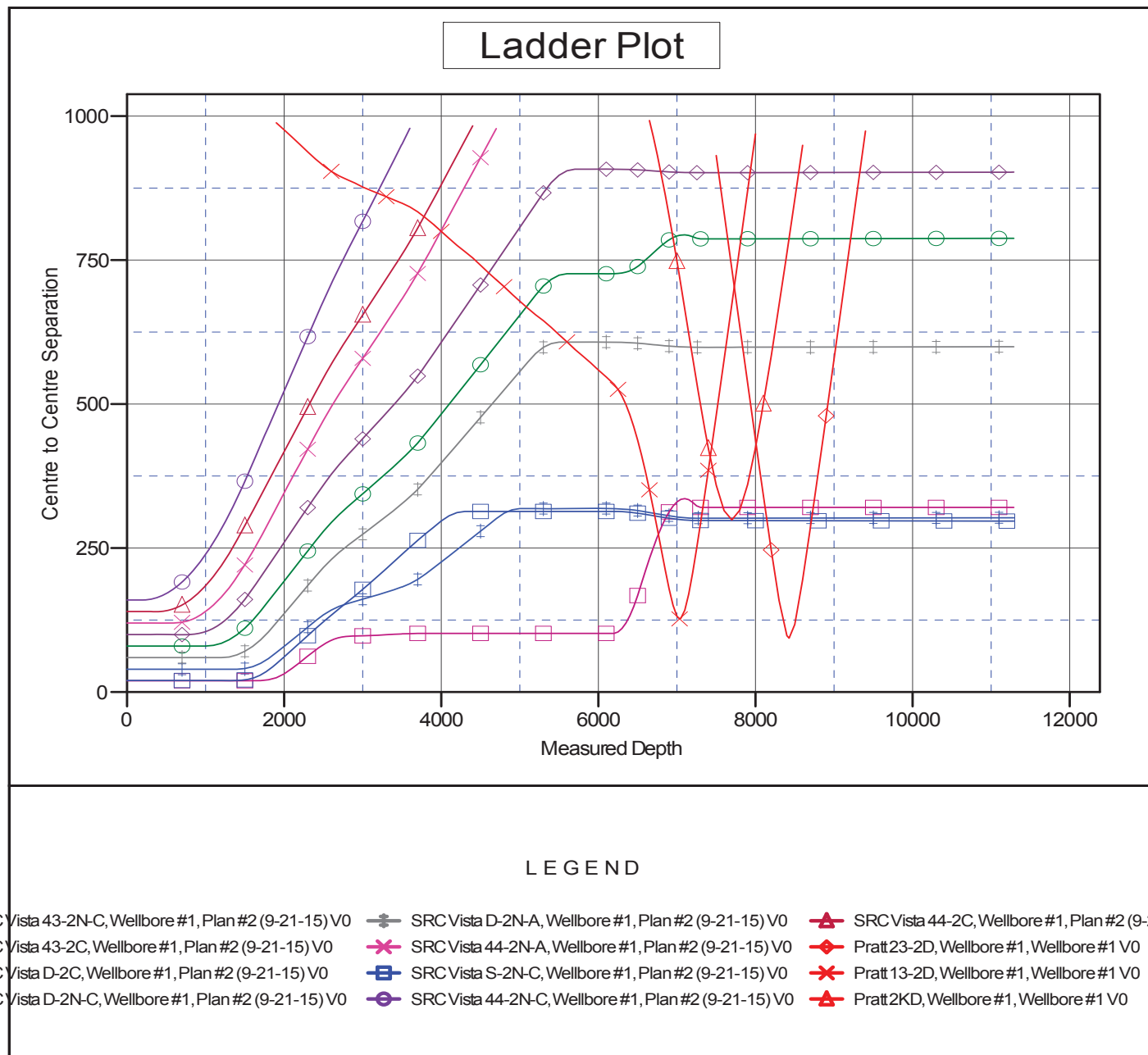
<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error: 0.0 ft
Survey Program: 0-MWD													Offset Well Error: 0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,900.0	6,900.0	9,010.7	6,900.0	62.9	64.8	-90.00	280.6	2,194.7	297.5	169.7	127.72	2.329	
9,000.0	6,900.0	9,110.7	6,900.0	65.7	67.5	-90.00	281.8	2,294.7	297.4	164.3	133.16	2.234	
9,100.0	6,900.0	9,210.7	6,900.0	68.4	70.3	-90.00	282.9	2,394.7	297.4	158.8	138.62	2.146	
9,200.0	6,900.0	9,310.7	6,900.0	71.1	73.0	-90.00	284.1	2,494.7	297.4	153.3	144.09	2.064	
9,300.0	6,900.0	9,410.7	6,900.0	73.9	75.7	-90.00	285.3	2,594.7	297.4	147.8	149.57	1.988	
9,400.0	6,900.0	9,510.7	6,900.0	76.6	78.5	-90.00	286.4	2,694.7	297.3	142.3	155.06	1.918	
9,500.0	6,900.0	9,610.7	6,900.0	79.4	81.2	-90.00	287.6	2,794.7	297.3	136.8	160.56	1.852	
9,600.0	6,900.0	9,710.7	6,900.0	82.1	84.0	-90.00	288.8	2,894.7	297.3	131.2	166.06	1.790	
9,700.0	6,900.0	9,810.7	6,900.0	84.9	86.7	-90.00	290.0	2,994.7	297.3	125.7	171.58	1.733	
9,800.0	6,900.0	9,910.7	6,900.0	87.6	89.5	-90.00	291.1	3,094.7	297.2	120.2	177.09	1.678	
9,900.0	6,900.0	10,010.7	6,900.0	90.4	92.2	-90.00	292.3	3,194.7	297.2	114.6	182.62	1.628	
10,000.0	6,900.0	10,110.7	6,900.0	93.2	95.0	-90.00	293.5	3,294.7	297.2	109.1	188.15	1.580	
10,100.0	6,900.0	10,210.7	6,900.0	95.9	97.8	-90.00	294.7	3,394.7	297.2	103.5	193.68	1.534	
10,200.0	6,900.0	10,310.7	6,900.0	98.7	100.5	-90.00	295.8	3,494.7	297.2	97.9	199.22	1.492 Level 3	
10,300.0	6,900.0	10,410.7	6,900.0	101.5	103.3	-90.00	297.0	3,594.6	297.1	92.4	204.76	1.451 Level 3	
10,400.0	6,900.0	10,510.7	6,900.0	104.2	106.1	-90.00	298.2	3,694.6	297.1	86.8	210.31	1.413 Level 3	
10,500.0	6,900.0	10,610.7	6,900.0	107.0	108.9	-90.00	299.4	3,794.6	297.1	81.2	215.86	1.376 Level 3	
10,600.0	6,900.0	10,710.7	6,900.0	109.8	111.6	-90.00	300.5	3,894.6	297.1	75.7	221.41	1.342 Level 3	
10,700.0	6,900.0	10,810.7	6,900.0	112.6	114.4	-90.00	301.7	3,994.6	297.0	70.1	226.96	1.309 Level 3	
10,800.0	6,900.0	10,910.7	6,900.0	115.3	117.2	-90.00	302.9	4,094.6	297.0	64.5	232.52	1.277 Level 3	
10,900.0	6,900.0	11,010.7	6,900.0	118.1	120.0	-90.00	304.0	4,194.6	297.0	58.9	238.08	1.247 Level 2	
11,000.0	6,900.0	11,110.7	6,900.0	120.9	122.7	-90.00	305.2	4,294.6	297.0	53.3	243.64	1.219 Level 2	
11,100.0	6,900.0	11,210.7	6,900.0	123.7	125.5	-90.00	306.4	4,394.6	296.9	47.7	249.21	1.192 Level 2	
11,200.0	6,900.0	11,310.7	6,900.0	126.5	128.3	-90.00	307.6	4,494.6	296.9	42.2	254.77	1.165 Level 2	
11,289.0	6,900.0	11,399.7	6,900.0	128.1	130.8	-90.00	308.6	4,583.6	296.9	38.0	258.85	1.147 Level 2, SF	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

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

Coordinates are relative to: SRC Vista 43-2N-A  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.34°



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Vista 43-2N-A
<b>Project:</b>	SEC.2-T4N-R68W	<b>TVD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Reference Site:</b>	SRC Vista Pad Sec.2-T4N-R68W	<b>MD Reference:</b>	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
<b>Site Error:</b>	0.0 ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Vista 43-2N-A	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	US_EDM
<b>Reference Design:</b>	Plan #2 (9-21-15)	<b>Offset TVD Reference:</b>	Offset Datum

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

Coordinates are relative to: SRC Vista 43-2N-A  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.34°

