

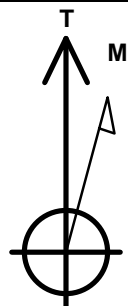
Synergy Resources

Well Name: **SRC Vista 43-2C**

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 1367677.03 3145254.75 40.341503 -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 2183'FSL & 254'FWL	1.0	0.0	0.0	Point
BHL 2155'FSL & 460'FEL	7220.0	11.4	4587.0	Point



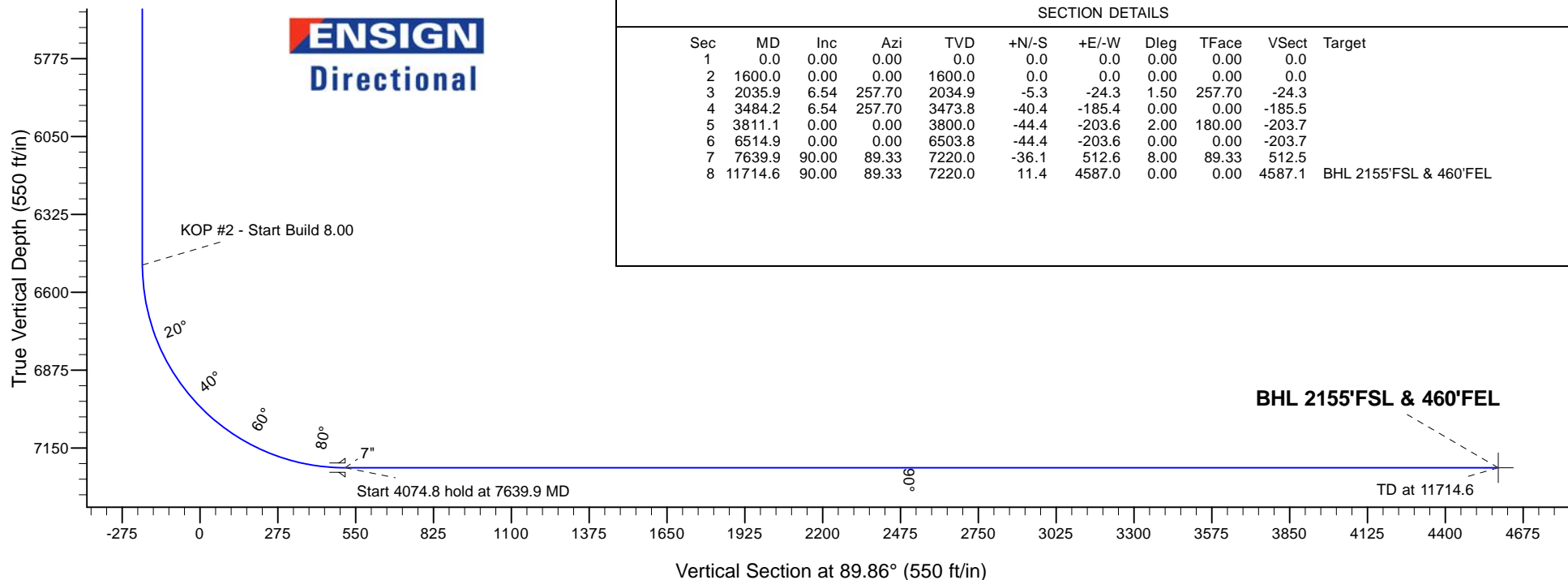
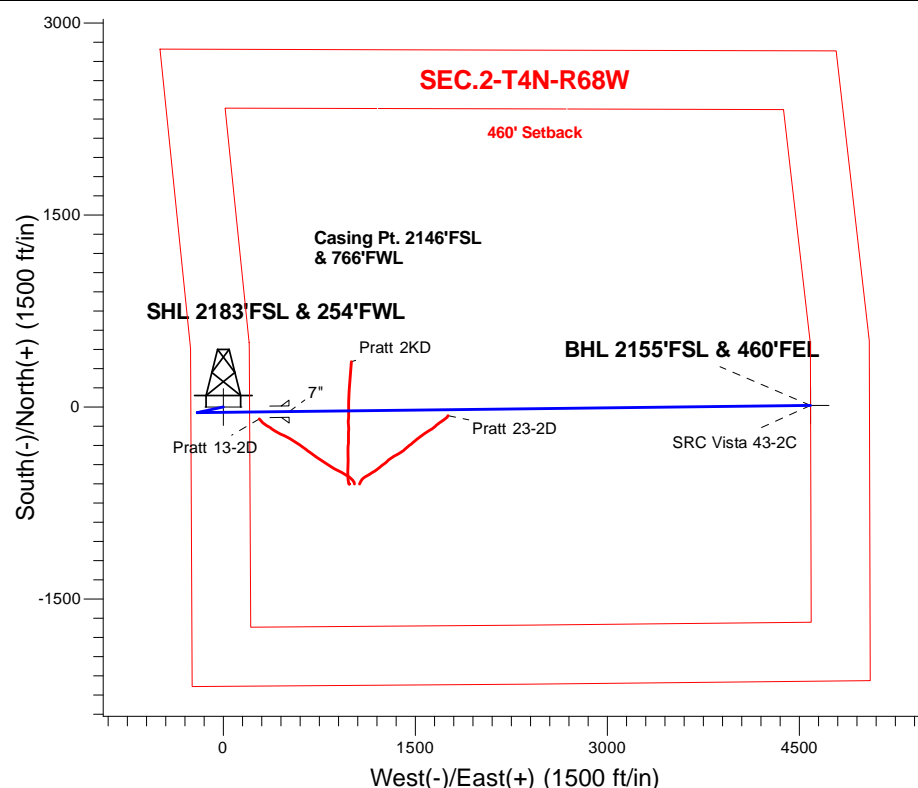
Azimuths to True North
 Magnetic North: 8.40°

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

SRC Vista Pad Sec.2-T4N-R68W
SRC Vista 43-2C
Plan #2 (9-21-15)
17:27, September 21 2015

ANNOTATIONS

TVD	MD	Annotation
1600.0	1600.0	KOP - Start Build 1.50
3473.8	3484.2	Start Drop -2.00
6503.8	6514.9	KOP #2 - Start Build 8.00
7220.0	7639.9	Start 4074.8 hold at 7639.9 MD
7220.0	11714.6	TD at 11714.6





Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 43-2C

Wellbore #1

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

Standard Planning Report

21 September, 2015



Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 43-2C
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 43-2C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

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

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

Well	SRC Vista 43-2C					
Well Position	+N/-S	140.2 ft	Northing:	1,367,677.03 usft	Latitude:	40.341503
	+E/-W	-0.3 ft	Easting:	3,145,254.75 usft	Longitude:	-104.978905
Position Uncertainty		0.0 ft	Wellhead Elevation:		Ground Level:	5,000.0 ft

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

Design	Plan #2 (9-21-15)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	89.86

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,035.9	6.54	257.70	2,034.9	-5.3	-24.3	1.50	1.50	0.00	257.70	
3,484.2	6.54	257.70	3,473.8	-40.4	-185.4	0.00	0.00	0.00	0.00	
3,811.1	0.00	0.00	3,800.0	-44.4	-203.6	2.00	-2.00	0.00	180.00	
6,514.9	0.00	0.00	6,503.8	-44.4	-203.6	0.00	0.00	0.00	0.00	
7,639.9	90.00	89.33	7,220.0	-36.1	512.6	8.00	8.00	0.00	89.33	
11,714.6	90.00	89.33	7,220.0	11.4	4,587.0	0.00	0.00	0.00	0.00	BHL 2155'FSL & 460'

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 43-2C
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 43-2C	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 2183'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
KOP - Start Build 1.50									
1,700.0	1.50	257.70	1,700.0	-0.3	-1.3	-1.3	1.50	1.50	0.00
1,800.0	3.00	257.70	1,799.9	-1.1	-5.1	-5.1	1.50	1.50	0.00
1,900.0	4.50	257.70	1,899.7	-2.5	-11.5	-11.5	1.50	1.50	0.00
2,000.0	6.00	257.70	1,999.3	-4.5	-20.4	-20.5	1.50	1.50	0.00
2,035.9	6.54	257.70	2,034.9	-5.3	-24.3	-24.3	1.50	1.50	0.00
2,100.0	6.54	257.70	2,098.6	-6.8	-31.4	-31.4	0.00	0.00	0.00
2,200.0	6.54	257.70	2,198.0	-9.3	-42.5	-42.6	0.00	0.00	0.00
2,300.0	6.54	257.70	2,297.3	-11.7	-53.7	-53.7	0.00	0.00	0.00
2,400.0	6.54	257.70	2,396.7	-14.1	-64.8	-64.8	0.00	0.00	0.00
2,500.0	6.54	257.70	2,496.0	-16.6	-75.9	-75.9	0.00	0.00	0.00
2,600.0	6.54	257.70	2,595.4	-19.0	-87.0	-87.1	0.00	0.00	0.00
2,700.0	6.54	257.70	2,694.7	-21.4	-98.2	-98.2	0.00	0.00	0.00
2,800.0	6.54	257.70	2,794.1	-23.8	-109.3	-109.3	0.00	0.00	0.00
2,900.0	6.54	257.70	2,893.4	-26.3	-120.4	-120.5	0.00	0.00	0.00
3,000.0	6.54	257.70	2,992.8	-28.7	-131.5	-131.6	0.00	0.00	0.00
3,100.0	6.54	257.70	3,092.1	-31.1	-142.7	-142.7	0.00	0.00	0.00
3,200.0	6.54	257.70	3,191.5	-33.5	-153.8	-153.9	0.00	0.00	0.00
3,300.0	6.54	257.70	3,290.8	-36.0	-164.9	-165.0	0.00	0.00	0.00
3,400.0	6.54	257.70	3,390.2	-38.4	-176.0	-176.1	0.00	0.00	0.00
3,484.2	6.54	257.70	3,473.8	-40.4	-185.4	-185.5	0.00	0.00	0.00
Start Drop -2.00									
3,500.0	6.22	257.70	3,489.5	-40.8	-187.1	-187.2	2.00	-2.00	0.00
3,600.0	4.22	257.70	3,589.1	-42.7	-196.0	-196.1	2.00	-2.00	0.00
3,700.0	2.22	257.70	3,689.0	-43.9	-201.5	-201.6	2.00	-2.00	0.00
3,800.0	0.22	257.70	3,788.9	-44.4	-203.6	-203.7	2.00	-2.00	0.00
3,811.1	0.00	0.00	3,800.0	-44.4	-203.6	-203.7	2.00	-2.00	0.00
3,900.0	0.00	0.00	3,888.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,000.0	0.00	0.00	3,988.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,100.0	0.00	0.00	4,088.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,200.0	0.00	0.00	4,188.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,300.0	0.00	0.00	4,288.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,400.0	0.00	0.00	4,388.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,500.0	0.00	0.00	4,488.9	-44.4	-203.6	-203.7	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 43-2C
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 43-2C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,600.0	0.00	0.00	4,588.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,700.0	0.00	0.00	4,688.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,800.0	0.00	0.00	4,788.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
4,900.0	0.00	0.00	4,888.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,000.0	0.00	0.00	4,988.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,100.0	0.00	0.00	5,088.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,200.0	0.00	0.00	5,188.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,300.0	0.00	0.00	5,288.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,400.0	0.00	0.00	5,388.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,500.0	0.00	0.00	5,488.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,600.0	0.00	0.00	5,588.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,700.0	0.00	0.00	5,688.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,800.0	0.00	0.00	5,788.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
5,900.0	0.00	0.00	5,888.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,000.0	0.00	0.00	5,988.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,100.0	0.00	0.00	6,088.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,200.0	0.00	0.00	6,188.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,300.0	0.00	0.00	6,288.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,388.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,500.0	0.00	0.00	6,488.9	-44.4	-203.6	-203.7	0.00	0.00	0.00
6,514.9	0.00	0.00	6,503.8	-44.4	-203.6	-203.7	0.00	0.00	0.00
KOP #2 - Start Build 8.00									
6,600.0	6.81	89.33	6,588.7	-44.3	-198.5	-198.7	8.00	8.00	0.00
6,700.0	14.81	89.33	6,686.9	-44.1	-179.8	-179.9	8.00	8.00	0.00
6,800.0	22.81	89.33	6,781.5	-43.7	-147.6	-147.7	8.00	8.00	0.00
6,900.0	30.81	89.33	6,870.6	-43.2	-102.5	-102.6	8.00	8.00	0.00
7,000.0	38.81	89.33	6,952.7	-42.6	-45.5	-45.6	8.00	8.00	0.00
7,100.0	46.81	89.33	7,026.0	-41.8	22.4	22.3	8.00	8.00	0.00
7,200.0	54.81	89.33	7,089.1	-40.9	99.8	99.7	8.00	8.00	0.00
7,300.0	62.81	89.33	7,140.9	-39.9	185.3	185.2	8.00	8.00	0.00
7,400.0	70.81	89.33	7,180.2	-38.8	277.1	277.1	8.00	8.00	0.00
7,500.0	78.81	89.33	7,206.4	-37.7	373.6	373.5	8.00	8.00	0.00
7,600.0	86.81	89.33	7,218.9	-36.5	472.7	472.6	8.00	8.00	0.00
7,639.9	90.00	89.33	7,220.0	-36.1	512.6	512.5	8.00	8.00	0.00
Start 4074.8 hold at 7639.9 MD - 7"									
7,700.0	90.00	89.33	7,220.0	-35.4	572.7	572.6	0.00	0.00	0.00
7,800.0	90.00	89.33	7,220.0	-34.2	672.7	672.6	0.00	0.00	0.00
7,900.0	90.00	89.33	7,220.0	-33.0	772.7	772.6	0.00	0.00	0.00
8,000.0	90.00	89.33	7,220.0	-31.9	872.6	872.6	0.00	0.00	0.00
8,100.0	90.00	89.33	7,220.0	-30.7	972.6	972.6	0.00	0.00	0.00
8,200.0	90.00	89.33	7,220.0	-29.5	1,072.6	1,072.6	0.00	0.00	0.00
8,300.0	90.00	89.33	7,220.0	-28.4	1,172.6	1,172.6	0.00	0.00	0.00
8,400.0	90.00	89.33	7,220.0	-27.2	1,272.6	1,272.5	0.00	0.00	0.00
8,500.0	90.00	89.33	7,220.0	-26.1	1,372.6	1,372.5	0.00	0.00	0.00
8,600.0	90.00	89.33	7,220.0	-24.9	1,472.6	1,472.5	0.00	0.00	0.00
8,700.0	90.00	89.33	7,220.0	-23.7	1,572.6	1,572.5	0.00	0.00	0.00
8,800.0	90.00	89.33	7,220.0	-22.6	1,672.6	1,672.5	0.00	0.00	0.00
8,900.0	90.00	89.33	7,220.0	-21.4	1,772.6	1,772.5	0.00	0.00	0.00
9,000.0	90.00	89.33	7,220.0	-20.2	1,872.6	1,872.5	0.00	0.00	0.00
9,100.0	90.00	89.33	7,220.0	-19.1	1,972.6	1,972.5	0.00	0.00	0.00
9,200.0	90.00	89.33	7,220.0	-17.9	2,072.6	2,072.5	0.00	0.00	0.00
9,300.0	90.00	89.33	7,220.0	-16.7	2,172.6	2,172.5	0.00	0.00	0.00
9,400.0	90.00	89.33	7,220.0	-15.6	2,272.6	2,272.5	0.00	0.00	0.00
9,500.0	90.00	89.33	7,220.0	-14.4	2,372.5	2,372.5	0.00	0.00	0.00

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 43-2C
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 43-2C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,600.0	90.00	89.33	7,220.0	-13.2	2,472.5	2,472.5	0.00	0.00	0.00	
9,700.0	90.00	89.33	7,220.0	-12.1	2,572.5	2,572.5	0.00	0.00	0.00	
9,800.0	90.00	89.33	7,220.0	-10.9	2,672.5	2,672.5	0.00	0.00	0.00	
9,900.0	90.00	89.33	7,220.0	-9.8	2,772.5	2,772.5	0.00	0.00	0.00	
10,000.0	90.00	89.33	7,220.0	-8.6	2,872.5	2,872.5	0.00	0.00	0.00	
10,100.0	90.00	89.33	7,220.0	-7.4	2,972.5	2,972.5	0.00	0.00	0.00	
10,200.0	90.00	89.33	7,220.0	-6.3	3,072.5	3,072.5	0.00	0.00	0.00	
10,300.0	90.00	89.33	7,220.0	-5.1	3,172.5	3,172.5	0.00	0.00	0.00	
10,400.0	90.00	89.33	7,220.0	-3.9	3,272.5	3,272.5	0.00	0.00	0.00	
10,500.0	90.00	89.33	7,220.0	-2.8	3,372.5	3,372.5	0.00	0.00	0.00	
10,600.0	90.00	89.33	7,220.0	-1.6	3,472.5	3,472.5	0.00	0.00	0.00	
10,700.0	90.00	89.33	7,220.0	-0.4	3,572.5	3,572.5	0.00	0.00	0.00	
10,800.0	90.00	89.33	7,220.0	0.7	3,672.5	3,672.4	0.00	0.00	0.00	
10,900.0	90.00	89.33	7,220.0	1.9	3,772.5	3,772.4	0.00	0.00	0.00	
11,000.0	90.00	89.33	7,220.0	3.0	3,872.4	3,872.4	0.00	0.00	0.00	
11,100.0	90.00	89.33	7,220.0	4.2	3,972.4	3,972.4	0.00	0.00	0.00	
11,200.0	90.00	89.33	7,220.0	5.4	4,072.4	4,072.4	0.00	0.00	0.00	
11,300.0	90.00	89.33	7,220.0	6.5	4,172.4	4,172.4	0.00	0.00	0.00	
11,400.0	90.00	89.33	7,220.0	7.7	4,272.4	4,272.4	0.00	0.00	0.00	
11,500.0	90.00	89.33	7,220.0	8.9	4,372.4	4,372.4	0.00	0.00	0.00	
11,600.0	90.00	89.33	7,220.0	10.0	4,472.4	4,472.4	0.00	0.00	0.00	
11,700.0	90.00	89.33	7,220.0	11.2	4,572.4	4,572.4	0.00	0.00	0.00	
11,714.6	90.00	89.33	7,220.0	11.4	4,587.0	4,587.0	0.00	0.00	0.00	
TD at 11714.6 - BHL 2155'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 2183'FSL & 254'FW	0.00	0.00	1.0	0.0	0.0	1,367,677.04	3,145,254.75	40.341503	-104.978905	
- plan hits target center										
- Point										
BHL 2155'FSL & 460'FE	0.00	0.00	7,220.0	11.4	4,587.0	1,367,715.35	3,149,841.44	40.341533	-104.962450	
- plan hits target center										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")		
7,639.9	7,220.0	7"	7	7-1/2		

Database:	US_EDM	Local Co-ordinate Reference:	Well SRC Vista 43-2C
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 43-2C	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 (9-21-15)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,600.0	1,600.0	0.0	0.0	KOP - Start Build 1.50
3,484.2	3,473.8	-40.4	-185.4	Start Drop -2.00
6,514.9	6,503.8	-44.4	-203.6	KOP #2 - Start Build 8.00
7,639.9	7,220.0	-36.1	512.6	Start 4074.8 hold at 7639.9 MD
11,714.6	7,220.0	11.4	4,587.0	TD at 11714.6



Directional

Synergy Resources

SEC.2-T4N-R68W

SRC Vista Pad Sec.2-T4N-R68W

SRC Vista 43-2C

Wellbore #1

Plan #2 (9-21-15)

Anticollision Report

21 September, 2015



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

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

Survey Tool Program	Date 9/21/2015	
From (ft)	To (ft)	Survey (Wellbore)
0.0	11,714.6	Plan #2 (9-21-15) (Wellbore #1)
		Tool Name
		MWD
		Description
		MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Pratt 14-2D Pad Sec.2-T4N-R68W						
Pratt 13-2D - Wellbore #1 - Wellbore #1	7,434.4	7,253.6	86.0	47.1	2.208	CC, ES, SF
Pratt 23-2D - Wellbore #1 - Wellbore #1	8,869.1	7,282.1	63.6	-8.8	0.878	Level 1, CC, ES, SF
Pratt 2KD - Wellbore #1 - Wellbore #1	8,127.5	7,260.5	352.0	302.1	7.054	CC, ES
Pratt 2KD - Wellbore #1 - Wellbore #1	8,200.0	7,261.2	359.4	307.7	6.953	SF
SRC Vista Pad Sec.2-T4N-R68W						
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,600.0	1,600.0	19.7	12.7	2.824	CC
SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,700.0	1,700.0	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	20.0	14.0	3.302	CC, ES
SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,714.6	11,403.5	427.0	246.2	2.362	SF
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	400.0	400.0	120.2	118.7	76.413	CC, ES
SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)	4,500.0	4,350.7	990.5	961.7	34.427	SF
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	600.0	600.0	100.2	97.7	40.524	CC, ES
SRC Vista 44-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,200.0	1,180.4	145.4	140.3	28.545	SF
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	200.0	200.0	140.3	139.6	208.001	CC, ES
SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,600.0	1,506.2	378.9	370.2	43.463	SF
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	1,000.0	1,000.0	60.1	55.8	14.076	CC, ES
SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)	11,714.6	11,762.8	699.8	438.3	2.676	SF
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	1,200.0	1,200.0	40.1	34.9	7.752	CC, ES
SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)	11,714.6	11,431.0	662.1	430.7	2.861	SF
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	800.0	800.0	80.1	76.8	23.770	CC, ES
SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,714.6	11,466.9	938.9	691.5	3.795	SF
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	1,400.0	1,400.0	39.7	33.6	6.543	CC, ES
SRC Vista S-2N-C - Wellbore #1 - Plan #2 (9-21-15)	11,714.6	11,399.4	450.4	259.2	2.356	SF

Offset Design												
Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 13-2D - Wellbore #1 - Wellbore #1												
Survey Program: 48-MWD												
Reference												
Offset												
Semi Major Axis												
Reference												
Offset												
Highside Toolface												
Offset Wellbore Centre												
Distance												
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
1,800.0	1,799.9	1,944.3	1,931.2	3.9	5.5	-139.04	-477.7	859.0	995.0	986.8	8.20	121.342
1,900.0	1,899.7	2,035.4	2,021.6	4.1	5.7	-139.37	-471.8	849.3	987.5	978.9	8.60	114.779
2,000.0	1,999.3	2,139.0	2,124.4	4.3	6.0	-139.82	-465.2	838.7	982.4	973.4	9.04	108.642
2,035.9	2,034.9	2,177.1	2,162.2	4.4	6.1	-140.02	-462.5	834.7	980.9	971.7	9.20	106.575
2,100.0	2,098.6	2,241.3	2,225.8	4.5	6.3	-140.34	-458.0	827.9	978.4	968.9	9.49	103.082

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

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
2,200.0	2,198.0	2,341.8	2,325.6	4.8	6.7	-140.85	-451.0	817.2	974.5	964.5	9.95	97.966		
2,300.0	2,297.3	2,443.6	2,426.5	5.0	7.0	-141.35	-444.0	806.0	970.4	960.0	10.41	93.202		
2,400.0	2,396.7	2,534.9	2,517.1	5.3	7.3	-141.79	-438.1	796.2	966.8	956.0	10.85	89.084		
2,500.0	2,496.0	2,634.8	2,616.3	5.5	7.6	-142.27	-432.0	785.9	963.8	952.5	11.31	85.182		
2,600.0	2,595.4	2,735.1	2,715.8	5.8	7.9	-142.79	-425.1	775.6	960.6	948.8	11.78	81.537		
2,700.0	2,694.7	2,830.5	2,810.5	6.1	8.1	-143.29	-418.7	766.0	957.7	945.5	12.24	78.246		
2,800.0	2,794.1	2,931.8	2,911.1	6.3	8.4	-143.83	-411.8	756.0	955.0	942.3	12.71	75.112		
2,900.0	2,893.4	3,046.7	3,025.0	6.6	8.8	-144.48	-403.2	744.0	951.7	938.5	13.23	71.932		
3,000.0	2,992.8	3,143.5	3,120.9	6.9	9.1	-145.02	-395.6	732.9	947.3	933.6	13.71	69.117		
3,100.0	3,092.1	3,235.1	3,211.7	7.2	9.4	-145.53	-389.0	723.2	944.1	929.9	14.17	66.627		
3,200.0	3,191.5	3,335.6	3,311.4	7.5	9.7	-146.09	-381.7	712.8	941.1	926.5	14.65	64.228		
3,300.0	3,290.8	3,437.6	3,412.5	7.8	10.0	-146.69	-374.0	702.2	938.1	923.0	15.15	61.934		
3,400.0	3,390.2	3,537.6	3,511.7	8.1	10.3	-147.30	-365.9	691.7	935.0	919.4	15.64	59.789		
3,484.2	3,473.8	3,621.2	3,594.5	8.3	10.6	-147.79	-359.5	682.9	932.5	916.4	16.05	58.095		
3,500.0	3,489.5	3,636.9	3,610.1	8.3	10.6	-147.88	-358.3	681.2	932.0	915.8	16.13	57.793		
3,600.0	3,589.1	3,735.1	3,707.5	8.6	10.9	-148.32	-351.2	670.7	927.1	910.6	16.57	55.965		
3,700.0	3,689.0	3,828.0	3,799.7	8.8	11.2	-148.59	-344.8	661.1	919.9	902.9	16.97	54.211		
3,800.0	3,788.9	3,924.2	3,895.2	9.0	11.5	-148.75	-338.3	651.8	910.3	892.9	17.35	52.450		
3,811.1	3,800.0	3,935.0	3,905.9	9.0	11.5	108.93	-337.5	650.8	909.0	888.9	20.09	45.253		
3,900.0	3,888.9	4,025.7	3,995.9	9.1	11.8	108.68	-330.4	642.4	899.0	878.5	20.52	43.818		
4,000.0	3,988.9	4,130.5	4,100.0	9.3	12.1	108.38	-322.1	632.0	887.1	866.1	21.03	42.189		
4,100.0	4,088.9	4,229.7	4,198.3	9.5	12.4	108.12	-314.5	621.9	875.0	853.5	21.53	40.644		
4,200.0	4,188.9	4,320.5	4,288.4	9.7	12.7	107.89	-308.0	612.9	863.4	841.4	21.99	39.255		
4,300.0	4,288.9	4,416.5	4,383.8	9.9	13.0	107.68	-301.8	604.1	852.6	830.1	22.47	37.943		
4,400.0	4,388.9	4,521.7	4,488.4	10.1	13.3	107.48	-295.5	594.0	841.7	818.7	22.98	36.634		
4,500.0	4,488.9	4,634.8	4,600.5	10.3	13.6	107.20	-287.5	581.9	829.3	805.8	23.52	35.259		
4,600.0	4,588.9	4,728.7	4,693.6	10.5	13.9	106.92	-280.2	571.6	816.6	792.6	24.01	34.013		
4,700.0	4,688.9	4,824.3	4,788.4	10.7	14.2	106.64	-273.1	561.7	804.5	780.0	24.50	32.841		
4,800.0	4,788.9	4,925.7	4,889.1	10.9	14.5	106.42	-266.8	551.0	792.6	767.6	25.00	31.698		
4,900.0	4,888.9	5,028.8	4,991.3	11.2	14.8	106.17	-259.9	539.4	779.9	754.4	25.52	30.562		
5,000.0	4,988.9	5,120.9	5,082.6	11.4	15.1	105.95	-253.9	529.5	767.7	741.7	26.00	29.526		
5,100.0	5,088.9	5,219.4	5,180.3	11.6	15.4	105.71	-247.7	519.3	756.1	729.6	26.49	28.539		
5,200.0	5,188.9	5,312.3	5,272.6	11.8	15.7	105.45	-241.6	510.1	744.7	717.8	26.96	27.623		
5,300.0	5,288.9	5,406.1	5,365.9	12.0	15.9	105.19	-236.0	501.8	734.7	707.2	27.43	26.785		
5,400.0	5,388.9	5,526.8	5,485.7	12.2	16.3	104.98	-229.7	489.0	723.0	695.0	27.98	25.836		
5,500.0	5,488.9	5,621.7	5,579.9	12.4	16.6	104.89	-225.6	477.7	710.4	681.9	28.48	24.940		
5,600.0	5,588.9	5,723.2	5,680.6	12.6	16.9	104.79	-221.1	465.9	698.0	669.0	29.00	24.068		
5,700.0	5,688.9	5,818.9	5,775.5	12.8	17.2	104.59	-215.7	454.8	685.4	655.9	29.49	23.238		
5,800.0	5,788.9	5,909.1	5,865.0	13.0	17.4	104.42	-211.3	445.4	674.1	644.1	29.97	22.493		
5,900.0	5,888.9	6,022.7	5,977.9	13.2	17.8	104.18	-205.2	433.1	662.2	631.7	30.51	21.705		
6,000.0	5,988.9	6,115.6	6,070.0	13.5	18.1	103.92	-199.6	422.5	649.7	618.7	30.99	20.962		
6,100.0	6,088.9	6,215.2	6,168.9	13.7	18.4	103.62	-193.5	412.0	638.0	606.5	31.50	20.257		
6,200.0	6,188.9	6,317.6	6,270.3	13.9	18.7	103.24	-186.5	400.6	625.6	593.6	32.00	19.548		
6,300.0	6,288.9	6,411.9	6,363.8	14.1	19.0	102.83	-179.8	390.6	613.6	581.1	32.49	18.887		
6,400.0	6,388.9	6,508.3	6,459.5	14.3	19.3	102.39	-172.8	380.9	602.2	569.2	32.96	18.269		
6,500.0	6,488.9	6,609.3	6,559.8	14.5	19.6	101.93	-165.8	370.9	591.0	557.6	33.45	17.669		
6,514.9	6,503.8	6,624.7	6,575.1	14.6	19.6	101.87	-164.8	369.3	589.3	555.8	33.53	17.579		
6,550.0	6,538.9	6,661.0	6,611.1	14.6	19.7	12.50	-162.5	365.5	584.4	554.7	29.71	19.670		
6,600.0	6,588.7	6,710.1	6,659.8	14.7	19.9	12.58	-159.6	360.2	574.5	544.8	29.65	19.374		
6,650.0	6,638.1	6,758.0	6,707.3	14.8	20.0	12.78	-156.5	355.1	561.3	531.8	29.46	19.054		
6,700.0	6,686.9	6,805.0	6,754.0	14.8	20.2	13.12	-153.3	350.1	544.8	515.7	29.12	18.707		
6,750.0	6,734.7	6,852.2	6,800.8	14.9	20.3	13.64	-150.1	345.1	525.1	496.5	28.66	18.322		

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

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
6,800.0	6,781.5	6,897.7	6,845.9	14.9	20.4	14.40	-147.1	340.2	502.3	474.2	28.08	17.891		
6,850.0	6,826.8	6,940.3	6,888.2	15.0	20.6	15.42	-144.4	335.4	476.5	449.1	27.38	17.402		
6,900.0	6,870.6	6,978.5	6,926.1	15.1	20.7	16.73	-141.9	331.3	448.0	421.4	26.60	16.844		
6,950.0	6,912.6	7,015.1	6,962.4	15.2	20.8	18.44	-139.4	327.7	417.1	391.3	25.77	16.184		
7,000.0	6,952.7	7,050.0	6,997.0	15.3	20.9	20.67	-137.0	324.4	383.9	358.9	24.98	15.371		
7,050.0	6,990.5	7,082.2	7,029.1	15.5	21.0	23.62	-134.8	321.5	348.7	324.3	24.33	14.332		
7,100.0	7,026.0	7,112.4	7,059.0	15.7	21.1	27.60	-132.8	319.0	311.7	287.6	24.04	12.966		
7,150.0	7,058.9	7,140.4	7,086.9	16.0	21.1	33.02	-131.0	316.9	273.2	248.7	24.43	11.179		
7,200.0	7,089.1	7,166.2	7,112.6	16.3	21.2	40.40	-129.5	315.0	233.6	207.6	25.94	9.005		
7,250.0	7,116.5	7,189.7	7,136.1	16.7	21.3	50.25	-128.1	313.5	193.6	164.8	28.82	6.718		
7,300.0	7,140.9	7,211.5	7,157.8	17.2	21.3	62.78	-126.9	312.1	154.3	121.6	32.72	4.717		
7,350.0	7,162.1	7,230.0	7,176.2	17.8	21.4	76.17	-125.8	310.9	118.5	82.2	36.22	3.270		
7,400.0	7,180.2	7,245.2	7,191.3	18.5	21.4	87.85	-124.8	309.9	92.4	54.1	38.28	2.413		
7,434.4	7,190.7	7,253.6	7,199.7	19.0	21.4	93.81	-124.3	309.3	86.0	47.1	38.97	2.208 CC, ES, SF		
7,450.0	7,195.0	7,256.9	7,203.0	19.2	21.5	95.85	-124.1	309.1	87.4	48.2	39.17	2.231		
7,500.0	7,206.4	7,265.2	7,211.2	20.0	21.5	99.44	-123.5	308.5	107.7	67.9	39.76	2.709		
7,550.0	7,214.4	7,270.0	7,216.0	20.9	21.5	98.48	-123.2	308.2	143.4	102.8	40.65	3.528		
7,600.0	7,218.9	7,271.3	7,217.3	21.8	21.5	92.78	-123.1	308.2	186.0	144.2	41.79	4.452		
7,639.9	7,220.0	7,269.8	7,215.8	22.6	21.5	84.80	-123.2	308.2	222.3	179.9	42.33	5.251		
7,700.0	7,220.0	7,265.8	7,211.9	23.8	21.5	82.21	-123.5	308.5	278.7	235.4	43.28	6.440		
7,800.0	7,220.0	7,259.3	7,205.4	25.9	21.5	78.02	-123.9	308.9	375.1	330.3	44.80	8.372		
7,900.0	7,220.0	7,252.8	7,198.9	28.1	21.4	74.01	-124.3	309.4	472.8	426.6	46.21	10.233		
8,000.0	7,220.0	7,246.3	7,192.4	30.4	21.4	70.20	-124.8	309.8	571.3	523.8	47.48	12.033		
8,100.0	7,220.0	7,239.8	7,186.0	32.9	21.4	66.60	-125.2	310.2	670.2	621.6	48.61	13.786		
8,200.0	7,220.0	7,233.3	7,179.5	35.3	21.4	63.22	-125.6	310.6	769.3	719.7	49.62	15.504		
8,300.0	7,220.0	7,226.9	7,173.1	37.8	21.4	60.07	-126.0	311.1	868.5	818.0	50.50	17.199		
8,400.0	7,220.0	7,220.5	7,166.7	40.4	21.4	57.14	-126.4	311.5	967.9	916.6	51.27	18.877		

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

Offset Design													Pratt 14-2D Pad Sec.2-T4N-R68W - Pratt 23-2D - Wellbore #1 - Wellbore #1		Offset Site Error:		0.0 ft
Survey Program: 48-MWD															Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
7,900.0	7,220.0	7,240.0	7,184.0	28.1	21.3	58.77	-86.9	1,740.6	970.2	929.0	41.24	23.527					
8,000.0	7,220.0	7,244.0	7,188.0	30.4	21.3	61.36	-86.7	1,740.8	870.6	826.3	44.29	19.656					
8,100.0	7,220.0	7,248.0	7,192.1	32.9	21.3	64.14	-86.6	1,740.9	771.0	723.5	47.50	16.232					
8,200.0	7,220.0	7,252.2	7,196.2	35.3	21.3	67.14	-86.4	1,741.1	671.4	620.6	50.83	13.211					
8,300.0	7,220.0	7,256.4	7,200.5	37.8	21.3	70.34	-86.3	1,741.3	572.1	517.8	54.24	10.547					
8,400.0	7,220.0	7,260.7	7,204.8	40.4	21.3	73.76	-86.1	1,741.5	472.9	415.2	57.69	8.198					
8,500.0	7,220.0	7,265.1	7,209.1	43.0	21.3	77.39	-86.0	1,741.7	374.2	313.1	61.12	6.122					
8,600.0	7,220.0	7,269.6	7,213.6	45.6	21.3	81.22	-85.8	1,741.9	276.3	211.8	64.45	4.286					
8,700.0	7,220.0	7,274.2	7,218.2	48.2	21.4	85.23	-85.6	1,742.1	180.5	112.9	67.62	2.669					
8,800.0	7,220.0	7,278.8	7,222.8	50.9	21.4	89.39	-85.4	1,742.3	93.9	23.3	70.55	1.331 Level 3					
8,869.1	7,220.0	7,282.1	7,226.1	52.7	21.4	92.33	-85.3	1,742.5	63.6	-8.8	72.39	0.878 Level 1, CC, ES, SF					
8,900.0	7,220.0	7,283.6	7,227.6	53.5	21.4	93.66	-85.2	1,742.5	70.7	-2.5	73.15	0.966 Level 1					
9,000.0	7,220.0	7,288.4	7,232.4	56.2	21.4	98.00	-85.0	1,742.8	145.4	70.0	75.36	1.929					
9,100.0	7,220.0	7,293.4	7,237.3	58.9	21.4	102.37	-84.8	1,743.0	239.2	162.1	77.14	3.101					
9,200.0	7,220.0	7,298.4	7,242.4	61.6	21.4	106.71	-84.6	1,743.2	336.5	258.1	78.46	4.289					
9,300.0	7,220.0	7,303.6	7,247.5	64.3	21.4	110.98	-84.4	1,743.5	435.0	355.7	79.30	5.486					
9,400.0	7,220.0	7,308.8	7,252.8	67.0	21.4	115.13	-84.1	1,743.8	534.0	454.3	79.70	6.700					
9,500.0	7,220.0	7,314.0	7,257.9	69.7	21.4	118.98	-83.9	1,744.0	633.3	553.5	79.80	7.936					
9,600.0	7,220.0	7,314.0	7,257.9	72.5	21.4	118.98	-83.9	1,744.0	732.8	650.5	82.21	8.913					
9,700.0	7,220.0	7,323.0	7,266.9	75.2	21.5	125.08	-83.5	1,744.4	832.3	752.4	79.92	10.413					
9,800.0	7,220.0	7,327.2	7,271.1	77.9	21.5	127.69	-83.3	1,744.6	931.9	852.0	79.90	11.664					

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 48-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
7,150.0	7,058.9	7,081.6	7,014.0	16.0	21.7	-27.99	303.9	994.5	997.2	970.2	27.00	36.931		
7,200.0	7,089.1	7,113.5	7,045.7	16.3	21.7	-31.33	307.2	994.8	961.3	934.7	26.64	36.088		
7,250.0	7,116.5	7,143.7	7,075.7	16.7	21.8	-35.36	310.3	995.1	923.6	896.9	26.70	34.588		
7,300.0	7,140.9	7,170.6	7,102.6	17.2	21.9	-40.12	312.8	995.3	884.3	857.0	27.31	32.387		
7,350.0	7,162.1	7,194.2	7,126.1	17.8	21.9	-45.67	314.9	995.5	843.9	815.4	28.50	29.610		
7,400.0	7,180.2	7,214.3	7,146.1	18.5	22.0	-52.00	316.6	995.7	802.4	772.2	30.23	26.546		
7,450.0	7,195.0	7,228.0	7,159.7	19.2	22.0	-58.62	317.7	995.8	760.4	728.2	32.22	23.597		
7,500.0	7,206.4	7,241.5	7,173.2	20.0	22.1	-65.99	318.8	995.9	718.1	683.7	34.40	20.874		
7,550.0	7,214.4	7,249.5	7,181.1	20.9	22.1	-73.04	319.5	996.0	675.8	639.5	36.33	18.601		
7,600.0	7,218.9	7,254.2	7,185.8	21.8	22.1	-79.67	319.8	996.0	634.1	596.2	37.93	16.717		
7,639.9	7,220.0	7,255.6	7,187.3	22.6	22.1	-84.42	320.0	996.1	601.4	562.5	38.94	15.444		
7,700.0	7,220.0	7,256.2	7,187.9	23.8	22.1	-84.52	320.0	996.1	553.8	513.7	40.14	13.796		
7,800.0	7,220.0	7,257.2	7,188.8	25.9	22.1	-84.68	320.1	996.1	480.8	438.6	42.26	11.379		
7,900.0	7,220.0	7,258.2	7,189.8	28.1	22.1	-84.84	320.2	996.1	419.1	374.7	44.49	9.421		
8,000.0	7,220.0	7,259.2	7,190.8	30.4	22.1	-85.00	320.3	996.1	374.4	327.6	46.82	7.996		
8,100.0	7,220.0	7,260.2	7,191.8	32.9	22.1	-85.16	320.3	996.1	353.1	303.9	49.23	7.173		
8,127.5	7,220.0	7,260.5	7,192.1	33.5	22.1	-85.21	320.4	996.1	352.0	302.1	49.90	7.054 CC, ES		
8,200.0	7,220.0	7,261.2	7,192.8	35.3	22.1	-85.33	320.4	996.1	359.4	307.7	51.69	6.953 SF		
8,300.0	7,220.0	7,262.2	7,193.9	37.8	22.1	-85.50	320.5	996.1	392.0	337.8	54.20	7.231		
8,400.0	7,220.0	7,263.3	7,194.9	40.4	22.1	-85.66	320.6	996.1	445.1	388.4	56.76	7.843		
8,500.0	7,220.0	7,264.3	7,195.9	43.0	22.1	-85.83	320.7	996.1	512.5	453.1	59.34	8.636		
8,600.0	7,220.0	7,265.4	7,197.0	45.6	22.1	-86.00	320.8	996.2	589.1	527.2	61.95	9.510		
8,700.0	7,220.0	7,266.4	7,198.0	48.2	22.1	-86.18	320.9	996.2	672.0	607.4	64.59	10.404		
8,800.0	7,220.0	7,267.5	7,199.1	50.9	22.1	-86.35	321.0	996.2	759.0	691.7	67.24	11.288		
8,900.0	7,220.0	7,268.6	7,200.1	53.5	22.1	-86.52	321.0	996.2	848.8	778.9	69.91	12.142		
9,000.0	7,220.0	7,269.6	7,201.2	56.2	22.1	-86.70	321.1	996.2	940.7	868.1	72.59	12.959		

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	19.7	0.0	19.7	19.7	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	0.00	19.7	0.0	19.7	19.5	0.22	87.543		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	19.7	0.0	19.7	19.0	0.67	29.181		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	19.7	0.0	19.7	18.6	1.12	17.509		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	19.7	0.0	19.7	18.1	1.57	12.506		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	19.7	0.0	19.7	17.7	2.02	9.727		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	19.7	0.0	19.7	17.2	2.47	7.958		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	19.7	0.0	19.7	16.8	2.92	6.734		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	19.7	0.0	19.7	16.3	3.37	5.836		
900.0	900.0	900.0	900.0	1.9	1.9	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	19.7	0.0	19.7	12.7	6.97	2.824 CC		
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	105.96	19.7	0.0	20.0	12.6	7.40	2.702 ES, SF		
1,800.0	1,799.9	1,799.9	1,799.9	3.9	3.9	116.09	19.7	0.0	21.4	13.6	7.82	2.738		
1,900.0	1,899.7	1,899.7	1,899.7	4.1	4.2	129.62	19.7	0.0	25.0	16.8	8.24	3.033		
2,000.0	1,999.3	1,999.3	1,999.3	4.3	4.4	142.42	19.7	0.0	31.6	23.0	8.65	3.655		
2,035.9	2,034.9	2,034.9	2,034.9	4.4	4.5	146.32	19.7	0.0	34.8	26.0	8.80	3.956		
2,100.0	2,098.6	2,098.6	2,098.6	4.5	4.6	151.96	19.7	0.0	41.1	32.0	9.07	4.531		
2,200.0	2,198.0	2,198.0	2,198.0	4.8	4.8	157.93	19.7	0.0	51.4	42.0	9.50	5.417		
2,300.0	2,297.3	2,297.3	2,297.3	5.0	5.1	161.87	19.7	0.0	62.2	52.2	9.93	6.262		
2,400.0	2,396.7	2,396.7	2,396.7	5.3	5.3	164.65	19.7	0.0	73.1	62.7	10.36	7.054		
2,500.0	2,496.0	2,498.2	2,498.2	5.5	5.5	166.71	19.2	-1.2	82.9	72.1	10.78	7.690		
2,600.0	2,595.4	2,600.2	2,600.1	5.8	5.7	168.30	17.6	-4.8	90.1	78.9	11.18	8.060		
2,700.0	2,694.7	2,702.5	2,702.2	6.1	5.9	169.68	15.0	-11.0	94.7	83.1	11.59	8.174		
2,800.0	2,794.1	2,805.1	2,804.3	6.3	6.1	170.98	11.2	-19.7	96.7	84.7	12.00	8.058		
2,900.0	2,893.4	2,905.3	2,903.9	6.6	6.3	172.24	7.0	-29.7	97.2	84.8	12.42	7.828		
3,000.0	2,992.8	3,005.2	3,003.3	6.9	6.5	173.49	2.7	-39.6	97.7	84.9	12.84	7.615		
3,100.0	3,092.1	3,105.2	3,102.7	7.2	6.7	174.72	-1.5	-49.5	98.3	85.1	13.26	7.416		
3,200.0	3,191.5	3,205.2	3,202.1	7.5	7.0	175.94	-5.8	-59.4	98.9	85.3	13.68	7.230		
3,300.0	3,290.8	3,305.2	3,301.5	7.8	7.2	177.14	-10.0	-69.3	99.6	85.5	14.11	7.057		
3,400.0	3,390.2	3,405.1	3,400.9	8.1	7.5	178.33	-14.3	-79.2	100.3	85.8	14.55	6.895		
3,484.2	3,473.8	3,489.3	3,484.5	8.3	7.7	179.31	-17.9	-87.6	100.9	86.0	14.92	6.767		
3,500.0	3,489.5	3,504.8	3,499.9	8.3	7.7	179.49	-18.5	-89.1	101.0	86.0	14.99	6.741		
3,600.0	3,589.1	3,600.0	3,594.8	8.6	7.9	-179.61	-21.8	-96.8	101.5	86.1	15.41	6.586		
3,700.0	3,689.0	3,698.1	3,692.7	8.8	8.1	-179.04	-23.9	-101.8	101.8	86.0	15.82	6.434		
3,800.0	3,788.9	3,794.7	3,789.3	9.0	8.3	-178.83	-24.7	-103.6	101.9	85.7	16.19	6.294		
3,811.1	3,800.0	3,805.4	3,800.0	9.0	8.3	78.87	-24.7	-103.6	101.9	84.6	17.31	5.889		
3,900.0	3,888.9	3,894.3	3,888.9	9.1	8.5	78.87	-24.7	-103.6	101.9	84.3	17.65	5.775		
4,000.0	3,988.9	3,994.3	3,988.9	9.3	8.7	78.87	-24.7	-103.6	101.9	83.9	18.06	5.644		
4,100.0	4,088.9	4,094.3	4,088.9	9.5	8.9	78.87	-24.7	-103.6	101.9	83.4	18.47	5.518		
4,200.0	4,188.9	4,194.3	4,188.9	9.7	9.2	78.87	-24.7	-103.6	101.9	83.0	18.89	5.396		
4,300.0	4,288.9	4,294.3	4,288.9	9.9	9.4	78.87	-24.7	-103.6	101.9	82.6	19.30	5.280		
4,400.0	4,388.9	4,394.3	4,388.9	10.1	9.6	78.87	-24.7	-103.6	101.9	82.2	19.72	5.168		
4,500.0	4,488.9	4,494.3	4,488.9	10.3	9.8	78.87	-24.7	-103.6	101.9	81.8	20.14	5.060		
4,600.0	4,588.9	4,594.3	4,588.9	10.5	10.0	78.87	-24.7	-103.6	101.9	81.4	20.56	4.957		
4,700.0	4,688.9	4,694.3	4,688.9	10.7	10.2	78.87	-24.7	-103.6	101.9	80.9	20.98	4.857		
4,800.0	4,788.9	4,794.3	4,788.9	10.9	10.5	78.87	-24.7	-103.6	101.9	80.5	21.41	4.761		

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

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,888.9	4,894.3	4,888.9	11.2	10.7	78.87	-24.7	-103.6	101.9	80.1	21.83	4.669		
5,000.0	4,988.9	4,994.3	4,988.9	11.4	10.9	78.87	-24.7	-103.6	101.9	79.7	22.25	4.580		
5,100.0	5,088.9	5,094.3	5,088.9	11.6	11.1	78.87	-24.7	-103.6	101.9	79.2	22.68	4.494		
5,200.0	5,188.9	5,194.3	5,188.9	11.8	11.3	78.87	-24.7	-103.6	101.9	78.8	23.11	4.411		
5,300.0	5,288.9	5,294.3	5,288.9	12.0	11.6	78.87	-24.7	-103.6	101.9	78.4	23.53	4.331		
5,400.0	5,388.9	5,394.3	5,388.9	12.2	11.8	78.87	-24.7	-103.6	101.9	78.0	23.96	4.253		
5,500.0	5,488.9	5,494.3	5,488.9	12.4	12.0	78.87	-24.7	-103.6	101.9	77.5	24.39	4.178		
5,600.0	5,588.9	5,594.3	5,588.9	12.6	12.2	78.87	-24.7	-103.6	101.9	77.1	24.82	4.106		
5,700.0	5,688.9	5,694.3	5,688.9	12.8	12.4	78.87	-24.7	-103.6	101.9	76.7	25.25	4.036		
5,800.0	5,788.9	5,794.3	5,788.9	13.0	12.7	78.87	-24.7	-103.6	101.9	76.2	25.68	3.968		
5,900.0	5,888.9	5,894.3	5,888.9	13.2	12.9	78.87	-24.7	-103.6	101.9	75.8	26.12	3.903		
6,000.0	5,988.9	5,994.3	5,988.9	13.5	13.1	78.87	-24.7	-103.6	101.9	75.4	26.55	3.839		
6,100.0	6,088.9	6,094.3	6,088.9	13.7	13.3	78.87	-24.7	-103.6	101.9	74.9	26.98	3.777		
6,164.9	6,153.8	6,159.2	6,153.8	13.8	13.5	78.87	-24.7	-103.6	101.9	74.7	27.26	3.739		
6,200.0	6,188.9	6,193.7	6,188.9	13.9	13.5	78.87	-24.7	-103.6	101.9	74.5	27.41	3.719		
6,300.0	6,288.9	6,289.9	6,275.3	14.1	13.7	79.43	-24.7	-97.7	108.6	80.8	27.78	3.907		
6,400.0	6,388.9	6,365.5	6,358.3	14.3	13.8	80.69	-24.5	-82.0	127.0	98.8	28.14	4.511		
6,500.0	6,488.9	6,445.4	6,434.5	14.5	14.0	82.08	-24.2	-58.3	156.5	128.0	28.49	5.493		
6,514.9	6,503.8	6,456.7	6,445.2	14.6	14.0	82.27	-24.1	-54.2	161.8	133.2	28.54	5.668		
6,550.0	6,538.9	6,483.3	6,469.7	14.6	14.0	-6.52	-24.0	-44.1	174.3	146.4	27.94	6.239		
6,600.0	6,588.7	6,520.7	6,503.6	14.7	14.1	-5.90	-23.8	-28.2	191.5	163.6	27.90	6.864		
6,650.0	6,638.1	6,557.7	6,536.2	14.8	14.2	-5.40	-23.6	-10.9	207.9	180.1	27.72	7.498		
6,700.0	6,686.9	6,600.0	6,572.4	14.8	14.3	-4.95	-23.4	11.0	223.5	196.0	27.42	8.149		
6,750.0	6,734.7	6,630.4	6,597.6	14.9	14.4	-4.66	-23.1	28.1	238.0	211.0	26.97	8.823		
6,800.0	6,781.5	6,666.3	6,626.4	14.9	14.5	-4.39	-22.9	49.5	251.7	225.3	26.40	9.532		
6,850.0	6,826.8	6,700.0	6,652.4	15.0	14.7	-4.16	-22.6	71.0	264.4	238.7	25.70	10.288		
6,900.0	6,870.6	6,737.1	6,679.8	15.1	14.9	-3.96	-22.3	96.0	276.1	251.2	24.89	11.095		
6,950.0	6,912.6	6,772.2	6,704.5	15.2	15.1	-3.79	-22.0	120.9	286.9	262.9	23.95	11.976		
7,000.0	6,952.7	6,800.0	6,723.2	15.3	15.2	-3.67	-21.8	141.4	296.7	273.8	22.91	12.951		
7,050.0	6,990.5	6,841.8	6,749.7	15.5	15.5	-3.54	-21.4	173.7	305.2	283.5	21.79	14.008		
7,100.0	7,026.0	6,876.3	6,770.2	15.7	15.8	-3.45	-21.1	201.4	312.9	292.3	20.58	15.204		
7,150.0	7,058.9	6,910.7	6,789.3	16.0	16.2	-3.37	-20.7	230.1	319.4	300.1	19.29	16.555		
7,200.0	7,089.1	6,950.0	6,809.4	16.3	16.6	-3.30	-20.3	263.9	324.9	307.0	17.97	18.083		
7,250.0	7,116.5	6,979.2	6,823.1	16.7	16.9	-3.25	-20.0	289.6	329.2	312.7	16.58	19.853		
7,300.0	7,140.9	7,013.3	6,837.7	17.2	17.4	-3.22	-19.6	320.5	332.5	317.3	15.20	21.870		
7,350.0	7,162.1	7,050.0	6,851.8	17.8	17.9	-3.20	-19.2	354.3	334.7	320.8	13.86	24.149		
7,400.0	7,180.2	7,081.5	6,862.5	18.5	18.4	-3.19	-18.9	383.9	335.7	323.2	12.57	26.713		
7,450.0	7,195.0	7,115.5	6,872.6	19.2	18.9	-3.19	-18.5	416.4	335.7	324.3	11.41	29.409		
7,500.0	7,206.4	7,150.0	6,881.3	20.0	19.5	-3.21	-18.1	449.8	334.5	324.0	10.46	31.966		
7,550.0	7,214.4	7,183.7	6,888.1	20.9	20.1	-3.23	-17.7	482.8	332.2	322.4	9.80	33.893		
7,600.0	7,218.9	7,217.9	6,893.5	21.8	20.7	-3.27	-17.3	516.5	328.9	319.3	9.51	34.585		
7,639.9	7,220.0	7,250.0	6,897.1	22.6	21.4	-3.32	-16.9	548.4	325.4	315.8	9.60	33.900		
7,700.0	7,220.0	7,286.5	6,899.5	23.8	22.1	-3.35	-16.5	584.8	321.3	311.1	10.23	31.413		
7,750.0	7,220.0	7,324.1	6,900.0	24.8	22.9	-3.35	-16.0	622.5	320.5	309.7	10.81	29.651		
7,800.0	7,220.0	7,374.1	6,900.0	25.9	23.9	-3.36	-15.4	672.4	320.5	309.1	11.48	27.924		
7,900.0	7,220.0	7,474.1	6,900.0	28.1	26.1	-3.36	-14.2	772.4	320.6	307.7	12.85	24.949		
8,000.0	7,220.0	7,574.1	6,900.0	30.4	28.4	-3.37	-13.0	872.4	320.6	306.3	14.24	22.503		
8,100.0	7,220.0	7,674.1	6,900.0	32.9	30.8	-3.37	-11.8	972.4	320.6	304.9	15.66	20.468		
8,200.0	7,220.0	7,774.1	6,900.0	35.3	33.3	-3.38	-10.7	1,072.4	320.6	303.5	17.09	18.753		
8,300.0	7,220.0	7,874.1	6,900.0	37.8	35.8	-3.38	-9.5	1,172.4	320.6	302.0	18.54	17.293		
8,400.0	7,220.0	7,974.1	6,900.0	40.4	38.3	-3.39	-8.3	1,272.4	320.6	300.6	19.99	16.036		
8,500.0	7,220.0	8,074.1	6,900.0	43.0	40.9	-3.40	-7.1	1,372.4	320.6	299.1	21.45	14.944		

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

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (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		
8,600.0	7,220.0	8,174.1	6,900.0	45.6	43.5	-3.40	-5.9	1,472.4	320.6	297.6	22.92	13.988		
8,700.0	7,220.0	8,274.1	6,900.0	48.2	46.1	-3.41	-4.7	1,572.4	320.6	296.2	24.39	13.144		
8,800.0	7,220.0	8,374.1	6,900.0	50.9	48.8	-3.41	-3.5	1,672.4	320.6	294.7	25.86	12.394		
8,900.0	7,220.0	8,474.1	6,900.0	53.5	51.4	-3.42	-2.3	1,772.4	320.6	293.2	27.34	11.724		
9,000.0	7,220.0	8,574.1	6,900.0	56.2	54.1	-3.43	-1.1	1,872.4	320.6	291.7	28.83	11.121		
9,100.0	7,220.0	8,674.1	6,900.0	58.9	56.8	-3.43	0.1	1,972.3	320.6	290.3	30.31	10.576		
9,200.0	7,220.0	8,774.1	6,900.0	61.6	59.5	-3.44	1.3	2,072.3	320.6	288.8	31.80	10.082		
9,300.0	7,220.0	8,874.1	6,900.0	64.3	62.2	-3.44	2.5	2,172.3	320.6	287.3	33.29	9.631		
9,400.0	7,220.0	8,974.1	6,900.0	67.0	64.9	-3.45	3.7	2,272.3	320.6	285.8	34.78	9.218		
9,500.0	7,220.0	9,074.1	6,900.0	69.7	67.7	-3.45	4.9	2,372.3	320.6	284.3	36.27	8.838		
9,600.0	7,220.0	9,174.1	6,900.0	72.5	70.4	-3.46	6.1	2,472.3	320.6	282.8	37.77	8.489		
9,700.0	7,220.0	9,274.1	6,900.0	75.2	73.1	-3.47	7.3	2,572.3	320.6	281.3	39.26	8.165		
9,800.0	7,220.0	9,374.1	6,900.0	77.9	75.9	-3.47	8.5	2,672.3	320.6	279.8	40.76	7.866		
9,900.0	7,220.0	9,474.1	6,900.0	80.7	78.6	-3.48	9.7	2,772.3	320.6	278.3	42.26	7.587		
10,000.0	7,220.0	9,574.1	6,900.0	83.4	81.4	-3.48	10.9	2,872.3	320.6	276.8	43.75	7.327		
10,100.0	7,220.0	9,674.1	6,900.0	86.2	84.1	-3.49	12.1	2,972.3	320.6	275.3	45.25	7.084		
10,200.0	7,220.0	9,774.1	6,900.0	89.0	86.9	-3.49	13.3	3,072.3	320.6	273.8	46.75	6.857		
10,300.0	7,220.0	9,874.1	6,900.0	91.7	89.7	-3.50	14.5	3,172.3	320.6	272.3	48.26	6.644		
10,400.0	7,220.0	9,974.1	6,900.0	94.5	92.4	-3.51	15.7	3,272.3	320.6	270.8	49.76	6.443		
10,500.0	7,220.0	10,074.1	6,900.0	97.2	95.2	-3.51	16.9	3,372.2	320.6	269.3	51.26	6.254		
10,600.0	7,220.0	10,174.1	6,900.0	100.0	98.0	-3.52	18.1	3,472.2	320.6	267.8	52.76	6.076		
10,700.0	7,220.0	10,274.1	6,900.0	102.8	100.7	-3.52	19.3	3,572.2	320.6	266.3	54.27	5.908		
10,800.0	7,220.0	10,374.1	6,900.0	105.5	103.5	-3.53	20.5	3,672.2	320.6	264.8	55.77	5.748		
10,900.0	7,220.0	10,474.1	6,900.0	108.3	106.3	-3.54	21.7	3,772.2	320.6	263.3	57.28	5.597		
11,000.0	7,220.0	10,574.1	6,900.0	111.1	109.0	-3.54	22.9	3,872.2	320.6	261.8	58.79	5.454		
11,100.0	7,220.0	10,674.1	6,900.0	113.9	111.8	-3.55	24.0	3,972.2	320.6	260.3	60.29	5.318		
11,200.0	7,220.0	10,774.1	6,900.0	116.6	114.6	-3.55	25.2	4,072.2	320.6	258.8	61.80	5.188		
11,300.0	7,220.0	10,874.1	6,900.0	119.4	117.4	-3.56	26.4	4,172.2	320.6	257.3	63.31	5.065		
11,400.0	7,220.0	10,974.1	6,900.0	122.2	120.2	-3.56	27.6	4,272.2	320.6	255.8	64.81	4.947		
11,500.0	7,220.0	11,074.1	6,900.0	125.0	122.9	-3.57	28.8	4,372.2	320.6	254.3	66.32	4.834		
11,600.0	7,220.0	11,174.1	6,900.0	127.8	125.7	-3.58	30.0	4,472.2	320.6	252.8	67.83	4.727		
11,700.0	7,220.0	11,274.1	6,900.0	130.5	127.8	-3.58	31.2	4,572.2	320.6	251.6	69.07	4.642		
11,714.6	7,220.0	11,288.7	6,900.0	131.0	128.0	-3.58	31.4	4,586.8	320.6	251.4	69.24	4.631		

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			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	180.00	-20.0	0.0	20.0						
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-20.0	0.0	20.0	19.8	0.22	89.146			
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-20.0	0.0	20.0	19.4	0.67	29.715			
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-20.0	0.0	20.0	18.9	1.12	17.829			
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-20.0	0.0	20.0	18.5	1.57	12.735			
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-20.0	0.0	20.0	18.0	2.02	9.905			
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-20.0	0.0	20.0	17.6	2.47	8.104			
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-20.0	0.0	20.0	17.1	2.92	6.857			
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-20.0	0.0	20.0	16.7	3.37	5.943			
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-20.0	0.0	20.0	16.2	3.82	5.244			
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-20.0	0.0	20.0	15.8	4.27	4.692			
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-20.0	0.0	20.0	15.3	4.72	4.245			
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-20.0	0.0	20.0	14.9	5.17	3.876			
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	180.00	-20.0	0.0	20.0	14.4	5.62	3.566			
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	180.00	-20.0	0.0	20.0	14.0	6.07	3.302	CC, ES		
1,500.0	1,500.0	1,499.5	1,499.5	3.3	3.2	-178.07	-21.1	-0.7	21.1	14.6	6.49	3.257			
1,600.0	1,600.0	1,598.9	1,598.9	3.5	3.4	-173.33	-24.4	-2.8	24.6	17.7	6.89	3.564			
1,700.0	1,700.0	1,698.1	1,697.8	3.7	3.6	-67.75	-29.7	-6.4	30.0	22.7	7.29	4.116			
1,800.0	1,799.9	1,797.1	1,796.4	3.9	3.8	-67.68	-37.3	-11.3	36.8	29.2	7.67	4.804			
1,900.0	1,899.7	1,896.4	1,895.1	4.1	4.0	-69.63	-46.5	-17.4	44.7	36.6	8.07	5.533			
2,000.0	1,999.3	1,996.1	1,994.1	4.3	4.2	-73.62	-56.0	-23.7	51.9	43.4	8.49	6.110			
2,035.9	2,034.9	2,031.9	2,029.7	4.4	4.3	-75.43	-59.4	-25.9	54.4	45.7	8.65	6.286			
2,100.0	2,098.6	2,095.8	2,093.1	4.5	4.5	-78.63	-65.5	-29.9	58.9	49.9	8.94	6.585			
2,200.0	2,198.0	2,195.4	2,192.1	4.8	4.7	-82.73	-74.9	-36.1	66.2	56.8	9.41	7.036			
2,300.0	2,297.3	2,295.0	2,291.1	5.0	5.0	-86.01	-84.4	-42.4	73.8	63.9	9.89	7.459			
2,400.0	2,396.7	2,394.7	2,390.1	5.3	5.2	-88.66	-93.8	-48.6	81.6	71.2	10.39	7.851			
2,500.0	2,496.0	2,494.3	2,489.1	5.5	5.5	-90.85	-103.3	-54.8	89.5	78.6	10.90	8.211			
2,600.0	2,595.4	2,593.9	2,588.1	5.8	5.8	-92.68	-112.7	-61.0	97.6	86.1	11.42	8.540			
2,700.0	2,694.7	2,693.6	2,687.1	6.1	6.0	-94.23	-122.2	-67.3	105.7	93.7	11.95	8.842			
2,800.0	2,794.1	2,793.2	2,786.0	6.3	6.3	-95.56	-131.6	-73.5	113.9	101.4	12.49	9.117			
2,900.0	2,893.4	2,892.8	2,885.0	6.6	6.6	-96.71	-141.1	-79.7	122.1	109.1	13.03	9.369			
3,000.0	2,992.8	2,992.4	2,984.0	6.9	6.9	-97.72	-150.6	-86.0	130.4	116.8	13.58	9.600			
3,100.0	3,092.1	3,092.1	3,083.0	7.2	7.2	-98.60	-160.0	-92.2	138.7	124.6	14.14	9.811			
3,200.0	3,191.5	3,191.7	3,182.0	7.5	7.5	-99.38	-169.5	-98.4	147.1	132.4	14.70	10.006			
3,300.0	3,290.8	3,291.3	3,281.0	7.8	7.8	-100.08	-178.9	-104.6	155.5	140.2	15.26	10.185			
3,400.0	3,390.2	3,391.0	3,380.0	8.1	8.1	-100.71	-188.4	-110.9	163.9	148.0	15.83	10.351			
3,484.2	3,473.8	3,474.8	3,463.3	8.3	8.3	-101.19	-196.3	-116.1	170.9	154.6	16.31	10.480			
3,500.0	3,489.5	3,490.6	3,478.9	8.3	8.3	-101.29	-197.8	-117.1	172.3	155.9	16.40	10.506			
3,600.0	3,589.1	3,590.3	3,578.0	8.6	8.6	-101.24	-207.3	-123.3	180.2	163.3	16.89	10.668			
3,700.0	3,689.0	3,689.9	3,677.0	8.8	8.9	-100.16	-216.8	-129.5	187.6	170.2	17.36	10.803			
3,800.0	3,788.9	3,789.4	3,775.8	9.0	9.2	-98.14	-226.2	-135.8	194.5	176.7	17.80	10.928			
3,811.1	3,800.0	3,800.4	3,786.8	9.0	9.3	159.83	-227.2	-136.4	195.2	178.5	16.69	11.695			
3,900.0	3,888.9	3,888.8	3,874.5	9.1	9.5	162.14	-235.6	-142.0	201.4	184.3	17.14	11.750			
4,000.0	3,988.9	3,988.1	3,973.2	9.3	9.8	164.56	-245.1	-148.2	208.8	191.1	17.67	11.817			
4,100.0	4,088.9	4,087.5	4,072.0	9.5	10.1	166.82	-254.5	-154.4	216.4	198.2	18.20	11.895			
4,200.0	4,188.9	4,186.8	4,170.7	9.7	10.4	168.92	-263.9	-160.6	224.4	205.7	18.73	11.982			
4,300.0	4,288.9	4,286.2	4,269.4	9.9	10.7	170.87	-273.3	-166.8	232.7	213.4	19.27	12.076			
4,400.0	4,388.9	4,385.5	4,368.1	10.1	11.0	172.69	-282.8	-173.0	241.2	221.4	19.81	12.176			
4,500.0	4,488.9	4,484.9	4,466.8	10.3	11.4	174.38	-292.2	-179.2	250.0	229.6	20.35	12.281			
4,600.0	4,588.9	4,584.2	4,565.5	10.5	11.7	175.96	-301.6	-185.4	258.9	238.0	20.90	12.389			
4,700.0	4,688.9	4,683.6	4,664.2	10.7	12.0	177.43	-311.1	-191.6	268.1	246.6	21.45	12.500			
4,800.0	4,788.9	4,790.6	4,770.7	10.9	12.2	178.72	-319.9	-197.4	276.1	254.2	21.95	12.582			

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

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,888.9	4,899.2	4,879.1	11.2	12.4	179.49	-325.4	-201.1	281.2	258.8	22.41	12.550		
5,000.0	4,988.9	5,008.1	4,987.9	11.4	12.6	179.77	-327.5	-202.5	283.1	260.3	22.83	12.403		
5,100.0	5,088.9	5,109.1	5,088.9	11.6	12.8	179.78	-327.5	-202.5	283.1	259.9	23.22	12.192		
5,200.0	5,188.9	5,209.1	5,188.9	11.8	13.0	179.78	-327.5	-202.5	283.1	259.5	23.61	11.992		
5,300.0	5,288.9	5,309.1	5,288.9	12.0	13.1	179.78	-327.5	-202.5	283.1	259.1	24.00	11.797		
5,400.0	5,388.9	5,409.1	5,388.9	12.2	13.3	179.78	-327.5	-202.5	283.1	258.7	24.39	11.607		
5,500.0	5,488.9	5,509.1	5,488.9	12.4	13.5	179.78	-327.5	-202.5	283.1	258.4	24.79	11.422		
5,600.0	5,588.9	5,609.1	5,588.9	12.6	13.6	179.78	-327.5	-202.5	283.1	258.0	25.18	11.243		
5,700.0	5,688.9	5,709.1	5,688.9	12.8	13.8	179.78	-327.5	-202.5	283.1	257.6	25.58	11.068		
5,800.0	5,788.9	5,809.1	5,788.9	13.0	14.0	179.78	-327.5	-202.5	283.1	257.2	25.98	10.898		
5,900.0	5,888.9	5,909.1	5,888.9	13.2	14.2	179.78	-327.5	-202.5	283.1	256.8	26.38	10.733		
6,000.0	5,988.9	6,009.1	5,988.9	13.5	14.4	179.78	-327.5	-202.5	283.1	256.4	26.78	10.571		
6,100.0	6,088.9	6,109.1	6,088.9	13.7	14.5	179.78	-327.5	-202.5	283.1	256.0	27.19	10.414		
6,200.0	6,188.9	6,209.1	6,188.9	13.9	14.7	179.77	-327.5	-202.5	283.1	255.5	27.59	10.262		
6,251.2	6,240.2	6,260.4	6,240.2	14.0	14.8	179.33	-327.5	-200.3	283.1	255.3	27.78	10.191		
6,300.0	6,288.9	6,308.7	6,288.1	14.1	14.9	178.23	-327.4	-194.9	283.2	255.2	27.94	10.134		
6,400.0	6,388.9	6,404.3	6,381.6	14.3	15.0	174.16	-327.2	-174.7	284.4	256.2	28.22	10.076		
6,500.0	6,488.9	6,493.2	6,465.3	14.5	15.0	168.26	-326.9	-144.9	289.5	261.0	28.46	10.171		
6,514.9	6,503.8	6,505.7	6,476.7	14.6	15.0	167.28	-326.8	-139.9	290.8	262.3	28.49	10.204		
6,550.0	6,538.9	6,534.9	6,503.1	14.6	15.0	75.41	-326.7	-127.4	294.3	265.4	28.98	10.156		
6,600.0	6,588.7	6,575.6	6,539.0	14.7	15.1	71.94	-326.4	-108.2	300.3	271.2	29.14	10.307		
6,650.0	6,638.1	6,615.7	6,573.2	14.8	15.1	68.66	-326.2	-87.4	307.3	278.0	29.25	10.504		
6,700.0	6,686.9	6,655.1	6,605.7	14.8	15.1	65.59	-325.9	-65.1	314.9	285.6	29.30	10.747		
6,750.0	6,734.7	6,693.8	6,636.4	14.9	15.1	62.73	-325.6	-41.4	323.1	293.8	29.29	11.032		
6,800.0	6,781.5	6,732.1	6,665.3	14.9	15.1	60.09	-325.4	-16.5	331.6	302.4	29.20	11.356		
6,850.0	6,826.8	6,769.8	6,692.6	15.0	15.1	57.66	-325.0	9.6	340.4	311.3	29.05	11.717		
6,900.0	6,870.6	6,807.2	6,718.2	15.1	15.2	55.45	-324.7	36.8	349.2	320.3	28.83	12.111		
6,950.0	6,912.6	6,844.1	6,742.0	15.2	15.2	53.43	-324.4	65.0	357.9	329.3	28.56	12.530		
7,000.0	6,952.7	6,880.6	6,764.2	15.3	15.2	51.61	-324.1	94.1	366.4	338.1	28.26	12.964		
7,050.0	6,990.5	6,916.9	6,784.7	15.5	15.5	49.97	-323.7	124.0	374.6	346.7	27.93	13.412		
7,100.0	7,026.0	6,950.0	6,802.1	15.7	15.8	48.57	-323.4	152.1	382.5	354.9	27.59	13.864		
7,150.0	7,058.9	6,988.6	6,820.6	16.0	16.2	47.20	-323.0	186.0	389.8	362.5	27.29	14.284		
7,200.0	7,089.1	7,024.1	6,836.1	16.3	16.6	46.05	-322.6	217.9	396.7	369.6	27.04	14.667		
7,250.0	7,116.5	7,059.4	6,849.8	16.7	17.1	45.04	-322.2	250.4	402.9	376.0	26.87	14.993		
7,300.0	7,140.9	7,100.0	6,863.7	17.2	17.7	44.09	-321.8	288.6	408.6	381.7	26.84	15.224		
7,350.0	7,162.1	7,129.5	6,872.4	17.8	18.1	43.44	-321.4	316.7	413.5	386.6	26.90	15.372		
7,400.0	7,180.2	7,164.3	6,881.2	18.5	18.7	42.82	-321.0	350.5	417.7	390.6	27.13	15.394		
7,450.0	7,195.0	7,200.0	6,888.4	19.2	19.3	42.32	-320.6	385.4	421.2	393.6	27.55	15.287		
7,500.0	7,206.4	7,233.7	6,893.7	20.0	19.9	41.96	-320.2	418.7	423.9	395.7	28.15	15.060		
7,550.0	7,214.4	7,268.4	6,897.4	20.9	20.6	41.69	-319.8	453.1	425.8	396.9	28.93	14.716		
7,600.0	7,218.9	7,300.0	6,899.4	21.8	21.2	41.54	-319.5	484.7	426.9	397.1	29.87	14.293		
7,639.9	7,220.0	7,331.2	6,900.0	22.6	21.8	41.50	-319.1	515.9	427.2	396.4	30.82	13.860		
7,700.0	7,220.0	7,391.3	6,900.0	23.8	23.0	41.49	-318.4	576.0	427.2	394.7	32.53	13.133		
7,800.0	7,220.0	7,491.3	6,900.0	25.9	25.2	41.49	-317.2	676.0	427.2	391.7	35.52	12.027		
7,900.0	7,220.0	7,591.3	6,900.0	28.1	27.5	41.49	-316.1	776.0	427.2	388.5	38.67	11.048		
8,000.0	7,220.0	7,691.3	6,900.0	30.4	29.9	41.49	-314.9	876.0	427.2	385.3	41.93	10.187		
8,100.0	7,220.0	7,791.3	6,900.0	32.9	32.3	41.49	-313.7	976.0	427.2	381.9	45.30	9.431		
8,200.0	7,220.0	7,891.3	6,900.0	35.3	34.8	41.49	-312.5	1,076.0	427.2	378.5	48.73	8.766		
8,300.0	7,220.0	7,991.3	6,900.0	37.8	37.3	41.49	-311.4	1,175.9	427.2	375.0	52.23	8.179		
8,400.0	7,220.0	8,091.3	6,900.0	40.4	39.9	41.49	-310.2	1,275.9	427.2	371.4	55.77	7.659		
8,500.0	7,220.0	8,191.3	6,900.0	43.0	42.5	41.49	-309.0	1,375.9	427.2	367.8	59.36	7.196		
8,600.0	7,220.0	8,291.3	6,900.0	45.6	45.1	41.49	-307.8	1,475.9	427.2	364.2	62.98	6.783		

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

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 43-2N-C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance			Minimum		Separation		Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Separation (ft)	Factor			
8,700.0	7,220.0	8,391.3	6,900.0	48.2	47.8	41.49	-306.7	1,575.9	427.2	360.5	66.63	6.411			
8,800.0	7,220.0	8,491.3	6,900.0	50.9	50.4	41.48	-305.5	1,675.9	427.2	356.9	70.30	6.077			
8,900.0	7,220.0	8,591.3	6,900.0	53.5	53.1	41.48	-304.3	1,775.9	427.2	353.2	73.99	5.773			
9,000.0	7,220.0	8,691.3	6,900.0	56.2	55.8	41.48	-303.2	1,875.9	427.1	349.5	77.69	5.498			
9,100.0	7,220.0	8,791.3	6,900.0	58.9	58.5	41.48	-302.0	1,975.9	427.1	345.7	81.41	5.247			
9,200.0	7,220.0	8,891.3	6,900.0	61.6	61.2	41.48	-300.8	2,075.9	427.1	342.0	85.15	5.016			
9,300.0	7,220.0	8,991.3	6,900.0	64.3	63.9	41.48	-299.6	2,175.9	427.1	338.2	88.89	4.805			
9,400.0	7,220.0	9,091.3	6,900.0	67.0	66.7	41.48	-298.5	2,275.9	427.1	334.5	92.65	4.610			
9,500.0	7,220.0	9,191.3	6,900.0	69.7	69.4	41.48	-297.3	2,375.9	427.1	330.7	96.41	4.430			
9,600.0	7,220.0	9,291.3	6,900.0	72.5	72.1	41.48	-296.1	2,475.9	427.1	326.9	100.18	4.263			
9,700.0	7,220.0	9,391.3	6,900.0	75.2	74.9	41.48	-294.9	2,575.9	427.1	323.1	103.96	4.108			
9,800.0	7,220.0	9,491.3	6,900.0	77.9	77.6	41.48	-293.8	2,675.8	427.1	319.4	107.75	3.964			
9,900.0	7,220.0	9,591.3	6,900.0	80.7	80.4	41.47	-292.6	2,775.8	427.1	315.6	111.54	3.829			
10,000.0	7,220.0	9,691.3	6,900.0	83.4	83.1	41.47	-291.4	2,875.8	427.1	311.8	115.33	3.703			
10,100.0	7,220.0	9,791.3	6,900.0	86.2	85.9	41.47	-290.2	2,975.8	427.1	308.0	119.13	3.585			
10,200.0	7,220.0	9,891.3	6,900.0	89.0	88.7	41.47	-289.1	3,075.8	427.1	304.1	122.93	3.474			
10,300.0	7,220.0	9,991.3	6,900.0	91.7	91.4	41.47	-287.9	3,175.8	427.1	300.3	126.74	3.370			
10,400.0	7,220.0	10,091.3	6,900.0	94.5	94.2	41.47	-286.7	3,275.8	427.1	296.5	130.55	3.271			
10,500.0	7,220.0	10,191.3	6,900.0	97.2	96.9	41.47	-285.6	3,375.8	427.1	292.7	134.36	3.178			
10,600.0	7,220.0	10,291.3	6,900.0	100.0	99.7	41.47	-284.4	3,475.8	427.1	288.9	138.18	3.091			
10,700.0	7,220.0	10,391.3	6,900.0	102.8	102.5	41.47	-283.2	3,575.8	427.0	285.0	142.00	3.007			
10,800.0	7,220.0	10,491.3	6,900.0	105.5	105.3	41.47	-282.0	3,675.8	427.0	281.2	145.82	2.929			
10,900.0	7,220.0	10,591.3	6,900.0	108.3	108.0	41.47	-280.9	3,775.8	427.0	277.4	149.64	2.854			
11,000.0	7,220.0	10,691.3	6,900.0	111.1	110.8	41.46	-279.7	3,875.8	427.0	273.6	153.46	2.783			
11,100.0	7,220.0	10,791.3	6,900.0	113.9	113.6	41.46	-278.5	3,975.8	427.0	269.7	157.29	2.715			
11,200.0	7,220.0	10,891.3	6,900.0	116.6	116.4	41.46	-277.3	4,075.7	427.0	265.9	161.12	2.650			
11,300.0	7,220.0	10,991.3	6,900.0	119.4	119.2	41.46	-276.2	4,175.7	427.0	262.1	164.95	2.589			
11,400.0	7,220.0	11,091.3	6,900.0	122.2	121.9	41.46	-275.0	4,275.7	427.0	258.2	168.78	2.530			
11,500.0	7,220.0	11,191.3	6,900.0	125.0	124.7	41.46	-273.8	4,375.7	427.0	254.4	172.61	2.474			
11,600.0	7,220.0	11,291.3	6,900.0	127.8	127.5	41.46	-272.7	4,475.7	427.0	250.5	176.44	2.420			
11,700.0	7,220.0	11,391.3	6,900.0	130.5	130.3	41.46	-271.5	4,575.7	427.0	246.7	180.28	2.368			
11,712.2	7,220.0	11,403.5	6,900.0	130.9	130.6	41.46	-271.3	4,587.9	427.0	246.2	180.75	2.362			
11,714.6	7,220.0	11,403.5	6,900.0	131.0	130.6	41.46	-271.3	4,587.9	427.0	246.2	180.79	2.362 SF			

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft		
Survey Program:		0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(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	-120.2	0.0	120.2								
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-120.2	0.0	120.2	120.0	0.22	534.893					
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-120.2	0.0	120.2	119.6	0.67	178.298					
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-120.2	0.0	120.2	119.1	1.12	106.979					
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-120.2	0.0	120.2	118.7	1.57	76.413	CC, ES				
500.0	500.0	497.0	496.9	1.0	1.0	-179.91	-121.4	-0.2	121.5	119.5	1.99	61.048					
600.0	600.0	593.8	593.7	1.2	1.2	-179.67	-125.1	-0.7	125.2	122.8	2.40	52.250					
700.0	700.0	690.4	690.1	1.5	1.4	-179.29	-131.1	-1.6	131.5	128.7	2.82	46.579					
800.0	800.0	786.6	785.9	1.7	1.6	-178.81	-139.6	-2.9	140.3	137.0	3.27	42.868					
900.0	900.0	882.3	881.0	1.9	1.8	-178.29	-150.3	-4.5	151.6	147.8	3.75	40.444					
1,000.0	1,000.0	977.4	975.2	2.1	2.1	-177.74	-163.3	-6.4	165.3	161.1	4.25	38.888					
1,100.0	1,100.0	1,071.9	1,068.4	2.4	2.4	-177.21	-178.5	-8.7	181.5	176.7	4.78	37.935					
1,200.0	1,200.0	1,165.4	1,160.3	2.6	2.8	-176.70	-195.8	-11.3	200.1	194.8	5.35	37.405					
1,300.0	1,300.0	1,258.1	1,250.9	2.8	3.1	-176.23	-215.2	-14.2	221.1	215.2	5.95	37.180					
1,400.0	1,400.0	1,349.7	1,340.0	3.0	3.6	-175.80	-236.4	-17.4	244.5	237.9	6.58	37.179					
1,500.0	1,500.0	1,443.5	1,430.7	3.3	4.0	-175.41	-260.0	-20.9	269.9	262.7	7.25	37.250					
1,600.0	1,600.0	1,540.1	1,524.0	3.5	4.5	-175.07	-284.6	-24.6	295.6	287.7	7.95	37.202					
1,700.0	1,700.0	1,636.9	1,617.5	3.7	5.0	-72.34	-309.3	-28.2	320.9	313.6	7.34	43.743					
1,800.0	1,799.9	1,733.8	1,711.1	3.9	5.5	-72.35	-333.9	-31.9	345.5	337.7	7.79	44.362					
1,900.0	1,899.7	1,830.8	1,804.9	4.1	6.0	-72.73	-358.7	-35.6	369.3	361.1	8.25	44.753					
2,000.0	1,999.3	1,927.8	1,898.7	4.3	6.5	-73.40	-383.4	-39.3	392.5	383.8	8.73	44.941					
2,035.9	2,034.9	1,962.7	1,932.3	4.4	6.7	-73.71	-392.2	-40.6	400.7	391.7	8.91	44.963					
2,100.0	2,098.6	2,024.9	1,992.4	4.5	7.0	-74.47	-408.1	-43.0	415.2	406.0	9.23	44.969					
2,200.0	2,198.0	2,121.9	2,086.2	4.8	7.5	-75.55	-432.8	-46.7	438.0	428.3	9.75	44.938					
2,300.0	2,297.3	2,219.0	2,180.0	5.0	8.0	-76.52	-457.5	-50.4	461.0	450.7	10.27	44.868					
2,400.0	2,396.7	2,316.0	2,273.7	5.3	8.5	-77.41	-482.2	-54.1	484.1	473.3	10.81	44.768					
2,500.0	2,496.0	2,413.1	2,367.5	5.5	9.0	-78.21	-506.9	-57.8	507.3	495.9	11.36	44.648					
2,600.0	2,595.4	2,510.1	2,461.3	5.8	9.6	-78.94	-531.6	-61.5	530.5	518.6	11.92	44.513					
2,700.0	2,694.7	2,607.1	2,555.1	6.1	10.1	-79.61	-556.3	-65.1	553.9	541.4	12.48	44.368					
2,800.0	2,794.1	2,704.2	2,648.8	6.3	10.6	-80.23	-581.1	-68.8	577.3	564.2	13.06	44.218					
2,900.0	2,893.4	2,801.2	2,742.6	6.6	11.1	-80.80	-605.8	-72.5	600.7	587.1	13.63	44.064					
3,000.0	2,992.8	2,898.3	2,836.4	6.9	11.6	-81.32	-630.5	-76.2	624.3	610.0	14.22	43.910					
3,100.0	3,092.1	2,995.3	2,930.1	7.2	12.2	-81.81	-655.2	-79.9	647.8	633.0	14.81	43.756					
3,200.0	3,191.5	3,092.3	3,023.9	7.5	12.7	-82.27	-679.9	-83.6	671.4	656.0	15.40	43.605					
3,300.0	3,290.8	3,189.4	3,117.7	7.8	13.2	-82.69	-704.6	-87.3	695.1	679.1	15.99	43.456					
3,400.0	3,390.2	3,286.4	3,211.4	8.1	13.7	-83.09	-729.3	-91.0	718.7	702.1	16.59	43.311					
3,484.2	3,473.8	3,368.1	3,290.4	8.3	14.2	-83.40	-750.1	-94.1	738.7	721.6	17.10	43.191					
3,500.0	3,489.5	3,383.5	3,305.2	8.3	14.2	-83.53	-754.0	-94.7	742.5	725.3	17.20	43.173					
3,600.0	3,589.1	3,480.5	3,399.0	8.6	14.8	-84.19	-778.8	-98.4	766.4	748.7	17.75	43.182					
3,700.0	3,689.0	3,577.5	3,492.7	8.8	15.3	-84.59	-803.5	-102.1	790.7	772.5	18.27	43.284					
3,800.0	3,788.9	3,674.3	3,586.2	9.0	15.8	-84.76	-828.1	-105.7	815.4	796.6	18.75	43.478					
3,811.1	3,800.0	3,685.0	3,596.6	9.0	15.9	172.94	-830.8	-106.1	818.1	794.5	23.66	34.581					
3,900.0	3,888.9	3,770.9	3,679.6	9.1	16.3	173.35	-852.7	-109.4	840.3	816.0	24.31	34.564					
4,000.0	3,988.9	3,867.6	3,773.0	9.3	16.8	173.80	-877.3	-113.1	865.2	840.2	25.05	34.535					
4,100.0	4,088.9	3,964.2	3,866.4	9.5	17.4	174.22	-901.9	-116.8	890.2	864.4	25.80	34.509					
4,200.0	4,188.9	4,060.8	3,959.7	9.7	17.9	174.61	-926.5	-120.4	915.2	888.7	26.54	34.485					
4,300.0	4,288.9	4,157.4	4,053.1	9.9	18.4	174.99	-951.1	-124.1	940.3	913.0	27.28	34.464					
4,400.0	4,388.9	4,254.1	4,146.5	10.1	18.9	175.35	-975.7	-127.8	965.4	937.3	28.03	34.444					
4,500.0	4,488.9	4,350.7	4,239.8	10.3	19.4	175.68	-1,000.4	-131.5	990.5	961.7	28.77	34.427	SF				

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-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	179.84	-100.2	0.3	100.2					
100.0	100.0	100.0	100.0	0.1	0.1	179.84	-100.2	0.3	100.2	100.0	0.22	445.768		
200.0	200.0	200.0	200.0	0.3	0.3	179.84	-100.2	0.3	100.2	99.5	0.67	148.589		
300.0	300.0	300.0	300.0	0.6	0.6	179.84	-100.2	0.3	100.2	99.1	1.12	89.154		
400.0	400.0	400.0	400.0	0.8	0.8	179.84	-100.2	0.3	100.2	98.6	1.57	63.681		
500.0	500.0	500.0	500.0	1.0	1.0	179.84	-100.2	0.3	100.2	98.2	2.02	49.530		
600.0	600.0	600.0	600.0	1.2	1.2	179.84	-100.2	0.3	100.2	97.7	2.47	40.524 CC, ES		
700.0	700.0	697.5	697.5	1.5	1.4	179.96	-101.4	0.1	101.4	98.6	2.89	35.116		
800.0	800.0	794.8	794.7	1.7	1.6	-179.68	-105.1	-0.6	105.2	101.9	3.29	31.974		
900.0	900.0	891.9	891.6	1.9	1.8	-179.14	-111.2	-1.7	111.5	107.8	3.71	30.071		
1,000.0	1,000.0	988.6	987.9	2.1	2.0	-178.49	-119.6	-3.2	120.3	116.1	4.14	29.022		
1,100.0	1,100.0	1,084.8	1,083.5	2.4	2.2	-177.77	-130.4	-5.1	131.6	127.0	4.61	28.573		
1,200.0	1,200.0	1,180.4	1,178.2	2.6	2.5	-177.05	-143.5	-7.4	145.4	140.3	5.09	28.545 SF		
1,300.0	1,300.0	1,275.3	1,271.7	2.8	2.8	-176.36	-158.8	-10.1	161.6	156.0	5.61	28.809		
1,400.0	1,400.0	1,369.3	1,364.1	3.0	3.1	-175.73	-176.2	-13.2	180.3	174.2	6.16	29.274		
1,500.0	1,500.0	1,462.4	1,455.1	3.3	3.5	-175.15	-195.7	-16.6	201.4	194.7	6.74	29.877		
1,600.0	1,600.0	1,554.5	1,544.6	3.5	3.9	-174.63	-217.0	-20.4	224.9	217.5	7.35	30.579		
1,700.0	1,700.0	1,649.5	1,636.5	3.7	4.3	-71.79	-240.8	-24.6	249.8	242.6	7.23	34.573		
1,800.0	1,799.9	1,746.5	1,730.3	3.9	4.8	-71.82	-265.1	-28.9	274.0	266.4	7.66	35.760		
1,900.0	1,899.7	1,843.7	1,824.2	4.1	5.3	-72.30	-289.5	-33.2	297.5	289.4	8.12	36.657		
2,000.0	1,999.3	1,940.8	1,918.2	4.3	5.7	-73.12	-313.8	-37.5	320.3	311.7	8.59	37.301		
2,035.9	2,034.9	1,975.7	1,951.9	4.4	5.9	-73.49	-322.6	-39.1	328.3	319.6	8.76	37.476		
2,100.0	2,098.6	2,038.0	2,012.2	4.5	6.2	-74.34	-338.2	-41.8	342.6	333.6	9.08	37.739		
2,200.0	2,198.0	2,135.2	2,106.1	4.8	6.7	-75.55	-362.6	-46.1	365.1	355.5	9.59	38.081		
2,300.0	2,297.3	2,232.4	2,200.1	5.0	7.2	-76.62	-387.0	-50.5	387.7	377.6	10.11	38.349		
2,400.0	2,396.7	2,329.5	2,294.1	5.3	7.7	-77.56	-411.4	-54.8	410.4	399.8	10.64	38.557		
2,500.0	2,496.0	2,426.7	2,388.0	5.5	8.2	-78.41	-435.8	-59.1	433.2	422.0	11.19	38.717		
2,600.0	2,595.4	2,523.9	2,482.0	5.8	8.7	-79.18	-460.1	-63.4	456.1	444.4	11.74	38.838		
2,700.0	2,694.7	2,621.0	2,576.0	6.1	9.2	-79.87	-484.5	-67.7	479.1	466.8	12.31	38.928		
2,800.0	2,794.1	2,718.2	2,669.9	6.3	9.8	-80.50	-508.9	-72.0	502.1	489.2	12.88	38.992		
2,900.0	2,893.4	2,815.4	2,763.9	6.6	10.3	-81.07	-533.3	-76.3	525.2	511.7	13.45	39.036		
3,000.0	2,992.8	2,912.6	2,857.9	6.9	10.8	-81.60	-557.7	-80.7	548.3	534.2	14.04	39.063		
3,100.0	3,092.1	3,009.7	2,951.8	7.2	11.3	-82.08	-582.0	-85.0	571.4	556.8	14.62	39.077		
3,200.0	3,191.5	3,106.9	3,045.8	7.5	11.8	-82.52	-606.4	-89.3	594.6	579.4	15.22	39.080		
3,300.0	3,290.8	3,204.1	3,139.8	7.8	12.3	-82.94	-630.8	-93.6	617.9	602.0	15.81	39.076		
3,400.0	3,390.2	3,301.3	3,233.7	8.1	12.8	-83.32	-655.2	-97.9	641.1	624.7	16.41	39.064		
3,484.2	3,473.8	3,383.0	3,312.8	8.3	13.3	-83.62	-675.7	-101.5	660.7	643.8	16.92	39.050		
3,500.0	3,489.5	3,398.4	3,327.7	8.3	13.3	-83.74	-679.6	-102.2	664.4	647.4	17.01	39.050		
3,600.0	3,589.1	3,495.6	3,421.7	8.6	13.9	-84.36	-704.0	-106.5	687.9	670.4	17.56	39.169		
3,700.0	3,689.0	3,592.7	3,515.5	8.8	14.4	-84.69	-728.3	-110.9	711.8	693.7	18.08	39.371		
3,800.0	3,788.9	3,689.6	3,609.2	9.0	14.9	-84.76	-752.6	-115.2	736.0	717.4	18.56	39.656		
3,811.1	3,800.0	3,700.3	3,619.6	9.0	14.9	172.95	-755.3	-115.6	738.7	716.0	22.71	32.528		
3,900.0	3,888.9	3,786.3	3,702.7	9.1	15.4	173.45	-776.9	-119.4	760.5	737.1	23.36	32.556		
4,000.0	3,988.9	3,883.0	3,796.2	9.3	15.9	173.98	-801.1	-123.7	785.0	760.9	24.10	32.575		
4,100.0	4,088.9	3,979.7	3,889.7	9.5	16.4	174.47	-825.4	-128.0	809.5	784.7	24.84	32.595		
4,200.0	4,188.9	4,076.4	3,983.2	9.7	16.9	174.94	-849.7	-132.3	834.2	808.6	25.58	32.616		
4,300.0	4,288.9	4,173.1	4,076.8	9.9	17.5	175.38	-873.9	-136.6	858.9	832.5	26.32	32.637		
4,400.0	4,388.9	4,269.8	4,170.3	10.1	18.0	175.80	-898.2	-140.9	883.6	856.5	27.06	32.658		
4,500.0	4,488.9	4,366.5	4,263.8	10.3	18.5	176.19	-922.5	-145.2	908.3	880.6	27.80	32.679		
4,600.0	4,588.9	4,463.2	4,357.3	10.5	19.0	176.57	-946.7	-149.5	933.2	904.6	28.54	32.701		
4,700.0	4,688.9	4,559.9	4,450.8	10.7	19.5	176.92	-971.0	-153.8	958.0	928.7	29.28	32.722		
4,800.0	4,788.9	4,656.6	4,544.3	10.9	20.0	177.26	-995.3	-158.1	982.9	952.9	30.02	32.743		

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

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

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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 44-2N-C - Wellbore #1 - Plan #2 (9-21-15)											Offset Site Error:		0.0 ft
Survey Program:		0-MWD											Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	+N/-S (ft)		+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
0.0	0.0	0.0	0.0	0.0	0.0	179.89	-140.3	0.3	140.3						
100.0	100.0	100.0	100.0	0.1	0.1	179.89	-140.3	0.3	140.3	140.0	0.22	624.004	CC, ES		
200.0	200.0	200.0	200.0	0.3	0.3	179.89	-140.3	0.3	140.3	139.6	0.67	208.001			
300.0	300.0	296.5	296.5	0.6	0.5	179.95	-141.5	0.1	141.5	140.4	1.09	129.511			
400.0	400.0	392.8	392.7	0.8	0.7	-179.87	-145.1	-0.3	145.3	143.8	1.51	96.044			
500.0	500.0	488.9	488.6	1.0	0.9	-179.58	-151.1	-1.1	151.5	149.6	1.96	77.471			
600.0	600.0	584.6	584.0	1.2	1.2	-179.22	-159.5	-2.2	160.3	157.8	2.42	66.131			
700.0	700.0	679.9	678.6	1.5	1.5	-178.82	-170.1	-3.5	171.5	168.6	2.92	58.786			
800.0	800.0	774.5	772.4	1.7	1.8	-178.39	-183.0	-5.2	185.2	181.7	3.44	53.843			
900.0	900.0	868.5	865.1	1.9	2.1	-177.95	-198.1	-7.1	201.3	197.3	3.99	50.439			
1,000.0	1,000.0	961.6	956.6	2.1	2.4	-177.54	-215.3	-9.3	219.9	215.3	4.57	48.070			
1,100.0	1,100.0	1,053.9	1,046.8	2.4	2.8	-177.14	-234.5	-11.7	240.8	235.6	5.19	46.421			
1,200.0	1,200.0	1,145.1	1,135.5	2.6	3.3	-176.78	-255.7	-14.4	264.1	258.2	5.83	45.290			
1,300.0	1,300.0	1,235.2	1,222.6	2.8	3.7	-176.45	-278.6	-17.3	289.6	283.1	6.50	44.539			
1,400.0	1,400.0	1,324.2	1,308.0	3.0	4.2	-176.15	-303.2	-20.4	317.5	310.3	7.20	44.073			
1,500.0	1,500.0	1,411.9	1,391.7	3.3	4.7	-175.87	-329.4	-23.8	347.5	339.6	7.93	43.837			
1,600.0	1,600.0	1,506.2	1,481.2	3.5	5.3	-175.62	-358.7	-27.5	378.9	370.2	8.72	43.463	SF		
1,700.0	1,700.0	1,601.2	1,571.4	3.7	5.9	-72.81	-388.3	-31.2	409.9	402.4	7.50	54.679			
1,800.0	1,799.9	1,696.5	1,661.9	3.9	6.4	-72.67	-418.0	-35.0	440.2	432.2	7.96	55.271			
1,900.0	1,899.7	1,792.0	1,752.5	4.1	7.0	-72.82	-447.7	-38.8	469.7	461.3	8.44	55.626			
2,000.0	1,999.3	1,887.5	1,843.2	4.3	7.6	-73.21	-477.5	-42.6	498.6	489.7	8.94	55.768			
2,035.9	2,034.9	1,921.7	1,875.7	4.4	7.9	-73.40	-488.2	-43.9	508.8	499.7	9.12	55.771			
2,100.0	2,098.6	1,983.0	1,933.9	4.5	8.2	-74.01	-507.2	-46.4	527.0	517.6	9.45	55.743			
2,200.0	2,198.0	2,078.5	2,024.6	4.8	8.8	-74.88	-537.0	-50.1	555.5	545.5	9.98	55.651			
2,300.0	2,297.3	2,174.0	2,115.3	5.0	9.4	-75.67	-566.7	-53.9	584.1	573.6	10.52	55.514			
2,400.0	2,396.7	2,269.5	2,206.0	5.3	10.0	-76.39	-596.5	-57.7	612.8	601.8	11.07	55.345			
2,500.0	2,496.0	2,365.1	2,296.7	5.5	10.6	-77.04	-626.2	-61.5	641.6	630.0	11.63	55.153			
2,600.0	2,595.4	2,460.6	2,387.3	5.8	11.2	-77.64	-656.0	-65.3	670.5	658.3	12.20	54.947			
2,700.0	2,694.7	2,556.1	2,478.0	6.1	11.9	-78.19	-685.7	-69.0	699.4	686.6	12.78	54.731			
2,800.0	2,794.1	2,651.6	2,568.7	6.3	12.5	-78.69	-715.5	-72.8	728.3	715.0	13.36	54.511			
2,900.0	2,893.4	2,747.2	2,659.4	6.6	13.1	-79.16	-745.2	-76.6	757.4	743.4	13.95	54.290			
3,000.0	2,992.8	2,842.7	2,750.1	6.9	13.7	-79.59	-775.0	-80.4	786.4	771.9	14.54	54.069			
3,100.0	3,092.1	2,938.2	2,840.8	7.2	14.3	-79.99	-804.7	-84.2	815.5	800.4	15.14	53.852			
3,200.0	3,191.5	3,033.7	2,931.5	7.5	14.9	-80.36	-834.5	-87.9	844.6	828.9	15.75	53.639			
3,300.0	3,290.8	3,129.3	3,022.2	7.8	15.5	-80.71	-864.2	-91.7	873.8	857.4	16.35	53.431			
3,400.0	3,390.2	3,224.8	3,112.9	8.1	16.1	-81.04	-894.0	-95.5	903.0	886.0	16.96	53.228			
3,484.2	3,473.8	3,305.2	3,189.2	8.3	16.6	-81.30	-919.0	-98.7	927.6	910.1	17.48	53.062			
3,500.0	3,489.5	3,320.3	3,203.6	8.3	16.7	-81.44	-923.7	-99.3	932.2	914.6	17.58	53.032			
3,600.0	3,589.1	3,415.8	3,294.3	8.6	17.3	-82.20	-953.5	-103.1	961.8	943.6	18.15	52.988			
3,700.0	3,689.0	3,511.2	3,384.8	8.8	17.9	-82.75	-983.2	-106.8	991.8	973.1	18.70	53.047			

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-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		
0.0	0.0	0.0	0.0	0.0	0.0	179.73	-60.1	0.3	60.1					
100.0	100.0	100.0	100.0	0.1	0.1	179.73	-60.1	0.3	60.1	59.9	0.22	267.440		
200.0	200.0	200.0	200.0	0.3	0.3	179.73	-60.1	0.3	60.1	59.4	0.67	89.147		
300.0	300.0	300.0	300.0	0.6	0.6	179.73	-60.1	0.3	60.1	59.0	1.12	53.488		
400.0	400.0	400.0	400.0	0.8	0.8	179.73	-60.1	0.3	60.1	58.5	1.57	38.206		
500.0	500.0	500.0	500.0	1.0	1.0	179.73	-60.1	0.3	60.1	58.1	2.02	29.716		
600.0	600.0	600.0	600.0	1.2	1.2	179.73	-60.1	0.3	60.1	57.6	2.47	24.313		
700.0	700.0	700.0	700.0	1.5	1.5	179.73	-60.1	0.3	60.1	57.2	2.92	20.572		
800.0	800.0	800.0	800.0	1.7	1.7	179.73	-60.1	0.3	60.1	56.7	3.37	17.829		
900.0	900.0	900.0	900.0	1.9	1.9	179.73	-60.1	0.3	60.1	56.3	3.82	15.732		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	179.73	-60.1	0.3	60.1	55.8	4.27	14.076 CC, ES		
1,100.0	1,100.0	1,098.5	1,098.5	2.4	2.3	-179.93	-61.3	-0.1	61.3	56.7	4.69	13.084		
1,200.0	1,200.0	1,196.9	1,196.8	2.6	2.5	-178.99	-65.0	-1.1	65.1	60.0	5.09	12.792		
1,300.0	1,300.0	1,295.0	1,294.7	2.8	2.7	-177.64	-71.0	-2.9	71.3	65.8	5.50	12.974		
1,400.0	1,400.0	1,392.7	1,392.0	3.0	2.9	-176.11	-79.5	-5.4	80.0	74.1	5.92	13.524		
1,500.0	1,500.0	1,489.9	1,488.5	3.3	3.1	-174.58	-90.2	-8.6	91.3	85.0	6.36	14.358		
1,600.0	1,600.0	1,586.4	1,584.1	3.5	3.3	-173.17	-103.2	-12.4	105.2	98.3	6.83	15.403		
1,700.0	1,700.0	1,682.7	1,679.0	3.7	3.6	-69.95	-118.5	-16.8	121.0	113.9	7.17	16.876		
1,800.0	1,799.9	1,781.4	1,776.2	3.9	3.9	-70.16	-135.1	-21.7	137.0	129.5	7.58	18.075		
1,900.0	1,899.7	1,880.2	1,873.5	4.1	4.2	-71.23	-151.7	-26.6	152.2	144.2	8.00	19.013		
2,000.0	1,999.3	1,979.0	1,970.8	4.3	4.6	-72.94	-168.3	-31.5	166.6	158.2	8.45	19.729		
2,035.9	2,034.9	2,014.4	2,005.7	4.4	4.7	-73.68	-174.2	-33.2	171.7	163.1	8.61	19.938		
2,100.0	2,098.6	2,077.7	2,068.0	4.5	4.9	-75.12	-184.9	-36.3	180.7	171.8	8.91	20.274		
2,200.0	2,198.0	2,176.5	2,165.2	4.8	5.3	-77.09	-201.5	-41.2	195.0	185.6	9.40	20.747		
2,300.0	2,297.3	2,275.3	2,262.5	5.0	5.6	-78.79	-218.1	-46.1	209.4	199.5	9.90	21.160		
2,400.0	2,396.7	2,374.0	2,359.7	5.3	6.0	-80.27	-234.7	-50.9	224.0	213.6	10.41	21.520		
2,500.0	2,496.0	2,472.8	2,457.0	5.5	6.3	-81.57	-251.3	-55.8	238.8	227.9	10.94	21.835		
2,600.0	2,595.4	2,571.6	2,554.2	5.8	6.7	-82.72	-267.9	-60.7	253.6	242.2	11.47	22.111		
2,700.0	2,694.7	2,670.4	2,651.5	6.1	7.1	-83.74	-284.5	-65.5	268.6	256.6	12.02	22.352		
2,800.0	2,794.1	2,769.1	2,748.7	6.3	7.5	-84.66	-301.1	-70.4	283.6	271.0	12.57	22.564		
2,900.0	2,893.4	2,867.9	2,846.0	6.6	7.8	-85.48	-317.7	-75.3	298.7	285.6	13.13	22.751		
3,000.0	2,992.8	2,966.7	2,943.2	6.9	8.2	-86.22	-334.3	-80.1	313.8	300.1	13.69	22.917		
3,100.0	3,092.1	3,065.4	3,040.4	7.2	8.6	-86.89	-350.9	-85.0	329.0	314.7	14.26	23.063		
3,200.0	3,191.5	3,164.2	3,137.7	7.5	9.0	-87.51	-367.5	-89.9	344.2	329.4	14.84	23.194		
3,300.0	3,290.8	3,263.0	3,234.9	7.8	9.4	-88.07	-384.1	-94.8	359.5	344.1	15.42	23.310		
3,400.0	3,390.2	3,361.7	3,332.2	8.1	9.8	-88.59	-400.7	-99.6	374.8	358.8	16.01	23.414		
3,484.2	3,473.8	3,444.9	3,414.0	8.3	10.1	-88.99	-414.6	-103.7	387.6	371.1	16.50	23.494		
3,500.0	3,489.5	3,460.5	3,429.4	8.3	10.1	-89.11	-417.3	-104.5	390.1	373.5	16.59	23.513		
3,600.0	3,589.1	3,559.3	3,526.7	8.6	10.5	-89.53	-433.9	-109.4	405.4	388.3	17.11	23.699		
3,700.0	3,689.0	3,658.1	3,623.9	8.8	10.9	-89.47	-450.5	-114.2	420.8	403.2	17.59	23.925		
3,800.0	3,788.9	3,756.7	3,721.0	9.0	11.3	-88.97	-467.0	-119.1	436.3	418.3	18.03	24.197		
3,811.1	3,800.0	3,767.6	3,731.8	9.0	11.4	168.81	-468.9	-119.6	438.0	419.1	18.96	23.104		
3,900.0	3,888.9	3,855.2	3,817.9	9.1	11.7	169.72	-483.6	-123.9	452.0	432.5	19.50	23.176		
4,000.0	3,988.9	3,953.6	3,914.9	9.3	12.1	170.68	-500.1	-128.8	467.7	447.6	20.12	23.247		
4,100.0	4,088.9	4,052.1	4,011.8	9.5	12.5	171.58	-516.7	-133.7	483.6	462.9	20.74	23.318		
4,200.0	4,188.9	4,150.5	4,108.7	9.7	12.9	172.42	-533.2	-138.5	499.6	478.2	21.36	23.389		
4,300.0	4,288.9	4,249.0	4,205.7	9.9	13.3	173.20	-549.8	-143.4	515.7	493.7	21.98	23.460		
4,400.0	4,388.9	4,347.4	4,302.6	10.1	13.7	173.94	-566.3	-148.2	531.9	509.3	22.60	23.531		
4,500.0	4,488.9	4,445.9	4,399.5	10.3	14.1	174.64	-582.9	-153.1	548.2	524.9	23.23	23.601		
4,600.0	4,588.9	4,544.3	4,496.5	10.5	14.4	175.30	-599.4	-157.9	564.5	540.6	23.85	23.670		
4,700.0	4,688.9	4,642.8	4,593.4	10.7	14.8	175.91	-615.9	-162.8	580.9	556.4	24.47	23.738		
4,800.0	4,788.9	4,741.2	4,690.3	10.9	15.2	176.50	-632.5	-167.6	597.4	572.3	25.09	23.805		

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

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,888.9	4,839.7	4,787.3	11.2	15.6	177.05	-649.0	-172.5	613.9	588.2	25.72	23.871		
5,000.0	4,988.9	4,938.2	4,884.2	11.4	16.0	177.58	-665.6	-177.3	630.5	604.2	26.34	23.936		
5,100.0	5,088.9	5,036.6	4,981.1	11.6	16.4	178.08	-682.1	-182.2	647.1	620.2	26.96	23.999		
5,200.0	5,188.9	5,135.1	5,078.1	11.8	16.8	178.55	-698.7	-187.0	663.8	636.2	27.59	24.061		
5,300.0	5,288.9	5,256.4	5,197.8	12.0	17.2	179.06	-717.4	-192.5	679.2	651.0	28.20	24.087		
5,400.0	5,388.9	5,385.1	5,325.6	12.2	17.5	179.43	-732.0	-196.8	690.5	661.8	28.73	24.032		
5,500.0	5,488.9	5,515.0	5,455.1	12.4	17.7	179.66	-741.1	-199.5	697.5	668.3	29.21	23.880		
5,600.0	5,588.9	5,645.4	5,585.5	12.6	17.9	179.75	-744.6	-200.5	700.2	670.6	29.63	23.628		
5,700.0	5,688.9	5,748.8	5,688.9	12.8	18.1	179.75	-744.6	-200.5	700.2	670.2	29.99	23.349		
5,800.0	5,788.9	5,848.8	5,788.9	13.0	18.2	179.75	-744.6	-200.5	700.2	669.9	30.33	23.084		
5,900.0	5,888.9	5,948.8	5,888.9	13.2	18.3	179.75	-744.6	-200.5	700.2	669.5	30.68	22.823		
6,000.0	5,988.9	6,048.8	5,988.9	13.5	18.5	179.75	-744.6	-200.5	700.2	669.2	31.03	22.567		
6,100.0	6,088.9	6,148.8	6,088.9	13.7	18.6	179.75	-744.6	-200.5	700.2	668.8	31.38	22.315		
6,200.0	6,188.9	6,248.8	6,188.9	13.9	18.7	179.75	-744.6	-200.5	700.2	668.5	31.73	22.067		
6,300.0	6,288.9	6,348.8	6,288.9	14.1	18.9	179.75	-744.6	-200.5	700.2	668.1	32.09	21.823		
6,400.0	6,388.9	6,448.8	6,388.9	14.3	19.0	179.75	-744.6	-200.5	700.2	667.8	32.44	21.584		
6,500.0	6,488.9	6,548.8	6,488.9	14.5	19.1	179.75	-744.6	-200.5	700.2	667.4	32.80	21.348		
6,514.9	6,503.8	6,563.7	6,503.8	14.6	19.1	179.75	-744.6	-200.5	700.2	667.4	32.85	21.314		
6,550.0	6,538.9	6,599.1	6,539.2	14.6	19.2	90.41	-744.6	-199.6	700.2	670.6	29.57	23.679		
6,600.0	6,588.7	6,649.4	6,589.3	14.7	19.2	90.41	-744.6	-195.4	700.2	670.5	29.72	23.557		
6,650.0	6,638.1	6,699.8	6,639.1	14.8	19.3	90.41	-744.5	-187.6	700.2	670.4	29.86	23.454		
6,700.0	6,686.9	6,750.2	6,688.1	14.8	19.3	90.40	-744.3	-176.4	700.2	670.2	29.97	23.366		
6,750.0	6,734.7	6,800.5	6,736.3	14.9	19.4	90.39	-744.2	-161.7	700.2	670.1	30.07	23.290		
6,800.0	6,781.5	6,850.8	6,783.3	14.9	19.4	90.38	-743.9	-143.7	700.2	670.1	30.16	23.217		
6,850.0	6,826.8	6,901.2	6,828.9	15.0	19.4	90.37	-743.7	-122.5	700.2	669.9	30.26	23.139		
6,900.0	6,870.6	6,951.5	6,872.9	15.1	19.4	90.36	-743.4	-98.1	700.2	669.8	30.38	23.047		
6,950.0	6,912.6	7,001.8	6,915.1	15.2	19.4	90.34	-743.1	-70.7	700.2	669.7	30.54	22.926		
7,000.0	6,952.7	7,052.1	6,955.2	15.3	19.5	90.32	-742.7	-40.4	700.2	669.4	30.76	22.765		
7,050.0	6,990.5	7,102.3	6,993.1	15.5	19.5	90.30	-742.3	-7.4	700.2	669.1	31.05	22.549		
7,100.0	7,026.0	7,152.6	7,028.5	15.7	19.5	90.28	-741.9	28.2	700.2	668.7	31.44	22.268		
7,150.0	7,058.9	7,202.8	7,061.4	16.0	19.5	90.26	-741.5	66.2	700.2	668.2	31.96	21.910		
7,200.0	7,089.1	7,253.0	7,091.5	16.3	19.6	90.24	-741.0	106.4	700.2	667.6	32.61	21.472		
7,250.0	7,116.5	7,303.2	7,118.7	16.7	19.7	90.21	-740.5	148.5	700.2	666.8	33.41	20.955		
7,300.0	7,140.9	7,353.4	7,142.9	17.2	19.8	90.19	-740.0	192.5	700.2	665.8	34.38	20.365		
7,350.0	7,162.1	7,403.6	7,164.0	17.8	20.0	90.16	-739.5	238.0	700.2	664.7	35.52	19.714		
7,400.0	7,180.2	7,453.7	7,181.8	18.5	20.2	90.14	-738.9	284.8	700.2	663.3	36.82	19.018		
7,450.0	7,195.0	7,503.8	7,196.3	19.2	20.7	90.11	-738.4	332.8	700.2	661.9	38.27	18.294		
7,500.0	7,206.4	7,553.9	7,207.3	20.0	21.2	90.08	-737.8	381.6	700.2	660.3	39.87	17.560		
7,550.0	7,214.4	7,603.9	7,215.0	20.9	21.9	90.05	-737.2	431.0	700.1	658.5	41.60	16.830		
7,600.0	7,218.9	7,654.0	7,219.2	21.8	22.7	90.02	-736.6	480.9	700.1	656.7	43.43	16.120		
7,639.9	7,220.0	7,693.8	7,220.0	22.6	23.4	90.00	-736.2	520.8	700.1	655.2	44.95	15.574		
7,700.0	7,220.0	7,754.0	7,220.0	23.8	24.5	90.00	-735.5	580.9	700.1	652.8	47.37	14.781		
7,800.0	7,220.0	7,854.0	7,220.0	25.9	26.5	90.00	-734.3	680.9	700.1	648.5	51.59	13.571		
7,900.0	7,220.0	7,954.0	7,220.0	28.1	28.7	90.00	-733.1	780.9	700.1	644.1	56.05	12.490		
8,000.0	7,220.0	8,054.0	7,220.0	30.4	31.0	90.00	-731.9	880.9	700.1	639.4	60.71	11.532		
8,100.0	7,220.0	8,154.0	7,220.0	32.9	33.3	90.00	-730.8	980.8	700.1	634.6	65.52	10.686		
8,200.0	7,220.0	8,254.0	7,220.0	35.3	35.7	90.00	-729.6	1,080.8	700.1	629.7	70.44	9.939		
8,300.0	7,220.0	8,354.0	7,220.0	37.8	38.2	90.00	-728.4	1,180.8	700.1	624.6	75.46	9.277		
8,400.0	7,220.0	8,454.0	7,220.0	40.4	40.7	90.00	-727.2	1,280.8	700.1	619.5	80.56	8.690		
8,500.0	7,220.0	8,554.0	7,220.0	43.0	43.3	90.00	-726.1	1,380.8	700.1	614.3	85.72	8.167		
8,600.0	7,220.0	8,654.0	7,220.0	45.6	45.9	90.00	-724.9	1,480.8	700.1	609.1	90.94	7.698		
8,700.0	7,220.0	8,754.0	7,220.0	48.2	48.5	90.00	-723.7	1,580.8	700.1	603.9	96.20	7.277		

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

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error: 0.0 ft
Survey Program: 0-MWD													Offset Well Error: 0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
							+N/-S (ft)	+E/-W (ft)					
8,800.0	7,220.0	8,854.0	7,220.0	50.9	51.1	90.00	-722.6	1,680.8	700.0	598.6	101.50	6.897	
8,900.0	7,220.0	8,954.0	7,220.0	53.5	53.7	90.00	-721.4	1,780.8	700.0	593.2	106.83	6.553	
9,000.0	7,220.0	9,054.0	7,220.0	56.2	56.4	90.00	-720.2	1,880.8	700.0	587.8	112.19	6.240	
9,100.0	7,220.0	9,154.0	7,220.0	58.9	59.1	90.00	-719.0	1,980.8	700.0	582.5	117.57	5.954	
9,200.0	7,220.0	9,254.0	7,220.0	61.6	61.8	90.00	-717.9	2,080.8	700.0	577.0	122.97	5.693	
9,300.0	7,220.0	9,354.0	7,220.0	64.3	64.4	90.00	-716.7	2,180.8	700.0	571.6	128.39	5.452	
9,400.0	7,220.0	9,454.0	7,220.0	67.0	67.2	90.00	-715.5	2,280.8	700.0	566.2	133.82	5.231	
9,500.0	7,220.0	9,554.0	7,220.0	69.7	69.9	90.00	-714.4	2,380.8	700.0	560.7	139.27	5.026	
9,600.0	7,220.0	9,654.0	7,220.0	72.5	72.6	90.00	-713.2	2,480.7	700.0	555.3	144.73	4.836	
9,700.0	7,220.0	9,754.0	7,220.0	75.2	75.3	90.00	-712.0	2,580.7	700.0	549.8	150.20	4.660	
9,800.0	7,220.0	9,854.0	7,220.0	77.9	78.0	90.00	-710.8	2,680.7	700.0	544.3	155.68	4.496	
9,900.0	7,220.0	9,954.0	7,220.0	80.7	80.8	90.00	-709.7	2,780.7	700.0	538.8	161.18	4.343	
10,000.0	7,220.0	10,054.0	7,220.0	83.4	83.5	90.00	-708.5	2,880.7	700.0	533.3	166.67	4.200	
10,100.0	7,220.0	10,154.0	7,220.0	86.2	86.3	90.00	-707.3	2,980.7	699.9	527.8	172.18	4.065	
10,200.0	7,220.0	10,254.0	7,220.0	89.0	89.0	90.00	-706.2	3,080.7	699.9	522.2	177.69	3.939	
10,300.0	7,220.0	10,354.0	7,220.0	91.7	91.8	90.00	-705.0	3,180.7	699.9	516.7	183.21	3.820	
10,400.0	7,220.0	10,454.0	7,220.0	94.5	94.5	90.00	-703.8	3,280.7	699.9	511.2	188.73	3.709	
10,500.0	7,220.0	10,554.0	7,220.0	97.2	97.3	90.00	-702.6	3,380.7	699.9	505.6	194.26	3.603	
10,600.0	7,220.0	10,654.0	7,220.0	100.0	100.0	90.00	-701.5	3,480.7	699.9	500.1	199.80	3.503	
10,700.0	7,220.0	10,754.0	7,220.0	102.8	102.8	90.00	-700.3	3,580.7	699.9	494.6	205.33	3.409	
10,800.0	7,220.0	10,854.0	7,220.0	105.5	105.6	90.00	-699.1	3,680.7	699.9	489.0	210.87	3.319	
10,900.0	7,220.0	10,954.0	7,220.0	108.3	108.3	90.00	-697.9	3,780.7	699.9	483.5	216.42	3.234	
11,000.0	7,220.0	11,054.0	7,220.0	111.1	111.1	90.00	-696.8	3,880.6	699.9	477.9	221.97	3.153	
11,100.0	7,220.0	11,154.0	7,220.0	113.9	113.9	90.00	-695.6	3,980.6	699.9	472.3	227.52	3.076	
11,200.0	7,220.0	11,254.0	7,220.0	116.6	116.6	90.00	-694.4	4,080.6	699.9	466.8	233.07	3.003	
11,300.0	7,220.0	11,354.0	7,220.0	119.4	119.4	90.00	-693.3	4,180.6	699.8	461.2	238.63	2.933	
11,400.0	7,220.0	11,454.0	7,220.0	122.2	122.2	90.00	-692.1	4,280.6	699.8	455.7	244.19	2.866	
11,500.0	7,220.0	11,554.0	7,220.0	125.0	125.0	90.00	-690.9	4,380.6	699.8	450.1	249.75	2.802	
11,600.0	7,220.0	11,654.0	7,220.0	127.8	127.7	90.00	-689.7	4,480.6	699.8	444.5	255.31	2.741	
11,700.0	7,220.0	11,754.0	7,220.0	130.5	130.5	90.00	-688.6	4,580.6	699.8	438.9	260.88	2.683	
11,708.9	7,220.0	11,762.8	7,220.0	130.8	130.8	90.00	-688.5	4,589.4	699.8	438.4	261.37	2.678	
11,714.6	7,220.0	11,762.8	7,220.0	131.0	130.8	90.00	-688.5	4,589.4	699.8	438.3	261.53	2.676 SF	

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-40.1	0.0	40.1					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-40.1	0.0	40.1	39.8	0.22	178.292		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-40.1	0.0	40.1	39.4	0.67	59.431		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-40.1	0.0	40.1	39.0	1.12	35.658		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-40.1	0.0	40.1	38.5	1.57	25.470		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-40.1	0.0	40.1	38.1	2.02	19.810		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-40.1	0.0	40.1	37.6	2.47	16.208		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-40.1	0.0	40.1	37.2	2.92	13.715		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-40.1	0.0	40.1	36.7	3.37	11.886		
900.0	900.0	900.0	900.0	1.9	1.9	180.00	-40.1	0.0	40.1	36.3	3.82	10.488		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	180.00	-40.1	0.0	40.1	35.8	4.27	9.384		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	180.00	-40.1	0.0	40.1	35.4	4.72	8.490		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	180.00	-40.1	0.0	40.1	34.9	5.17	7.752 CC, ES		
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	-179.42	-41.3	-0.4	41.3	35.7	5.59	7.390		
1,400.0	1,400.0	1,397.9	1,397.8	3.0	3.0	-177.87	-44.9	-1.7	45.0	39.0	5.99	7.518		
1,500.0	1,500.0	1,496.5	1,496.2	3.3	3.1	-175.80	-50.9	-3.7	51.2	44.8	6.39	8.013		
1,600.0	1,600.0	1,594.7	1,594.0	3.5	3.3	-173.63	-59.3	-6.6	60.0	53.2	6.81	8.809		
1,700.0	1,700.0	1,692.4	1,691.1	3.7	3.5	-70.14	-70.0	-10.3	70.9	63.7	7.21	9.837		
1,800.0	1,799.9	1,789.7	1,787.4	3.9	3.8	-70.56	-83.0	-14.8	83.4	75.8	7.60	10.974		
1,900.0	1,899.7	1,888.0	1,884.4	4.1	4.0	-72.02	-98.0	-19.9	97.1	89.1	8.01	12.113		
2,000.0	1,999.3	1,987.0	1,982.1	4.3	4.3	-74.37	-113.2	-25.2	110.2	101.8	8.44	13.052		
2,035.9	2,034.9	2,022.5	2,017.1	4.4	4.4	-75.39	-118.7	-27.1	114.8	106.2	8.60	13.342		
2,100.0	2,098.6	2,086.0	2,079.8	4.5	4.6	-77.25	-128.4	-30.4	123.0	114.1	8.90	13.826		
2,200.0	2,198.0	2,185.0	2,177.4	4.8	4.9	-79.71	-143.6	-35.6	136.1	126.7	9.37	14.519		
2,300.0	2,297.3	2,284.0	2,275.1	5.0	5.2	-81.74	-158.8	-40.9	149.4	139.5	9.87	15.140		
2,400.0	2,396.7	2,383.0	2,372.8	5.3	5.6	-83.43	-174.1	-46.1	162.8	152.4	10.37	15.695		
2,500.0	2,496.0	2,482.0	2,470.5	5.5	5.9	-84.86	-189.3	-51.4	176.3	165.4	10.89	16.190		
2,600.0	2,595.4	2,581.0	2,568.1	5.8	6.2	-86.09	-204.5	-56.6	190.0	178.5	11.42	16.633		
2,700.0	2,694.7	2,680.0	2,665.8	6.1	6.6	-87.16	-219.7	-61.8	203.7	191.7	11.96	17.029		
2,800.0	2,794.1	2,778.9	2,763.5	6.3	6.9	-88.09	-234.9	-67.1	217.4	204.9	12.51	17.384		
2,900.0	2,893.4	2,877.9	2,861.1	6.6	7.3	-88.91	-250.1	-72.3	231.2	218.2	13.06	17.704		
3,000.0	2,992.8	2,976.9	2,958.8	6.9	7.6	-89.64	-265.3	-77.5	245.1	231.5	13.62	17.991		
3,100.0	3,092.1	3,075.9	3,056.5	7.2	8.0	-90.29	-280.5	-82.8	259.0	244.8	14.19	18.252		
3,200.0	3,191.5	3,174.9	3,154.2	7.5	8.4	-90.87	-295.8	-88.0	272.9	258.1	14.76	18.487		
3,300.0	3,290.8	3,273.9	3,251.8	7.8	8.7	-91.40	-311.0	-93.2	286.9	271.5	15.34	18.702		
3,400.0	3,390.2	3,372.9	3,349.5	8.1	9.1	-91.87	-326.2	-98.5	300.8	284.9	15.92	18.897		
3,484.2	3,473.8	3,456.2	3,431.7	8.3	9.4	-92.24	-339.0	-102.9	312.6	296.2	16.41	19.049		
3,500.0	3,489.5	3,471.9	3,447.2	8.3	9.4	-92.35	-341.4	-103.7	314.8	298.3	16.50	19.080		
3,600.0	3,589.1	3,570.9	3,544.9	8.6	9.8	-92.62	-356.6	-108.9	328.7	311.7	17.01	19.323		
3,700.0	3,689.0	3,669.9	3,642.6	8.8	10.2	-92.30	-371.8	-114.2	342.5	325.0	17.49	19.584		
3,800.0	3,788.9	3,768.7	3,740.1	9.0	10.5	-91.47	-387.0	-119.4	356.2	338.2	17.92	19.873		
3,811.1	3,800.0	3,779.6	3,750.9	9.0	10.6	166.35	-388.7	-120.0	357.7	339.6	18.12	19.739		
3,900.0	3,888.9	3,867.4	3,837.4	9.1	10.9	167.55	-402.2	-124.6	370.0	351.3	18.64	19.847		
4,000.0	3,988.9	3,966.0	3,934.8	9.3	11.3	168.81	-417.3	-129.8	384.0	364.8	19.24	19.957		
4,100.0	4,088.9	4,064.7	4,032.2	9.5	11.6	169.98	-432.5	-135.1	398.2	378.3	19.84	20.068		
4,200.0	4,188.9	4,163.4	4,129.5	9.7	12.0	171.08	-447.7	-140.3	412.5	392.1	20.44	20.179		
4,300.0	4,288.9	4,262.1	4,226.9	9.9	12.4	172.09	-462.8	-145.5	427.0	405.9	21.05	20.288		
4,400.0	4,388.9	4,360.7	4,324.2	10.1	12.8	173.05	-478.0	-150.7	441.6	419.9	21.65	20.397		
4,500.0	4,488.9	4,459.4	4,421.6	10.3	13.1	173.94	-493.2	-155.9	456.3	434.0	22.25	20.504		
4,600.0	4,588.9	4,558.1	4,518.9	10.5	13.5	174.77	-508.3	-161.2	471.1	448.2	22.86	20.609		
4,700.0	4,688.9	4,656.7	4,616.3	10.7	13.9	175.56	-523.5	-166.4	486.0	462.5	23.46	20.713		
4,800.0	4,788.9	4,755.4	4,713.7	10.9	14.3	176.29	-538.6	-171.6	501.0	476.9	24.07	20.815		

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

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,888.9	4,854.1	4,811.0	11.2	14.6	176.99	-553.8	-176.8	516.0	491.3	24.67	20.915		
5,000.0	4,988.9	4,952.8	4,908.4	11.4	15.0	177.65	-569.0	-182.0	531.2	505.9	25.28	21.012		
5,100.0	5,088.9	5,051.4	5,005.7	11.6	15.4	178.26	-584.1	-187.2	546.3	520.5	25.88	21.108		
5,200.0	5,188.9	5,166.1	5,119.1	11.8	15.7	178.90	-600.5	-192.9	560.6	534.1	26.46	21.184		
5,300.0	5,288.9	5,288.2	5,240.5	12.0	16.0	179.37	-613.4	-197.3	571.1	544.1	26.98	21.164		
5,400.0	5,388.9	5,411.3	5,363.2	12.2	16.2	179.65	-621.4	-200.1	577.5	550.1	27.45	21.039		
5,500.0	5,488.9	5,534.8	5,486.7	12.4	16.4	179.75	-624.4	-201.1	580.0	552.1	27.87	20.808		
5,600.0	5,588.9	5,637.0	5,588.9	12.6	16.6	179.75	-624.4	-201.1	580.0	551.7	28.24	20.538		
5,700.0	5,688.9	5,737.0	5,688.9	12.8	16.7	179.75	-624.4	-201.1	580.0	551.4	28.59	20.283		
5,800.0	5,788.9	5,837.0	5,788.9	13.0	16.9	179.75	-624.4	-201.1	580.0	551.0	28.95	20.032		
5,900.0	5,888.9	5,937.0	5,888.9	13.2	17.0	179.75	-624.4	-201.1	580.0	550.7	29.31	19.786		
6,000.0	5,988.9	6,037.0	5,988.9	13.5	17.1	179.75	-624.4	-201.1	580.0	550.3	29.67	19.544		
6,100.0	6,088.9	6,137.0	6,088.9	13.7	17.3	179.75	-624.4	-201.1	580.0	549.9	30.04	19.307		
6,200.0	6,188.9	6,237.1	6,189.0	13.9	17.4	179.75	-624.4	-201.1	580.0	549.6	30.40	19.075		
6,273.2	6,262.1	6,310.4	6,262.1	14.0	17.5	179.33	-624.3	-196.8	580.0	549.3	30.66	18.917		
6,300.0	6,288.9	6,336.9	6,288.4	14.1	17.5	178.99	-624.3	-193.4	580.0	549.2	30.74	18.866		
6,400.0	6,388.9	6,432.8	6,382.1	14.3	17.6	176.99	-624.0	-173.1	580.5	549.5	31.02	18.712		
6,500.0	6,488.9	6,521.9	6,465.9	14.5	17.7	174.05	-623.7	-143.2	582.9	551.6	31.26	18.647		
6,514.9	6,503.8	6,534.5	6,477.4	14.6	17.7	173.55	-623.6	-138.1	583.5	552.2	31.29	18.647		
6,550.0	6,538.9	6,563.7	6,503.8	14.6	17.7	82.92	-623.5	-125.6	585.3	555.9	29.34	19.946		
6,600.0	6,588.7	6,604.5	6,539.8	14.7	17.7	81.12	-623.3	-106.4	588.3	558.7	29.52	19.925		
6,650.0	6,638.1	6,644.6	6,574.0	14.8	17.7	79.36	-623.0	-85.5	591.8	562.1	29.69	19.934		
6,700.0	6,686.9	6,684.0	6,606.5	14.8	17.7	77.66	-622.8	-63.1	595.7	565.9	29.83	19.972		
6,750.0	6,734.7	6,722.9	6,637.2	14.9	17.7	76.02	-622.5	-39.3	600.1	570.1	29.95	20.034		
6,800.0	6,781.5	6,761.2	6,666.2	14.9	17.8	74.45	-622.2	-14.3	604.7	574.6	30.06	20.118		
6,850.0	6,826.8	6,800.0	6,694.2	15.0	17.8	72.93	-621.9	12.6	609.5	579.4	30.15	20.216		
6,900.0	6,870.6	6,836.3	6,719.0	15.1	17.8	71.54	-621.6	39.1	614.4	584.2	30.23	20.325		
6,950.0	6,912.6	6,873.3	6,742.8	15.2	17.8	70.21	-621.2	67.4	619.4	589.1	30.35	20.408		
7,000.0	6,952.7	6,909.9	6,764.9	15.3	17.9	68.96	-620.9	96.5	624.4	594.0	30.44	20.513		
7,050.0	6,990.5	6,950.0	6,787.5	15.5	17.9	67.72	-620.5	129.7	629.3	598.7	30.58	20.575		
7,100.0	7,026.0	6,982.1	6,804.2	15.7	18.0	66.73	-620.2	157.2	634.0	603.2	30.77	20.605		
7,150.0	7,058.9	7,017.9	6,821.2	16.0	18.1	65.76	-619.8	188.5	638.5	607.4	31.02	20.580		
7,200.0	7,089.1	7,050.0	6,835.2	16.3	18.2	64.92	-619.5	217.5	642.7	611.4	31.34	20.510		
7,250.0	7,116.5	7,088.7	6,850.4	16.7	18.5	64.08	-619.1	253.1	646.6	614.8	31.82	20.323		
7,300.0	7,140.9	7,123.8	6,862.4	17.2	18.8	63.38	-618.7	286.1	650.1	617.8	32.39	20.072		
7,350.0	7,162.1	7,158.8	6,872.8	17.8	19.2	62.78	-618.3	319.5	653.3	620.2	33.09	19.742		
7,400.0	7,180.2	7,200.0	6,882.9	18.5	19.7	62.21	-617.8	359.4	656.1	622.0	34.01	19.292		
7,450.0	7,195.0	7,228.4	6,888.5	19.2	20.1	61.85	-617.5	387.3	658.3	623.3	34.93	18.843		
7,500.0	7,206.4	7,263.1	6,893.9	20.0	20.7	61.52	-617.1	421.5	660.1	624.0	36.07	18.299		
7,550.0	7,214.4	7,300.0	6,897.7	20.9	21.3	61.28	-616.6	458.2	661.3	624.0	37.38	17.693		
7,600.0	7,218.9	7,332.3	6,899.6	21.8	21.9	61.15	-616.3	490.5	662.1	623.3	38.76	17.083		
7,639.9	7,220.0	7,361.2	6,900.0	22.6	22.5	61.11	-615.9	519.3	662.3	622.4	39.99	16.564		
7,700.0	7,220.0	7,421.3	6,900.0	23.8	23.7	61.11	-615.2	579.5	662.3	620.2	42.14	15.716		
7,800.0	7,220.0	7,521.3	6,900.0	25.9	25.8	61.11	-614.1	679.5	662.3	616.4	45.92	14.423		
7,900.0	7,220.0	7,621.3	6,900.0	28.1	28.0	61.11	-612.9	779.4	662.3	612.4	49.90	13.272		
8,000.0	7,220.0	7,721.3	6,900.0	30.4	30.3	61.11	-611.7	879.4	662.3	608.3	54.05	12.254		
8,100.0	7,220.0	7,821.3	6,900.0	32.9	32.7	61.11	-610.5	979.4	662.3	604.0	58.32	11.356		
8,200.0	7,220.0	7,921.3	6,900.0	35.3	35.2	61.11	-609.4	1,079.4	662.3	599.6	62.70	10.564		
8,300.0	7,220.0	8,021.3	6,900.0	37.8	37.7	61.11	-608.2	1,179.4	662.3	595.1	67.15	9.863		
8,400.0	7,220.0	8,121.3	6,900.0	40.4	40.3	61.11	-607.0	1,279.4	662.3	590.6	71.67	9.241		
8,500.0	7,220.0	8,221.3	6,900.0	43.0	42.8	61.11	-605.9	1,379.4	662.3	586.0	76.25	8.686		
8,600.0	7,220.0	8,321.3	6,900.0	45.6	45.4	61.11	-604.7	1,479.4	662.3	581.4	80.87	8.190		

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

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-A - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.0	7,220.0	8,421.3	6,900.0	48.2	48.1	61.11	-603.5	1,579.4	662.3	576.7	85.52	7.744		
8,800.0	7,220.0	8,521.3	6,900.0	50.9	50.7	61.11	-602.3	1,679.4	662.3	572.0	90.21	7.341		
8,900.0	7,220.0	8,621.3	6,900.0	53.5	53.4	61.11	-601.2	1,779.4	662.3	567.3	94.93	6.976		
9,000.0	7,220.0	8,721.3	6,900.0	56.2	56.1	61.11	-600.0	1,879.4	662.2	562.6	99.67	6.644		
9,100.0	7,220.0	8,821.3	6,900.0	58.9	58.7	61.10	-598.8	1,979.4	662.2	557.8	104.43	6.341		
9,200.0	7,220.0	8,921.3	6,900.0	61.6	61.4	61.10	-597.7	2,079.4	662.2	553.0	109.21	6.064		
9,300.0	7,220.0	9,021.3	6,900.0	64.3	64.2	61.10	-596.5	2,179.4	662.2	548.2	114.00	5.809		
9,400.0	7,220.0	9,121.3	6,900.0	67.0	66.9	61.10	-595.3	2,279.3	662.2	543.4	118.81	5.574		
9,500.0	7,220.0	9,221.3	6,900.0	69.7	69.6	61.10	-594.1	2,379.3	662.2	538.6	123.63	5.357		
9,600.0	7,220.0	9,321.3	6,900.0	72.5	72.3	61.10	-593.0	2,479.3	662.2	533.8	128.45	5.155		
9,700.0	7,220.0	9,421.3	6,900.0	75.2	75.1	61.10	-591.8	2,579.3	662.2	528.9	133.29	4.968		
9,800.0	7,220.0	9,521.3	6,900.0	77.9	77.8	61.10	-590.6	2,679.3	662.2	524.1	138.14	4.794		
9,900.0	7,220.0	9,621.3	6,900.0	80.7	80.5	61.10	-589.5	2,779.3	662.2	519.2	142.99	4.631		
10,000.0	7,220.0	9,721.3	6,900.0	83.4	83.3	61.10	-588.3	2,879.3	662.2	514.3	147.85	4.479		
10,100.0	7,220.0	9,821.3	6,900.0	86.2	86.0	61.10	-587.1	2,979.3	662.2	509.5	152.72	4.336		
10,200.0	7,220.0	9,921.3	6,900.0	89.0	88.8	61.10	-585.9	3,079.3	662.2	504.6	157.59	4.202		
10,300.0	7,220.0	10,021.3	6,900.0	91.7	91.6	61.10	-584.8	3,179.3	662.2	499.7	162.47	4.076		
10,400.0	7,220.0	10,121.3	6,900.0	94.5	94.3	61.10	-583.6	3,279.3	662.2	494.8	167.35	3.957		
10,500.0	7,220.0	10,221.3	6,900.0	97.2	97.1	61.10	-582.4	3,379.3	662.1	489.9	172.24	3.844		
10,600.0	7,220.0	10,321.3	6,900.0	100.0	99.8	61.10	-581.2	3,479.3	662.1	485.0	177.13	3.738		
10,700.0	7,220.0	10,421.3	6,900.0	102.8	102.6	61.10	-580.1	3,579.3	662.1	480.1	182.02	3.638		
10,800.0	7,220.0	10,521.3	6,900.0	105.5	105.4	61.10	-578.9	3,679.3	662.1	475.2	186.92	3.542		
10,900.0	7,220.0	10,621.3	6,900.0	108.3	108.2	61.10	-577.7	3,779.2	662.1	470.3	191.82	3.452		
11,000.0	7,220.0	10,721.3	6,900.0	111.1	110.9	61.10	-576.6	3,879.2	662.1	465.4	196.72	3.366		
11,100.0	7,220.0	10,821.3	6,900.0	113.9	113.7	61.10	-575.4	3,979.2	662.1	460.5	201.63	3.284		
11,200.0	7,220.0	10,921.3	6,900.0	116.6	116.5	61.10	-574.2	4,079.2	662.1	455.6	206.54	3.206		
11,300.0	7,220.0	11,021.3	6,900.0	119.4	119.3	61.10	-573.0	4,179.2	662.1	450.6	211.45	3.131		
11,400.0	7,220.0	11,121.3	6,900.0	122.2	122.0	61.10	-571.9	4,279.2	662.1	445.7	216.36	3.060		
11,500.0	7,220.0	11,221.3	6,900.0	125.0	124.8	61.10	-570.7	4,379.2	662.1	440.8	221.27	2.992		
11,600.0	7,220.0	11,321.3	6,900.0	127.8	127.6	61.10	-569.5	4,479.2	662.1	435.9	226.19	2.927		
11,700.0	7,220.0	11,421.3	6,900.0	130.5	130.2	61.10	-568.4	4,579.2	662.1	431.1	230.92	2.867		
11,709.7	7,220.0	11,431.0	6,900.0	130.8	130.3	61.10	-568.2	4,588.8	662.1	430.8	231.31	2.862		
11,714.6	7,220.0	11,431.0	6,900.0	131.0	130.3	61.10	-568.2	4,588.8	662.1	430.7	231.43	2.861 SF		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	180.00	-80.1	0.0	80.1					
100.0	100.0	100.0	100.0	0.1	0.1	180.00	-80.1	0.0	80.1	79.9	0.22	356.547		
200.0	200.0	200.0	200.0	0.3	0.3	180.00	-80.1	0.0	80.1	79.5	0.67	118.849		
300.0	300.0	300.0	300.0	0.6	0.6	180.00	-80.1	0.0	80.1	79.0	1.12	71.309		
400.0	400.0	400.0	400.0	0.8	0.8	180.00	-80.1	0.0	80.1	78.6	1.57	50.935		
500.0	500.0	500.0	500.0	1.0	1.0	180.00	-80.1	0.0	80.1	78.1	2.02	39.616		
600.0	600.0	600.0	600.0	1.2	1.2	180.00	-80.1	0.0	80.1	77.7	2.47	32.413		
700.0	700.0	700.0	700.0	1.5	1.5	180.00	-80.1	0.0	80.1	77.2	2.92	27.427		
800.0	800.0	800.0	800.0	1.7	1.7	180.00	-80.1	0.0	80.1	76.8	3.37	23.770 CC, ES		
900.0	900.0	898.0	898.0	1.9	1.9	-179.80	-81.4	-0.3	81.4	77.6	3.79	21.482		
1,000.0	1,000.0	995.8	995.7	2.1	2.1	-179.22	-85.0	-1.2	85.1	81.0	4.19	20.330		
1,100.0	1,100.0	1,093.4	1,093.1	2.4	2.2	-178.37	-91.1	-2.6	91.4	86.8	4.60	19.871		
1,200.0	1,200.0	1,190.6	1,189.9	2.6	2.4	-177.36	-99.6	-4.6	100.2	95.1	5.03	19.921		
1,300.0	1,300.0	1,287.3	1,286.0	2.8	2.7	-176.30	-110.4	-7.1	111.5	106.0	5.48	20.345		
1,400.0	1,400.0	1,383.4	1,381.1	3.0	2.9	-175.27	-123.4	-10.2	125.3	119.3	5.95	21.039		
1,500.0	1,500.0	1,478.8	1,475.2	3.3	3.2	-174.31	-138.7	-13.8	141.6	135.1	6.46	21.918		
1,600.0	1,600.0	1,573.3	1,568.0	3.5	3.5	-173.45	-156.1	-17.9	160.3	153.3	6.99	22.932		
1,700.0	1,700.0	1,671.1	1,663.8	3.7	3.9	-70.51	-175.3	-22.5	180.0	172.8	7.18	25.077		
1,800.0	1,799.9	1,769.3	1,760.0	3.9	4.2	-70.68	-194.6	-27.0	198.8	191.2	7.60	26.162		
1,900.0	1,899.7	1,867.6	1,856.2	4.1	4.6	-71.45	-214.0	-31.6	216.8	208.8	8.04	26.981		
2,000.0	1,999.3	1,965.9	1,952.5	4.3	5.0	-72.69	-233.3	-36.2	234.1	225.6	8.49	27.571		
2,035.9	2,034.9	2,001.2	1,987.1	4.4	5.1	-73.23	-240.3	-37.8	240.2	231.5	8.66	27.734		
2,100.0	2,098.6	2,064.2	2,048.8	4.5	5.4	-74.34	-252.7	-40.7	251.0	242.0	8.97	27.983		
2,200.0	2,198.0	2,162.5	2,145.1	4.8	5.8	-75.90	-272.0	-45.3	268.0	258.6	9.46	28.320		
2,300.0	2,297.3	2,260.8	2,241.3	5.0	6.2	-77.28	-291.4	-49.8	285.2	275.3	9.97	28.599		
2,400.0	2,396.7	2,359.1	2,337.6	5.3	6.6	-78.49	-310.7	-54.4	302.6	292.1	10.50	28.830		
2,500.0	2,496.0	2,457.4	2,433.8	5.5	7.1	-79.58	-330.0	-59.0	320.0	309.0	11.03	29.020		
2,600.0	2,595.4	2,555.7	2,530.1	5.8	7.5	-80.55	-349.4	-63.5	337.6	326.0	11.57	29.176		
2,700.0	2,694.7	2,654.0	2,626.4	6.1	7.9	-81.42	-368.7	-68.1	355.3	343.1	12.12	29.305		
2,800.0	2,794.1	2,752.3	2,722.6	6.3	8.3	-82.22	-388.1	-72.7	373.0	360.3	12.68	29.411		
2,900.0	2,893.4	2,850.5	2,818.9	6.6	8.7	-82.94	-407.4	-77.2	390.8	377.5	13.25	29.497		
3,000.0	2,992.8	2,948.8	2,915.2	6.9	9.2	-83.60	-426.8	-81.8	408.6	394.8	13.82	29.567		
3,100.0	3,092.1	3,047.1	3,011.4	7.2	9.6	-84.20	-446.1	-86.4	426.5	412.1	14.40	29.624		
3,200.0	3,191.5	3,145.4	3,107.7	7.5	10.0	-84.76	-465.4	-90.9	444.4	429.4	14.98	29.671		
3,300.0	3,290.8	3,243.7	3,203.9	7.8	10.5	-85.27	-484.8	-95.5	462.4	446.8	15.56	29.708		
3,400.0	3,390.2	3,342.0	3,300.2	8.1	10.9	-85.74	-504.1	-100.1	480.4	464.2	16.15	29.737		
3,484.2	3,473.8	3,424.7	3,381.2	8.3	11.3	-86.11	-520.4	-103.9	495.6	478.9	16.65	29.757		
3,500.0	3,489.5	3,440.3	3,396.5	8.3	11.3	-86.23	-523.5	-104.6	498.4	481.7	16.75	29.766		
3,600.0	3,589.1	3,538.6	3,492.7	8.6	11.8	-86.75	-542.8	-109.2	516.6	499.3	17.27	29.907		
3,700.0	3,689.0	3,636.9	3,589.0	8.8	12.2	-86.89	-562.2	-113.8	535.0	517.2	17.77	30.112		
3,800.0	3,788.9	3,735.0	3,685.1	9.0	12.6	-86.68	-581.5	-118.3	553.6	535.4	18.22	30.382		
3,811.1	3,800.0	3,745.8	3,695.7	9.0	12.7	171.06	-583.6	-118.8	555.7	535.3	20.35	27.308		
3,900.0	3,888.9	3,832.9	3,781.0	9.1	13.1	171.74	-600.7	-122.9	572.4	551.5	20.93	27.354		
4,000.0	3,988.9	3,930.8	3,876.9	9.3	13.5	172.46	-620.0	-127.4	591.3	569.7	21.59	27.393		
4,100.0	4,088.9	4,028.8	3,972.8	9.5	13.9	173.13	-639.3	-132.0	610.3	588.1	22.25	27.433		
4,200.0	4,188.9	4,126.7	4,068.7	9.7	14.4	173.77	-658.5	-136.5	629.4	606.5	22.91	27.474		
4,300.0	4,288.9	4,224.6	4,164.6	9.9	14.8	174.36	-677.8	-141.1	648.5	625.0	23.57	27.515		
4,400.0	4,388.9	4,322.6	4,260.5	10.1	15.2	174.92	-697.1	-145.6	667.7	643.5	24.23	27.556		
4,500.0	4,488.9	4,420.5	4,356.4	10.3	15.7	175.45	-716.4	-150.2	687.0	662.1	24.89	27.597		
4,600.0	4,588.9	4,518.4	4,452.3	10.5	16.1	175.95	-735.6	-154.7	706.3	680.7	25.56	27.637		
4,700.0	4,688.9	4,616.4	4,548.3	10.7	16.5	176.43	-754.9	-159.3	725.7	699.4	26.22	27.678		
4,800.0	4,788.9	4,714.3	4,644.2	10.9	17.0	176.88	-774.2	-163.8	745.1	718.2	26.88	27.718		

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

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,888.9	4,812.3	4,740.1	11.2	17.4	177.31	-793.5	-168.4	764.5	737.0	27.54	27.757		
5,000.0	4,988.9	4,910.2	4,836.0	11.4	17.8	177.71	-812.7	-172.9	784.0	755.8	28.21	27.796		
5,100.0	5,088.9	5,008.1	4,931.9	11.6	18.3	178.10	-832.0	-177.5	803.5	774.7	28.87	27.834		
5,200.0	5,188.9	5,106.1	5,027.8	11.8	18.7	178.47	-851.3	-182.0	823.1	793.6	29.53	27.872		
5,300.0	5,288.9	5,205.2	5,124.9	12.0	19.2	178.82	-870.8	-186.6	842.7	812.5	30.20	27.907		
5,400.0	5,388.9	5,343.5	5,261.0	12.2	19.6	179.23	-894.6	-192.2	859.9	829.0	30.88	27.841		
5,500.0	5,488.9	5,483.9	5,400.2	12.4	19.9	179.52	-912.2	-196.4	872.4	840.9	31.45	27.736		
5,600.0	5,588.9	5,625.8	5,541.6	12.6	20.2	179.70	-923.3	-199.0	880.2	848.2	31.95	27.551		
5,700.0	5,688.9	5,768.4	5,684.2	12.8	20.4	179.77	-927.5	-200.0	883.1	850.7	32.38	27.275		
5,800.0	5,788.9	5,873.1	5,788.9	13.0	20.5	179.77	-927.5	-200.0	883.1	850.4	32.72	26.994		
5,900.0	5,888.9	5,973.1	5,888.9	13.2	20.7	179.77	-927.5	-200.0	883.1	850.1	33.05	26.725		
6,000.0	5,988.9	6,073.1	5,988.9	13.5	20.8	179.77	-927.5	-200.0	883.1	849.8	33.38	26.461		
6,100.0	6,088.9	6,173.1	6,088.9	13.7	20.9	179.77	-927.5	-200.0	883.1	849.4	33.71	26.200		
6,200.0	6,188.9	6,273.2	6,189.0	13.9	21.0	179.77	-927.5	-200.0	883.1	849.1	34.04	25.942		
6,293.0	6,282.0	6,366.5	6,282.0	14.1	21.1	179.33	-927.5	-193.2	883.1	848.8	34.34	25.717		
6,300.0	6,288.9	6,373.4	6,288.8	14.1	21.1	179.26	-927.4	-192.3	883.1	848.8	34.36	25.701		
6,400.0	6,388.9	6,469.6	6,382.7	14.3	21.2	177.94	-927.2	-171.8	883.4	848.8	34.63	25.506		
6,500.0	6,488.9	6,558.9	6,466.8	14.5	21.2	175.99	-926.9	-141.7	884.9	850.0	34.87	25.374		
6,514.9	6,503.8	6,571.5	6,478.3	14.6	21.2	175.66	-926.8	-136.7	885.3	850.4	34.91	25.361		
6,550.0	6,538.9	6,600.0	6,504.0	14.6	21.2	85.49	-926.7	-124.4	886.4	856.4	29.99	29.561		
6,600.0	6,588.7	6,641.7	6,540.7	14.7	21.2	84.27	-926.4	-104.7	888.4	858.2	30.16	29.453		
6,650.0	6,638.1	6,681.9	6,575.0	14.8	21.2	83.09	-926.2	-83.7	890.7	860.3	30.32	29.371		
6,700.0	6,686.9	6,721.4	6,607.5	14.8	21.2	81.94	-925.9	-61.3	893.3	862.8	30.48	29.310		
6,750.0	6,734.7	6,760.3	6,638.2	14.9	21.2	80.83	-925.6	-37.4	896.1	865.5	30.62	29.266		
6,800.0	6,781.5	6,800.0	6,668.2	14.9	21.3	79.73	-925.3	-11.4	899.2	868.4	30.76	29.230		
6,850.0	6,826.8	6,836.5	6,694.4	15.0	21.3	78.73	-925.0	14.0	902.4	871.5	30.91	29.199		
6,900.0	6,870.6	6,873.9	6,719.9	15.1	21.3	77.74	-924.7	41.3	905.8	874.7	31.06	29.165		
6,950.0	6,912.6	6,910.9	6,743.7	15.2	21.3	76.80	-924.4	69.6	909.2	877.9	31.26	29.086		
7,000.0	6,952.7	6,950.0	6,767.3	15.3	21.4	75.87	-924.0	100.9	912.5	881.1	31.48	28.990		
7,050.0	6,990.5	6,983.8	6,786.2	15.5	21.4	75.08	-923.7	128.9	915.9	884.1	31.75	28.846		
7,100.0	7,026.0	7,019.8	6,804.9	15.7	21.5	74.31	-923.3	159.6	919.1	887.0	32.09	28.642		
7,150.0	7,058.9	7,050.0	6,819.4	16.0	21.5	73.67	-923.0	186.1	922.3	889.8	32.47	28.406		
7,200.0	7,089.1	7,091.1	6,837.3	16.3	21.6	72.94	-922.6	223.1	925.2	892.2	33.04	28.004		
7,250.0	7,116.5	7,126.4	6,851.0	16.7	21.7	72.36	-922.2	255.7	928.0	894.3	33.68	27.549		
7,300.0	7,140.9	7,161.6	6,862.9	17.2	21.9	71.83	-921.8	288.7	930.5	896.0	34.45	27.011		
7,350.0	7,162.1	7,200.0	6,874.1	17.8	22.1	71.35	-921.4	325.5	932.7	897.3	35.38	26.363		
7,400.0	7,180.2	7,231.5	6,881.9	18.5	22.3	70.99	-921.0	356.0	934.6	898.2	36.38	25.688		
7,450.0	7,195.0	7,266.2	6,888.8	19.2	22.6	70.67	-920.6	390.0	936.2	898.7	37.55	24.931		
7,500.0	7,206.4	7,300.0	6,894.0	20.0	22.9	70.42	-920.2	423.4	937.5	898.7	38.84	24.141		
7,550.0	7,214.4	7,335.6	6,897.7	20.9	23.3	70.23	-919.8	458.7	938.5	898.2	40.28	23.299		
7,600.0	7,218.9	7,370.1	6,899.6	21.8	23.8	70.12	-919.4	493.3	939.1	897.2	41.81	22.459		
7,639.9	7,220.0	7,399.8	6,900.0	22.6	24.2	70.08	-919.1	522.9	939.2	896.1	43.14	21.773		
7,700.0	7,220.0	7,459.9	6,900.0	23.8	25.2	70.08	-918.4	583.0	939.2	893.8	45.42	20.678		
7,800.0	7,220.0	7,559.9	6,900.0	25.9	27.1	70.08	-917.2	683.0	939.2	889.8	49.41	19.008		
7,900.0	7,220.0	7,659.9	6,900.0	28.1	29.2	70.08	-916.0	783.0	939.2	885.6	53.63	17.513		
8,000.0	7,220.0	7,759.9	6,900.0	30.4	31.4	70.08	-914.8	883.0	939.2	881.2	58.03	16.186		
8,100.0	7,220.0	7,859.9	6,900.0	32.9	33.7	70.08	-913.7	983.0	939.2	876.6	62.56	15.013		
8,200.0	7,220.0	7,959.9	6,900.0	35.3	36.0	70.08	-912.5	1,083.0	939.2	872.0	67.21	13.975		
8,300.0	7,220.0	8,059.9	6,900.0	37.8	38.5	70.08	-911.3	1,183.0	939.2	867.3	71.94	13.055		
8,400.0	7,220.0	8,159.9	6,900.0	40.4	41.0	70.08	-910.1	1,283.0	939.2	862.4	76.75	12.237		
8,500.0	7,220.0	8,259.9	6,900.0	43.0	43.5	70.08	-909.0	1,383.0	939.2	857.6	81.62	11.507		
8,600.0	7,220.0	8,359.9	6,900.0	45.6	46.1	70.08	-907.8	1,483.0	939.2	852.6	86.54	10.853		

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

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista D-2N-C - Wellbore #1 - Plan #2 (9-21-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
8,700.0	7,220.0	8,459.9	6,900.0	48.2	48.7	70.08	-906.6	1,583.0	939.2	847.7	91.50	10.264		
8,800.0	7,220.0	8,559.9	6,900.0	50.9	51.3	70.08	-905.5	1,683.0	939.2	842.7	96.49	9.733		
8,900.0	7,220.0	8,659.9	6,900.0	53.5	53.9	70.08	-904.3	1,782.9	939.1	837.6	101.52	9.251		
9,000.0	7,220.0	8,759.9	6,900.0	56.2	56.6	70.08	-903.1	1,882.9	939.1	832.6	106.57	8.812		
9,100.0	7,220.0	8,859.9	6,900.0	58.9	59.2	70.08	-901.9	1,982.9	939.1	827.5	111.65	8.411		
9,200.0	7,220.0	8,959.9	6,900.0	61.6	61.9	70.08	-900.8	2,082.9	939.1	822.4	116.74	8.044		
9,300.0	7,220.0	9,059.9	6,900.0	64.3	64.6	70.08	-899.6	2,182.9	939.1	817.3	121.85	7.707		
9,400.0	7,220.0	9,159.9	6,900.0	67.0	67.3	70.08	-898.4	2,282.9	939.1	812.1	126.98	7.396		
9,500.0	7,220.0	9,259.9	6,900.0	69.7	70.0	70.08	-897.2	2,382.9	939.1	807.0	132.12	7.108		
9,600.0	7,220.0	9,359.9	6,900.0	72.5	72.7	70.08	-896.1	2,482.9	939.1	801.8	137.27	6.841		
9,700.0	7,220.0	9,459.9	6,900.0	75.2	75.4	70.08	-894.9	2,582.9	939.1	796.6	142.43	6.593		
9,800.0	7,220.0	9,559.9	6,900.0	77.9	78.2	70.08	-893.7	2,682.9	939.1	791.5	147.60	6.362		
9,900.0	7,220.0	9,659.9	6,900.0	80.7	80.9	70.08	-892.5	2,782.9	939.1	786.3	152.78	6.146		
10,000.0	7,220.0	9,759.9	6,900.0	83.4	83.6	70.08	-891.4	2,882.9	939.0	781.1	157.97	5.944		
10,100.0	7,220.0	9,859.9	6,900.0	86.2	86.4	70.08	-890.2	2,982.9	939.0	775.9	163.16	5.755		
10,200.0	7,220.0	9,959.9	6,900.0	89.0	89.1	70.08	-889.0	3,082.9	939.0	770.7	168.36	5.577		
10,300.0	7,220.0	10,059.9	6,900.0	91.7	91.9	70.08	-887.9	3,182.8	939.0	765.5	173.57	5.410		
10,400.0	7,220.0	10,159.9	6,900.0	94.5	94.6	70.08	-886.7	3,282.8	939.0	760.2	178.78	5.252		
10,500.0	7,220.0	10,259.9	6,900.0	97.2	97.4	70.08	-885.5	3,382.8	939.0	755.0	184.00	5.103		
10,600.0	7,220.0	10,359.9	6,900.0	100.0	100.1	70.08	-884.3	3,482.8	939.0	749.8	189.22	4.963		
10,700.0	7,220.0	10,459.9	6,900.0	102.8	102.9	70.07	-883.2	3,582.8	939.0	744.5	194.44	4.829		
10,800.0	7,220.0	10,559.9	6,900.0	105.5	105.6	70.07	-882.0	3,682.8	939.0	739.3	199.67	4.703		
10,900.0	7,220.0	10,659.9	6,900.0	108.3	108.4	70.07	-880.8	3,782.8	939.0	734.1	204.90	4.583		
11,000.0	7,220.0	10,759.9	6,900.0	111.1	111.2	70.07	-879.6	3,882.8	939.0	728.8	210.13	4.468		
11,100.0	7,220.0	10,859.9	6,900.0	113.9	113.9	70.07	-878.5	3,982.8	939.0	723.6	215.37	4.360		
11,200.0	7,220.0	10,959.9	6,900.0	116.6	116.7	70.07	-877.3	4,082.8	938.9	718.3	220.61	4.256		
11,300.0	7,220.0	11,059.9	6,900.0	119.4	119.5	70.07	-876.1	4,182.8	938.9	713.1	225.85	4.157		
11,400.0	7,220.0	11,159.9	6,900.0	122.2	122.3	70.07	-875.0	4,282.8	938.9	707.8	231.10	4.063		
11,500.0	7,220.0	11,259.9	6,900.0	125.0	125.0	70.07	-873.8	4,382.8	938.9	702.6	236.34	3.973		
11,600.0	7,220.0	11,359.9	6,900.0	127.8	127.8	70.07	-872.6	4,482.8	938.9	697.3	241.59	3.886		
11,700.0	7,220.0	11,459.9	6,900.0	130.5	130.6	70.07	-871.4	4,582.8	938.9	692.1	246.84	3.804		
11,707.0	7,220.0	11,466.9	6,900.0	130.7	130.8	70.07	-871.4	4,589.7	938.9	691.7	247.21	3.798		
11,714.6	7,220.0	11,466.9	6,900.0	131.0	130.8	70.07	-871.4	4,589.7	938.9	691.5	247.41	3.795 SF		

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

Offset Design													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	39.7	0.0	39.7					
100.0	100.0	100.0	100.0	0.1	0.1	0.00	39.7	0.0	39.7	39.5	0.22	176.653		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	39.7	0.0	39.7	39.0	0.67	58.884		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	39.7	0.0	39.7	38.6	1.12	35.331		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	39.7	0.0	39.7	38.1	1.57	25.236		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	39.7	0.0	39.7	37.7	2.02	19.628		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	39.7	0.0	39.7	37.2	2.47	16.059		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	39.7	0.0	39.7	36.8	2.92	13.589		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	39.7	0.0	39.7	36.3	3.37	11.777		
900.0	900.0	900.0	900.0	1.9	1.9	0.00	39.7	0.0	39.7	35.9	3.82	10.391		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	0.00	39.7	0.0	39.7	35.4	4.27	9.298		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	0.00	39.7	0.0	39.7	35.0	4.72	8.412		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	0.00	39.7	0.0	39.7	34.5	5.17	7.681		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	0.00	39.7	0.0	39.7	34.1	5.62	7.066		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	0.00	39.7	0.0	39.7	33.6	6.07	6.543 CC, ES		
1,500.0	1,500.0	1,499.2	1,499.2	3.3	3.3	-1.20	40.7	-0.9	40.7	34.2	6.51	6.248		
1,600.0	1,600.0	1,598.3	1,598.2	3.5	3.5	-4.47	43.6	-3.4	43.7	36.8	6.95	6.289		
1,700.0	1,700.0	1,697.1	1,696.8	3.7	3.7	94.75	48.4	-7.6	49.2	41.8	7.39	6.656		
1,800.0	1,799.9	1,795.7	1,794.9	3.9	3.9	93.50	55.1	-13.5	57.0	49.2	7.81	7.304		
1,900.0	1,899.7	1,894.1	1,892.7	4.1	4.2	93.58	63.6	-21.1	67.2	58.9	8.24	8.149		
2,000.0	1,999.3	1,993.5	1,991.3	4.3	4.4	95.19	72.8	-29.2	78.2	69.5	8.69	8.995		
2,035.9	2,034.9	2,029.1	2,026.7	4.4	4.5	96.09	76.1	-32.1	82.2	73.4	8.86	9.281		
2,100.0	2,098.6	2,092.7	2,089.8	4.5	4.7	97.79	82.0	-37.3	89.5	80.4	9.16	9.770		
2,200.0	2,198.0	2,192.0	2,188.3	4.8	4.9	99.95	91.2	-45.5	101.0	91.4	9.65	10.472		
2,300.0	2,297.3	2,291.3	2,286.9	5.0	5.2	101.66	100.5	-53.6	112.7	102.5	10.14	11.105		
2,400.0	2,396.7	2,390.5	2,385.4	5.3	5.5	103.05	109.7	-61.7	124.4	113.7	10.65	11.675		
2,500.0	2,496.0	2,489.8	2,483.9	5.5	5.8	104.20	118.9	-69.8	136.1	125.0	11.17	12.188		
2,600.0	2,595.4	2,589.1	2,582.4	5.8	6.1	105.17	128.1	-78.0	147.9	136.2	11.69	12.652		
2,700.0	2,694.7	2,688.4	2,680.9	6.1	6.4	106.00	137.3	-86.1	159.8	147.6	12.22	13.071		
2,800.0	2,794.1	2,787.6	2,779.4	6.3	6.6	106.71	146.5	-94.2	171.7	158.9	12.76	13.452		
2,900.0	2,893.4	2,886.9	2,877.9	6.6	6.9	107.33	155.7	-102.4	183.6	170.2	13.30	13.799		
3,000.0	2,992.8	2,986.2	2,976.4	6.9	7.2	107.87	165.0	-110.5	195.5	181.6	13.85	14.115		
3,100.0	3,092.1	3,085.4	3,074.9	7.2	7.5	108.35	174.2	-118.6	207.4	193.0	14.40	14.404		
3,200.0	3,191.5	3,184.7	3,173.4	7.5	7.8	108.78	183.4	-126.7	219.3	204.4	14.95	14.669		
3,300.0	3,290.8	3,284.0	3,271.9	7.8	8.1	109.17	192.6	-134.9	231.3	215.8	15.51	14.913		
3,400.0	3,390.2	3,383.3	3,370.4	8.1	8.4	109.51	201.8	-143.0	243.3	227.2	16.07	15.138		
3,484.2	3,473.8	3,466.8	3,453.3	8.3	8.7	109.78	209.6	-149.8	253.3	236.8	16.54	15.315		
3,500.0	3,489.5	3,482.5	3,469.0	8.3	8.7	109.85	211.0	-151.1	255.2	238.6	16.63	15.348		
3,600.0	3,589.1	3,581.9	3,567.6	8.6	9.0	109.89	220.2	-159.3	266.4	249.3	17.14	15.547		
3,700.0	3,689.0	3,681.3	3,666.2	8.8	9.4	109.23	229.5	-167.4	276.5	258.8	17.62	15.690		
3,800.0	3,788.9	3,780.6	3,764.8	9.0	9.7	107.94	238.7	-175.5	285.5	267.4	18.08	15.793		
3,811.1	3,800.0	3,791.6	3,775.7	9.0	9.7	5.46	239.7	-176.4	286.4	269.2	17.23	16.627		
3,900.0	3,888.9	3,879.9	3,863.2	9.1	10.0	3.90	247.9	-183.6	294.1	276.4	17.66	16.652		
4,000.0	3,988.9	3,980.5	3,963.1	9.3	10.3	2.23	257.2	-191.8	302.9	284.8	18.16	16.677		
4,100.0	4,088.9	4,088.5	4,070.5	9.5	10.5	0.87	265.2	-198.9	310.2	291.6	18.63	16.650		
4,200.0	4,188.9	4,197.1	4,179.0	9.7	10.7	0.05	270.2	-203.3	314.7	295.7	19.07	16.507		
4,300.0	4,288.9	4,306.1	4,287.9	9.9	10.9	-0.25	272.1	-205.0	316.5	297.0	19.48	16.251		
4,400.0	4,388.9	4,407.1	4,388.9	10.1	11.1	-0.25	272.1	-205.0	316.5	296.6	19.87	15.928		
4,500.0	4,488.9	4,507.1	4,488.9	10.3	11.3	-0.25	272.1	-205.0	316.5	296.2	20.29	15.603		
4,600.0	4,588.9	4,607.1	4,588.9	10.5	11.5	-0.25	272.1	-205.0	316.5	295.8	20.70	15.290		
4,700.0	4,688.9	4,707.1	4,688.9	10.7	11.7	-0.25	272.1	-205.0	316.5	295.4	21.12	14.988		
4,800.0	4,788.9	4,807.1	4,788.9	10.9	11.9	-0.25	272.1	-205.0	316.5	295.0	21.53	14.697		

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

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

Offset Design SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 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
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
4,900.0	4,888.9	4,907.1	4,888.9	11.2	12.1	-0.25	272.1	-205.0	316.5	294.6	21.95	14.417		
5,000.0	4,988.9	5,007.1	4,988.9	11.4	12.3	-0.25	272.1	-205.0	316.5	294.1	22.37	14.146		
5,100.0	5,088.9	5,107.1	5,088.9	11.6	12.5	-0.25	272.1	-205.0	316.5	293.7	22.80	13.885		
5,200.0	5,188.9	5,207.1	5,188.9	11.8	12.6	-0.25	272.1	-205.0	316.5	293.3	23.22	13.632		
5,300.0	5,288.9	5,307.1	5,288.9	12.0	12.8	-0.25	272.1	-205.0	316.5	292.9	23.64	13.388		
5,400.0	5,388.9	5,407.1	5,388.9	12.2	13.0	-0.25	272.1	-205.0	316.5	292.4	24.07	13.152		
5,500.0	5,488.9	5,507.1	5,488.9	12.4	13.2	-0.25	272.1	-205.0	316.5	292.0	24.49	12.924		
5,600.0	5,588.9	5,607.1	5,588.9	12.6	13.5	-0.25	272.1	-205.0	316.5	291.6	24.92	12.703		
5,700.0	5,688.9	5,707.1	5,688.9	12.8	13.7	-0.25	272.1	-205.0	316.5	291.2	25.34	12.489		
5,800.0	5,788.9	5,807.1	5,788.9	13.0	13.9	-0.25	272.1	-205.0	316.5	290.7	25.77	12.281		
5,900.0	5,888.9	5,907.1	5,888.9	13.2	14.1	-0.25	272.1	-205.0	316.5	290.3	26.20	12.081		
6,000.0	5,988.9	6,007.1	5,988.9	13.5	14.3	-0.25	272.1	-205.0	316.5	289.9	26.63	11.886		
6,100.0	6,088.9	6,107.1	6,088.9	13.7	14.5	-0.25	272.1	-205.0	316.5	289.5	27.06	11.697		
6,164.9	6,153.8	6,172.0	6,153.8	13.8	14.6	-0.25	272.1	-205.0	316.5	289.2	27.34	11.578		
6,200.0	6,188.9	6,207.1	6,188.9	13.9	14.7	-0.25	272.1	-205.0	316.5	289.0	27.49	11.515		
6,300.0	6,288.9	6,306.0	6,287.5	14.1	14.8	1.11	272.2	-197.5	316.7	288.8	27.88	11.360		
6,400.0	6,388.9	6,401.2	6,380.4	14.3	14.9	4.71	272.4	-177.5	318.0	289.8	28.22	11.267		
6,500.0	6,488.9	6,489.6	6,463.7	14.5	15.0	9.94	272.8	-148.0	323.0	294.4	28.56	11.310		
6,514.9	6,503.8	6,500.0	6,473.3	14.6	15.0	10.66	272.8	-143.9	324.2	295.6	28.61	11.335		
6,550.0	6,538.9	6,531.1	6,501.4	14.6	15.0	-76.25	273.0	-130.7	327.6	298.3	29.30	11.180		
6,600.0	6,588.7	6,571.7	6,537.3	14.7	15.1	-73.12	273.2	-111.7	333.2	303.8	29.43	11.323		
6,650.0	6,638.1	6,611.6	6,571.4	14.8	15.1	-70.16	273.4	-91.0	339.6	310.1	29.52	11.506		
6,700.0	6,686.9	6,650.0	6,603.2	14.8	15.1	-67.41	273.7	-69.4	346.7	317.1	29.56	11.728		
6,750.0	6,734.7	6,689.5	6,634.5	14.9	15.1	-64.74	274.0	-45.4	354.3	324.7	29.57	11.983		
6,800.0	6,781.5	6,727.7	6,663.5	14.9	15.2	-62.30	274.3	-20.6	362.2	332.7	29.52	12.270		
6,850.0	6,826.8	6,765.3	6,690.8	15.0	15.3	-60.04	274.6	5.3	370.3	340.8	29.41	12.588		
6,900.0	6,870.6	6,800.0	6,714.7	15.1	15.4	-58.07	274.9	30.5	378.4	349.1	29.26	12.931		
6,950.0	6,912.6	6,839.4	6,740.3	15.2	15.6	-56.07	275.2	60.4	386.5	357.4	29.08	13.290		
7,000.0	6,952.7	6,875.9	6,762.6	15.3	15.8	-54.34	275.6	89.3	394.3	365.5	28.89	13.649		
7,050.0	6,990.5	6,912.1	6,783.1	15.5	16.1	-52.78	275.9	119.1	402.0	373.3	28.66	14.024		
7,100.0	7,026.0	6,950.0	6,803.1	15.7	16.4	-51.33	276.3	151.4	409.2	380.8	28.45	14.383		
7,150.0	7,058.9	6,983.7	6,819.3	16.0	16.8	-50.13	276.6	180.9	416.1	387.8	28.28	14.711		
7,200.0	7,089.1	7,019.1	6,834.8	16.3	17.2	-49.02	277.0	212.7	422.4	394.2	28.18	14.992		
7,250.0	7,116.5	7,050.0	6,847.1	16.7	17.6	-48.12	277.3	241.0	428.2	400.1	28.12	15.228		
7,300.0	7,140.9	7,089.5	6,861.0	17.2	18.2	-47.21	277.8	278.0	433.4	405.2	28.23	15.354		
7,350.0	7,162.1	7,124.4	6,871.5	17.8	18.7	-46.50	278.2	311.3	437.9	409.5	28.44	15.400		
7,400.0	7,180.2	7,159.2	6,880.4	18.5	19.2	-45.91	278.6	344.9	441.8	413.0	28.79	15.345		
7,450.0	7,195.0	7,200.0	6,888.8	19.2	19.9	-45.40	279.0	384.8	445.0	415.6	29.36	15.156		
7,500.0	7,206.4	7,228.6	6,893.3	20.0	20.4	-45.09	279.4	413.1	447.4	417.4	29.99	14.915		
7,550.0	7,214.4	7,263.3	6,897.2	20.9	21.1	-44.85	279.8	447.5	449.0	418.2	30.85	14.556		
7,600.0	7,218.9	7,300.0	6,899.5	21.8	21.8	-44.71	280.2	484.2	450.0	418.1	31.90	14.105		
7,639.9	7,220.0	7,327.0	6,900.0	22.6	22.3	-44.69	280.5	511.1	450.1	417.3	32.83	13.713		
7,654.8	7,220.0	7,339.6	6,900.0	22.9	22.5	-44.69	280.7	523.7	450.1	416.9	33.23	13.545		
7,700.0	7,220.0	7,384.8	6,900.0	23.8	23.5	-44.69	281.2	569.0	450.1	415.6	34.57	13.021		
7,800.0	7,220.0	7,484.8	6,900.0	25.9	25.6	-44.69	282.4	668.9	450.1	412.4	37.69	11.944		
7,900.0	7,220.0	7,584.8	6,900.0	28.1	27.8	-44.69	283.5	768.9	450.1	409.2	40.98	10.985		
8,000.0	7,220.0	7,684.8	6,900.0	30.4	30.2	-44.69	284.7	868.9	450.1	405.8	44.40	10.139		
8,100.0	7,220.0	7,784.8	6,900.0	32.9	32.6	-44.69	285.9	968.9	450.2	402.2	47.93	9.393		
8,200.0	7,220.0	7,884.8	6,900.0	35.3	35.1	-44.70	287.1	1,068.9	450.2	398.6	51.54	8.735		
8,300.0	7,220.0	7,984.8	6,900.0	37.8	37.6	-44.70	288.2	1,168.9	450.2	395.0	55.21	8.153		
8,400.0	7,220.0	8,084.8	6,900.0	40.4	40.2	-44.70	289.4	1,268.9	450.2	391.2	58.95	7.637		
8,500.0	7,220.0	8,184.8	6,900.0	43.0	42.7	-44.70	290.6	1,368.9	450.2	387.5	62.72	7.177		

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

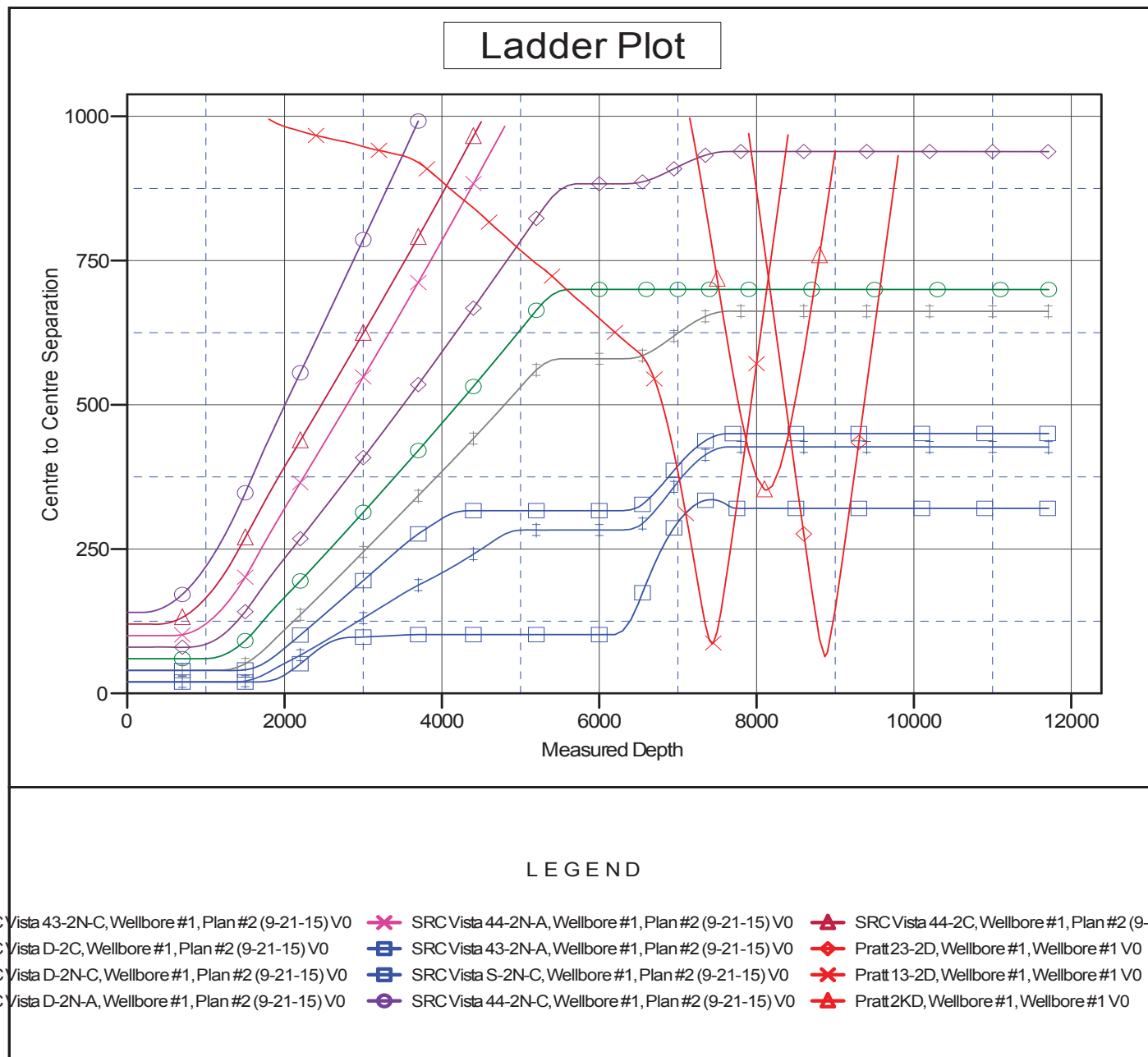
Company:	Synergy Resources	Local Co-ordinate Reference:	Well SRC Vista 43-2C
Project:	SEC.2-T4N-R68W	TVD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Reference Site:	SRC Vista Pad Sec.2-T4N-R68W	MD Reference:	WELL @ 5013.5ft (Ensign 131 RKB - 13.5')
Site Error:	0.0 ft	North Reference:	True
Reference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

Offset Design		SRC Vista Pad Sec.2-T4N-R68W - SRC Vista 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
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
8,600.0	7,220.0	8,284.8	6,900.0	45.6	45.4	-44.70	291.7	1,468.9	450.2	383.7	66.53	6.766		
8,700.0	7,220.0	8,384.8	6,900.0	48.2	48.0	-44.70	292.9	1,568.9	450.2	379.8	70.38	6.397		
8,800.0	7,220.0	8,484.8	6,900.0	50.9	50.6	-44.70	294.1	1,668.9	450.2	376.0	74.25	6.063		
8,900.0	7,220.0	8,584.8	6,900.0	53.5	53.3	-44.70	295.3	1,768.9	450.2	372.1	78.14	5.761		
9,000.0	7,220.0	8,684.8	6,900.0	56.2	56.0	-44.70	296.4	1,868.9	450.2	368.2	82.06	5.487		
9,100.0	7,220.0	8,784.8	6,900.0	58.9	58.7	-44.70	297.6	1,968.9	450.2	364.2	85.99	5.236		
9,200.0	7,220.0	8,884.8	6,900.0	61.6	61.4	-44.70	298.8	2,068.9	450.2	360.3	89.93	5.006		
9,300.0	7,220.0	8,984.8	6,900.0	64.3	64.1	-44.70	300.0	2,168.8	450.2	356.3	93.89	4.796		
9,400.0	7,220.0	9,084.8	6,900.0	67.0	66.8	-44.71	301.1	2,268.8	450.2	352.4	97.85	4.601		
9,500.0	7,220.0	9,184.8	6,900.0	69.7	69.6	-44.71	302.3	2,368.8	450.2	348.4	101.83	4.422		
9,600.0	7,220.0	9,284.8	6,900.0	72.5	72.3	-44.71	303.5	2,468.8	450.3	344.4	105.82	4.255		
9,700.0	7,220.0	9,384.8	6,900.0	75.2	75.0	-44.71	304.6	2,568.8	450.3	340.4	109.81	4.100		
9,800.0	7,220.0	9,484.8	6,900.0	77.9	77.8	-44.71	305.8	2,668.8	450.3	336.5	113.81	3.956		
9,900.0	7,220.0	9,584.8	6,900.0	80.7	80.5	-44.71	307.0	2,768.8	450.3	332.5	117.82	3.822		
10,000.0	7,220.0	9,684.8	6,900.0	83.4	83.3	-44.71	308.2	2,868.8	450.3	328.4	121.83	3.696		
10,100.0	7,220.0	9,784.8	6,900.0	86.2	86.0	-44.71	309.3	2,968.8	450.3	324.4	125.85	3.578		
10,200.0	7,220.0	9,884.8	6,900.0	89.0	88.8	-44.71	310.5	3,068.8	450.3	320.4	129.87	3.467		
10,300.0	7,220.0	9,984.8	6,900.0	91.7	91.5	-44.71	311.7	3,168.8	450.3	316.4	133.90	3.363		
10,400.0	7,220.0	10,084.8	6,900.0	94.5	94.3	-44.71	312.9	3,268.8	450.3	312.4	137.93	3.265		
10,500.0	7,220.0	10,184.8	6,900.0	97.2	97.1	-44.71	314.0	3,368.8	450.3	308.3	141.96	3.172		
10,600.0	7,220.0	10,284.8	6,900.0	100.0	99.8	-44.72	315.2	3,468.8	450.3	304.3	146.00	3.084		
10,700.0	7,220.0	10,384.8	6,900.0	102.8	102.6	-44.72	316.4	3,568.7	450.3	300.3	150.04	3.001		
10,800.0	7,220.0	10,484.8	6,900.0	105.5	105.4	-44.72	317.6	3,668.7	450.3	296.2	154.09	2.923		
10,900.0	7,220.0	10,584.8	6,900.0	108.3	108.1	-44.72	318.7	3,768.7	450.3	292.2	158.13	2.848		
11,000.0	7,220.0	10,684.8	6,900.0	111.1	110.9	-44.72	319.9	3,868.7	450.3	288.2	162.18	2.777		
11,100.0	7,220.0	10,784.8	6,900.0	113.9	113.7	-44.72	321.1	3,968.7	450.3	284.1	166.23	2.709		
11,200.0	7,220.0	10,884.8	6,900.0	116.6	116.5	-44.72	322.2	4,068.7	450.4	280.1	170.28	2.645		
11,300.0	7,220.0	10,984.8	6,900.0	119.4	119.2	-44.72	323.4	4,168.7	450.4	276.0	174.34	2.583		
11,400.0	7,220.0	11,084.8	6,900.0	122.2	122.0	-44.72	324.6	4,268.7	450.4	272.0	178.39	2.525		
11,500.0	7,220.0	11,184.8	6,900.0	125.0	124.8	-44.72	325.8	4,368.7	450.4	267.9	182.45	2.468		
11,600.0	7,220.0	11,284.8	6,900.0	127.8	127.6	-44.72	326.9	4,468.7	450.4	263.9	186.51	2.415		
11,700.0	7,220.0	11,384.8	6,900.0	130.5	130.4	-44.72	328.1	4,568.7	450.4	259.8	190.57	2.363		
11,714.6	7,220.0	11,399.4	6,900.0	131.0	130.8	-44.72	328.3	4,583.3	450.4	259.2	191.17	2.356 SF		

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

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

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



Reference Depths are relative to WELL @ 5013.5ft (Ensign 131 RKB -	Coordinates are relative to: SRC Vista 43-2C
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.34°

