

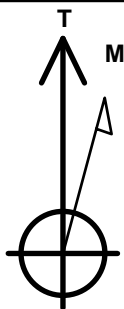
# Synergy Resources

Well Name: **SRC Cannon S-16NHZ**

Surface Location: SRC Cannon Pad Sec.16-T4N-R68W  
 North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone  
 Ground Elevation: 4931.0  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.0 0.0 1355854.01 3139483.46 40.309140 -104.999848  
 Ensign Rig #131 - RKB - 13.5' WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 1091'FSL & 280'FEL	1.0	0.0	0.0	Point
BHL 1288'FSL & 475'FWL	6139.5	153.5	-4534.0	Point



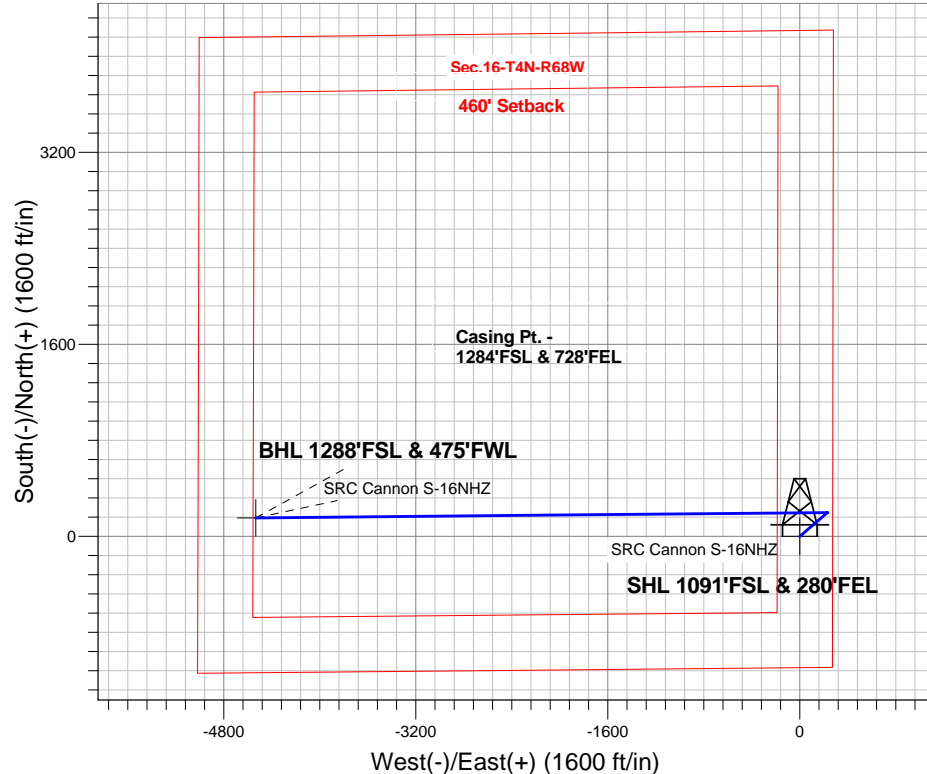
Azimuths to True North  
 Magnetic North: 8.50°

Magnetic Field  
 Strength: 52681.3snT  
 Dip Angle: 66.82°  
 Date: 1/12/2015  
 Model: IGRF2010

SRC Cannon Pad Sec.16-T4N-R68W  
 SRC Cannon S-16NHZ  
 Plan #2 (1-12-15)  
 13:30, January 12 2015

## ANNOTATIONS

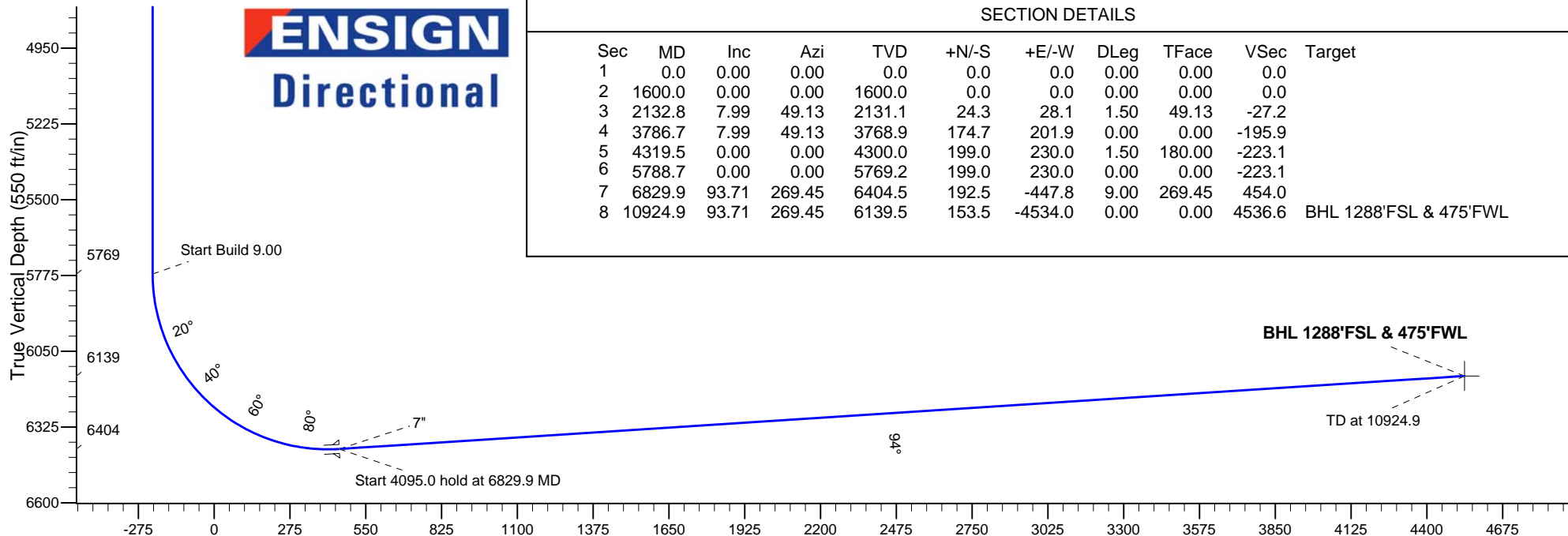
TVD	MD	Annotation
1600.0	1600.0	KOP - Start Build 1.50
3768.9	3786.7	Start Drop -1.50
5769.2	5788.7	Start Build 9.00
6404.5	6829.9	Start 4095.0 hold at 6829.9 MD
6139.5	10924.9	TD at 10924.9



**ENSIGN**  
 Directional

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1600.0	0.00	0.00	1600.0	0.0	0.0	0.00	0.00	0.0	
3	2132.8	7.99	49.13	2131.1	24.3	28.1	1.50	49.13	-27.2	
4	3786.7	7.99	49.13	3768.9	174.7	201.9	0.00	0.00	-195.9	
5	4319.5	0.00	0.00	4300.0	199.0	230.0	1.50	180.00	-223.1	
6	5788.7	0.00	0.00	5769.2	199.0	230.0	0.00	0.00	-223.1	
7	6829.9	93.71	269.45	6404.5	192.5	-447.8	9.00	269.45	454.0	
8	10924.9	93.71	269.45	6139.5	153.5	-4534.0	0.00	0.00	4536.6	BHL 1288'FSL & 475'FWL



Vertical Section at 271.94° (550 ft/in)



## **Synergy Resources**

**SEC.16-T4N-R68W**

**SRC Cannon Pad Sec.16-T4N-R68W**

**SRC Cannon S-16NHZ**

**Wellbore #1**

**Plan: Plan #2 (1-12-15)**

## **Standard Planning Report**

**12 January, 2015**

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Project:</b>	SEC.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (1-12-15)		

<b>Project</b>	SEC.16-T4N-R68W, Weld County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		Using Well Reference Point
<b>Map Zone:</b>	Colorado Northern Zone		Using geodetic scale factor

Site	SRC Cannon Pad Sec.16-T4N-R68W				
Site Position:		Northing:	1,355,779.01 ft	Latitude:	40.308934
From:	Lat/Long	Easting:	3,139,483.89 ft	Longitude:	-104.999848
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.32 °

Well	SRC Cannon S-16NHZ					
Well Position	+N-S	75.0 ft	Northing:	1,355,854.01 ft	Latitude:	40.309140
	+E-W	0.0 ft	Easting:	3,139,483.46 ft	Longitude:	-104.999848
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,931.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	1/12/2015	8.50	66.82	52,681

<b>Design</b>	Plan #2 (1-12-15)			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	271.94

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,132.8	7.99	49.13	2,131.1	24.3	28.1	1.50	1.50	0.00	49.13	
3,786.7	7.99	49.13	3,768.9	174.7	201.9	0.00	0.00	0.00	0.00	
4,319.5	0.00	0.00	4,300.0	199.0	230.0	1.50	-1.50	0.00	180.00	
5,788.7	0.00	0.00	5,769.2	199.0	230.0	0.00	0.00	0.00	0.00	
6,829.9	93.71	269.45	6,404.5	192.5	-447.8	9.00	9.00	0.00	269.45	
10,924.9	93.71	269.45	6,139.5	153.5	-4,534.0	0.00	0.00	0.00	0.00	BHL 1288'FSL & 47

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Project:</b>	SEC.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (1-12-15)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
<b>SHL 1091'FSL &amp; 280'FEL</b>									
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
<b>KOP - Start Build 1.50</b>									
1,700.0	1.50	49.13	1,700.0	0.9	1.0	-1.0	1.50	1.50	0.00
1,800.0	3.00	49.13	1,799.9	3.4	4.0	-3.8	1.50	1.50	0.00
1,900.0	4.50	49.13	1,899.7	7.7	8.9	-8.6	1.50	1.50	0.00
2,000.0	6.00	49.13	1,999.3	13.7	15.8	-15.4	1.50	1.50	0.00
2,100.0	7.50	49.13	2,098.6	21.4	24.7	-24.0	1.50	1.50	0.00
2,132.8	7.99	49.13	2,131.1	24.3	28.1	-27.2	1.50	1.50	0.00
2,200.0	7.99	49.13	2,197.6	30.4	35.1	-34.1	0.00	0.00	0.00
2,300.0	7.99	49.13	2,296.7	39.5	45.6	-44.3	0.00	0.00	0.00
2,400.0	7.99	49.13	2,395.7	48.6	56.1	-54.5	0.00	0.00	0.00
2,500.0	7.99	49.13	2,494.7	57.7	66.7	-64.7	0.00	0.00	0.00
2,600.0	7.99	49.13	2,593.7	66.8	77.2	-74.9	0.00	0.00	0.00
2,700.0	7.99	49.13	2,692.8	75.9	87.7	-85.1	0.00	0.00	0.00
2,800.0	7.99	49.13	2,791.8	85.0	98.2	-95.3	0.00	0.00	0.00
2,900.0	7.99	49.13	2,890.8	94.1	108.7	-105.5	0.00	0.00	0.00
3,000.0	7.99	49.13	2,989.9	103.2	119.2	-115.7	0.00	0.00	0.00
3,100.0	7.99	49.13	3,088.9	112.3	129.7	-125.9	0.00	0.00	0.00
3,200.0	7.99	49.13	3,187.9	121.4	140.3	-136.1	0.00	0.00	0.00
3,300.0	7.99	49.13	3,286.9	130.5	150.8	-146.3	0.00	0.00	0.00
3,400.0	7.99	49.13	3,386.0	139.5	161.3	-156.5	0.00	0.00	0.00
3,500.0	7.99	49.13	3,485.0	148.6	171.8	-166.7	0.00	0.00	0.00
3,600.0	7.99	49.13	3,584.0	157.7	182.3	-176.9	0.00	0.00	0.00
3,700.0	7.99	49.13	3,683.1	166.8	192.8	-187.1	0.00	0.00	0.00
3,786.7	7.99	49.13	3,768.9	174.7	201.9	-195.9	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
3,800.0	7.79	49.13	3,782.1	175.9	203.3	-197.3	1.50	-1.50	0.00
3,900.0	6.29	49.13	3,881.3	183.9	212.6	-206.3	1.50	-1.50	0.00
4,000.0	4.79	49.13	3,980.9	190.3	219.9	-213.3	1.50	-1.50	0.00
4,100.0	3.29	49.13	4,080.6	194.9	225.2	-218.5	1.50	-1.50	0.00
4,200.0	1.79	49.13	4,180.5	197.8	228.6	-221.8	1.50	-1.50	0.00
4,300.0	0.29	49.13	4,280.5	199.0	230.0	-223.1	1.50	-1.50	0.00
4,319.5	0.00	0.00	4,300.0	199.0	230.0	-223.1	1.50	-1.50	0.00
4,400.0	0.00	0.00	4,380.5	199.0	230.0	-223.1	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Company:</b>	Synergy Resources	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Project:</b>	SEC.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #2 (1-12-15)		

#### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	0.00	0.00	4,480.5	199.0	230.0	-223.1	0.00	0.00	0.00
4,600.0	0.00	0.00	4,580.5	199.0	230.0	-223.1	0.00	0.00	0.00
4,700.0	0.00	0.00	4,680.5	199.0	230.0	-223.1	0.00	0.00	0.00
4,800.0	0.00	0.00	4,780.5	199.0	230.0	-223.1	0.00	0.00	0.00
4,900.0	0.00	0.00	4,880.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,000.0	0.00	0.00	4,980.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,100.0	0.00	0.00	5,080.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,200.0	0.00	0.00	5,180.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,300.0	0.00	0.00	5,280.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,400.0	0.00	0.00	5,380.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,500.0	0.00	0.00	5,480.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,600.0	0.00	0.00	5,580.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,700.0	0.00	0.00	5,680.5	199.0	230.0	-223.1	0.00	0.00	0.00
5,788.7	0.00	0.00	5,769.2	199.0	230.0	-223.1	0.00	0.00	0.00
<b>Start Build 9.00</b>									
5,800.0	1.02	269.45	5,780.5	199.0	229.9	-223.0	9.00	9.00	0.00
5,900.0	10.02	269.45	5,879.9	198.9	220.3	-213.4	9.00	9.00	0.00
6,000.0	19.02	269.45	5,976.6	198.7	195.3	-188.4	9.00	9.00	0.00
6,100.0	28.02	269.45	6,068.2	198.3	155.4	-148.6	9.00	9.00	0.00
6,200.0	37.02	269.45	6,152.5	197.8	101.7	-95.0	9.00	9.00	0.00
6,300.0	46.02	269.45	6,227.3	197.1	35.5	-28.8	9.00	9.00	0.00
6,400.0	55.02	269.45	6,290.8	196.4	-41.6	48.2	9.00	9.00	0.00
6,500.0	64.02	269.45	6,341.5	195.6	-127.7	134.2	9.00	9.00	0.00
6,600.0	73.02	269.45	6,378.0	194.7	-220.7	227.1	9.00	9.00	0.00
6,700.0	82.02	269.45	6,399.6	193.8	-318.2	324.6	9.00	9.00	0.00
6,800.0	91.02	269.45	6,405.7	192.8	-417.9	424.2	9.00	9.00	0.00
6,829.9	93.71	269.45	6,404.5	192.5	-447.8	454.0	9.00	9.00	0.00
<b>Start 4095.0 hold at 6829.9 MD - 7"</b>									
6,900.0	93.71	269.45	6,399.9	191.9	-517.7	523.9	0.00	0.00	0.00
7,000.0	93.71	269.45	6,393.5	190.9	-617.5	623.6	0.00	0.00	0.00
7,100.0	93.71	269.45	6,387.0	189.9	-717.3	723.3	0.00	0.00	0.00
7,200.0	93.71	269.45	6,380.5	189.0	-817.1	823.0	0.00	0.00	0.00
7,300.0	93.71	269.45	6,374.1	188.0	-916.9	922.7	0.00	0.00	0.00
7,400.0	93.71	269.45	6,367.6	187.1	-1,016.6	1,022.4	0.00	0.00	0.00
7,500.0	93.71	269.45	6,361.1	186.1	-1,116.4	1,122.1	0.00	0.00	0.00
7,600.0	93.71	269.45	6,354.6	185.2	-1,216.2	1,221.8	0.00	0.00	0.00
7,700.0	93.71	269.45	6,348.2	184.2	-1,316.0	1,321.5	0.00	0.00	0.00
7,800.0	93.71	269.45	6,341.7	183.3	-1,415.8	1,421.2	0.00	0.00	0.00
7,900.0	93.71	269.45	6,335.2	182.3	-1,515.6	1,520.9	0.00	0.00	0.00
8,000.0	93.71	269.45	6,328.8	181.4	-1,615.4	1,620.6	0.00	0.00	0.00
8,100.0	93.71	269.45	6,322.3	180.4	-1,715.1	1,720.3	0.00	0.00	0.00
8,200.0	93.71	269.45	6,315.8	179.5	-1,814.9	1,820.0	0.00	0.00	0.00
8,300.0	93.71	269.45	6,309.3	178.5	-1,914.7	1,919.7	0.00	0.00	0.00
8,400.0	93.71	269.45	6,302.9	177.5	-2,014.5	2,019.4	0.00	0.00	0.00
8,500.0	93.71	269.45	6,296.4	176.6	-2,114.3	2,119.0	0.00	0.00	0.00
8,600.0	93.71	269.45	6,289.9	175.6	-2,214.1	2,218.7	0.00	0.00	0.00
8,700.0	93.71	269.45	6,283.5	174.7	-2,313.9	2,318.4	0.00	0.00	0.00
8,800.0	93.71	269.45	6,277.0	173.7	-2,413.6	2,418.1	0.00	0.00	0.00
8,900.0	93.71	269.45	6,270.5	172.8	-2,513.4	2,517.8	0.00	0.00	0.00
9,000.0	93.71	269.45	6,264.1	171.8	-2,613.2	2,617.5	0.00	0.00	0.00
9,100.0	93.71	269.45	6,257.6	170.9	-2,713.0	2,717.2	0.00	0.00	0.00
9,200.0	93.71	269.45	6,251.1	169.9	-2,812.8	2,816.9	0.00	0.00	0.00

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
	3,786.7	3,768.9	24.3	28.1	Start Drop -1.50
	5,788.7	5,769.2	174.7	201.9	Start Build 9.00
	6,829.9	6,404.5	199.0	230.0	Start 4095.0 hold at 6829.9 MD
	10,924.9	6,139.5	199.0	230.0	TD at 10924.9



## **Synergy Resources**

**SEC.16-T4N-R68W**

**SRC Cannon Pad Sec.16-T4N-R68W**

**SRC Cannon S-16NHZ**

**Wellbore #1**

**Plan #2 (1-12-15)**

## **Anticollision Report**

**12 January, 2015**

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #2 (1-12-15)		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 1,000.0ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma		

<b>Survey Tool Program</b>	<b>Date</b>	1/12/2015		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	10,924.9	Plan #2 (1-12-15) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
Existing Wells Pad Sec.16-T4N-R68W						
Zoller #1 (P&A) - Wellbore #1 - Wellbore #1	9,526.9	6,221.5	718.9	503.4	3.336	CC, ES
Zoller #1 (P&A) - Wellbore #1 - Wellbore #1	9,600.0	6,216.7	722.6	505.2	3.324	SF
SRC Cannon Pad Sec.16-T4N-R68W						
SRC Cannon 13-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	766.3	767.3	45.0	41.8	13.965	CC
SRC Cannon 13-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	800.0	801.0	45.0	41.6	13.338	ES
SRC Cannon 13-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	11,102.8	672.1	417.5	2.640	SF
SRC Cannon 13-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	366.0	368.0	60.0	58.6	42.107	CC
SRC Cannon 13-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	400.0	402.0	60.0	58.4	38.029	ES
SRC Cannon 13-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	11,030.1	879.8	620.3	3.390	SF
SRC Cannon 14-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	400.0	398.0	75.0	73.5	47.826	CC, ES
SRC Cannon 14-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	900.0	886.1	106.0	102.2	28.469	SF
SRC Cannon 14-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	800.0	798.0	60.0	56.6	17.820	CC, ES
SRC Cannon 14-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	10,944.3	881.5	623.3	3.413	SF
SRC Cannon 24-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	1,000.0	999.0	45.0	40.7	10.543	CC, ES
SRC Cannon 24-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	11,043.1	665.4	407.9	2.584	SF
SRC Cannon 24-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	1,400.0	1,399.0	30.0	23.9	4.945	CC, ES
SRC Cannon 24-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	10,918.6	440.1	180.7	1.696	SF
SRC Cannon H-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	1,400.0	1,400.0	15.0	8.9	2.472	CC, ES
SRC Cannon H-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	10,927.1	251.6	22.8	1.100	Level 2, SF
SRC Cannon H-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	966.3	967.3	30.0	25.9	7.279	CC
SRC Cannon H-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	1,000.0	1,001.0	30.0	25.7	7.021	ES
SRC Cannon H-16NHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	10,959.4	439.7	180.8	1.698	SF
SRC Cannon K-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	166.0	168.0	75.0	74.5	142.616	CC
SRC Cannon K-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	200.0	202.0	75.0	74.3	110.505	ES
SRC Cannon K-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	4,319.5	4,205.7	836.7	807.3	28.507	SF
SRC Cannon S-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	1,600.0	1,600.0	15.0	8.0	2.153	CC, ES
SRC Cannon S-16CHZ - Wellbore #1 - Plan #2 (1-12-15)	10,924.9	11,028.0	246.5	12.0	1.051	Level 2, SF



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Existing Wells Pad Sec.16-T4N-R68W - Zoller #1 (P&A) - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 6416-UNKNOWN												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)		
8,900.0	6,270.5	6,262.0	6,262.0	73.8	125.2	-93.22	-552.1	-3,132.1	952.9	754.2	198.77	4.794	
9,000.0	6,264.1	6,255.6	6,255.6	76.6	125.1	-92.71	-552.1	-3,132.1	890.6	689.2	201.46	4.421	
9,100.0	6,257.6	6,249.1	6,249.1	79.3	125.0	-92.20	-552.1	-3,132.1	835.6	631.5	204.15	4.093	
9,200.0	6,251.1	6,242.6	6,242.6	82.1	124.9	-91.68	-552.1	-3,132.1	789.4	582.6	206.82	3.817	
9,300.0	6,244.6	6,236.1	6,236.1	84.8	124.7	-91.17	-552.1	-3,132.1	753.7	544.2	209.48	3.598	
9,400.0	6,238.2	6,229.7	6,229.7	87.6	124.6	-90.65	-552.1	-3,132.1	730.0	517.8	212.13	3.441	
9,500.0	6,231.7	6,223.2	6,223.2	90.3	124.5	-90.14	-552.1	-3,132.1	719.4	504.6	214.77	3.350	
9,526.9	6,230.0	6,221.5	6,221.5	91.1	124.4	-90.00	-552.1	-3,132.1	718.9	503.4	215.47	3.336 CC, ES	
9,600.0	6,225.2	6,216.7	6,216.7	93.1	124.3	-89.62	-552.1	-3,132.1	722.6	505.2	217.39	3.324 SF	
9,700.0	6,218.8	6,210.3	6,210.3	95.8	124.2	-89.11	-552.1	-3,132.1	739.4	519.4	219.99	3.361	
9,800.0	6,212.3	6,203.8	6,203.8	98.6	124.1	-88.59	-552.1	-3,132.1	768.8	546.2	222.59	3.454	
9,900.0	6,205.8	6,197.3	6,197.3	101.4	123.9	-88.08	-552.1	-3,132.1	809.6	584.4	225.16	3.596	
10,000.0	6,199.3	6,190.8	6,190.8	104.1	123.8	-87.57	-552.1	-3,132.1	860.1	632.4	227.72	3.777	
10,100.0	6,192.9	6,184.4	6,184.4	106.9	123.7	-87.05	-552.1	-3,132.1	918.7	688.4	230.25	3.990	
10,200.0	6,186.4	6,177.9	6,177.9	109.7	123.6	-86.54	-552.1	-3,132.1	983.9	751.1	232.77	4.227	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 13-16CHZ - Wellbore #1 - Plan #2 (1-12-15)										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	1.0	1.0	0.0	0.0	0.00	45.0	0.0	45.0	45.0	0.00	N/A			
100.0	100.0	101.0	101.0	0.1	0.1	0.00	45.0	0.0	45.0	44.8	0.23	198.226			
200.0	200.0	201.0	201.0	0.3	0.3	0.00	45.0	0.0	45.0	44.3	0.68	66.514			
300.0	300.0	301.0	301.0	0.6	0.6	0.00	45.0	0.0	45.0	43.9	1.13	39.962			
400.0	400.0	401.0	401.0	0.8	0.8	0.00	45.0	0.0	45.0	43.4	1.58	28.560			
500.0	500.0	501.0	501.0	1.0	1.0	0.00	45.0	0.0	45.0	43.0	2.03	22.221			
600.0	600.0	601.0	601.0	1.2	1.2	0.00	45.0	0.0	45.0	42.5	2.47	18.184			
700.0	700.0	701.0	701.0	1.5	1.5	0.00	45.0	0.0	45.0	42.1	2.92	15.389			
766.3	766.3	767.3	767.3	1.6	1.6	0.00	45.0	0.0	45.0	41.8	3.22	13.965 CC			
800.0	800.0	801.0	801.0	1.7	1.7	0.00	45.0	0.0	45.0	41.6	3.37	13.338 ES			
900.0	900.0	900.0	900.0	1.9	1.9	0.47	46.3	0.4	46.3	42.4	3.82	12.111			
1,000.0	1,000.0	998.6	998.5	2.1	2.1	1.73	49.9	1.5	50.0	45.8	4.27	11.726			
1,100.0	1,100.0	1,097.0	1,096.7	2.4	2.4	3.45	56.0	3.4	56.3	51.6	4.72	11.940			
1,200.0	1,200.0	1,195.1	1,194.4	2.6	2.6	5.29	64.5	6.0	65.1	60.0	5.17	12.595			
1,300.0	1,300.0	1,292.7	1,291.3	2.8	2.8	7.03	75.3	9.3	76.5	70.9	5.64	13.574			
1,400.0	1,400.0	1,389.6	1,387.2	3.0	3.1	8.55	88.4	13.3	90.5	84.4	6.12	14.791			
1,500.0	1,500.0	1,485.7	1,482.1	3.3	3.4	9.83	103.7	18.0	106.9	100.3	6.61	16.176			
1,600.0	1,600.0	1,581.9	1,576.5	3.5	3.7	10.89	121.2	23.3	125.8	118.7	7.12	17.659			
1,700.0	1,700.0	1,680.2	1,672.8	3.7	4.0	-37.57	139.6	28.9	144.3	136.8	7.44	19.401			
1,800.0	1,799.9	1,778.8	1,769.6	3.9	4.4	-37.60	158.1	34.6	160.7	152.8	7.89	20.373			
1,900.0	1,899.7	1,877.7	1,866.6	4.1	4.8	-38.14	176.6	40.3	175.1	166.8	8.35	20.977			
2,000.0	1,999.3	1,976.9	1,963.8	4.4	5.1	-39.11	195.2	46.0	187.6	178.7	8.82	21.269			
2,100.0	2,098.6	2,076.2	2,061.2	4.6	5.5	-40.44	213.8	51.7	198.1	188.8	9.30	21.296			
2,132.8	2,131.1	2,108.8	2,093.2	4.7	5.7	-40.96	219.9	53.5	201.1	191.6	9.46	21.254			
2,200.0	2,197.6	2,175.6	2,158.7	4.9	5.9	-42.08	232.4	57.4	207.2	197.3	9.80	21.129			
2,300.0	2,296.7	2,275.1	2,256.2	5.1	6.3	-43.62	251.1	63.1	216.3	206.0	10.32	20.951			
2,400.0	2,395.7	2,374.5	2,353.7	5.4	6.7	-45.05	269.7	68.8	225.6	214.8	10.86	20.780			
2,500.0	2,494.7	2,473.9	2,451.2	5.7	7.1	-46.35	288.3	74.5	235.0	223.6	11.40	20.616			
2,600.0	2,593.7	2,573.3	2,548.7	6.0	7.5	-47.56	307.0	80.2	244.6	232.6	11.96	20.459			
2,700.0	2,692.8	2,672.7	2,646.1	6.3	7.9	-48.68	325.6	85.9	254.2	241.7	12.52	20.308			
2,800.0	2,791.8	2,772.1	2,743.6	6.6	8.3	-49.71	344.2	91.6	264.0	250.9	13.09	20.164			
2,900.0	2,890.8	2,871.6	2,841.1	6.9	8.7	-50.68	362.9	97.3	273.8	260.1	13.67	20.025			
3,000.0	2,989.9	2,971.0	2,938.6	7.2	9.1	-51.57	381.5	103.0	283.7	269.4	14.26	19.892			
3,100.0	3,088.9	3,070.4	3,036.1	7.5	9.5	-52.40	400.1	108.7	293.6	278.8	14.85	19.765			
3,200.0	3,187.9	3,169.8	3,133.6	7.8	10.0	-53.18	418.8	114.4	303.6	288.2	15.46	19.644			
3,300.0	3,286.9	3,269.2	3,231.1	8.1	10.4	-53.91	437.4	120.1	313.7	297.6	16.06	19.528			
3,400.0	3,386.0	3,368.6	3,328.6	8.4	10.8	-54.60	456.0	125.8	323.8	307.1	16.67	19.417			
3,500.0	3,485.0	3,468.1	3,426.0	8.7	11.2	-55.24	474.7	131.5	333.9	316.6	17.29	19.311			
3,600.0	3,584.0	3,567.5	3,523.5	9.0	11.6	-55.85	493.3	137.2	344.1	326.2	17.91	19.210			
3,700.0	3,683.1	3,666.9	3,621.0	9.4	12.0	-56.42	511.9	142.9	354.3	335.8	18.54	19.114			
3,786.7	3,768.9	3,753.1	3,705.6	9.6	12.4	-56.88	528.1	147.8	363.2	344.1	19.08	19.034			
3,800.0	3,782.1	3,766.3	3,718.5	9.7	12.4	-56.97	530.6	148.6	364.6	345.4	19.16	19.027			
3,900.0	3,881.3	3,865.7	3,815.9	9.9	12.9	-57.40	549.2	154.3	375.8	356.1	19.70	19.071			
4,000.0	3,980.9	3,964.9	3,913.2	10.2	13.3	-57.51	567.8	160.0	388.3	368.1	20.21	19.218			
4,100.0	4,080.6	4,063.8	4,010.3	10.4	13.7	-57.33	586.3	165.7	402.3	381.7	20.67	19.461			
4,200.0	4,180.5	4,162.5	4,107.1	10.6	14.1	-56.88	604.8	171.3	417.7	396.6	21.10	19.799			
4,300.0	4,280.5	4,260.9	4,203.5	10.7	14.5	-56.21	623.2	177.0	434.6	413.1	21.48	20.230			
4,319.5	4,300.0	4,280.0	4,222.3	10.8	14.6	-6.92	626.8	178.1	438.1	414.3	23.83	18.386			
4,400.0	4,380.5	4,359.0	4,299.7	10.9	14.9	-6.11	641.6	182.6	452.6	428.3	24.35	18.586			
4,500.0	4,480.5	4,457.0	4,395.8	11.1	15.3	-5.18	660.0	188.2	470.8	445.7	25.02	18.818			
4,600.0	4,580.5	4,555.1	4,492.0	11.3	15.8	-4.31	678.4	193.8	489.0	463.3	25.68	19.044			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 13-16CHZ - Wellbore #1 - Plan #2 (1-12-15)											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		Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
							+N/-S (ft)	+E/-W (ft)						
4,700.0	4,680.5	4,653.1	4,588.1	11.5	16.2	-3.51	696.8	199.5	507.4	481.0	26.34	19.265		
4,800.0	4,780.5	4,751.2	4,684.3	11.7	16.6	-2.76	715.1	205.1	525.8	498.8	26.99	19.480		
4,900.0	4,880.5	4,853.9	4,785.0	11.9	17.0	-2.04	734.2	210.9	544.2	516.6	27.65	19.682		
5,000.0	4,980.5	4,968.1	4,897.5	12.1	17.4	-1.37	753.1	216.7	560.6	532.3	28.26	19.833		
5,100.0	5,080.5	5,083.3	5,011.6	12.3	17.7	-0.85	768.8	221.5	574.2	545.3	28.82	19.921		
5,200.0	5,180.5	5,199.5	5,127.0	12.5	18.0	-0.46	781.3	225.4	584.9	555.6	29.34	19.937		
5,300.0	5,280.5	5,316.4	5,243.4	12.7	18.2	-0.18	790.6	228.2	592.8	563.0	29.81	19.887		
5,400.0	5,380.5	5,433.7	5,360.6	12.9	18.4	0.00	796.4	230.0	597.7	567.5	30.23	19.770		
5,500.0	5,480.5	5,551.3	5,478.2	13.1	18.6	0.07	798.7	230.7	599.7	569.1	30.62	19.587		
5,600.0	5,580.5	5,654.6	5,581.5	13.3	18.7	0.07	798.8	230.7	599.8	568.8	30.97	19.366		
5,700.0	5,680.5	5,754.6	5,681.5	13.5	18.9	0.07	798.8	230.7	599.8	568.5	31.32	19.148		
5,788.7	5,769.2	5,843.3	5,770.2	13.7	19.0	0.07	798.8	230.7	599.8	568.2	31.64	18.958		
5,800.0	5,780.5	5,854.6	5,781.5	13.7	19.0	90.62	798.8	230.7	599.8	572.3	27.50	21.814		
5,850.0	5,830.4	5,904.5	5,831.4	13.8	19.1	90.89	798.8	230.7	599.8	572.2	27.65	21.694		
5,900.0	5,879.9	5,954.0	5,880.9	13.8	19.2	91.52	798.8	230.7	600.0	572.2	27.76	21.614		
5,950.0	5,928.8	6,003.9	5,930.8	13.9	19.2	92.41	798.8	229.7	600.3	572.5	27.83	21.575		
6,000.0	5,976.6	6,054.8	5,981.4	13.9	19.3	93.30	798.8	224.8	600.9	573.0	27.87	21.564		
6,050.0	6,023.2	6,106.5	6,032.3	13.9	19.3	94.19	798.8	215.8	601.6	573.8	27.89	21.570		
6,100.0	6,068.2	6,159.1	6,083.2	13.9	19.3	95.05	798.9	202.3	602.6	574.7	27.92	21.584		
6,150.0	6,111.4	6,212.6	6,133.5	14.0	19.4	95.89	798.9	184.4	603.7	575.7	27.96	21.594		
6,200.0	6,152.5	6,267.0	6,183.1	14.0	19.4	96.69	799.0	161.9	605.0	576.9	28.03	21.586		
6,250.0	6,191.2	6,322.3	6,231.3	14.0	19.4	97.46	799.1	134.8	606.4	578.2	28.14	21.544		
6,300.0	6,227.3	6,378.6	6,277.6	14.1	19.4	98.18	799.2	103.0	607.8	579.5	28.34	21.448		
6,350.0	6,260.5	6,435.7	6,321.7	14.3	19.4	98.85	799.3	66.7	609.4	580.7	28.64	21.279		
6,400.0	6,290.8	6,493.7	6,363.0	14.5	19.4	99.46	799.4	25.9	610.9	581.9	29.07	21.019		
6,450.0	6,317.8	6,552.6	6,400.8	14.9	19.4	100.01	799.6	-19.1	612.5	582.9	29.66	20.653		
6,500.0	6,341.5	6,612.2	6,434.8	15.4	19.5	100.48	799.7	-68.1	614.0	583.6	30.44	20.173		
6,550.0	6,361.6	6,672.5	6,464.3	16.0	19.5	100.88	799.9	-120.6	615.5	584.1	31.43	19.585		
6,600.0	6,378.0	6,733.4	6,489.0	16.6	19.7	101.20	800.0	-176.3	616.8	584.2	32.62	18.907		
6,650.0	6,390.8	6,794.8	6,508.3	17.4	20.0	101.44	800.2	-234.6	618.1	584.0	34.03	18.163		
6,700.0	6,399.6	6,856.7	6,522.1	18.2	20.5	101.59	800.4	-294.8	619.1	583.5	35.63	17.374		
6,750.0	6,404.6	6,918.7	6,529.9	19.1	21.2	101.64	800.6	-356.4	620.0	582.6	37.42	16.570		
6,800.0	6,405.7	6,980.9	6,531.7	20.0	22.1	101.61	800.8	-418.5	620.7	581.3	39.34	15.778		
6,829.9	6,404.5	7,016.4	6,530.1	20.6	22.7	101.55	800.9	-453.9	621.0	580.5	40.51	15.328		
6,900.0	6,399.9	7,086.5	6,525.6	22.0	23.9	101.54	801.1	-523.9	621.9	578.6	43.25	14.380		
7,000.0	6,393.5	7,186.4	6,519.2	24.2	25.9	101.52	801.4	-623.6	623.1	575.7	47.41	13.143		
7,100.0	6,387.0	7,286.4	6,512.8	26.5	28.0	101.51	801.7	-723.4	624.4	572.5	51.82	12.048		
7,200.0	6,380.5	7,386.4	6,506.4	28.8	30.3	101.49	802.0	-823.2	625.6	569.2	56.42	11.088		
7,300.0	6,374.1	7,486.4	6,500.0	31.3	32.6	101.47	802.3	-923.0	626.9	565.7	61.17	10.247		
7,400.0	6,367.6	7,586.4	6,493.6	33.8	35.0	101.46	802.6	-1,022.8	628.1	562.1	66.04	9.511		
7,500.0	6,361.1	7,686.4	6,487.2	36.3	37.5	101.44	802.9	-1,122.6	629.4	558.4	71.00	8.864		
7,600.0	6,354.6	7,786.4	6,480.8	38.9	40.0	101.42	803.2	-1,222.4	630.6	554.6	76.03	8.294		
7,700.0	6,348.2	7,886.4	6,474.4	41.5	42.6	101.41	803.5	-1,322.2	631.8	550.7	81.13	7.788		
7,800.0	6,341.7	7,986.4	6,468.0	44.1	45.1	101.39	803.8	-1,421.9	633.1	546.8	86.27	7.338		
7,900.0	6,335.2	8,086.4	6,461.6	46.7	47.7	101.38	804.1	-1,521.7	634.3	542.9	91.45	6.936		
8,000.0	6,328.8	8,186.4	6,455.2	49.4	50.3	101.36	804.4	-1,621.5	635.6	538.9	96.68	6.574		
8,100.0	6,322.3	8,286.4	6,448.8	52.1	53.0	101.34	804.7	-1,721.3	636.8	534.9	101.93	6.248		
8,200.0	6,315.8	8,386.4	6,442.4	54.8	55.6	101.33	805.0	-1,821.1	638.1	530.9	107.20	5.952		
8,300.0	6,309.3	8,486.3	6,436.0	57.5	58.3	101.31	805.3	-1,920.9	639.3	526.8	112.50	5.683		
8,400.0	6,302.9	8,586.3	6,429.6	60.2	61.0	101.29	805.6	-2,020.7	640.6	522.7	117.82	5.437		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 13-16CHZ - Wellbore #1 - Plan #2 (1-12-15)										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		
8,500.0	6,296.4	8,686.3	6,423.2	62.9	63.7	101.28	805.9	-2,120.4	641.8	518.7	123.15	5.212		
8,600.0	6,289.9	8,786.3	6,416.8	65.6	66.4	101.26	806.2	-2,220.2	643.0	514.6	128.50	5.004		
8,700.0	6,283.5	8,886.3	6,410.4	68.3	69.1	101.25	806.5	-2,320.0	644.3	510.4	133.86	4.813		
8,800.0	6,277.0	8,986.3	6,404.0	71.1	71.8	101.23	806.8	-2,419.8	645.5	506.3	139.23	4.636		
8,900.0	6,270.5	9,086.3	6,397.6	73.8	74.5	101.22	807.1	-2,519.6	646.8	502.2	144.61	4.473		
9,000.0	6,264.1	9,186.3	6,391.2	76.6	77.2	101.20	807.4	-2,619.4	648.0	498.0	150.00	4.320		
9,100.0	6,257.6	9,286.3	6,384.8	79.3	80.0	101.18	807.7	-2,719.2	649.3	493.9	155.41	4.178		
9,200.0	6,251.1	9,386.3	6,378.4	82.1	82.7	101.17	808.0	-2,819.0	650.5	489.7	160.81	4.045		
9,300.0	6,244.6	9,486.3	6,372.0	84.8	85.5	101.15	808.3	-2,918.7	651.8	485.5	166.23	3.921		
9,400.0	6,238.2	9,586.3	6,365.6	87.6	88.2	101.14	808.6	-3,018.5	653.0	481.4	171.65	3.804		
9,500.0	6,231.7	9,686.2	6,359.2	90.3	90.9	101.12	808.9	-3,118.3	654.3	477.2	177.08	3.695		
9,600.0	6,225.2	9,786.2	6,352.8	93.1	93.7	101.11	809.2	-3,218.1	655.5	473.0	182.51	3.592		
9,700.0	6,218.8	9,886.2	6,346.4	95.8	96.4	101.09	809.6	-3,317.9	656.7	468.8	187.94	3.494		
9,800.0	6,212.3	9,986.2	6,340.0	98.6	99.2	101.08	809.9	-3,417.7	658.0	464.6	193.39	3.403		
9,900.0	6,205.8	10,086.2	6,333.6	101.4	102.0	101.06	810.2	-3,517.5	659.2	460.4	198.83	3.316		
10,000.0	6,199.3	10,186.2	6,327.2	104.1	104.7	101.05	810.5	-3,617.2	660.5	456.2	204.28	3.233		
10,100.0	6,192.9	10,286.2	6,320.8	106.9	107.5	101.03	810.8	-3,717.0	661.7	452.0	209.73	3.155		
10,200.0	6,186.4	10,386.2	6,314.4	109.7	110.2	101.02	811.1	-3,816.8	663.0	447.8	215.19	3.081		
10,300.0	6,179.9	10,486.2	6,308.0	112.5	113.0	101.00	811.4	-3,916.6	664.2	443.6	220.65	3.010		
10,400.0	6,173.5	10,586.2	6,301.6	115.2	115.8	100.99	811.7	-4,016.4	665.5	439.4	226.11	2.943		
10,500.0	6,167.0	10,686.2	6,295.2	118.0	118.5	100.97	812.0	-4,116.2	666.7	435.1	231.58	2.879		
10,600.0	6,160.5	10,786.2	6,288.8	120.8	121.3	100.96	812.3	-4,216.0	668.0	430.9	237.04	2.818		
10,700.0	6,154.1	10,886.2	6,282.4	123.6	124.1	100.94	812.6	-4,315.7	669.2	426.7	242.51	2.759		
10,800.0	6,147.6	10,986.1	6,276.0	126.3	126.9	100.93	812.9	-4,415.5	670.5	422.5	247.98	2.704		
10,900.0	6,141.1	11,086.1	6,269.6	129.1	129.6	100.91	813.2	-4,515.3	671.7	418.2	253.46	2.650		
10,924.9	6,139.5	11,102.8	6,268.5	129.8	130.1	100.91	813.2	-4,531.9	672.1	417.5	254.60	2.640 SF		

SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 13-16NHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
0.0	0.0	2.0	2.0	0.0	0.0	0.27	60.0	0.3	60.0	60.0	0.00	N/A		
100.0	100.0	102.0	102.0	0.1	0.1	0.27	60.0	0.3	60.0	59.8	0.23	261.713		
200.0	200.0	202.0	202.0	0.3	0.3	0.27	60.0	0.3	60.0	59.3	0.68	88.393		
300.0	300.0	302.0	302.0	0.6	0.6	0.27	60.0	0.3	60.0	58.9	1.13	53.177		
366.0	366.0	368.0	368.0	0.7	0.7	0.27	60.0	0.3	60.0	58.6	1.42	42.107 CC		
400.0	400.0	402.0	402.0	0.8	0.8	0.27	60.0	0.3	60.0	58.4	1.58	38.029 ES		
500.0	500.0	500.0	500.0	1.0	1.0	0.55	61.3	0.6	61.3	59.3	2.02	30.315		
600.0	600.0	598.8	598.7	1.2	1.2	1.32	65.0	1.5	65.1	62.7	2.47	26.361		
700.0	700.0	696.9	696.6	1.5	1.5	2.41	71.2	3.0	71.5	68.6	2.92	24.449		
800.0	800.0	794.5	793.8	1.7	1.7	3.65	79.8	5.1	80.4	77.0	3.39	23.735		
900.0	900.0	891.7	890.4	1.9	2.0	4.88	90.7	7.7	91.8	87.9	3.86	23.769		
1,000.0	1,000.0	988.2	985.9	2.1	2.2	6.01	103.9	10.9	105.7	101.4	4.35	24.288		
1,100.0	1,100.0	1,084.0	1,080.4	2.4	2.6	7.02	119.4	14.7	122.2	117.3	4.86	25.124		
1,200.0	1,200.0	1,178.9	1,173.6	2.6	2.9	7.88	136.9	19.0	141.1	135.7	5.39	26.165		
1,300.0	1,300.0	1,272.9	1,265.3	2.8	3.3	8.62	156.5	23.7	162.5	156.5	5.94	27.336		
1,400.0	1,400.0	1,367.9	1,357.6	3.0	3.7	9.24	178.3	29.0	186.0	179.5	6.52	28.530		
1,500.0	1,500.0	1,465.0	1,451.9	3.3	4.1	9.74	200.8	34.5	209.8	202.7	7.11	29.505		
1,600.0	1,600.0	1,562.1	1,546.2	3.5	4.5	10.14	223.4	40.0	233.7	226.0	7.71	30.307		
1,700.0	1,700.0	1,659.4	1,640.7	3.7	5.0	-38.63	246.0	45.5	256.6	249.0	7.56	33.964		
1,800.0	1,799.9	1,757.2	1,735.7	3.9	5.5	-38.66	268.8	51.0	277.5	269.5	8.03	34.559		
1,900.0	1,899.7	1,855.4	1,831.0	4.1	5.9	-39.00	291.6	56.5	296.4	287.9	8.51	34.824		
2,000.0	1,999.3	1,953.9	1,926.6	4.4	6.4	-39.60	314.5	62.1	313.3	304.3	9.00	34.807		
2,100.0	2,098.6	2,052.6	2,022.4	4.6	6.9	-40.44	337.4	67.7	328.4	318.9	9.50	34.548		
2,132.8	2,131.1	2,085.0	2,053.9	4.7	7.0	-40.77	344.9	69.5	332.9	323.2	9.67	34.416		
2,200.0	2,197.6	2,151.4	2,118.4	4.9	7.3	-41.52	360.4	73.2	342.0	331.9	10.03	34.111		
2,300.0	2,296.7	2,250.3	2,214.4	5.1	7.8	-42.58	383.4	78.8	355.6	345.0	10.56	33.677		
2,400.0	2,395.7	2,349.1	2,310.4	5.4	8.3	-43.56	406.3	84.4	369.3	358.2	11.10	33.264		
2,500.0	2,494.7	2,448.0	2,406.4	5.7	8.8	-44.46	429.3	90.0	383.2	371.5	11.66	32.871		
2,600.0	2,593.7	2,546.9	2,502.4	6.0	9.3	-45.30	452.3	95.6	397.1	384.9	12.22	32.498		
2,700.0	2,692.8	2,645.7	2,598.4	6.3	9.7	-46.09	475.3	101.1	411.1	398.3	12.79	32.144		
2,800.0	2,791.8	2,744.6	2,694.4	6.6	10.2	-46.83	498.2	106.7	425.2	411.8	13.37	31.807		
2,900.0	2,890.8	2,843.5	2,790.4	6.9	10.7	-47.51	521.2	112.3	439.3	425.3	13.95	31.488		
3,000.0	2,989.9	2,942.3	2,886.4	7.2	11.2	-48.16	544.2	117.9	453.5	438.9	14.54	31.185		
3,100.0	3,088.9	3,041.2	2,982.4	7.5	11.7	-48.76	567.2	123.5	467.7	452.6	15.14	30.898		
3,200.0	3,187.9	3,140.0	3,078.3	7.8	12.2	-49.33	590.2	129.1	482.0	466.3	15.74	30.625		
3,300.0	3,286.9	3,238.9	3,174.3	8.1	12.7	-49.87	613.1	134.6	496.4	480.0	16.35	30.366		
3,400.0	3,386.0	3,337.8	3,270.3	8.4	13.1	-50.38	636.1	140.2	510.7	493.8	16.96	30.120		
3,500.0	3,485.0	3,436.6	3,366.3	8.7	13.6	-50.86	659.1	145.8	525.2	507.6	17.57	29.886		
3,600.0	3,584.0	3,535.5	3,462.3	9.0	14.1	-51.31	682.1	151.4	539.6	521.4	18.19	29.663		
3,700.0	3,683.1	3,634.4	3,558.3	9.4	14.6	-51.74	705.0	157.0	554.1	535.3	18.81	29.452		
3,786.7	3,768.9	3,720.1	3,641.6	9.6	15.0	-52.09	725.0	161.8	566.7	547.3	19.36	29.276		
3,800.0	3,782.1	3,733.2	3,654.3	9.7	15.1	-52.17	728.0	162.5	568.6	549.2	19.43	29.258		
3,900.0	3,881.3	3,832.0	3,750.2	9.9	15.6	-52.61	751.0	168.1	584.2	564.2	19.98	29.244		
4,000.0	3,980.9	3,930.5	3,845.8	10.2	16.1	-52.86	773.9	173.7	601.3	580.8	20.49	29.350		
4,100.0	4,080.6	4,028.7	3,941.2	10.4	16.5	-52.93	796.7	179.2	619.9	599.0	20.96	29.571		
4,200.0	4,180.5	4,126.6	4,036.2	10.6	17.0	-52.84	819.5	184.8	640.1	618.7	21.41	29.903		
4,300.0	4,280.5	4,224.0	4,130.8	10.7	17.5	-52.61	842.1	190.3	662.0	640.1	21.82	30.340		
4,319.5	4,300.0	4,243.0	4,149.3	10.8	17.6	-3.42	846.5	191.3	666.4	639.3	27.06	24.629		
4,400.0	4,380.5	4,321.1	4,225.1	10.9	18.0	-2.95	864.7	195.7	684.9	657.2	27.62	24.797		
4,500.0	4,480.5	4,418.2	4,319.4	11.1	18.5	-2.39	887.2	201.2	707.9	679.5	28.33	24.986		
4,600.0	4,580.5	4,521.7	4,419.9	11.3	18.9	-1.85	911.1	207.0	730.8	701.8	29.04	25.164		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 13-16NHZ - Wellbore #1 - Plan #2 (1-12-15)											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			
4,700.0	4,680.5	4,641.9	4,537.3	11.5	19.4	-1.31	936.3	213.1	751.6	721.9	29.71	25.297			
4,800.0	4,780.5	4,763.7	4,657.0	11.7	19.8	-0.87	958.0	218.4	769.4	739.1	30.34	25.360			
4,900.0	4,880.5	4,886.8	4,778.7	11.9	20.1	-0.53	976.3	222.8	784.2	753.3	30.92	25.359			
5,000.0	4,980.5	5,011.0	4,902.0	12.1	20.4	-0.26	990.8	226.4	795.9	764.4	31.46	25.299			
5,100.0	5,080.5	5,136.0	5,026.5	12.3	20.7	-0.07	1,001.5	229.0	804.4	772.5	31.94	25.185			
5,200.0	5,180.5	5,261.7	5,152.0	12.5	20.9	0.04	1,008.2	230.6	809.8	777.4	32.37	25.015			
5,300.0	5,280.5	5,387.7	5,277.9	12.7	21.1	0.09	1,010.9	231.3	812.0	779.2	32.75	24.792			
5,400.0	5,380.5	5,492.2	5,382.5	12.9	21.2	0.09	1,011.0	231.3	812.0	778.9	33.08	24.548			
5,500.0	5,480.5	5,592.2	5,482.5	13.1	21.3	0.09	1,011.0	231.3	812.0	778.6	33.41	24.307			
5,600.0	5,580.5	5,692.2	5,582.5	13.3	21.4	0.09	1,011.0	231.3	812.0	778.3	33.74	24.069			
5,700.0	5,680.5	5,792.2	5,682.5	13.5	21.6	0.09	1,011.0	231.3	812.0	777.9	34.07	23.835			
5,788.7	5,769.2	5,880.9	5,771.2	13.7	21.7	0.09	1,011.0	231.3	812.0	777.6	34.36	23.629			
5,800.0	5,780.5	5,892.2	5,782.5	13.7	21.7	90.64	1,011.0	231.3	812.0	784.1	27.95	29.056			
5,850.0	5,830.4	5,942.1	5,832.3	13.8	21.7	90.72	1,011.0	229.6	812.0	783.9	28.09	28.906			
5,900.0	5,879.9	5,992.0	5,881.9	13.8	21.8	90.80	1,011.0	224.0	812.1	783.9	28.21	28.790			
5,950.0	5,928.8	6,042.0	5,931.0	13.9	21.8	90.87	1,011.1	214.6	812.3	784.0	28.30	28.705			
6,000.0	5,976.6	6,092.2	5,979.3	13.9	21.8	90.93	1,011.1	201.3	812.5	784.1	28.37	28.641			
6,050.0	6,023.2	6,142.4	6,026.5	13.9	21.8	90.99	1,011.2	184.1	812.8	784.3	28.43	28.589			
6,100.0	6,068.2	6,192.7	6,072.3	13.9	21.8	91.05	1,011.3	163.3	813.1	784.6	28.49	28.534			
6,150.0	6,111.4	6,243.1	6,116.4	14.0	21.8	91.09	1,011.4	138.9	813.4	784.9	28.58	28.461			
6,200.0	6,152.5	6,293.6	6,158.5	14.0	21.8	91.13	1,011.6	111.0	813.9	785.1	28.71	28.348			
6,250.0	6,191.2	6,344.1	6,198.3	14.0	21.9	91.16	1,011.7	79.9	814.3	785.4	28.90	28.173			
6,300.0	6,227.3	6,394.8	6,235.5	14.1	21.9	91.19	1,011.9	45.6	814.8	785.6	29.19	27.914			
6,350.0	6,260.5	6,445.5	6,270.0	14.3	21.9	91.21	1,012.0	8.4	815.4	785.8	29.59	27.551			
6,400.0	6,290.8	6,496.3	6,301.4	14.5	21.9	91.22	1,012.2	-31.5	815.9	785.8	30.14	27.071			
6,450.0	6,317.8	6,547.2	6,329.6	14.9	21.9	91.22	1,012.4	-73.9	816.5	785.7	30.85	26.468			
6,500.0	6,341.5	6,598.1	6,354.4	15.4	22.0	91.22	1,012.6	-118.4	817.2	785.4	31.74	25.748			
6,550.0	6,361.6	6,649.1	6,375.5	16.0	22.1	91.20	1,012.9	-164.8	817.8	785.0	32.81	24.927			
6,600.0	6,378.0	6,700.2	6,392.9	16.6	22.3	91.18	1,013.1	-212.7	818.5	784.5	34.06	24.028			
6,650.0	6,390.8	6,751.3	6,406.4	17.4	22.5	91.16	1,013.3	-262.0	819.2	783.7	35.49	23.081			
6,700.0	6,399.6	6,802.4	6,415.9	18.2	22.8	91.12	1,013.5	-312.2	819.9	782.8	37.08	22.113			
6,750.0	6,404.6	6,853.6	6,421.3	19.1	23.2	91.08	1,013.8	-363.1	820.6	781.8	38.80	21.153			
6,800.0	6,405.7	6,904.8	6,422.7	20.0	23.8	91.03	1,014.0	-414.3	821.4	780.7	40.62	20.220			
6,829.9	6,404.5	6,935.4	6,421.5	20.6	24.1	91.00	1,014.2	-444.9	821.8	780.0	41.76	19.679			
6,900.0	6,399.9	7,005.6	6,416.7	22.0	25.1	90.98	1,014.5	-514.9	822.8	778.2	44.53	18.477			
7,000.0	6,393.5	7,105.6	6,409.9	24.2	26.9	90.95	1,015.0	-614.6	824.2	775.4	48.75	16.906			
7,100.0	6,387.0	7,205.6	6,403.1	26.5	28.8	90.93	1,015.4	-714.4	825.6	772.4	53.23	15.511			
7,200.0	6,380.5	7,305.6	6,396.2	28.8	30.9	90.90	1,015.9	-814.1	827.0	769.1	57.90	14.284			
7,300.0	6,374.1	7,405.5	6,389.4	31.3	33.2	90.87	1,016.4	-913.9	828.4	765.7	62.72	13.208			
7,400.0	6,367.6	7,505.5	6,382.5	33.8	35.5	90.84	1,016.8	-1,013.6	829.8	762.2	67.66	12.264			
7,500.0	6,361.1	7,605.5	6,375.7	36.3	37.9	90.82	1,017.3	-1,113.4	831.3	758.6	72.70	11.434			
7,600.0	6,354.6	7,705.5	6,368.9	38.9	40.4	90.79	1,017.8	-1,213.2	832.7	754.9	77.81	10.701			
7,700.0	6,348.2	7,805.5	6,362.0	41.5	42.9	90.76	1,018.2	-1,312.9	834.1	751.1	82.99	10.050			
7,800.0	6,341.7	7,905.5	6,355.2	44.1	45.4	90.74	1,018.7	-1,412.7	835.5	747.3	88.22	9.471			
7,900.0	6,335.2	8,005.5	6,348.4	46.7	48.0	90.71	1,019.2	-1,512.4	836.9	743.4	93.49	8.952			
8,000.0	6,328.8	8,105.5	6,341.5	49.4	50.6	90.69	1,019.6	-1,612.2	838.3	739.5	98.80	8.485			
8,100.0	6,322.3	8,205.5	6,334.7	52.1	53.2	90.66	1,020.1	-1,711.9	839.7	735.6	104.13	8.064			
8,200.0	6,315.8	8,305.5	6,327.9	54.8	55.8	90.63	1,020.6	-1,811.7	841.2	731.7	109.50	7.682			
8,300.0	6,309.3	8,405.4	6,321.0	57.5	58.4	90.61	1,021.0	-1,911.4	842.6	727.7	114.88	7.334			
8,400.0	6,302.9	8,505.4	6,314.2	60.2	61.1	90.58	1,021.5	-2,011.2	844.0	723.7	120.29	7.016			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 13-16NHZ - Wellbore #1 - Plan #2 (1-12-15)										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)			
8,500.0	6,296.4	8,605.4	6,307.4	62.9	63.8	90.56	1,022.0	-2,110.9	845.4	719.7	125.71	6.725		
8,600.0	6,289.9	8,705.4	6,300.5	65.6	66.5	90.53	1,022.4	-2,210.7	846.8	715.7	131.15	6.457		
8,700.0	6,283.5	8,805.4	6,293.7	68.3	69.2	90.50	1,022.9	-2,310.5	848.2	711.6	136.60	6.210		
8,800.0	6,277.0	8,905.4	6,286.8	71.1	71.9	90.48	1,023.4	-2,410.2	849.7	707.6	142.06	5.981		
8,900.0	6,270.5	9,005.4	6,280.0	73.8	74.6	90.45	1,023.8	-2,510.0	851.1	703.5	147.53	5.769		
9,000.0	6,264.1	9,105.4	6,273.2	76.6	77.3	90.43	1,024.3	-2,609.7	852.5	699.5	153.01	5.571		
9,100.0	6,257.6	9,205.4	6,266.3	79.3	80.0	90.40	1,024.8	-2,709.5	853.9	695.4	158.50	5.387		
9,200.0	6,251.1	9,305.3	6,259.5	82.1	82.7	90.38	1,025.2	-2,809.2	855.3	691.3	164.00	5.215		
9,300.0	6,244.6	9,405.3	6,252.7	84.8	85.5	90.35	1,025.7	-2,909.0	856.7	687.2	169.50	5.054		
9,400.0	6,238.2	9,505.3	6,245.8	87.6	88.2	90.33	1,026.2	-3,008.7	858.2	683.2	175.01	4.903		
9,500.0	6,231.7	9,605.3	6,239.0	90.3	90.9	90.30	1,026.6	-3,108.5	859.6	679.1	180.53	4.761		
9,600.0	6,225.2	9,705.3	6,232.2	93.1	93.7	90.28	1,027.1	-3,208.2	861.0	675.0	186.05	4.628		
9,700.0	6,218.8	9,805.3	6,225.3	95.8	96.4	90.25	1,027.6	-3,308.0	862.4	670.8	191.57	4.502		
9,800.0	6,212.3	9,905.3	6,218.5	98.6	99.2	90.23	1,028.0	-3,407.7	863.8	666.7	197.10	4.383		
9,900.0	6,205.8	10,005.3	6,211.7	101.4	101.9	90.20	1,028.5	-3,507.5	865.3	662.6	202.63	4.270		
10,000.0	6,199.3	10,105.3	6,204.8	104.1	104.7	90.18	1,028.9	-3,607.3	866.7	658.5	208.17	4.163		
10,100.0	6,192.9	10,205.2	6,198.0	106.9	107.4	90.15	1,029.4	-3,707.0	868.1	654.4	213.71	4.062		
10,200.0	6,186.4	10,305.2	6,191.1	109.7	110.2	90.13	1,029.9	-3,806.8	869.5	650.3	219.25	3.966		
10,300.0	6,179.9	10,405.2	6,184.3	112.5	112.9	90.10	1,030.3	-3,906.5	870.9	646.1	224.80	3.874		
10,400.0	6,173.5	10,505.2	6,177.5	115.2	115.7	90.08	1,030.8	-4,006.3	872.4	642.0	230.34	3.787		
10,500.0	6,167.0	10,605.2	6,170.6	118.0	118.5	90.06	1,031.3	-4,106.0	873.8	637.9	235.89	3.704		
10,600.0	6,160.5	10,705.2	6,163.8	120.8	121.2	90.03	1,031.7	-4,205.8	875.2	633.7	241.45	3.625		
10,700.0	6,154.1	10,805.2	6,157.0	123.6	124.0	90.01	1,032.2	-4,305.5	876.6	629.6	247.00	3.549		
10,800.0	6,147.6	10,905.2	6,150.1	126.3	126.8	89.98	1,032.7	-4,405.3	878.0	625.5	252.56	3.477		
10,900.0	6,141.1	11,005.2	6,143.3	129.1	129.5	89.96	1,033.1	-4,505.0	879.4	621.3	258.11	3.407		
10,924.9	6,139.5	11,030.1	6,141.6	129.8	130.2	89.95	1,033.3	-4,529.9	879.8	620.3	259.50	3.390 SF		



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-75.0	0.0	75.1					
100.0	100.0	98.0	98.0	0.1	0.1	-180.00	-75.0	0.0	75.0	74.8	0.22	337.193		
200.0	200.0	198.0	198.0	0.3	0.3	-180.00	-75.0	0.0	75.0	74.4	0.67	112.022		
300.0	300.0	298.0	298.0	0.6	0.6	-180.00	-75.0	0.0	75.0	73.9	1.12	67.034		
400.0	400.0	398.0	398.0	0.8	0.8	-180.00	-75.0	0.0	75.0	73.5	1.57	47.826 CC, ES		
500.0	500.0	496.2	496.1	1.0	1.0	179.76	-76.2	0.3	76.2	74.2	1.99	38.314		
600.0	600.0	594.2	594.1	1.2	1.2	179.05	-79.8	1.3	79.9	77.5	2.40	33.285		
700.0	700.0	691.9	691.6	1.5	1.4	178.01	-85.8	3.0	86.1	83.2	2.83	30.454		
800.0	800.0	789.3	788.6	1.7	1.6	176.78	-94.1	5.3	94.7	91.5	3.27	29.010		
900.0	900.0	886.1	884.8	1.9	1.9	175.50	-104.8	8.3	106.0	102.2	3.72	28.469 SF		
1,000.0	1,000.0	982.3	980.1	2.1	2.1	174.26	-117.7	11.8	119.7	115.5	4.19	28.527		
1,100.0	1,100.0	1,077.8	1,074.3	2.4	2.5	173.12	-132.8	16.0	135.9	131.2	4.69	28.985		
1,200.0	1,200.0	1,172.5	1,167.2	2.6	2.8	172.11	-150.0	20.8	154.6	149.4	5.20	29.704		
1,300.0	1,300.0	1,268.8	1,261.4	2.8	3.2	171.22	-169.4	26.2	175.3	169.5	5.74	30.510		
1,400.0	1,400.0	1,366.6	1,357.0	3.0	3.6	170.51	-189.2	31.6	196.1	189.8	6.30	31.123		
1,500.0	1,500.0	1,464.3	1,452.6	3.3	4.0	169.93	-209.0	37.1	217.0	210.2	6.87	31.599		
1,600.0	1,600.0	1,562.1	1,548.2	3.5	4.5	169.45	-228.8	42.6	238.0	230.5	7.44	31.972		
1,700.0	1,700.0	1,659.7	1,643.6	3.7	4.9	119.89	-248.5	48.1	259.6	252.2	7.36	35.242		
1,800.0	1,799.9	1,757.1	1,738.8	3.9	5.3	119.93	-268.2	53.5	282.4	274.6	7.82	36.099		
1,900.0	1,899.7	1,854.0	1,833.6	4.1	5.8	120.34	-287.9	59.0	306.6	298.3	8.28	37.003		
2,000.0	1,999.3	1,950.6	1,928.0	4.4	6.2	121.03	-307.4	64.4	332.1	323.3	8.75	37.944		
2,100.0	2,098.6	2,046.6	2,021.9	4.6	6.6	121.91	-326.9	69.8	359.0	349.8	9.23	38.912		
2,132.8	2,131.1	2,078.0	2,052.5	4.7	6.8	122.23	-333.2	71.6	368.2	358.8	9.38	39.234		
2,200.0	2,197.6	2,142.2	2,115.3	4.9	7.1	123.12	-346.2	75.2	387.1	377.4	9.72	39.822		
2,300.0	2,296.7	2,237.8	2,208.8	5.1	7.5	124.28	-365.6	80.5	415.5	405.3	10.23	40.604		
2,400.0	2,395.7	2,333.3	2,302.2	5.4	7.9	125.30	-384.9	85.9	444.0	433.3	10.75	41.292		
2,500.0	2,494.7	2,428.9	2,395.6	5.7	8.4	126.20	-404.3	91.2	472.7	461.4	11.28	41.900		
2,600.0	2,593.7	2,524.5	2,489.1	6.0	8.8	126.99	-423.6	96.6	501.4	489.6	11.81	42.440		
2,700.0	2,692.8	2,620.0	2,582.5	6.3	9.2	127.70	-442.9	102.0	530.2	517.8	12.35	42.923		
2,800.0	2,791.8	2,715.6	2,675.9	6.6	9.7	128.33	-462.3	107.3	559.1	546.2	12.89	43.356		
2,900.0	2,890.8	2,811.2	2,769.4	6.9	10.1	128.90	-481.6	112.7	588.0	574.5	13.44	43.746		
3,000.0	2,989.9	2,906.7	2,862.8	7.2	10.6	129.42	-501.0	118.1	617.0	603.0	13.99	44.100		
3,100.0	3,088.9	3,002.3	2,956.3	7.5	11.0	129.90	-520.3	123.4	646.0	631.4	14.54	44.421		
3,200.0	3,187.9	3,097.9	3,049.7	7.8	11.4	130.33	-539.7	128.8	675.0	659.9	15.10	44.715		
3,300.0	3,286.9	3,193.4	3,143.1	8.1	11.9	130.72	-559.0	134.1	704.1	688.5	15.65	44.983		
3,400.0	3,386.0	3,289.0	3,236.6	8.4	12.3	131.09	-578.4	139.5	733.2	717.0	16.21	45.230		
3,500.0	3,485.0	3,384.6	3,330.0	8.7	12.8	131.43	-597.7	144.9	762.4	745.6	16.77	45.457		
3,600.0	3,584.0	3,480.1	3,423.4	9.0	13.2	131.74	-617.1	150.2	791.5	774.2	17.33	45.667		
3,700.0	3,683.1	3,575.7	3,516.9	9.4	13.6	132.03	-636.4	155.6	820.7	802.8	17.90	45.862		
3,786.7	3,768.9	3,658.6	3,597.9	9.6	14.0	132.26	-653.2	160.2	846.0	827.7	18.38	46.019		
3,800.0	3,782.1	3,671.3	3,610.3	9.7	14.1	132.34	-655.8	161.0	849.9	831.4	18.46	46.034		
3,900.0	3,881.3	3,767.2	3,704.1	9.9	14.5	132.84	-675.2	166.3	878.0	859.0	19.01	46.193		
4,000.0	3,980.9	3,863.6	3,798.4	10.2	15.0	133.17	-694.7	171.7	904.5	884.9	19.54	46.293		
4,100.0	4,080.6	3,960.5	3,893.1	10.4	15.4	133.36	-714.3	177.2	929.2	909.1	20.05	46.342		
4,200.0	4,180.5	4,057.8	3,988.2	10.6	15.9	133.41	-734.0	182.6	952.1	931.6	20.54	46.350		
4,300.0	4,280.5	4,155.4	4,083.6	10.7	16.3	133.34	-753.8	188.1	973.4	952.4	21.01	46.322		
4,319.5	4,300.0	4,174.5	4,102.2	10.8	16.4	-177.56	-757.6	189.2	977.3	951.3	25.98	37.611		
4,400.0	4,380.5	4,253.2	4,179.2	10.9	16.8	-177.86	-773.6	193.6	993.4	967.0	26.50	37.495		



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-60.0	0.0	60.0					
100.0	100.0	98.0	98.0	0.1	0.1	-180.00	-60.0	0.0	60.0	59.8	0.22	269.636		
200.0	200.0	198.0	198.0	0.3	0.3	-180.00	-60.0	0.0	60.0	59.3	0.67	89.579		
300.0	300.0	298.0	298.0	0.6	0.6	-180.00	-60.0	0.0	60.0	58.9	1.12	53.603		
400.0	400.0	398.0	398.0	0.8	0.8	-180.00	-60.0	0.0	60.0	58.4	1.57	38.244		
500.0	500.0	498.0	498.0	1.0	1.0	-180.00	-60.0	0.0	60.0	58.0	2.02	29.727		
600.0	600.0	598.0	598.0	1.2	1.2	-180.00	-60.0	0.0	60.0	57.5	2.47	24.312		
700.0	700.0	698.0	698.0	1.5	1.5	-180.00	-60.0	0.0	60.0	57.1	2.92	20.566		
800.0	800.0	798.0	798.0	1.7	1.7	-180.00	-60.0	0.0	60.0	56.6	3.37	17.820 CC, ES		
900.0	900.0	896.6	896.5	1.9	1.9	179.60	-61.1	0.4	61.2	57.4	3.79	16.151		
1,000.0	1,000.0	995.0	994.9	2.1	2.1	178.48	-64.7	1.7	64.8	60.6	4.19	15.460		
1,100.0	1,100.0	1,093.1	1,092.8	2.4	2.2	176.84	-70.5	3.9	70.8	66.2	4.60	15.398		
1,200.0	1,200.0	1,190.8	1,190.2	2.6	2.5	174.98	-78.7	6.9	79.4	74.4	5.02	15.815		
1,300.0	1,300.0	1,288.1	1,286.8	2.8	2.7	173.11	-89.2	10.8	90.6	85.1	5.46	16.596		
1,400.0	1,400.0	1,384.7	1,382.4	3.0	2.9	171.37	-101.9	15.5	104.2	98.3	5.91	17.648		
1,500.0	1,500.0	1,480.6	1,477.0	3.3	3.2	169.84	-116.7	20.9	120.4	114.1	6.37	18.897		
1,600.0	1,600.0	1,578.5	1,573.3	3.5	3.5	168.53	-133.3	27.0	138.2	131.4	6.86	20.140		
1,700.0	1,700.0	1,676.8	1,670.0	3.7	3.9	118.57	-150.0	33.2	156.7	149.5	7.20	21.761		
1,800.0	1,799.9	1,774.8	1,766.4	3.9	4.2	118.61	-166.6	39.3	176.5	168.8	7.64	23.090		
1,900.0	1,899.7	1,872.5	1,862.5	4.1	4.6	119.25	-183.1	45.4	197.4	189.3	8.09	24.408		
2,000.0	1,999.3	1,969.9	1,958.3	4.4	4.9	120.30	-199.6	51.5	219.7	211.2	8.54	25.722		
2,100.0	2,098.6	2,066.8	2,053.6	4.6	5.3	121.62	-216.0	57.6	243.5	234.5	9.01	27.030		
2,132.8	2,131.1	2,098.5	2,084.7	4.7	5.4	122.10	-221.4	59.5	251.6	242.4	9.16	27.459		
2,200.0	2,197.6	2,163.4	2,148.6	4.9	5.7	123.23	-232.4	63.6	268.5	259.0	9.49	28.280		
2,300.0	2,296.7	2,259.9	2,243.5	5.1	6.1	124.68	-248.7	69.6	293.7	283.7	9.99	29.391		
2,400.0	2,395.7	2,356.4	2,338.4	5.4	6.4	125.90	-265.1	75.6	319.1	308.6	10.50	30.383		
2,500.0	2,494.7	2,452.9	2,433.4	5.7	6.8	126.94	-281.4	81.7	344.6	333.6	11.02	31.273		
2,600.0	2,593.7	2,549.4	2,528.3	6.0	7.2	127.84	-297.8	87.7	370.2	358.6	11.54	32.074		
2,700.0	2,692.8	2,646.0	2,623.2	6.3	7.6	128.62	-314.1	93.7	395.8	383.8	12.07	32.796		
2,800.0	2,791.8	2,742.5	2,718.1	6.6	8.0	129.31	-330.5	99.8	421.6	409.0	12.60	33.450		
2,900.0	2,890.8	2,839.0	2,813.1	6.9	8.4	129.91	-346.8	105.8	447.4	434.2	13.14	34.045		
3,000.0	2,989.9	2,935.5	2,908.0	7.2	8.8	130.46	-363.2	111.8	473.2	459.5	13.68	34.587		
3,100.0	3,088.9	3,032.0	3,002.9	7.5	9.1	130.94	-379.5	117.9	499.0	484.8	14.22	35.083		
3,200.0	3,187.9	3,128.5	3,097.9	7.8	9.5	131.38	-395.9	123.9	524.9	510.1	14.77	35.538		
3,300.0	3,286.9	3,225.1	3,192.8	8.1	9.9	131.78	-412.2	129.9	550.8	535.5	15.32	35.957		
3,400.0	3,386.0	3,321.6	3,287.7	8.4	10.3	132.14	-428.6	136.0	576.8	560.9	15.87	36.343		
3,500.0	3,485.0	3,418.1	3,382.7	8.7	10.7	132.47	-444.9	142.0	602.7	586.3	16.42	36.701		
3,600.0	3,584.0	3,514.6	3,477.6	9.0	11.1	132.77	-461.3	148.0	628.7	611.7	16.98	37.032		
3,700.0	3,683.1	3,611.1	3,572.5	9.4	11.5	133.05	-477.6	154.0	654.7	637.1	17.53	37.340		
3,786.7	3,768.9	3,694.8	3,654.9	9.6	11.9	133.27	-491.8	159.3	677.2	659.2	18.02	37.590		
3,800.0	3,782.1	3,707.7	3,667.5	9.7	11.9	133.34	-494.0	160.1	680.7	662.6	18.09	37.624		
3,900.0	3,881.3	3,804.5	3,762.7	9.9	12.3	133.76	-510.4	166.1	705.6	686.9	18.62	37.898		
4,000.0	3,980.9	3,901.8	3,858.4	10.2	12.7	133.99	-526.8	172.2	728.7	709.6	19.13	38.096		
4,100.0	4,080.6	3,999.4	3,954.4	10.4	13.1	134.06	-543.4	178.3	750.1	730.5	19.62	38.226		
4,200.0	4,180.5	4,097.4	4,050.8	10.6	13.5	133.97	-560.0	184.4	769.7	749.6	20.10	38.299		
4,300.0	4,280.5	4,195.6	4,147.4	10.7	13.9	133.74	-576.6	190.6	787.6	767.0	20.55	38.323		
4,319.5	4,300.0	4,214.8	4,166.3	10.8	14.0	-177.19	-579.9	191.8	790.9	767.4	23.48	33.681		
4,400.0	4,380.5	4,294.0	4,244.2	10.9	14.3	-177.59	-593.3	196.7	804.3	780.3	23.95	33.581		
4,500.0	4,480.5	4,392.3	4,340.9	11.1	14.7	-178.08	-609.9	202.9	821.0	796.5	24.55	33.440		
4,600.0	4,580.5	4,497.8	4,444.7	11.3	15.1	-178.57	-627.7	209.4	837.7	812.5	25.16	33.290		
4,700.0	4,680.5	4,622.3	4,567.6	11.5	15.5	-179.06	-645.8	216.1	852.2	826.5	25.71	33.146		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 14-16NHZ - Wellbore #1 - Plan #2 (1-12-15)											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			
4,800.0	4,780.5	4,747.9	4,692.2	11.7	15.8	-179.43	-660.3	221.4	863.7	837.5	26.22	32.937			
4,900.0	4,880.5	4,874.4	4,818.2	11.9	16.0	-179.70	-671.0	225.4	872.1	845.4	26.70	32.664			
5,000.0	4,980.5	5,001.5	4,945.1	12.1	16.3	-179.86	-677.9	227.9	877.5	850.4	27.14	32.333			
5,100.0	5,080.5	5,129.0	5,072.6	12.3	16.5	-179.93	-680.7	229.0	879.7	852.2	27.54	31.945			
5,200.0	5,180.5	5,234.9	5,178.5	12.5	16.6	-179.93	-680.8	229.0	879.8	851.9	27.89	31.544			
5,300.0	5,280.5	5,334.9	5,278.5	12.7	16.7	-179.93	-680.8	229.0	879.8	851.6	28.23	31.167			
5,400.0	5,380.5	5,434.9	5,378.5	12.9	16.9	-179.93	-680.8	229.0	879.8	851.2	28.57	30.797			
5,500.0	5,480.5	5,534.9	5,478.5	13.1	17.0	-179.93	-680.8	229.0	879.8	850.9	28.91	30.433			
5,600.0	5,580.5	5,634.9	5,578.5	13.3	17.1	-179.93	-680.8	229.0	879.8	850.5	29.25	30.074			
5,700.0	5,680.5	5,734.9	5,678.5	13.5	17.3	-179.93	-680.8	229.0	879.8	850.2	29.60	29.722			
5,757.2	5,737.7	5,792.1	5,735.7	13.6	17.3	-179.93	-680.8	229.0	879.8	850.0	29.80	29.522			
5,788.7	5,769.2	5,823.5	5,767.1	13.7	17.4	-179.93	-680.8	229.0	879.8	849.9	29.91	29.414			
5,800.0	5,780.5	5,834.6	5,778.2	13.7	17.4	-89.38	-680.8	228.8	879.8	853.0	26.82	32.799			
5,850.0	5,830.4	5,883.9	5,827.4	13.8	17.4	-89.36	-680.8	225.6	879.8	852.8	26.98	32.615			
5,900.0	5,879.9	5,933.1	5,876.1	13.8	17.5	-89.34	-680.9	218.7	879.8	852.7	27.09	32.472			
5,950.0	5,928.8	5,982.3	5,924.1	13.9	17.5	-89.32	-681.0	208.0	879.8	852.6	27.18	32.365			
6,000.0	5,976.6	6,031.5	5,971.1	13.9	17.5	-89.31	-681.1	193.6	879.8	852.6	27.25	32.283			
6,050.0	6,023.2	6,080.7	6,016.9	13.9	17.6	-89.30	-681.3	175.7	879.8	852.5	27.31	32.213			
6,100.0	6,068.2	6,129.8	6,061.1	13.9	17.6	-89.30	-681.5	154.3	879.8	852.4	27.38	32.139			
6,150.0	6,111.4	6,179.0	6,103.6	14.0	17.6	-89.30	-681.8	129.5	879.8	852.4	27.46	32.038			
6,200.0	6,152.5	6,228.2	6,144.0	14.0	17.6	-89.30	-682.0	101.5	879.8	852.2	27.59	31.886			
6,250.0	6,191.2	6,277.4	6,182.2	14.0	17.6	-89.31	-682.3	70.5	879.8	852.0	27.79	31.655			
6,300.0	6,227.3	6,326.5	6,217.8	14.1	17.6	-89.32	-682.6	36.7	879.8	851.7	28.09	31.320			
6,350.0	6,260.5	6,375.8	6,250.8	14.3	17.6	-89.34	-683.0	0.1	879.8	851.3	28.51	30.859			
6,400.0	6,290.8	6,425.0	6,280.8	14.5	17.6	-89.36	-683.4	-38.9	879.8	850.7	29.08	30.256			
6,450.0	6,317.8	6,474.2	6,307.8	14.9	17.6	-89.39	-683.8	-80.1	879.8	850.0	29.81	29.511			
6,500.0	6,341.5	6,523.5	6,331.5	15.4	17.7	-89.42	-684.2	-123.3	879.8	849.1	30.73	28.632			
6,550.0	6,361.6	6,572.9	6,351.8	16.0	17.8	-89.45	-684.6	-168.2	879.8	848.0	31.83	27.641			
6,600.0	6,378.0	6,622.2	6,368.5	16.6	18.0	-89.49	-685.0	-214.6	879.8	846.7	33.11	26.570			
6,650.0	6,390.8	6,671.6	6,381.7	17.4	18.3	-89.53	-685.5	-262.3	879.8	845.2	34.57	25.451			
6,700.0	6,399.6	6,721.1	6,391.1	18.2	18.9	-89.57	-686.0	-310.8	879.8	843.6	36.18	24.319			
6,750.0	6,404.6	6,770.6	6,396.7	19.1	19.6	-89.61	-686.4	-360.0	879.8	841.9	37.92	23.202			
6,800.0	6,405.7	6,820.1	6,398.5	20.0	20.4	-89.66	-686.9	-409.5	879.8	840.0	39.76	22.124			
6,829.9	6,404.5	6,850.0	6,397.7	20.6	21.0	-89.69	-687.2	-439.3	879.8	838.8	40.91	21.504			
6,843.7	6,403.6	6,863.5	6,396.9	20.9	21.2	-89.69	-687.3	-452.8	879.8	838.3	41.46	21.221			
6,900.0	6,399.9	6,919.8	6,392.5	22.0	22.4	-89.65	-687.8	-508.9	879.8	836.0	43.74	20.113			
7,000.0	6,393.5	7,019.8	6,384.8	24.2	24.4	-89.57	-688.8	-608.6	879.8	831.7	48.03	18.316			
7,100.0	6,387.0	7,119.8	6,377.1	26.5	26.7	-89.48	-689.8	-708.3	879.8	827.2	52.57	16.736			
7,200.0	6,380.5	7,219.7	6,369.4	28.8	29.0	-89.40	-690.7	-808.0	879.8	822.5	57.29	15.356			
7,300.0	6,374.1	7,319.7	6,361.6	31.3	31.4	-89.32	-691.7	-907.6	879.8	817.6	62.16	14.154			
7,400.0	6,367.6	7,419.7	6,353.9	33.8	33.9	-89.24	-692.6	-1,007.3	879.8	812.7	67.14	13.104			
7,500.0	6,361.1	7,519.7	6,346.2	36.3	36.4	-89.16	-693.6	-1,107.0	879.8	807.6	72.21	12.184			
7,600.0	6,354.6	7,619.7	6,338.5	38.9	38.9	-89.07	-694.5	-1,206.7	879.9	802.5	77.35	11.374			
7,700.0	6,348.2	7,719.7	6,330.7	41.5	41.5	-88.99	-695.5	-1,306.4	879.9	797.3	82.55	10.658			
7,800.0	6,341.7	7,819.7	6,323.0	44.1	44.1	-88.91	-696.4	-1,406.1	879.9	792.1	87.80	10.022			
7,900.0	6,335.2	7,919.7	6,315.3	46.7	46.7	-88.83	-697.4	-1,505.8	879.9	786.8	93.09	9.453			
8,000.0	6,328.8	8,019.7	6,307.6	49.4	49.4	-88.75	-698.3	-1,605.5	880.0	781.5	98.41	8.942			
8,100.0	6,322.3	8,119.7	6,299.9	52.1	52.0	-88.67	-699.3	-1,705.2	880.0	776.2	103.76	8.481			
8,200.0	6,315.8	8,219.7	6,292.1	54.8	54.7	-88.58	-700.2	-1,804.8	880.0	770.9	109.13	8.064			
8,300.0	6,309.3	8,319.7	6,284.4	57.5	57.4	-88.50	-701.2	-1,904.5	880.0	765.5	114.52	7.685			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 14-16NHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error: 0.0ft
Survey Program: 0-MWD													Offset Well Error: 0.0ft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
8,400.0	6,302.9	8,419.6	6,276.7	60.2	60.1	-88.42	-702.1	-2,004.2	880.1	760.2	119.93	7.339	
8,500.0	6,296.4	8,519.6	6,269.0	62.9	62.8	-88.34	-703.1	-2,103.9	880.1	754.8	125.35	7.021	
8,600.0	6,289.9	8,619.6	6,261.2	65.6	65.5	-88.26	-704.0	-2,203.6	880.2	749.4	130.79	6.730	
8,700.0	6,283.5	8,719.6	6,253.5	68.3	68.2	-88.17	-705.0	-2,303.3	880.2	744.0	136.23	6.461	
8,800.0	6,277.0	8,819.6	6,245.8	71.1	70.9	-88.09	-705.9	-2,403.0	880.2	738.5	141.69	6.212	
8,900.0	6,270.5	8,919.6	6,238.1	73.8	73.7	-88.01	-706.9	-2,502.7	880.3	733.1	147.16	5.982	
9,000.0	6,264.1	9,019.6	6,230.3	76.6	76.4	-87.93	-707.9	-2,602.4	880.3	727.7	152.63	5.768	
9,100.0	6,257.6	9,119.6	6,222.6	79.3	79.1	-87.85	-708.8	-2,702.0	880.4	722.2	158.11	5.568	
9,200.0	6,251.1	9,219.6	6,214.9	82.1	81.9	-87.77	-709.8	-2,801.7	880.4	716.8	163.60	5.381	
9,300.0	6,244.6	9,319.6	6,207.2	84.8	84.6	-87.68	-710.7	-2,901.4	880.5	711.4	169.09	5.207	
9,400.0	6,238.2	9,419.6	6,199.4	87.6	87.4	-87.60	-711.7	-3,001.1	880.5	705.9	174.59	5.043	
9,500.0	6,231.7	9,519.6	6,191.7	90.3	90.1	-87.52	-712.6	-3,100.8	880.6	700.5	180.09	4.890	
9,600.0	6,225.2	9,619.6	6,184.0	93.1	92.9	-87.44	-713.6	-3,200.5	880.6	695.0	185.59	4.745	
9,700.0	6,218.8	9,719.5	6,176.3	95.8	95.6	-87.36	-714.5	-3,300.2	880.7	689.6	191.10	4.608	
9,800.0	6,212.3	9,819.5	6,168.6	98.6	98.4	-87.28	-715.5	-3,399.9	880.7	684.1	196.61	4.480	
9,900.0	6,205.8	9,919.5	6,160.8	101.4	101.1	-87.19	-716.4	-3,499.6	880.8	678.7	202.12	4.358	
10,000.0	6,199.3	10,019.5	6,153.1	104.1	103.9	-87.11	-717.4	-3,599.2	880.9	673.2	207.64	4.242	
10,100.0	6,192.9	10,119.5	6,145.4	106.9	106.7	-87.03	-718.3	-3,698.9	880.9	667.8	213.15	4.133	
10,200.0	6,186.4	10,219.5	6,137.7	109.7	109.4	-86.95	-719.3	-3,798.6	881.0	662.3	218.67	4.029	
10,300.0	6,179.9	10,319.5	6,129.9	112.5	112.2	-86.87	-720.2	-3,898.3	881.1	656.9	224.19	3.930	
10,400.0	6,173.5	10,419.5	6,122.2	115.2	114.9	-86.79	-721.2	-3,998.0	881.1	651.4	229.71	3.836	
10,500.0	6,167.0	10,519.5	6,114.5	118.0	117.7	-86.70	-722.1	-4,097.7	881.2	646.0	235.23	3.746	
10,600.0	6,160.5	10,619.5	6,106.8	120.8	120.5	-86.62	-723.1	-4,197.4	881.3	640.5	240.76	3.660	
10,700.0	6,154.1	10,719.5	6,099.0	123.6	123.3	-86.54	-724.0	-4,297.1	881.3	635.1	246.28	3.579	
10,800.0	6,147.6	10,819.5	6,091.3	126.3	126.0	-86.46	-725.0	-4,396.8	881.4	629.6	251.80	3.500	
10,900.0	6,141.1	10,919.5	6,083.6	129.1	128.6	-86.38	-725.9	-4,496.4	881.5	624.4	257.14	3.428	
10,924.9	6,139.5	10,944.3	6,081.7	129.8	129.1	-86.36	-726.2	-4,521.3	881.5	623.3	258.27	3.413 SF	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 24-16CHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre	+N/-S (ft)	+E/-W (ft)	Distance	Minimum Separation (ft)	Separation Factor	Warning
				(ft)	(ft)						Between Centres (ft)	Between Ellipses (ft)		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-180.00	-45.0	0.0	45.0	45.0	44.8	0.22	201.212
100.0	100.0	99.0	99.0	0.1	0.1	-180.00	-180.00	-45.0	0.0	45.0	45.0	44.3	0.67	66.959
200.0	200.0	199.0	199.0	0.3	0.3	-180.00	-180.00	-45.0	0.0	45.0	45.0	43.9	1.12	40.122
300.0	300.0	299.0	299.0	0.6	0.6	-180.00	-180.00	-45.0	0.0	45.0	45.0	43.4	1.57	28.642
400.0	400.0	399.0	399.0	0.8	0.8	-180.00	-180.00	-45.0	0.0	45.0	45.0	43.0	2.02	22.270
500.0	500.0	499.0	499.0	1.0	1.0	-180.00	-180.00	-45.0	0.0	45.0	45.0	42.5	2.47	18.217
600.0	600.0	599.0	599.0	1.2	1.2	-180.00	-180.00	-45.0	0.0	45.0	45.0	42.1	2.92	15.412
700.0	700.0	699.0	699.0	1.5	1.5	-180.00	-180.00	-45.0	0.0	45.0	45.0	41.6	3.37	13.356
800.0	800.0	799.0	799.0	1.7	1.7	-180.00	-180.00	-45.0	0.0	45.0	45.0	41.2	3.82	11.784
900.0	900.0	899.0	899.0	1.9	1.9	-180.00	-180.00	-45.0	0.0	45.0	45.0	40.7	4.27	10.543 CC, ES
1,000.0	1,000.0	999.0	999.0	2.1	2.1	-180.00	-180.00	-45.0	0.0	45.0	45.0	41.4	4.69	9.834
1,100.0	1,100.0	1,098.0	1,098.0	2.4	2.3	179.25	179.25	-46.1	0.6	46.1	46.1	44.5	5.09	9.732
1,200.0	1,200.0	1,196.8	1,196.7	2.6	2.5	177.17	177.17	-49.4	2.4	49.6	49.6	44.5	5.50	10.073
1,300.0	1,300.0	1,295.4	1,295.1	2.8	2.7	174.29	174.29	-55.0	5.5	55.4	55.4	43.9	5.92	10.778
1,400.0	1,400.0	1,393.5	1,392.8	3.0	2.9	171.16	171.16	-62.7	9.8	63.8	63.8	43.0	6.35	11.779
1,500.0	1,500.0	1,491.2	1,489.8	3.3	3.1	168.18	168.18	-72.6	15.2	74.8	74.8	42.5	6.79	12.957
1,600.0	1,600.0	1,589.4	1,587.1	3.5	3.4	165.59	165.59	-84.4	21.7	88.0	88.0	42.1	7.21	14.174
1,700.0	1,700.0	1,688.3	1,685.1	3.7	3.6	114.97	114.97	-96.6	28.4	102.1	102.1	41.6	7.64	15.377
1,800.0	1,799.9	1,787.1	1,782.9	3.9	3.9	114.97	114.97	-108.7	35.0	117.4	117.4	41.2	8.07	16.575
1,900.0	1,899.7	1,885.8	1,880.6	4.1	4.2	115.93	115.93	-120.8	41.7	133.8	133.8	40.7	8.52	17.771
2,000.0	1,999.3	1,984.1	1,977.9	4.4	4.5	117.51	117.51	-132.8	48.3	151.4	151.4	40.7	8.98	18.976
2,100.0	2,098.6	2,082.1	2,074.9	4.6	4.8	119.48	119.48	-144.8	54.9	170.4	170.4	40.7	9.13	19.374
2,132.8	2,131.1	2,114.1	2,106.7	4.7	4.9	120.18	120.18	-148.7	57.1	177.0	177.0	40.7	9.46	20.153
2,200.0	2,197.6	2,179.7	2,171.7	4.9	5.1	121.69	121.69	-156.8	61.5	190.7	190.7	40.7	9.95	21.218
2,300.0	2,296.7	2,277.4	2,268.4	5.1	5.4	123.58	123.58	-168.7	68.1	211.2	211.2	40.7	10.46	22.180
2,400.0	2,395.7	2,375.0	2,365.0	5.4	5.7	125.14	125.14	-180.7	74.7	231.9	231.9	40.7	10.97	23.051
2,500.0	2,494.7	2,472.7	2,461.7	5.7	6.1	126.44	126.44	-192.7	81.3	252.8	252.8	40.7	11.48	23.841
2,600.0	2,593.7	2,570.3	2,558.4	6.0	6.4	127.54	127.54	-204.6	87.8	273.8	273.8	40.7	12.01	24.559
2,700.0	2,692.8	2,668.0	2,655.1	6.3	6.7	128.49	128.49	-216.6	94.4	294.8	294.8	40.7	12.53	25.213
2,800.0	2,791.8	2,765.6	2,751.8	6.6	7.0	129.31	129.31	-228.6	101.0	316.0	316.0	40.7	13.06	25.811
2,900.0	2,890.8	2,863.3	2,848.5	6.9	7.4	130.03	130.03	-240.5	107.6	337.1	337.1	40.7	13.60	26.359
3,000.0	2,889.9	2,860.9	2,845.2	7.2	7.7	130.66	130.66	-252.5	114.2	358.4	358.4	40.7	14.13	26.862
3,100.0	3,088.9	3,058.6	3,041.9	7.5	8.0	131.22	131.22	-264.5	120.8	379.6	379.6	40.7	14.67	27.326
3,200.0	3,187.9	3,156.2	3,138.6	7.8	8.4	131.72	131.72	-276.4	127.3	400.9	400.9	40.7	15.21	27.754
3,300.0	3,286.9	3,253.9	3,235.3	8.1	8.7	132.17	132.17	-288.4	133.9	422.2	422.2	40.7	15.76	28.151
3,400.0	3,386.0	3,351.5	3,331.9	8.4	9.0	132.58	132.58	-300.4	140.5	443.6	443.6	40.7	16.30	28.519
3,500.0	3,485.0	3,449.2	3,428.6	8.7	9.4	132.95	132.95	-312.3	147.1	464.9	464.9	40.7	16.85	28.862
3,600.0	3,584.0	3,546.8	3,525.3	9.0	9.7	133.29	133.29	-324.3	153.7	486.3	486.3	40.7	17.40	29.181
3,700.0	3,683.1	3,644.5	3,622.0	9.4	10.0	133.60	133.60	-336.3	160.3	507.7	507.7	40.7	17.88	29.441
3,786.7	3,768.9	3,729.2	3,705.9	9.6	10.3	133.85	133.85	-346.6	166.0	526.3	526.3	40.7	17.95	29.478
3,800.0	3,782.1	3,742.1	3,718.7	9.7	10.4	133.92	133.92	-348.2	166.8	529.1	529.1	40.7	18.46	29.765
3,900.0	3,881.3	3,840.1	3,815.7	9.9	10.7	134.27	134.27	-360.2	173.4	549.4	549.4	40.7	18.95	29.964
4,000.0	3,980.9	3,938.3	3,913.0	10.2	11.0	134.41	134.41	-372.3	180.1	567.9	567.9	40.7	19.43	30.086
4,100.0	4,080.6	4,036.9	4,010.5	10.4	11.4	134.34	134.34	-384.3	186.7	584.6	584.6	40.7	19.89	30.140
4,200.0	4,180.5	4,135.7	4,108.4	10.6	11.7	134.09	134.09	-396.5	193.4	599.5	599.5	40.7	20.33	30.135
4,300.0	4,280.5	4,234.6	4,206.3	10.7	12.1	133.66	133.66	-408.6	200.0	612.7	612.7	40.7	21.52	28.576
4,319.5	4,300.0	4,253.9	4,225.5	10.8	12.1	-177.31	-177.31	-410.9	201.3	615.0	615.0	40.7	21.94	28.474
4,400.0	4,380.5	4,333.6	4,304.4	10.9	12.4	-177.85	-177.85	-420.7	206.7	624.7	624.7	40.7	22.46	28.345
4,500.0	4,480.5	4,438.9	4,408.6	11.1	12.7	-178.52	-178.52	-433.4	213.7	636.6	636.6	40.7	22.94	28.183
4,600.0	4,580.5	4,555.2	4,524.2	11.3	13.0	-179.12	-179.12	-445.0	220.1	646.4	646.4	40.7	23.39	27.945
4,700.0	4,680.5	4,672.2	4,640.8	11.5	13.3	-179.54	-179.54	-453.5	224.8	653.7	653.7	40.7		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 24-16CHZ - Wellbore #1 - Plan #2 (1-12-15)											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			
4,800.0	4,780.5	4,789.7	4,758.1	11.7	13.5	-179.80	-458.9	227.7	658.2	634.4	23.82	27.633			
4,900.0	4,880.5	4,907.5	4,875.8	11.9	13.7	-179.91	-461.1	229.0	660.1	635.9	24.22	27.252			
5,000.0	4,980.5	5,011.1	4,979.5	12.1	13.8	-179.91	-461.2	229.0	660.2	635.6	24.60	26.840			
5,100.0	5,080.5	5,111.1	5,079.5	12.3	14.0	-179.91	-461.2	229.0	660.2	635.2	24.96	26.451			
5,200.0	5,180.5	5,211.1	5,179.5	12.5	14.1	-179.91	-461.2	229.0	660.2	634.9	25.32	26.071			
5,300.0	5,280.5	5,311.1	5,279.5	12.7	14.3	-179.91	-461.2	229.0	660.2	634.5	25.69	25.700			
5,400.0	5,380.5	5,411.1	5,379.5	12.9	14.4	-179.91	-461.2	229.0	660.2	634.1	26.06	25.336			
5,500.0	5,480.5	5,511.1	5,479.5	13.1	14.6	-179.91	-461.2	229.0	660.2	633.8	26.43	24.980			
5,600.0	5,580.5	5,611.1	5,579.5	13.3	14.8	-179.91	-461.2	229.0	660.2	633.4	26.80	24.633			
5,700.0	5,680.5	5,711.1	5,679.5	13.5	14.9	-179.91	-461.2	229.0	660.2	633.0	27.18	24.292			
5,788.7	5,769.2	5,799.8	5,768.2	13.7	15.1	-179.91	-461.2	229.0	660.2	632.7	27.51	23.997			
5,800.0	5,780.5	5,811.1	5,779.5	13.7	15.1	-89.37	-461.2	229.0	660.2	633.8	26.45	24.965			
5,850.0	5,830.4	5,861.0	5,829.4	13.8	15.2	-89.62	-461.2	229.0	660.2	633.6	26.61	24.806			
5,885.3	5,865.4	5,896.0	5,864.4	13.8	15.2	-90.00	-461.2	229.0	660.2	633.4	26.72	24.710			
5,900.0	5,879.9	5,910.6	5,878.9	13.8	15.2	-90.20	-461.2	229.0	660.2	633.4	26.76	24.672			
5,950.0	5,928.8	5,960.4	5,928.7	13.9	15.3	-90.92	-461.2	226.7	660.2	633.4	26.87	24.571			
6,000.0	5,976.6	6,010.8	5,978.8	13.9	15.4	-91.64	-461.3	220.5	660.4	633.5	26.96	24.499			
6,050.0	6,023.2	6,062.0	6,028.9	13.9	15.4	-92.36	-461.4	210.2	660.7	633.7	27.03	24.449			
6,100.0	6,068.2	6,113.9	6,078.7	13.9	15.4	-93.06	-461.5	195.6	661.1	634.0	27.08	24.410			
6,150.0	6,111.4	6,166.6	6,127.8	14.0	15.5	-93.75	-461.7	176.7	661.6	634.5	27.15	24.369			
6,200.0	6,152.5	6,220.0	6,175.9	14.0	15.5	-94.42	-461.9	153.5	662.2	634.9	27.24	24.308			
6,250.0	6,191.2	6,274.1	6,222.4	14.0	15.5	-95.06	-462.2	125.9	662.8	635.4	27.38	24.205			
6,300.0	6,227.3	6,329.0	6,267.1	14.1	15.5	-95.68	-462.5	94.0	663.5	635.9	27.60	24.038			
6,350.0	6,260.5	6,384.6	6,309.4	14.3	15.5	-96.26	-462.8	57.9	664.2	636.3	27.93	23.782			
6,400.0	6,290.8	6,441.0	6,348.8	14.5	15.5	-96.81	-463.2	17.7	664.9	636.5	28.40	23.415			
6,450.0	6,317.8	6,498.0	6,385.0	14.9	15.5	-97.31	-463.6	-26.4	665.6	636.6	29.03	22.926			
6,500.0	6,341.5	6,555.7	6,417.4	15.4	15.5	-97.76	-464.1	-74.1	666.3	636.4	29.88	22.300			
6,550.0	6,361.6	6,614.0	6,445.6	16.0	15.6	-98.15	-464.6	-125.0	666.9	636.0	30.94	21.559			
6,600.0	6,378.0	6,672.8	6,469.3	16.6	16.1	-98.49	-465.1	-178.8	667.5	635.3	32.22	20.720			
6,650.0	6,390.8	6,732.0	6,487.9	17.4	16.9	-98.77	-465.6	-235.0	668.0	634.3	33.71	19.818			
6,700.0	6,399.6	6,791.7	6,501.4	18.2	17.8	-98.98	-466.2	-293.1	668.4	633.0	35.39	18.884			
6,750.0	6,404.6	6,851.5	6,509.4	19.1	18.8	-99.13	-466.7	-352.4	668.6	631.4	37.25	17.950			
6,800.0	6,405.7	6,911.6	6,511.8	20.0	20.0	-99.21	-467.3	-412.4	668.8	629.5	39.25	17.039			
6,829.9	6,404.5	6,947.6	6,510.5	20.6	20.7	-99.23	-467.7	-448.4	668.8	628.3	40.50	16.514			
6,900.0	6,399.9	7,018.3	6,505.5	22.0	22.1	-99.19	-468.3	-518.9	668.7	625.4	43.32	15.436			
7,000.0	6,393.5	7,118.3	6,498.5	24.2	24.3	-99.15	-469.3	-618.7	668.6	621.1	47.58	14.052			
7,100.0	6,387.0	7,218.3	6,491.5	26.5	26.5	-99.10	-470.2	-718.4	668.6	616.5	52.09	12.836			
7,200.0	6,380.5	7,318.3	6,484.4	28.8	28.9	-99.05	-471.2	-818.2	668.5	611.7	56.77	11.775			
7,300.0	6,374.1	7,418.3	6,477.4	31.3	31.3	-99.00	-472.1	-917.9	668.4	606.8	61.60	10.850			
7,400.0	6,367.6	7,518.3	6,470.4	33.8	33.8	-98.96	-473.1	-1,017.7	668.3	601.7	66.54	10.043			
7,500.0	6,361.1	7,618.3	6,463.3	36.3	36.4	-98.91	-474.0	-1,117.4	668.2	596.6	71.57	9.336			
7,600.0	6,354.6	7,718.3	6,456.3	38.9	38.9	-98.86	-475.0	-1,217.1	668.1	591.4	76.67	8.714			
7,700.0	6,348.2	7,818.3	6,449.3	41.5	41.5	-98.82	-475.9	-1,316.9	668.0	586.2	81.83	8.163			
7,800.0	6,341.7	7,918.3	6,442.3	44.1	44.1	-98.77	-476.9	-1,416.6	667.9	580.9	87.04	7.674			
7,900.0	6,335.2	8,018.3	6,435.2	46.7	46.8	-98.72	-477.8	-1,516.4	667.8	575.6	92.29	7.237			
8,000.0	6,328.8	8,118.3	6,428.2	49.4	49.4	-98.67	-478.8	-1,616.1	667.8	570.2	97.57	6.844			
8,100.0	6,322.3	8,218.3	6,421.2	52.1	52.1	-98.63	-479.8	-1,715.9	667.7	564.8	102.88	6.490			
8,200.0	6,315.8	8,318.3	6,414.2	54.8	54.8	-98.58	-480.7	-1,815.6	667.6	559.4	108.22	6.169			
8,300.0	6,309.3	8,418.3	6,407.1	57.5	57.5	-98.53	-481.7	-1,915.4	667.5	553.9	113.57	5.877			
8,400.0	6,302.9	8,518.3	6,400.1	60.2	60.2	-98.48	-482.6	-2,015.1	667.4	548.5	118.95	5.611			

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

SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 24-16CHZ - Wellbore #1 - Plan #2 (1-12-15)												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)		
8,500.0	6,296.4	8,618.3	6,393.1	62.9	62.9	-98.44	-483.6	-2,114.9	667.3	543.0	124.34	5.367	
8,600.0	6,289.9	8,718.3	6,386.0	65.6	65.6	-98.39	-484.5	-2,214.6	667.3	537.5	129.75	5.143	
8,700.0	6,283.5	8,818.3	6,379.0	68.3	68.3	-98.34	-485.5	-2,314.4	667.2	532.0	135.17	4.936	
8,800.0	6,277.0	8,918.3	6,372.0	71.1	71.1	-98.29	-486.4	-2,414.1	667.1	526.5	140.60	4.744	
8,900.0	6,270.5	9,018.3	6,365.0	73.8	73.8	-98.25	-487.4	-2,513.9	667.0	521.0	146.05	4.567	
9,000.0	6,264.1	9,118.3	6,357.9	76.6	76.6	-98.20	-488.3	-2,613.6	666.9	515.4	151.50	4.402	
9,100.0	6,257.6	9,218.3	6,350.9	79.3	79.3	-98.15	-489.3	-2,713.3	666.8	509.9	156.96	4.249	
9,200.0	6,251.1	9,318.3	6,343.9	82.1	82.0	-98.10	-490.2	-2,813.1	666.8	504.3	162.43	4.105	
9,300.0	6,244.6	9,418.3	6,336.8	84.8	84.8	-98.06	-491.2	-2,912.8	666.7	498.8	167.90	3.971	
9,400.0	6,238.2	9,518.3	6,329.8	87.6	87.5	-98.01	-492.1	-3,012.6	666.6	493.2	173.39	3.845	
9,500.0	6,231.7	9,618.3	6,322.8	90.3	90.3	-97.96	-493.1	-3,112.3	666.5	487.7	178.87	3.726	
9,600.0	6,225.2	9,718.3	6,315.8	93.1	93.1	-97.91	-494.0	-3,212.1	666.4	482.1	184.37	3.615	
9,700.0	6,218.8	9,818.3	6,308.7	95.8	95.8	-97.87	-495.0	-3,311.8	666.4	476.5	189.87	3.510	
9,800.0	6,212.3	9,918.3	6,301.7	98.6	98.6	-97.82	-495.9	-3,411.6	666.3	470.9	195.37	3.410	
9,900.0	6,205.8	10,018.3	6,294.7	101.4	101.3	-97.77	-496.9	-3,511.3	666.2	465.3	200.88	3.317	
10,000.0	6,199.3	10,118.3	6,287.7	104.1	104.1	-97.72	-497.8	-3,611.1	666.1	459.7	206.39	3.228	
10,100.0	6,192.9	10,218.3	6,280.6	106.9	106.9	-97.68	-498.8	-3,710.8	666.1	454.2	211.91	3.143	
10,200.0	6,186.4	10,318.3	6,273.6	109.7	109.6	-97.63	-499.7	-3,810.6	666.0	448.6	217.43	3.063	
10,300.0	6,179.9	10,418.3	6,266.6	112.5	112.4	-97.58	-500.7	-3,910.3	665.9	443.0	222.95	2.987	
10,400.0	6,173.5	10,518.3	6,259.5	115.2	115.2	-97.53	-501.6	-4,010.1	665.8	437.4	228.48	2.914	
10,500.0	6,167.0	10,618.3	6,252.5	118.0	118.0	-97.49	-502.6	-4,109.8	665.8	431.7	234.01	2.845	
10,600.0	6,160.5	10,718.3	6,245.5	120.8	120.7	-97.44	-503.5	-4,209.5	665.7	426.1	239.54	2.779	
10,700.0	6,154.1	10,818.3	6,238.5	123.6	123.5	-97.39	-504.5	-4,309.3	665.6	420.5	245.08	2.716	
10,800.0	6,147.6	10,918.3	6,231.4	126.3	126.3	-97.34	-505.4	-4,409.0	665.5	414.9	250.61	2.656	
10,900.0	6,141.1	11,018.3	6,224.4	129.1	129.1	-97.30	-506.4	-4,508.8	665.5	409.3	256.16	2.598	
10,924.9	6,139.5	11,043.1	6,222.7	129.8	129.8	-97.28	-506.6	-4,533.6	665.4	407.9	257.54	2.584 SF	



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 24-16NHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre	+N/-S (ft)	+E/-W (ft)	Distance	Minimum Separation (ft)	Separation Factor	Warning
				(ft)	(ft)						Between Centres (ft)	Between Ellipses (ft)		
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-180.00	-30.0	0.0	30.0	30.0	29.8	0.22	134.142
100.0	100.0	99.0	99.0	0.1	0.1	-180.00	-180.00	-30.0	0.0	30.0	30.0	29.3	0.67	44.640
200.0	200.0	199.0	199.0	0.3	0.3	-180.00	-180.00	-30.0	0.0	30.0	30.0	28.9	1.12	26.748
300.0	300.0	299.0	299.0	0.6	0.6	-180.00	-180.00	-30.0	0.0	30.0	30.0	28.4	1.57	19.095
400.0	400.0	399.0	399.0	0.8	0.8	-180.00	-180.00	-30.0	0.0	30.0	30.0	28.0	2.02	14.847
500.0	500.0	499.0	499.0	1.0	1.0	-180.00	-180.00	-30.0	0.0	30.0	30.0	27.5	2.47	12.145
600.0	600.0	599.0	599.0	1.2	1.2	-180.00	-180.00	-30.0	0.0	30.0	30.0	27.1	2.92	10.275
700.0	700.0	699.0	699.0	1.5	1.5	-180.00	-180.00	-30.0	0.0	30.0	30.0	26.6	3.37	8.904
800.0	800.0	799.0	799.0	1.7	1.7	-180.00	-180.00	-30.0	0.0	30.0	30.0	26.2	3.82	7.856
900.0	900.0	899.0	899.0	1.9	1.9	-180.00	-180.00	-30.0	0.0	30.0	30.0	25.7	4.27	7.029
1,000.0	1,000.0	999.0	999.0	2.1	2.1	-180.00	-180.00	-30.0	0.0	30.0	30.0	25.3	4.72	6.359
1,100.0	1,100.0	1,099.0	1,099.0	2.4	2.4	-180.00	-180.00	-30.0	0.0	30.0	30.0	24.8	5.17	5.806
1,200.0	1,200.0	1,199.0	1,199.0	2.6	2.6	-180.00	-180.00	-30.0	0.0	30.0	30.0	24.4	5.62	5.341
1,300.0	1,300.0	1,299.0	1,299.0	2.8	2.8	-180.00	-180.00	-30.0	0.0	30.0	30.0	23.9	6.07	4.945 CC, ES
1,400.0	1,400.0	1,399.0	1,399.0	3.0	3.0	-180.00	-180.00	-30.0	0.0	30.0	30.0	24.4	6.49	4.757
1,500.0	1,500.0	1,498.5	1,498.4	3.3	3.2	178.27	178.27	-30.9	0.9	30.9	30.9	26.8	6.90	4.886
1,600.0	1,600.0	1,597.8	1,597.7	3.5	3.4	173.58	173.58	-33.5	3.8	33.7	33.7	32.1	7.31	5.398
1,700.0	1,700.0	1,696.8	1,696.5	3.7	3.6	119.80	119.80	-37.8	8.5	39.5	39.5	41.0	7.72	6.311
1,800.0	1,799.9	1,795.4	1,794.7	3.9	3.8	117.39	117.39	-43.8	15.1	48.7	48.7	53.2	8.15	7.533
1,900.0	1,899.7	1,893.5	1,892.1	4.1	4.0	116.58	116.58	-51.5	23.4	61.4	61.4	67.6	8.58	8.878
2,000.0	1,999.3	1,992.4	1,990.2	4.4	4.3	117.23	117.23	-60.1	32.8	76.2	76.2	83.2	9.03	10.215
2,100.0	2,098.6	2,091.0	2,088.0	4.6	4.5	119.04	119.04	-68.7	42.1	92.3	92.3	88.7	9.18	10.653
2,132.8	2,131.1	2,123.3	2,120.0	4.7	4.6	119.78	119.78	-71.5	45.2	97.8	97.8	100.0	9.50	11.517
2,200.0	2,197.6	2,189.4	2,185.6	4.9	4.8	121.31	121.31	-77.3	51.4	109.5	109.5	116.9	9.99	12.697
2,300.0	2,296.7	2,287.9	2,283.2	5.1	5.0	123.08	123.08	-85.8	60.7	126.8	126.8	133.8	10.49	13.760
2,400.0	2,395.7	2,386.3	2,380.8	5.4	5.3	124.42	124.42	-94.4	70.0	144.3	144.3	150.9	11.00	14.719
2,500.0	2,494.7	2,484.7	2,478.4	5.7	5.6	125.46	125.46	-103.0	79.4	161.9	161.9	167.9	11.51	15.586
2,600.0	2,593.7	2,583.1	2,576.0	6.0	5.9	126.31	126.31	-111.5	88.7	179.4	179.4	185.0	12.04	16.371
2,700.0	2,692.8	2,681.5	2,673.6	6.3	6.2	127.00	127.00	-120.1	98.0	197.1	197.1	202.1	12.57	17.083
2,800.0	2,791.8	2,779.9	2,771.2	6.6	6.5	127.58	127.58	-128.6	107.3	214.7	214.7	219.2	13.10	17.732
2,900.0	2,890.8	2,878.3	2,868.8	6.9	6.7	128.07	128.07	-137.2	116.6	232.3	232.3	236.4	13.64	18.325
3,000.0	2,889.9	2,876.7	2,866.4	7.2	7.0	128.49	128.49	-145.8	125.9	250.0	250.0	253.5	14.19	18.868
3,100.0	3,088.9	3,075.1	3,064.0	7.5	7.4	128.86	128.86	-154.3	135.2	267.7	267.7	270.7	14.74	19.366
3,200.0	3,187.9	3,173.6	3,161.6	7.8	7.7	129.18	129.18	-162.9	144.5	285.4	285.4	287.8	15.29	19.824
3,300.0	3,286.9	3,272.0	3,259.2	8.1	8.0	129.46	129.46	-171.4	153.8	303.1	303.1	304.9	15.84	20.247
3,400.0	3,386.0	3,370.4	3,356.8	8.4	8.3	129.72	129.72	-180.0	163.1	320.8	320.8	322.1	16.40	20.639
3,500.0	3,485.0	3,468.8	3,454.4	8.7	8.6	129.94	129.94	-188.6	172.4	338.5	338.5	339.2	16.96	21.002
3,600.0	3,584.0	3,567.2	3,552.0	9.0	8.9	130.15	130.15	-197.1	181.8	356.2	356.2	356.4	17.52	21.339
3,700.0	3,683.1	3,665.6	3,649.6	9.4	9.2	130.33	130.33	-205.7	191.1	373.9	373.9	371.3	18.01	21.613
3,786.7	3,768.9	3,751.0	3,734.2	9.6	9.5	130.48	130.48	-213.1	199.1	389.3	389.3	391.6	18.09	21.654
3,800.0	3,782.1	3,764.0	3,747.2	9.7	9.5	130.52	130.52	-214.2	200.4	391.6	391.6	389.6	18.60	21.949
3,900.0	3,881.3	3,865.4	3,847.7	9.9	9.8	130.70	130.70	-222.9	209.8	408.2	408.2	402.5	19.07	22.107
4,000.0	3,980.9	3,972.4	3,954.1	10.2	10.1	130.80	130.80	-230.5	218.0	421.5	421.5	411.8	19.51	22.112
4,100.0	4,080.6	4,080.0	4,061.4	10.4	10.3	130.86	130.86	-236.1	224.1	431.3	431.3	417.6	19.92	21.967
4,200.0	4,180.5	4,188.1	4,169.4	10.6	10.6	130.90	130.90	-239.6	228.0	437.5	437.5	419.7	20.29	21.682
4,300.0	4,280.5	4,296.5	4,277.8	10.7	10.7	130.92	130.92	-241.1	229.6	440.0	440.0	420.1	19.96	22.046
4,319.5	4,300.0	4,317.7	4,298.9	10.8	10.8	-179.95	-179.95	-241.1	229.6	440.1	440.1	419.8	20.26	21.719
4,400.0	4,380.5	4,398.2	4,379.5	10.9	10.9	-179.95	-179.95	-241.1	229.6	440.1	440.1	419.4	20.65	21.309
4,500.0	4,480.5	4,498.2	4,479.5	11.1	11.1	-179.95	-179.95	-241.1	229.6	440.1	440.1	419.1	21.05	20.912
4,600.0	4,580.5	4,598.2	4,579.5	11.3	11.3	-179.95	-179.95	-241.1	229.6	440.1	440.1	418.7	21.44	20.527
4,700.0	4,680.5	4,698.2	4,679.5	11.5	11.5	-179.95	-179.95	-241.1	229.6	440.1	440.1			

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 24-16NHZ - Wellbore #1 - Plan #2 (1-12-15)										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		
4,800.0	4,780.5	4,798.2	4,779.5	11.7	11.6	-179.95	-241.1	229.6	440.1	418.3	21.84	20.154		
4,900.0	4,880.5	4,898.2	4,879.5	11.9	11.8	-179.95	-241.1	229.6	440.1	417.9	22.23	19.793		
5,000.0	4,980.5	4,998.2	4,979.5	12.1	12.0	-179.95	-241.1	229.6	440.1	417.5	22.64	19.443		
5,100.0	5,080.5	5,098.2	5,079.5	12.3	12.2	-179.95	-241.1	229.6	440.1	417.1	23.04	19.104		
5,200.0	5,180.5	5,198.2	5,179.5	12.5	12.4	-179.95	-241.1	229.6	440.1	416.7	23.44	18.774		
5,300.0	5,280.5	5,298.2	5,279.5	12.7	12.6	-179.95	-241.1	229.6	440.1	416.3	23.85	18.455		
5,400.0	5,380.5	5,398.2	5,379.5	12.9	12.8	-179.95	-241.1	229.6	440.1	415.8	24.25	18.145		
5,500.0	5,480.5	5,498.2	5,479.5	13.1	12.9	-179.95	-241.1	229.6	440.1	415.4	24.66	17.845		
5,600.0	5,580.5	5,598.2	5,579.5	13.3	13.1	-179.95	-241.1	229.6	440.1	415.0	25.07	17.553		
5,700.0	5,680.5	5,698.2	5,679.5	13.5	13.3	-179.95	-241.1	229.6	440.1	414.6	25.48	17.270		
5,788.7	5,769.2	5,786.9	5,768.2	13.7	13.5	-179.95	-241.1	229.6	440.1	414.3	25.85	17.025		
5,800.0	5,780.5	5,798.2	5,779.4	13.7	13.5	-89.40	-241.1	229.5	440.1	413.8	26.29	16.743		
5,850.0	5,830.4	5,847.8	5,829.0	13.8	13.6	-89.40	-241.1	226.7	440.1	413.7	26.44	16.643		
5,900.0	5,879.9	5,897.5	5,878.1	13.8	13.7	-89.41	-241.2	220.0	440.1	413.5	26.57	16.564		
5,950.0	5,928.8	5,947.1	5,926.7	13.9	13.7	-89.42	-241.3	209.6	440.1	413.4	26.67	16.503		
6,000.0	5,976.6	5,996.8	5,974.2	13.9	13.7	-89.44	-241.4	195.4	440.1	413.3	26.75	16.454		
6,050.0	6,023.2	6,046.4	6,020.5	13.9	13.8	-89.45	-241.6	177.5	440.1	413.3	26.82	16.410		
6,100.0	6,068.2	6,096.1	6,065.3	13.9	13.8	-89.47	-241.8	156.0	440.1	413.2	26.90	16.363		
6,150.0	6,111.4	6,145.8	6,108.3	14.0	13.8	-89.50	-242.0	131.2	440.1	413.1	27.00	16.300		
6,200.0	6,152.5	6,195.5	6,149.3	14.0	13.8	-89.53	-242.3	103.0	440.1	412.9	27.15	16.210		
6,250.0	6,191.2	6,245.2	6,187.9	14.0	13.9	-89.56	-242.6	71.7	440.1	412.7	27.37	16.078		
6,300.0	6,227.3	6,295.0	6,224.0	14.1	13.9	-89.59	-242.9	37.5	440.1	412.4	27.69	15.891		
6,350.0	6,260.5	6,344.7	6,257.3	14.3	14.0	-89.62	-243.3	0.5	440.1	411.9	28.14	15.637		
6,400.0	6,290.8	6,394.5	6,287.7	14.5	14.3	-89.66	-243.7	-38.9	440.1	411.3	28.74	15.312		
6,450.0	6,317.8	6,444.3	6,314.8	14.9	14.6	-89.70	-244.1	-80.6	440.1	410.6	29.51	14.913		
6,500.0	6,341.5	6,494.2	6,338.7	15.4	15.1	-89.74	-244.5	-124.4	440.1	409.6	30.46	14.447		
6,550.0	6,361.6	6,544.0	6,359.1	16.0	15.6	-89.79	-244.9	-169.9	440.1	408.5	31.60	13.927		
6,600.0	6,378.0	6,593.9	6,375.8	16.6	16.3	-89.83	-245.4	-216.8	440.1	407.2	32.92	13.369		
6,650.0	6,390.8	6,643.8	6,388.8	17.4	17.1	-89.88	-245.8	-265.0	440.1	405.7	34.41	12.790		
6,700.0	6,399.6	6,693.7	6,398.1	18.2	17.9	-89.92	-246.3	-314.1	440.1	404.0	36.05	12.207		
6,750.0	6,404.6	6,743.7	6,403.4	19.1	18.8	-89.97	-246.8	-363.7	440.1	402.3	37.82	11.636		
6,800.0	6,405.7	6,793.7	6,404.8	20.0	19.7	-90.02	-247.2	-413.7	440.1	400.4	39.69	11.087		
6,829.9	6,404.5	6,823.6	6,403.8	20.6	20.3	-90.05	-247.5	-443.6	440.1	399.2	40.86	10.771		
6,832.4	6,404.3	6,826.1	6,403.7	20.7	20.4	-90.05	-247.6	-446.1	440.1	399.1	40.95	10.745		
6,900.0	6,399.9	6,893.7	6,399.2	22.0	21.7	-90.04	-248.2	-513.5	440.1	396.4	43.70	10.070		
7,000.0	6,393.5	6,993.7	6,392.6	24.2	23.9	-90.02	-249.2	-613.3	440.1	392.0	48.02	9.164		
7,100.0	6,387.0	7,093.7	6,386.0	26.5	26.2	-90.01	-250.1	-713.1	440.1	387.5	52.58	8.369		
7,200.0	6,380.5	7,193.7	6,379.4	28.8	28.6	-89.99	-251.1	-812.9	440.1	382.7	57.33	7.676		
7,300.0	6,374.1	7,293.7	6,372.8	31.3	31.0	-89.97	-252.0	-912.6	440.1	377.9	62.21	7.073		
7,400.0	6,367.6	7,393.7	6,366.3	33.8	33.5	-89.96	-253.0	-1,012.4	440.1	372.9	67.21	6.548		
7,500.0	6,361.1	7,493.7	6,359.7	36.3	36.1	-89.94	-253.9	-1,112.2	440.1	367.8	72.29	6.087		
7,600.0	6,354.6	7,593.7	6,353.1	38.9	38.7	-89.93	-254.9	-1,212.0	440.1	362.6	77.45	5.682		
7,700.0	6,348.2	7,693.7	6,346.5	41.5	41.3	-89.91	-255.8	-1,311.7	440.1	357.4	82.66	5.324		
7,800.0	6,341.7	7,793.7	6,339.9	44.1	43.9	-89.89	-256.8	-1,411.5	440.1	352.1	87.92	5.005		
7,900.0	6,335.2	7,893.7	6,333.3	46.7	46.5	-89.88	-257.7	-1,511.3	440.1	346.8	93.22	4.721		
8,000.0	6,328.8	7,993.7	6,326.7	49.4	49.2	-89.86	-258.7	-1,611.1	440.1	341.5	98.55	4.465		
8,100.0	6,322.3	8,093.7	6,320.1	52.1	51.9	-89.85	-259.6	-1,710.9	440.1	336.2	103.91	4.235		
8,200.0	6,315.8	8,193.7	6,313.5	54.8	54.6	-89.83	-260.6	-1,810.6	440.1	330.8	109.29	4.027		
8,300.0	6,309.3	8,293.7	6,306.9	57.5	57.3	-89.81	-261.5	-1,910.4	440.1	325.4	114.69	3.837		
8,400.0	6,302.9	8,393.7	6,300.3	60.2	60.0	-89.80	-262.5	-2,010.2	440.1	320.0	120.11	3.664		

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon 24-16NHZ - Wellbore #1 - Plan #2 (1-12-15)										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			
8,500.0	6,296.4	8,493.7	6,293.7	62.9	62.7	-89.78	-263.4	-2,110.0	440.1	314.5	125.55	3.505			
8,600.0	6,289.9	8,593.7	6,287.1	65.6	65.4	-89.77	-264.4	-2,209.7	440.1	309.1	131.00	3.359			
8,700.0	6,283.5	8,693.7	6,280.6	68.3	68.2	-89.75	-265.4	-2,309.5	440.1	303.6	136.46	3.225			
8,722.5	6,282.0	8,716.2	6,279.1	69.0	68.8	-89.75	-265.6	-2,332.0	440.1	302.4	137.69	3.196			
8,800.0	6,277.0	8,793.7	6,274.0	71.1	70.9	-89.73	-266.3	-2,409.3	440.1	298.1	141.93	3.101			
8,900.0	6,270.5	8,893.7	6,267.4	73.8	73.6	-89.72	-267.3	-2,509.1	440.1	292.7	147.41	2.985			
9,000.0	6,264.1	8,993.7	6,260.8	76.6	76.4	-89.70	-268.2	-2,608.9	440.1	287.2	152.90	2.878			
9,100.0	6,257.6	9,093.7	6,254.2	79.3	79.1	-89.69	-269.2	-2,708.6	440.1	281.7	158.39	2.778			
9,200.0	6,251.1	9,193.7	6,247.6	82.1	81.9	-89.67	-270.1	-2,808.4	440.1	276.2	163.90	2.685			
9,300.0	6,244.6	9,293.7	6,241.0	84.8	84.6	-89.66	-271.1	-2,908.2	440.1	270.7	169.40	2.598			
9,400.0	6,238.2	9,393.7	6,234.4	87.6	87.4	-89.64	-272.0	-3,008.0	440.1	265.1	174.92	2.516			
9,500.0	6,231.7	9,493.7	6,227.8	90.3	90.2	-89.62	-273.0	-3,107.7	440.1	259.6	180.44	2.439			
9,600.0	6,225.2	9,593.7	6,221.2	93.1	92.9	-89.61	-273.9	-3,207.5	440.1	254.1	185.96	2.366			
9,700.0	6,218.8	9,693.7	6,214.6	95.8	95.7	-89.59	-274.9	-3,307.3	440.1	248.6	191.49	2.298			
9,800.0	6,212.3	9,793.7	6,208.0	98.6	98.5	-89.58	-275.8	-3,407.1	440.1	243.0	197.02	2.234			
9,900.0	6,205.8	9,893.7	6,201.4	101.4	101.2	-89.56	-276.8	-3,506.9	440.1	237.5	202.55	2.173			
10,000.0	6,199.3	9,993.7	6,194.9	104.1	104.0	-89.54	-277.7	-3,606.6	440.1	232.0	208.09	2.115			
10,100.0	6,192.9	10,093.7	6,188.3	106.9	106.8	-89.53	-278.7	-3,706.4	440.1	226.4	213.63	2.060			
10,200.0	6,186.4	10,193.7	6,181.7	109.7	109.5	-89.51	-279.6	-3,806.2	440.1	220.9	219.18	2.008			
10,300.0	6,179.9	10,293.7	6,175.1	112.5	112.3	-89.50	-280.6	-3,906.0	440.1	215.3	224.72	1.958			
10,400.0	6,173.5	10,393.7	6,168.5	115.2	115.1	-89.48	-281.6	-4,005.8	440.1	209.8	230.27	1.911			
10,500.0	6,167.0	10,493.7	6,161.9	118.0	117.9	-89.46	-282.5	-4,105.5	440.1	204.3	235.82	1.866			
10,600.0	6,160.5	10,593.7	6,155.3	120.8	120.6	-89.45	-283.5	-4,205.3	440.1	198.7	241.37	1.823			
10,700.0	6,154.1	10,693.7	6,148.7	123.6	123.4	-89.43	-284.4	-4,305.1	440.1	193.1	246.92	1.782			
10,800.0	6,147.6	10,793.7	6,142.1	126.3	126.2	-89.42	-285.4	-4,404.9	440.1	187.6	252.48	1.743			
10,900.0	6,141.1	10,893.7	6,135.5	129.1	129.0	-89.40	-286.3	-4,504.6	440.1	182.0	258.04	1.705			
10,924.9	6,139.5	10,918.6	6,133.9	129.8	129.7	-89.40	-286.6	-4,529.5	440.1	180.7	259.42	1.696 SF			

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	0.00	15.0	0.0	15.0	15.0	0.00	N/A		
100.0	100.0	100.0	100.0	0.1	0.1	0.00	15.0	0.0	15.0	14.8	0.22	66.736		
200.0	200.0	200.0	200.0	0.3	0.3	0.00	15.0	0.0	15.0	14.3	0.67	22.245		
300.0	300.0	300.0	300.0	0.6	0.6	0.00	15.0	0.0	15.0	13.9	1.12	13.347		
400.0	400.0	400.0	400.0	0.8	0.8	0.00	15.0	0.0	15.0	13.4	1.57	9.534		
500.0	500.0	500.0	500.0	1.0	1.0	0.00	15.0	0.0	15.0	13.0	2.02	7.415		
600.0	600.0	600.0	600.0	1.2	1.2	0.00	15.0	0.0	15.0	12.5	2.47	6.067		
700.0	700.0	700.0	700.0	1.5	1.5	0.00	15.0	0.0	15.0	12.1	2.92	5.134		
800.0	800.0	800.0	800.0	1.7	1.7	0.00	15.0	0.0	15.0	11.6	3.37	4.449		
900.0	900.0	900.0	900.0	1.9	1.9	0.00	15.0	0.0	15.0	11.2	3.82	3.926		
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	0.00	15.0	0.0	15.0	10.7	4.27	3.512		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	0.00	15.0	0.0	15.0	10.3	4.72	3.178		
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	0.00	15.0	0.0	15.0	9.8	5.17	2.902		
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	0.00	15.0	0.0	15.0	9.4	5.62	2.669		
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	0.00	15.0	0.0	15.0	8.9	6.07	2.472 CC, ES		
1,500.0	1,500.0	1,499.6	1,499.6	3.3	3.3	2.50	16.1	0.7	16.1	9.6	6.51	2.473		
1,600.0	1,600.0	1,599.2	1,599.1	3.5	3.5	8.25	19.4	2.8	19.6	12.6	6.96	2.815		
1,700.0	1,700.0	1,698.5	1,698.2	3.7	3.7	-36.57	24.8	6.3	24.6	17.2	7.40	3.323		
1,800.0	1,799.9	1,797.7	1,797.0	3.9	3.9	-35.00	32.4	11.2	30.0	22.2	7.84	3.828		
1,900.0	1,899.7	1,896.7	1,895.3	4.1	4.2	-34.98	42.1	17.4	35.7	27.5	8.28	4.317		
2,000.0	1,999.3	1,995.8	1,993.4	4.4	4.4	-35.90	53.9	25.0	41.7	33.0	8.72	4.782		
2,100.0	2,098.6	2,095.7	2,092.2	4.6	4.7	-38.21	66.5	33.1	46.3	37.1	9.18	5.043		
2,132.8	2,131.1	2,128.4	2,124.6	4.7	4.8	-39.31	70.6	35.7	47.4	38.0	9.34	5.074		
2,200.0	2,197.6	2,195.6	2,191.0	4.9	5.0	-41.64	79.0	41.1	49.4	39.8	9.67	5.111		
2,300.0	2,296.7	2,295.5	2,289.8	5.1	5.3	-44.77	91.5	49.2	52.6	42.4	10.18	5.167		
2,400.0	2,395.7	2,395.4	2,388.6	5.4	5.6	-47.54	104.0	57.2	55.9	45.2	10.71	5.223		
2,500.0	2,494.7	2,495.3	2,487.4	5.7	5.9	-49.99	116.6	65.3	59.4	48.1	11.25	5.277		
2,600.0	2,593.7	2,595.2	2,586.1	6.0	6.2	-52.17	129.1	73.3	62.9	51.1	11.81	5.328		
2,700.0	2,692.8	2,695.2	2,684.9	6.3	6.5	-54.11	141.6	81.4	66.5	54.1	12.38	5.375		
2,800.0	2,791.8	2,795.1	2,783.7	6.6	6.8	-55.85	154.2	89.4	70.2	57.2	12.96	5.419		
2,900.0	2,890.8	2,895.0	2,882.5	6.9	7.1	-57.42	166.7	97.5	73.9	60.4	13.54	5.459		
3,000.0	2,989.9	2,994.9	2,981.3	7.2	7.4	-58.84	179.2	105.5	77.7	63.6	14.14	5.497		
3,100.0	3,088.9	3,094.8	3,080.1	7.5	7.8	-60.12	191.7	113.6	81.6	66.8	14.75	5.531		
3,200.0	3,187.9	3,194.7	3,178.9	7.8	8.1	-61.29	204.3	121.6	85.4	70.1	15.36	5.562		
3,300.0	3,286.9	3,294.6	3,277.7	8.1	8.4	-62.35	216.8	129.7	89.3	73.4	15.98	5.591		
3,400.0	3,386.0	3,394.5	3,376.5	8.4	8.8	-63.33	229.3	137.7	93.3	76.7	16.61	5.618		
3,500.0	3,485.0	3,494.4	3,475.3	8.7	9.1	-64.23	241.8	145.8	97.2	80.0	17.23	5.642		
3,600.0	3,584.0	3,594.3	3,574.1	9.0	9.4	-65.05	254.4	153.8	101.2	83.3	17.87	5.665		
3,700.0	3,683.1	3,694.3	3,672.9	9.4	9.8	-65.82	266.9	161.9	105.2	86.7	18.51	5.686		
3,786.7	3,768.9	3,780.9	3,758.6	9.6	10.1	-66.44	277.8	168.9	108.7	89.6	19.06	5.702		
3,800.0	3,782.1	3,794.2	3,771.7	9.7	10.1	-66.52	279.4	169.9	109.2	90.1	19.14	5.707		
3,900.0	3,881.3	3,894.1	3,870.5	9.9	10.5	-66.48	291.9	178.0	113.9	94.2	19.68	5.789		
4,000.0	3,980.9	3,993.9	3,969.1	10.2	10.8	-65.31	304.4	186.0	119.7	99.5	20.15	5.939		
4,100.0	4,080.6	4,093.5	4,067.7	10.4	11.1	-63.20	316.9	194.0	126.6	106.1	20.56	6.160		
4,200.0	4,180.5	4,192.9	4,166.0	10.6	11.5	-60.37	329.4	202.1	135.1	114.2	20.90	6.463		
4,300.0	4,280.5	4,293.0	4,265.0	10.7	11.8	-57.04	341.8	210.0	145.1	123.9	21.17	6.854		
4,319.5	4,300.0	4,313.0	4,284.7	10.8	11.9	-7.25	344.1	211.5	147.1	126.2	20.86	7.051		
4,400.0	4,380.5	4,395.4	4,366.5	10.9	12.1	-4.81	352.7	217.1	154.9	133.6	21.34	7.258		
4,500.0	4,480.5	4,498.3	4,468.9	11.1	12.3	-2.60	361.4	222.6	163.0	141.1	21.90	7.443		
4,600.0	4,580.5	4,601.8	4,572.1	11.3	12.5	-1.11	367.8	226.7	169.0	146.6	22.40	7.546		
4,700.0	4,680.5	4,705.5	4,675.8	11.5	12.7	-0.23	371.8	229.3	172.9	150.0	22.84	7.567		

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

SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon H-16CHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)			
4,800.0	4,780.5	4,809.5	4,779.7	11.7	12.9	0.12	373.5	230.4	174.5	151.2	23.24	7.506		
4,900.0	4,880.5	4,910.3	4,880.5	11.9	13.1	0.13	373.5	230.4	174.5	150.9	23.62	7.388		
5,000.0	4,980.5	5,010.3	4,980.5	12.1	13.2	0.13	373.5	230.4	174.5	150.5	24.01	7.268		
5,100.0	5,080.5	5,110.3	5,080.5	12.3	13.4	0.13	373.5	230.4	174.5	150.1	24.40	7.150		
5,200.0	5,180.5	5,210.3	5,180.5	12.5	13.6	0.13	373.5	230.4	174.5	149.7	24.80	7.036		
5,300.0	5,280.5	5,310.3	5,280.5	12.7	13.8	0.13	373.5	230.4	174.5	149.3	25.20	6.925		
5,400.0	5,380.5	5,410.3	5,380.5	12.9	14.0	0.13	373.5	230.4	174.5	148.9	25.60	6.818		
5,500.0	5,480.5	5,510.3	5,480.5	13.1	14.1	0.13	373.5	230.4	174.5	148.5	26.00	6.713		
5,600.0	5,580.5	5,610.3	5,580.5	13.3	14.3	0.13	373.5	230.4	174.5	148.1	26.40	6.610		
5,700.0	5,680.5	5,710.3	5,680.5	13.5	14.5	0.13	373.5	230.4	174.5	147.7	26.80	6.511		
5,788.7	5,769.2	5,799.0	5,769.2	13.7	14.7	0.13	373.5	230.4	174.5	147.3	27.16	6.425		
5,789.0	5,769.5	5,799.3	5,769.5	13.7	14.7	90.68	373.5	230.4	174.5	147.8	26.72	6.531		
5,800.0	5,780.5	5,810.3	5,780.5	13.7	14.7	90.67	373.5	230.3	174.5	147.7	26.76	6.521		
5,850.0	5,830.4	5,860.3	5,830.4	13.8	14.8	90.63	373.5	227.3	174.5	147.6	26.92	6.484		
5,900.0	5,879.9	5,910.3	5,879.9	13.8	14.8	90.59	373.5	220.5	174.6	147.5	27.05	6.455		
5,950.0	5,928.8	5,960.3	5,928.8	13.9	14.9	90.55	373.5	209.7	174.7	147.5	27.15	6.435		
6,000.0	5,976.6	6,010.3	5,976.6	13.9	14.9	90.50	373.5	195.2	174.8	147.6	27.23	6.421		
6,050.0	6,023.2	6,060.3	6,023.1	13.9	14.9	90.45	373.5	177.0	175.0	147.7	27.30	6.410		
6,100.0	6,068.2	6,110.3	6,068.1	13.9	14.9	90.40	373.5	155.2	175.2	147.8	27.38	6.399		
6,150.0	6,111.4	6,160.3	6,111.2	14.0	14.9	90.34	373.5	129.9	175.5	148.0	27.48	6.384		
6,200.0	6,152.5	6,210.3	6,152.2	14.0	14.9	90.28	373.5	101.3	175.7	148.1	27.63	6.360		
6,250.0	6,191.2	6,260.2	6,190.8	14.0	14.9	90.23	373.5	69.6	176.0	148.2	27.85	6.320		
6,300.0	6,227.3	6,310.2	6,226.8	14.1	14.9	90.17	373.5	35.0	176.4	148.2	28.17	6.261		
6,350.0	6,260.5	6,360.1	6,260.0	14.3	14.9	90.10	373.5	-2.3	176.7	148.1	28.61	6.176		
6,400.0	6,290.8	6,410.0	6,290.1	14.5	14.9	90.04	373.5	-42.1	177.1	147.9	29.20	6.065		
6,450.0	6,317.8	6,460.0	6,317.0	14.9	15.1	89.98	373.5	-84.1	177.5	147.5	29.96	5.925		
6,500.0	6,341.5	6,509.9	6,340.6	15.4	15.6	89.92	373.5	-128.1	177.9	147.0	30.90	5.758		
6,550.0	6,361.6	6,559.8	6,360.6	16.0	16.2	89.86	373.5	-173.8	178.4	146.3	32.02	5.570		
6,600.0	6,378.0	6,609.7	6,377.0	16.6	16.8	89.80	373.5	-221.0	178.8	145.5	33.33	5.365		
6,650.0	6,390.8	6,659.6	6,389.6	17.4	17.6	89.74	373.5	-269.2	179.3	144.5	34.80	5.151		
6,700.0	6,399.6	6,709.5	6,398.4	18.2	18.4	89.68	373.5	-318.4	179.7	143.3	36.43	4.934		
6,750.0	6,404.6	6,759.4	6,403.4	19.1	19.3	89.63	373.5	-368.0	180.2	142.0	38.19	4.719		
6,800.0	6,405.7	6,809.3	6,404.4	20.0	20.2	89.58	373.5	-417.9	180.7	140.7	40.04	4.513		
6,829.9	6,404.5	6,839.2	6,403.5	20.6	20.8	89.64	373.5	-447.7	181.0	139.8	41.21	4.392		
6,900.0	6,399.9	6,909.3	6,401.0	22.0	22.2	90.31	373.5	-517.7	181.7	137.6	44.01	4.128		
7,000.0	6,393.5	7,009.2	6,397.5	24.2	24.4	91.25	373.5	-617.6	182.6	134.4	48.27	3.784		
7,100.0	6,387.0	7,109.2	6,394.1	26.5	26.6	92.17	373.5	-717.5	183.7	130.9	52.76	3.481		
7,200.0	6,380.5	7,209.1	6,390.6	28.8	29.0	93.09	373.5	-817.4	184.8	127.4	57.42	3.218		
7,300.0	6,374.1	7,309.1	6,387.1	31.3	31.4	94.00	373.5	-917.3	185.9	123.7	62.21	2.989		
7,400.0	6,367.6	7,409.0	6,383.7	33.8	33.9	94.90	373.5	-1,017.2	187.1	120.0	67.08	2.789		
7,500.0	6,361.1	7,509.0	6,380.2	36.3	36.5	95.78	373.5	-1,117.1	188.3	116.3	72.02	2.615		
7,600.0	6,354.6	7,608.9	6,376.7	38.9	39.0	96.65	373.5	-1,217.0	189.6	112.6	77.00	2.462		
7,700.0	6,348.2	7,708.9	6,373.3	41.5	41.6	97.51	373.5	-1,316.9	190.9	108.9	82.01	2.328		
7,800.0	6,341.7	7,808.8	6,369.8	44.1	44.3	98.36	373.5	-1,416.8	192.3	105.3	87.03	2.209		
7,900.0	6,335.2	7,908.8	6,366.3	46.7	46.9	99.20	373.5	-1,516.6	193.7	101.6	92.06	2.104		
8,000.0	6,328.8	8,008.7	6,362.8	49.4	49.6	100.02	373.5	-1,616.5	195.1	98.1	97.08	2.010		
8,100.0	6,322.3	8,108.7	6,359.4	52.1	52.2	100.84	373.5	-1,716.4	196.6	94.5	102.09	1.926		
8,200.0	6,315.8	8,208.6	6,355.9	54.8	54.9	101.64	373.5	-1,816.3	198.1	91.1	107.09	1.850		
8,300.0	6,309.3	8,308.6	6,352.4	57.5	57.6	102.43	373.5	-1,916.2	199.7	87.6	112.06	1.782		
8,400.0	6,302.9	8,408.5	6,349.0	60.2	60.3	103.20	373.5	-2,016.1	201.3	84.3	117.01	1.720		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon H-16CHZ - Wellbore #1 - Plan #2 (1-12-15)										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)			
8,500.0	6,296.4	8,508.5	6,345.5	62.9	63.1	103.96	373.5	-2,116.0	202.9	81.0	121.92	1.665		
8,600.0	6,289.9	8,608.4	6,342.0	65.6	65.8	104.71	373.5	-2,215.9	204.6	77.8	126.81	1.614		
8,700.0	6,283.5	8,708.4	6,338.5	68.3	68.5	105.45	373.5	-2,315.8	206.3	74.7	131.65	1.567		
8,800.0	6,277.0	8,808.3	6,335.1	71.1	71.3	106.18	373.5	-2,415.7	208.1	71.6	136.47	1.525		
8,900.0	6,270.5	8,908.3	6,331.6	73.8	74.0	106.89	373.5	-2,515.5	209.8	68.6	141.24	1.486	Level 3	
9,000.0	6,264.1	9,008.2	6,328.1	76.6	76.7	107.60	373.5	-2,615.4	211.6	65.7	145.98	1.450	Level 3	
9,100.0	6,257.6	9,108.2	6,324.7	79.3	79.5	108.29	373.5	-2,715.3	213.5	62.8	150.67	1.417	Level 3	
9,200.0	6,251.1	9,208.1	6,321.2	82.1	82.3	108.96	373.5	-2,815.2	215.3	60.0	155.32	1.386	Level 3	
9,300.0	6,244.6	9,308.1	6,317.7	84.8	85.0	109.63	373.5	-2,915.1	217.2	57.3	159.93	1.358	Level 3	
9,400.0	6,238.2	9,408.0	6,314.2	87.6	87.8	110.29	373.5	-3,015.0	219.1	54.6	164.50	1.332	Level 3	
9,500.0	6,231.7	9,508.0	6,310.8	90.3	90.5	110.93	373.5	-3,114.9	221.1	52.1	169.02	1.308	Level 3	
9,600.0	6,225.2	9,607.9	6,307.3	93.1	93.3	111.56	373.5	-3,214.8	223.1	49.6	173.50	1.286	Level 3	
9,700.0	6,218.8	9,707.9	6,303.8	95.8	96.1	112.18	373.5	-3,314.7	225.1	47.1	177.94	1.265	Level 3	
9,800.0	6,212.3	9,807.8	6,300.4	98.6	98.8	112.79	373.5	-3,414.6	227.1	44.8	182.33	1.246	Level 2	
9,900.0	6,205.8	9,907.8	6,296.9	101.4	101.6	113.39	373.5	-3,514.5	229.2	42.5	186.68	1.228	Level 2	
10,000.0	6,199.3	10,007.7	6,293.4	104.1	104.4	113.98	373.5	-3,614.3	231.2	40.3	190.98	1.211	Level 2	
10,100.0	6,192.9	10,107.7	6,290.0	106.9	107.2	114.56	373.5	-3,714.2	233.4	38.1	195.25	1.195	Level 2	
10,200.0	6,186.4	10,207.6	6,286.5	109.7	109.9	115.13	373.5	-3,814.1	235.5	36.0	199.47	1.181	Level 2	
10,300.0	6,179.9	10,307.6	6,283.0	112.5	112.7	115.68	373.5	-3,914.0	237.6	34.0	203.64	1.167	Level 2	
10,400.0	6,173.5	10,407.5	6,279.5	115.2	115.5	116.23	373.5	-4,013.9	239.8	32.0	207.78	1.154	Level 2	
10,500.0	6,167.0	10,507.5	6,276.1	118.0	118.3	116.77	373.5	-4,113.8	242.0	30.1	211.87	1.142	Level 2	
10,600.0	6,160.5	10,607.4	6,272.6	120.8	121.0	117.29	373.5	-4,213.7	244.2	28.3	215.93	1.131	Level 2	
10,700.0	6,154.1	10,707.4	6,269.1	123.6	123.8	117.81	373.5	-4,313.6	246.4	26.5	219.94	1.121	Level 2	
10,800.0	6,147.6	10,807.3	6,265.7	126.3	126.6	118.32	373.5	-4,413.5	248.7	24.8	223.92	1.111	Level 2	
10,900.0	6,141.1	10,907.3	6,262.2	129.1	129.4	118.82	373.5	-4,513.4	251.0	23.1	227.85	1.102	Level 2	
10,924.9	6,139.5	10,927.1	6,261.5	129.8	129.9	118.92	373.5	-4,533.1	251.6	22.8	228.75	1.100	Level 2, SF	

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0ft
Survey Program: 0-MWD													Offset Well Error:	0.0ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	1.0	1.0	0.0	0.0	0.00	30.0	0.0	30.0	30.0	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	0.00	30.0	0.0	30.0	29.8	0.23	132.151		
200.0	200.0	201.0	201.0	0.3	0.3	0.00	30.0	0.0	30.0	29.3	0.68	44.343		
300.0	300.0	301.0	301.0	0.6	0.6	0.00	30.0	0.0	30.0	28.9	1.13	26.641		
400.0	400.0	401.0	401.0	0.8	0.8	0.00	30.0	0.0	30.0	28.4	1.58	19.040		
500.0	500.0	501.0	501.0	1.0	1.0	0.00	30.0	0.0	30.0	28.0	2.03	14.814		
600.0	600.0	601.0	601.0	1.2	1.2	0.00	30.0	0.0	30.0	27.5	2.47	12.123		
700.0	700.0	701.0	701.0	1.5	1.5	0.00	30.0	0.0	30.0	27.1	2.92	10.259		
800.0	800.0	801.0	801.0	1.7	1.7	0.00	30.0	0.0	30.0	26.6	3.37	8.892		
900.0	900.0	901.0	901.0	1.9	1.9	0.00	30.0	0.0	30.0	26.2	3.82	7.847		
966.3	966.3	967.3	967.3	2.1	2.1	0.00	30.0	0.0	30.0	25.9	4.12	7.279 CC		
1,000.0	1,000.0	1,001.0	1,001.0	2.1	2.1	0.00	30.0	0.0	30.0	25.7	4.27	7.021 ES		
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	0.92	31.2	0.5	31.2	26.5	4.72	6.618		
1,200.0	1,200.0	1,199.4	1,199.3	2.6	2.6	3.28	34.8	2.0	34.9	29.7	5.17	6.758		
1,300.0	1,300.0	1,298.2	1,297.9	2.8	2.8	6.24	40.7	4.5	41.1	35.5	5.61	7.322		
1,400.0	1,400.0	1,396.7	1,396.0	3.0	3.0	9.14	49.0	7.9	49.9	43.8	6.07	8.220		
1,500.0	1,500.0	1,494.6	1,493.2	3.3	3.3	11.63	59.5	12.2	61.3	54.7	6.53	9.379		
1,600.0	1,600.0	1,591.9	1,589.5	3.5	3.5	13.63	72.3	17.5	75.3	68.2	7.01	10.735		
1,700.0	1,700.0	1,689.7	1,686.0	3.7	3.8	-34.26	87.1	23.7	90.4	83.0	7.42	12.188		
1,800.0	1,799.9	1,788.8	1,783.8	3.9	4.1	-34.14	102.4	30.0	103.7	95.9	7.86	13.195		
1,900.0	1,899.7	1,888.2	1,881.7	4.1	4.4	-34.77	117.7	36.4	114.9	106.6	8.31	13.826		
2,000.0	1,999.3	1,987.7	1,979.9	4.4	4.8	-35.99	133.0	42.7	124.0	115.2	8.77	14.141		
2,100.0	2,098.6	2,087.4	2,078.1	4.6	5.1	-37.74	148.4	49.1	131.1	121.8	9.24	14.187		
2,132.8	2,131.1	2,120.1	2,110.4	4.7	5.2	-38.43	153.4	51.2	133.0	123.6	9.40	14.151		
2,200.0	2,197.6	2,187.1	2,176.5	4.9	5.4	-39.89	163.8	55.5	136.7	127.0	9.73	14.044		
2,300.0	2,296.7	2,286.8	2,274.8	5.1	5.8	-41.92	179.1	61.8	142.4	132.2	10.25	13.899		
2,400.0	2,395.7	2,386.5	2,373.1	5.4	6.1	-43.79	194.5	68.2	148.3	137.5	10.77	13.766		
2,500.0	2,494.7	2,486.3	2,471.4	5.7	6.5	-45.52	209.9	74.6	154.3	143.0	11.31	13.643		
2,600.0	2,593.7	2,586.0	2,569.7	6.0	6.8	-47.12	225.2	81.0	160.5	148.6	11.86	13.530		
2,700.0	2,692.8	2,685.7	2,668.0	6.3	7.2	-48.59	240.6	87.3	166.7	154.3	12.42	13.424		
2,800.0	2,791.8	2,785.4	2,766.3	6.6	7.5	-49.96	256.0	93.7	173.1	160.1	12.99	13.324		
2,900.0	2,890.8	2,885.1	2,864.7	6.9	7.9	-51.24	271.4	100.1	179.6	166.0	13.57	13.232		
3,000.0	2,989.9	2,984.8	2,963.0	7.2	8.3	-52.42	286.7	106.5	186.1	171.9	14.16	13.144		
3,100.0	3,088.9	3,084.5	3,061.3	7.5	8.6	-53.52	302.1	112.8	192.7	178.0	14.75	13.062		
3,200.0	3,187.9	3,184.3	3,159.6	7.8	9.0	-54.55	317.5	119.2	199.4	184.0	15.36	12.985		
3,300.0	3,286.9	3,284.0	3,257.9	8.1	9.4	-55.51	332.8	125.6	206.1	190.2	15.97	12.912		
3,400.0	3,386.0	3,383.7	3,356.2	8.4	9.7	-56.42	348.2	132.0	212.9	196.4	16.58	12.843		
3,500.0	3,485.0	3,483.4	3,454.6	8.7	10.1	-57.26	363.6	138.3	219.8	202.6	17.20	12.778		
3,600.0	3,584.0	3,583.1	3,552.9	9.0	10.5	-58.06	379.0	144.7	226.7	208.9	17.82	12.717		
3,700.0	3,683.1	3,682.8	3,651.2	9.4	10.8	-58.80	394.3	151.1	233.6	215.2	18.45	12.659		
3,786.7	3,768.9	3,769.3	3,736.5	9.6	11.1	-59.42	407.7	156.6	239.7	220.7	19.00	12.612		
3,800.0	3,782.1	3,782.5	3,749.5	9.7	11.2	-59.51	409.7	157.5	240.6	221.5	19.08	12.608		
3,900.0	3,881.3	3,882.2	3,847.8	9.9	11.6	-59.95	425.1	163.8	248.4	228.8	19.62	12.660		
4,000.0	3,980.9	3,981.8	3,946.0	10.2	11.9	-59.87	440.4	170.2	257.6	237.4	20.12	12.801		
4,100.0	4,080.6	4,081.2	4,044.0	10.4	12.3	-59.34	455.7	176.6	268.0	247.5	20.57	13.030		
4,200.0	4,180.5	4,180.4	4,141.7	10.6	12.7	-58.42	471.0	182.9	279.9	258.9	20.97	13.345		
4,300.0	4,280.5	4,279.2	4,239.2	10.7	13.0	-57.17	486.3	189.2	293.2	271.9	21.33	13.747		
4,319.5	4,300.0	4,298.5	4,258.2	10.8	13.1	-7.76	489.2	190.4	296.0	273.8	22.22	13.321		
4,400.0	4,380.5	4,377.8	4,336.4	10.9	13.4	-6.50	501.5	195.5	307.7	285.0	22.73	13.537		
4,500.0	4,480.5	4,476.4	4,433.6	11.1	13.8	-5.07	516.7	201.8	322.5	299.1	23.38	13.796		
4,600.0	4,580.5	4,575.0	4,530.9	11.3	14.2	-3.76	531.9	208.1	337.4	313.4	24.01	14.051		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon H-16NHZ - Wellbore #1 - Plan #2 (1-12-15)											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		
4,700.0	4,680.5	4,679.7	4,634.2	11.5	14.5	-2.54	547.4	214.6	351.9	327.3	24.64	14.285		
4,800.0	4,780.5	4,788.0	4,741.5	11.7	14.8	-1.56	560.8	220.1	364.1	338.9	25.19	14.455		
4,900.0	4,880.5	4,897.1	4,850.0	11.9	15.1	-0.84	571.5	224.5	373.8	348.1	25.70	14.548		
5,000.0	4,980.5	5,006.8	4,959.4	12.1	15.3	-0.33	579.3	227.8	380.9	354.8	26.16	14.561		
5,100.0	5,080.5	5,116.9	5,069.3	12.3	15.5	-0.02	584.2	229.8	385.4	358.8	26.59	14.497		
5,200.0	5,180.5	5,227.2	5,179.6	12.5	15.7	0.10	586.2	230.7	387.3	360.3	26.97	14.357		
5,300.0	5,280.5	5,329.1	5,281.5	12.7	15.8	0.10	586.3	230.7	387.3	360.0	27.34	14.168		
5,400.0	5,380.5	5,429.1	5,381.5	12.9	16.0	0.10	586.3	230.7	387.3	359.6	27.71	13.978		
5,500.0	5,480.5	5,529.1	5,481.5	13.1	16.1	0.10	586.3	230.7	387.3	359.2	28.08	13.793		
5,600.0	5,580.5	5,629.1	5,581.5	13.3	16.3	0.10	586.3	230.7	387.3	358.8	28.46	13.611		
5,700.0	5,680.5	5,729.1	5,681.5	13.5	16.5	0.10	586.3	230.7	387.3	358.5	28.83	13.433		
5,788.7	5,769.2	5,817.8	5,770.2	13.7	16.6	0.10	586.3	230.7	387.3	358.1	29.17	13.278		
5,800.0	5,780.5	5,829.1	5,781.5	13.7	16.6	90.66	586.3	230.7	387.3	360.2	27.09	14.298		
5,850.0	5,830.4	5,879.1	5,831.5	13.8	16.7	90.73	586.3	228.3	387.3	360.1	27.24	14.219		
5,900.0	5,879.9	5,929.2	5,881.1	13.8	16.7	90.80	586.3	222.1	387.4	360.0	27.36	14.159		
5,950.0	5,928.8	5,979.3	5,930.2	13.9	16.8	90.86	586.3	211.9	387.5	360.1	27.46	14.114		
6,000.0	5,976.6	6,029.5	5,978.3	13.9	16.8	90.92	586.3	197.9	387.7	360.2	27.53	14.081		
6,050.0	6,023.2	6,079.6	6,025.2	13.9	16.8	90.97	586.4	180.1	387.9	360.3	27.60	14.054		
6,100.0	6,068.2	6,129.9	6,070.7	13.9	16.8	91.01	586.4	158.7	388.1	360.5	27.67	14.026		
6,150.0	6,111.4	6,180.1	6,114.3	14.0	16.8	91.05	586.4	133.7	388.4	360.6	27.77	13.988		
6,200.0	6,152.5	6,230.4	6,155.8	14.0	16.8	91.08	586.5	105.4	388.7	360.8	27.91	13.929		
6,250.0	6,191.2	6,280.7	6,195.0	14.0	16.8	91.11	586.5	73.9	389.1	361.0	28.12	13.837		
6,300.0	6,227.3	6,331.1	6,231.6	14.1	16.8	91.12	586.6	39.3	389.5	361.0	28.43	13.702		
6,350.0	6,260.5	6,381.5	6,265.4	14.3	16.8	91.13	586.6	1.9	389.9	361.0	28.85	13.512		
6,400.0	6,290.8	6,431.9	6,296.1	14.5	16.9	91.14	586.7	-38.0	390.3	360.9	29.43	13.263		
6,450.0	6,317.8	6,482.3	6,323.6	14.9	16.9	91.13	586.7	-80.3	390.8	360.6	30.17	12.952		
6,500.0	6,341.5	6,532.7	6,347.6	15.4	17.0	91.12	586.8	-124.6	391.3	360.2	31.10	12.583		
6,550.0	6,361.6	6,583.2	6,368.1	16.0	17.3	91.10	586.9	-170.7	391.8	359.6	32.20	12.166		
6,600.0	6,378.0	6,633.7	6,384.9	16.6	17.7	91.08	586.9	-218.3	392.3	358.8	33.49	11.713		
6,650.0	6,390.8	6,684.2	6,397.8	17.4	18.3	91.05	587.0	-267.1	392.8	357.9	34.95	11.238		
6,700.0	6,399.6	6,734.7	6,406.9	18.2	19.1	91.01	587.1	-316.7	393.4	356.8	36.57	10.757		
6,750.0	6,404.6	6,785.2	6,412.0	19.1	19.9	90.96	587.2	-367.0	393.9	355.6	38.31	10.282		
6,800.0	6,405.7	6,835.7	6,413.1	20.0	20.8	90.91	587.2	-417.4	394.5	354.3	40.16	9.822		
6,829.9	6,404.5	6,865.9	6,411.8	20.6	21.4	90.88	587.3	-447.6	394.8	353.5	41.31	9.558		
6,900.0	6,399.9	6,936.0	6,407.2	22.0	22.7	90.88	587.4	-517.6	395.6	351.4	44.14	8.963		
7,000.0	6,393.5	7,036.0	6,400.7	24.2	24.8	90.87	587.5	-617.3	396.7	348.3	48.41	8.195		
7,100.0	6,387.0	7,135.9	6,394.2	26.5	27.1	90.86	587.7	-717.1	397.8	344.8	52.93	7.516		
7,200.0	6,380.5	7,235.9	6,387.7	28.8	29.4	90.85	587.8	-816.9	398.9	341.2	57.64	6.921		
7,300.0	6,374.1	7,335.9	6,381.2	31.3	31.8	90.85	588.0	-916.7	400.0	337.5	62.49	6.400		
7,400.0	6,367.6	7,435.9	6,374.7	33.8	34.2	90.84	588.1	-1,016.5	401.1	333.6	67.46	5.945		
7,500.0	6,361.1	7,535.9	6,368.2	36.3	36.7	90.83	588.2	-1,116.2	402.2	329.6	72.52	5.545		
7,600.0	6,354.6	7,635.9	6,361.7	38.9	39.3	90.82	588.4	-1,216.0	403.3	325.6	77.66	5.193		
7,700.0	6,348.2	7,735.9	6,355.2	41.5	41.9	90.82	588.5	-1,315.8	404.4	321.5	82.86	4.880		
7,800.0	6,341.7	7,835.9	6,348.7	44.1	44.5	90.81	588.7	-1,415.6	405.5	317.4	88.10	4.602		
7,900.0	6,335.2	7,935.9	6,342.2	46.7	47.1	90.80	588.8	-1,515.4	406.6	313.2	93.39	4.353		
8,000.0	6,328.8	8,035.9	6,335.7	49.4	49.7	90.79	589.0	-1,615.2	407.6	308.9	98.71	4.130		
8,100.0	6,322.3	8,135.9	6,329.2	52.1	52.4	90.79	589.1	-1,714.9	408.7	304.7	104.06	3.928		
8,200.0	6,315.8	8,235.9	6,322.7	54.8	55.1	90.78	589.3	-1,814.7	409.8	300.4	109.43	3.745		
8,300.0	6,309.3	8,335.9	6,316.2	57.5	57.7	90.77	589.4	-1,914.5	410.9	296.1	114.83	3.579		
8,400.0	6,302.9	8,435.9	6,309.7	60.2	60.4	90.77	589.5	-2,014.3	412.0	291.8	120.24	3.427		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon H-16NHZ - Wellbore #1 - Plan #2 (1-12-15)										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)				
8,500.0	6,296.4	8,535.9	6,303.2	62.9	63.1	90.76	589.7	-2,114.1	413.1	287.5	125.67	3.287			
8,600.0	6,289.9	8,635.9	6,296.7	65.6	65.9	90.75	589.8	-2,213.8	414.2	283.1	131.11	3.159			
8,700.0	6,283.5	8,735.9	6,290.2	68.3	68.6	90.75	590.0	-2,313.6	415.3	278.8	136.57	3.041			
8,800.0	6,277.0	8,835.8	6,283.7	71.1	71.3	90.74	590.1	-2,413.4	416.4	274.4	142.04	2.932			
8,900.0	6,270.5	8,935.8	6,277.1	73.8	74.0	90.73	590.3	-2,513.2	417.5	270.0	147.52	2.830			
9,000.0	6,264.1	9,035.8	6,270.6	76.6	76.8	90.73	590.4	-2,613.0	418.6	265.6	153.00	2.736			
9,100.0	6,257.6	9,135.8	6,264.1	79.3	79.5	90.72	590.6	-2,712.8	419.7	261.2	158.49	2.648			
9,200.0	6,251.1	9,235.8	6,257.6	82.1	82.3	90.71	590.7	-2,812.5	420.8	256.8	164.00	2.566			
9,300.0	6,244.6	9,335.8	6,251.1	84.8	85.0	90.71	590.8	-2,912.3	421.9	252.4	169.50	2.489			
9,400.0	6,238.2	9,435.8	6,244.6	87.6	87.8	90.70	591.0	-3,012.1	423.0	248.0	175.01	2.417			
9,500.0	6,231.7	9,535.8	6,238.1	90.3	90.5	90.69	591.1	-3,111.9	424.1	243.6	180.53	2.349			
9,600.0	6,225.2	9,635.8	6,231.6	93.1	93.3	90.69	591.3	-3,211.7	425.2	239.2	186.06	2.285			
9,700.0	6,218.8	9,735.8	6,225.1	95.8	96.0	90.68	591.4	-3,311.4	426.3	234.7	191.58	2.225			
9,800.0	6,212.3	9,835.8	6,218.6	98.6	98.8	90.67	591.6	-3,411.2	427.4	230.3	197.11	2.168			
9,900.0	6,205.8	9,935.8	6,212.1	101.4	101.5	90.67	591.7	-3,511.0	428.5	225.9	202.65	2.115			
10,000.0	6,199.3	10,035.8	6,205.6	104.1	104.3	90.66	591.9	-3,610.8	429.6	221.4	208.19	2.064			
10,100.0	6,192.9	10,135.8	6,199.1	106.9	107.1	90.65	592.0	-3,710.6	430.7	217.0	213.73	2.015			
10,200.0	6,186.4	10,235.8	6,192.6	109.7	109.9	90.65	592.1	-3,810.4	431.8	212.5	219.27	1.969			
10,300.0	6,179.9	10,335.8	6,186.1	112.5	112.6	90.64	592.3	-3,910.1	432.9	208.1	224.82	1.926			
10,400.0	6,173.5	10,435.7	6,179.6	115.2	115.4	90.63	592.4	-4,009.9	434.0	203.6	230.37	1.884			
10,500.0	6,167.0	10,535.7	6,173.1	118.0	118.2	90.63	592.6	-4,109.7	435.1	199.2	235.92	1.844			
10,600.0	6,160.5	10,635.7	6,166.6	120.8	120.9	90.62	592.7	-4,209.5	436.2	194.7	241.47	1.806			
10,700.0	6,154.1	10,735.7	6,160.1	123.6	123.7	90.62	592.9	-4,309.3	437.3	190.3	247.03	1.770			
10,800.0	6,147.6	10,835.7	6,153.5	126.3	126.5	90.61	593.0	-4,409.0	438.4	185.8	252.58	1.736			
10,900.0	6,141.1	10,935.7	6,147.0	129.1	128.9	90.60	593.2	-4,508.8	439.5	181.7	257.79	1.705			
10,924.9	6,139.5	10,959.4	6,145.5	129.8	129.3	90.60	593.2	-4,532.5	439.7	180.8	258.91	1.698 SF			



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon K-16CHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error: 0.0ft
Survey Program: 0-MWD													Offset Well Error: 0.0ft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.0	0.0	2.0	2.0	0.0	0.0	0.21	75.0	0.3	75.0	75.0	0.00	N/A	
100.0	100.0	102.0	102.0	0.1	0.1	0.21	75.0	0.3	75.0	74.8	0.23	327.140	
166.0	166.0	168.0	168.0	0.3	0.3	0.21	75.0	0.3	75.0	74.5	0.53	142.616 CC	
200.0	200.0	202.0	202.0	0.3	0.3	0.21	75.0	0.3	75.0	74.3	0.68	110.505 ES	
300.0	300.0	300.0	300.0	0.6	0.6	0.40	76.3	0.5	76.3	75.2	1.12	67.905	
400.0	400.0	398.0	397.9	0.8	0.8	0.92	80.0	1.3	80.1	78.6	1.57	50.964	
500.0	500.0	495.7	495.4	1.0	1.0	1.68	86.2	2.5	86.5	84.5	2.03	42.640	
600.0	600.0	593.0	592.3	1.2	1.3	2.57	94.8	4.3	95.4	92.9	2.50	38.211	
700.0	700.0	689.8	688.5	1.5	1.5	3.50	105.7	6.5	106.8	103.8	2.98	35.846	
800.0	800.0	786.0	783.7	1.7	1.8	4.38	119.0	9.1	120.7	117.2	3.48	34.688	
900.0	900.0	881.4	877.8	1.9	2.2	5.20	134.4	12.2	137.1	133.1	4.00	34.279	
1,000.0	1,000.0	976.0	970.7	2.1	2.5	5.92	152.0	15.8	156.0	151.5	4.54	34.352	
1,100.0	1,100.0	1,069.6	1,062.1	2.4	2.9	6.55	171.6	19.7	177.3	172.2	5.10	34.742	
1,200.0	1,200.0	1,162.2	1,152.0	2.6	3.3	7.09	193.2	24.0	201.0	195.3	5.69	35.344	
1,300.0	1,300.0	1,253.6	1,240.3	2.8	3.8	7.56	216.6	28.7	227.0	220.7	6.29	36.105	
1,400.0	1,400.0	1,349.8	1,332.9	3.0	4.3	7.97	242.2	33.9	254.2	247.3	6.93	36.702	
1,500.0	1,500.0	1,446.1	1,425.5	3.3	4.8	8.30	267.9	39.1	281.4	273.8	7.57	37.179	
1,600.0	1,600.0	1,542.3	1,518.1	3.5	5.3	8.57	293.6	44.2	308.6	300.4	8.22	37.563	
1,700.0	1,700.0	1,638.8	1,610.9	3.7	5.8	-40.22	319.4	49.4	334.8	327.2	7.66	43.692	
1,800.0	1,799.9	1,735.8	1,704.2	3.9	6.3	-40.19	345.3	54.6	359.1	351.0	8.15	44.057	
1,900.0	1,899.7	1,833.2	1,798.0	4.1	6.8	-40.42	371.3	59.9	381.5	372.9	8.65	44.117	
2,000.0	1,999.3	1,931.0	1,892.0	4.4	7.4	-40.86	397.4	65.1	402.0	392.8	9.15	43.917	
2,100.0	2,098.6	2,029.0	1,986.4	4.6	7.9	-41.50	423.6	70.4	420.6	410.9	9.67	43.491	
2,132.8	2,131.1	2,061.2	2,017.4	4.7	8.1	-41.74	432.2	72.1	426.3	416.4	9.84	43.306	
2,200.0	2,197.6	2,127.3	2,081.0	4.9	8.4	-42.37	449.8	75.7	437.8	427.6	10.20	42.904	
2,300.0	2,296.7	2,225.6	2,175.5	5.1	9.0	-43.25	476.1	80.9	455.0	444.2	10.75	42.331	
2,400.0	2,395.7	2,323.9	2,270.1	5.4	9.5	-44.06	502.3	86.2	472.3	461.0	11.30	41.786	
2,500.0	2,494.7	2,422.1	2,364.7	5.7	10.0	-44.81	528.6	91.5	489.7	477.8	11.87	41.268	
2,600.0	2,593.7	2,520.4	2,459.2	6.0	10.6	-45.52	554.8	96.8	507.1	494.7	12.44	40.777	
2,700.0	2,692.8	2,618.7	2,553.8	6.3	11.1	-46.17	581.0	102.0	524.7	511.6	13.02	40.311	
2,800.0	2,791.8	2,717.0	2,648.4	6.6	11.6	-46.79	607.3	107.3	542.3	528.7	13.60	39.869	
2,900.0	2,890.8	2,815.3	2,742.9	6.9	12.2	-47.36	633.5	112.6	559.9	545.7	14.19	39.450	
3,000.0	2,989.9	2,913.5	2,837.5	7.2	12.7	-47.90	659.8	117.9	577.6	562.8	14.79	39.053	
3,100.0	3,088.9	3,011.8	2,932.0	7.5	13.3	-48.41	686.0	123.1	595.4	580.0	15.39	38.676	
3,200.0	3,187.9	3,110.1	3,026.6	7.8	13.8	-48.89	712.2	128.4	613.1	597.1	16.00	38.319	
3,300.0	3,286.9	3,208.4	3,121.2	8.1	14.3	-49.34	738.5	133.7	631.0	614.4	16.61	37.981	
3,400.0	3,386.0	3,306.7	3,215.7	8.4	14.9	-49.77	764.7	139.0	648.8	631.6	17.23	37.659	
3,500.0	3,485.0	3,404.9	3,310.3	8.7	15.4	-50.17	791.0	144.3	666.7	648.9	17.85	37.353	
3,600.0	3,584.0	3,503.2	3,404.9	9.0	16.0	-50.56	817.2	149.5	684.7	666.2	18.47	37.063	
3,700.0	3,683.1	3,601.5	3,499.4	9.4	16.5	-50.92	843.4	154.8	702.6	683.5	19.10	36.787	
3,786.7	3,768.9	3,686.7	3,581.5	9.6	17.0	-51.22	866.2	159.4	718.2	698.6	19.65	36.558	
3,800.0	3,782.1	3,699.8	3,594.0	9.7	17.0	-51.29	869.7	160.1	720.6	700.9	19.72	36.534	
3,900.0	3,881.3	3,797.9	3,688.4	9.9	17.6	-51.75	895.9	165.4	739.6	719.4	20.27	36.490	
4,000.0	3,980.9	3,895.7	3,782.6	10.2	18.1	-52.05	922.0	170.6	760.3	739.5	20.79	36.574	
4,100.0	4,080.6	3,993.2	3,876.4	10.4	18.6	-52.22	948.0	175.8	782.4	761.2	21.27	36.778	
4,200.0	4,180.5	4,090.3	3,969.8	10.6	19.2	-52.26	973.9	181.1	806.2	784.5	21.73	37.098	
4,300.0	4,280.5	4,186.9	4,062.7	10.7	19.7	-52.20	999.7	186.2	831.5	809.4	22.16	37.530	
4,319.5	4,300.0	4,205.7	4,080.8	10.8	19.8	-3.04	1,004.8	187.2	836.7	807.3	29.35	28.507 SF	
4,400.0	4,380.5	4,283.1	4,155.3	10.9	20.2	-2.67	1,025.4	191.4	858.0	828.0	29.95	28.650	
4,500.0	4,480.5	4,379.4	4,247.9	11.1	20.8	-2.25	1,051.1	196.6	884.5	853.7	30.70	28.807	
4,600.0	4,580.5	4,475.6	4,340.5	11.3	21.3	-1.84	1,076.8	201.7	911.0	879.5	31.46	28.959	

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



<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon K-16CHZ - Wellbore #1 - Plan #2 (1-12-15)		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)			
4,700.0	4,680.5	4,595.8	4,456.5	11.5	21.8	-1.39	1,107.7	207.9	936.6	904.4	32.22	29.071		
4,800.0	4,780.5	4,724.3	4,581.5	11.7	22.3	-0.99	1,136.7	213.8	959.2	926.2	32.94	29.122		
4,900.0	4,880.5	4,854.7	4,709.3	11.9	22.8	-0.66	1,162.0	218.9	978.5	944.9	33.61	29.114		
5,000.0	4,980.5	4,986.7	4,839.6	12.1	23.2	-0.40	1,183.2	223.1	994.5	960.3	34.23	29.052		

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon S-16CHZ - Wellbore #1 - Plan #2 (1-12-15)													Offset Site Error: 0.0ft
Survey Program: 0-MWD													Offset Well Error: 0.0ft
Reference	Offset	Semi Major Axis			Distance								Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-15.0	0.0	15.0	15.0	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-15.0	0.0	15.0	14.8	0.22	66.736	
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-15.0	0.0	15.0	14.3	0.67	22.245	
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-15.0	0.0	15.0	13.9	1.12	13.347	
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-15.0	0.0	15.0	13.4	1.57	9.534	
500.0	500.0	500.0	500.0	1.0	1.0	-180.00	-15.0	0.0	15.0	13.0	2.02	7.415	
600.0	600.0	600.0	600.0	1.2	1.2	-180.00	-15.0	0.0	15.0	12.5	2.47	6.067	
700.0	700.0	700.0	700.0	1.5	1.5	-180.00	-15.0	0.0	15.0	12.1	2.92	5.134	
800.0	800.0	800.0	800.0	1.7	1.7	-180.00	-15.0	0.0	15.0	11.6	3.37	4.449	
900.0	900.0	900.0	900.0	1.9	1.9	-180.00	-15.0	0.0	15.0	11.2	3.82	3.926	
1,000.0	1,000.0	1,000.0	1,000.0	2.1	2.1	-180.00	-15.0	0.0	15.0	10.7	4.27	3.512	
1,100.0	1,100.0	1,100.0	1,100.0	2.4	2.4	-180.00	-15.0	0.0	15.0	10.3	4.72	3.178	
1,200.0	1,200.0	1,200.0	1,200.0	2.6	2.6	-180.00	-15.0	0.0	15.0	9.8	5.17	2.902	
1,300.0	1,300.0	1,300.0	1,300.0	2.8	2.8	-180.00	-15.0	0.0	15.0	9.4	5.62	2.669	
1,400.0	1,400.0	1,400.0	1,400.0	3.0	3.0	-180.00	-15.0	0.0	15.0	8.9	6.07	2.472	
1,500.0	1,500.0	1,500.0	1,500.0	3.3	3.3	-180.00	-15.0	0.0	15.0	8.5	6.52	2.301	
1,600.0	1,600.0	1,600.0	1,600.0	3.5	3.5	-180.00	-15.0	0.0	15.0	8.0	6.97	2.153 CC, ES	
1,700.0	1,700.0	1,700.0	1,700.0	3.7	3.7	134.43	-15.0	0.0	15.9	8.5	7.41	2.143	
1,800.0	1,799.9	1,799.9	1,799.9	3.9	3.9	142.96	-15.0	0.0	18.8	11.0	7.85	2.401	
1,900.0	1,899.7	1,899.7	1,899.7	4.1	4.2	152.21	-15.0	0.0	24.4	16.1	8.28	2.944	
2,000.0	1,999.3	1,999.3	1,999.3	4.4	4.4	159.64	-15.0	0.0	32.8	24.1	8.71	3.761	
2,100.0	2,098.6	2,098.6	2,098.6	4.6	4.6	164.93	-15.0	0.0	44.0	34.8	9.13	4.815	
2,132.8	2,131.1	2,131.1	2,131.1	4.7	4.7	166.28	-15.0	0.0	48.3	39.0	9.27	5.205	
2,200.0	2,197.6	2,197.6	2,197.6	4.9	4.8	168.49	-15.0	0.0	57.4	47.8	9.57	5.997	
2,300.0	2,296.7	2,296.7	2,296.7	5.1	5.0	170.73	-15.0	0.0	71.1	61.1	10.01	7.097	
2,400.0	2,395.7	2,395.7	2,395.7	5.4	5.3	172.24	-15.0	0.0	84.8	74.4	10.46	8.109	
2,500.0	2,494.7	2,494.7	2,494.7	5.7	5.5	173.33	-15.0	0.0	98.6	87.7	10.91	9.041	
2,600.0	2,593.7	2,595.6	2,595.6	6.0	5.7	173.71	-15.0	1.2	111.7	100.3	11.35	9.839	
2,700.0	2,692.8	2,697.0	2,696.9	6.3	5.9	173.07	-15.1	5.1	123.0	111.2	11.78	10.438	
2,800.0	2,791.8	2,798.7	2,798.4	6.6	6.1	171.64	-15.3	11.7	132.6	120.4	12.23	10.847	
2,900.0	2,890.8	2,900.5	2,899.7	6.9	6.3	169.54	-15.6	21.0	140.7	128.0	12.68	11.094	
3,000.0	2,989.9	3,000.5	2,999.2	7.2	6.6	167.13	-15.8	31.9	147.9	134.7	13.15	11.246	
3,100.0	3,088.9	3,100.1	3,098.1	7.5	6.8	164.94	-16.1	42.9	155.3	141.7	13.63	11.394	
3,200.0	3,187.9	3,199.6	3,197.1	7.8	7.0	162.95	-16.4	53.8	162.9	148.8	14.12	11.538	
3,300.0	3,286.9	3,299.2	3,296.0	8.1	7.3	161.14	-16.7	64.7	170.7	156.1	14.62	11.677	
3,400.0	3,386.0	3,398.7	3,395.0	8.4	7.5	159.49	-17.0	75.7	178.7	163.5	15.13	11.810	
3,500.0	3,485.0	3,498.3	3,493.9	8.7	7.8	157.99	-17.3	86.6	186.7	171.1	15.64	11.937	
3,600.0	3,584.0	3,597.8	3,592.9	9.0	8.0	156.60	-17.6	97.6	194.9	178.8	16.17	12.057	
3,700.0	3,683.1	3,697.4	3,691.8	9.4	8.3	155.33	-17.9	108.5	203.2	186.5	16.70	12.172	
3,786.7	3,768.9	3,783.7	3,777.7	9.6	8.5	154.31	-18.1	118.0	210.5	193.4	17.16	12.266	
3,800.0	3,782.1	3,797.0	3,790.8	9.7	8.5	154.17	-18.2	119.5	211.6	194.4	17.23	12.279	
3,900.0	3,881.3	3,896.6	3,889.8	9.9	8.8	152.94	-18.5	130.4	218.6	200.9	17.74	12.324	
4,000.0	3,980.9	3,996.3	3,988.9	10.2	9.0	151.46	-18.8	141.4	223.4	205.2	18.24	12.247	
4,100.0	4,080.6	4,096.0	4,088.0	10.4	9.3	149.70	-19.0	152.3	226.1	207.4	18.75	12.062	
4,200.0	4,180.5	4,195.7	4,187.1	10.6	9.6	147.62	-19.3	163.3	226.8	207.6	19.25	11.784	
4,300.0	4,280.5	4,295.2	4,286.0	10.7	9.9	145.17	-19.6	174.2	225.7	205.9	19.75	11.427	
4,319.5	4,300.0	4,314.6	4,305.3	10.8	9.9	-166.22	-19.7	176.4	225.2	205.6	19.65	11.461	
4,400.0	4,380.5	4,394.6	4,384.8	10.9	10.1	-168.42	-19.9	185.2	223.5	203.6	19.92	11.220	
4,500.0	4,480.5	4,494.0	4,483.6	11.1	10.4	-171.20	-20.2	196.1	221.8	201.6	20.27	10.943	
4,600.0	4,580.5	4,593.4	4,582.4	11.3	10.7	-174.02	-20.5	207.0	220.7	200.1	20.63	10.700	
4,700.0	4,680.5	4,692.6	4,681.1	11.5	10.9	-176.50	-20.7	216.6	220.2	199.2	20.97	10.499	

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon S-16CHZ - Wellbore #1 - Plan #2 (1-12-15)										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		
4,800.0	4,780.5	4,792.2	4,780.5	11.7	11.1	-178.33	-20.9	223.6	220.0	198.7	21.33	10.315		
4,810.2	4,790.7	4,802.4	4,790.7	11.7	11.1	-178.48	-20.9	224.2	220.0	198.7	21.37	10.297		
4,900.0	4,880.5	4,892.2	4,880.4	11.9	11.3	-179.49	-21.1	228.0	220.1	198.4	21.71	10.138		
5,000.0	4,980.5	4,992.3	4,980.5	12.1	11.5	-179.96	-21.1	229.9	220.1	198.0	22.10	9.960		
5,100.0	5,080.5	5,092.3	5,080.5	12.3	11.7	-179.97	-21.1	229.9	220.1	197.6	22.50	9.780		
5,200.0	5,180.5	5,192.3	5,180.5	12.5	11.9	-179.97	-21.1	229.9	220.1	197.2	22.93	9.600		
5,300.0	5,280.5	5,292.3	5,280.5	12.7	12.1	-179.97	-21.1	229.9	220.1	196.7	23.35	9.425		
5,400.0	5,380.5	5,392.3	5,380.5	12.9	12.3	-179.97	-21.1	229.9	220.1	196.3	23.78	9.256		
5,500.0	5,480.5	5,492.3	5,480.5	13.1	12.5	-179.97	-21.1	229.9	220.1	195.9	24.21	9.092		
5,600.0	5,580.5	5,592.3	5,580.5	13.3	12.7	-179.97	-21.1	229.9	220.1	195.5	24.64	8.934		
5,700.0	5,680.5	5,692.3	5,680.5	13.5	12.9	-179.97	-21.1	229.9	220.1	195.0	25.06	8.781		
5,788.7	5,769.2	5,781.0	5,769.2	13.7	13.1	-179.97	-21.1	229.9	220.1	194.7	25.45	8.650		
5,800.0	5,780.5	5,792.3	5,780.5	13.7	13.1	-89.45	-21.1	229.9	220.1	193.7	26.43	8.329		
5,841.7	5,822.1	5,833.9	5,822.1	13.7	13.2	-90.00	-21.1	229.9	220.1	193.5	26.59	8.278		
5,850.0	5,830.4	5,842.2	5,830.4	13.8	13.2	-90.19	-21.1	229.9	220.1	193.5	26.62	8.267		
5,900.0	5,879.9	5,891.8	5,879.9	13.8	13.3	-91.92	-21.1	229.9	220.2	193.4	26.81	8.212		
5,950.0	5,928.8	5,941.9	5,930.0	13.9	13.4	-94.14	-21.1	227.9	220.7	193.7	26.97	8.181		
6,000.0	5,976.6	5,992.8	5,980.6	13.9	13.5	-96.33	-21.2	221.8	221.5	194.4	27.10	8.173		
6,050.0	6,023.2	6,044.4	6,031.1	13.9	13.5	-98.48	-21.3	211.6	222.6	195.4	27.18	8.189		
6,100.0	6,068.2	6,096.8	6,081.4	13.9	13.6	-100.58	-21.4	197.0	224.0	196.8	27.24	8.224		
6,150.0	6,111.4	6,150.0	6,131.1	14.0	13.6	-102.60	-21.6	178.1	225.7	198.4	27.27	8.276		
6,200.0	6,152.5	6,203.9	6,179.7	14.0	13.7	-104.52	-21.8	154.7	227.5	200.2	27.29	8.338		
6,250.0	6,191.2	6,258.6	6,226.8	14.0	13.8	-106.34	-22.1	126.9	229.6	202.2	27.32	8.402		
6,300.0	6,227.3	6,314.1	6,271.9	14.1	13.9	-108.05	-22.4	94.6	231.7	204.3	27.40	8.456		
6,350.0	6,260.5	6,370.4	6,314.6	14.3	14.0	-109.62	-22.7	58.0	233.9	206.3	27.55	8.489		
6,400.0	6,290.8	6,427.3	6,354.4	14.5	14.2	-111.04	-23.1	17.3	236.0	208.2	27.81	8.488		
6,450.0	6,317.8	6,485.0	6,390.8	14.9	14.5	-112.32	-23.6	-27.4	238.1	209.9	28.21	8.440		
6,500.0	6,341.5	6,543.3	6,423.3	15.4	15.0	-113.44	-24.0	-75.8	240.1	211.3	28.79	8.337		
6,550.0	6,361.6	6,602.2	6,451.6	16.0	15.5	-114.40	-24.5	-127.4	241.8	212.2	29.58	8.174		
6,600.0	6,378.0	6,661.6	6,475.1	16.6	16.2	-115.19	-25.0	-181.9	243.3	212.7	30.60	7.951		
6,650.0	6,390.8	6,721.4	6,493.6	17.4	17.0	-115.82	-25.6	-238.8	244.5	212.7	31.85	7.679		
6,700.0	6,399.6	6,781.5	6,506.7	18.2	18.0	-116.26	-26.1	-297.4	245.4	212.1	33.31	7.369		
6,750.0	6,404.6	6,841.9	6,514.2	19.1	19.0	-116.53	-26.7	-357.3	246.0	211.0	34.96	7.036		
6,800.0	6,405.7	6,902.3	6,516.0	20.0	20.1	-116.63	-27.3	-417.7	246.2	209.4	36.80	6.690		
6,829.8	6,404.5	6,937.4	6,514.5	20.6	20.8	-116.60	-27.6	-452.7	246.1	208.2	37.96	6.485		
6,829.9	6,404.5	6,937.5	6,514.5	20.6	20.8	-116.60	-27.6	-452.8	246.1	208.2	37.96	6.484		
6,900.0	6,399.9	7,007.6	6,509.9	22.0	22.2	-116.61	-28.3	-522.7	246.1	205.6	40.50	6.077		
7,000.0	6,393.5	7,107.6	6,503.5	24.2	24.4	-116.61	-29.2	-622.5	246.2	201.8	44.37	5.548		
7,100.0	6,387.0	7,207.6	6,497.0	26.5	26.6	-116.61	-30.2	-722.3	246.2	197.7	48.45	5.081		
7,200.0	6,380.5	7,307.6	6,490.6	28.8	29.0	-116.62	-31.1	-822.1	246.2	193.5	52.70	4.671		
7,300.0	6,374.1	7,407.6	6,484.1	31.3	31.4	-116.62	-32.1	-921.9	246.2	189.1	57.08	4.313		
7,400.0	6,367.6	7,507.6	6,477.7	33.8	33.9	-116.63	-33.0	-1,021.7	246.2	184.6	61.56	3.999		
7,500.0	6,361.1	7,607.6	6,471.2	36.3	36.5	-116.63	-34.0	-1,121.4	246.2	180.1	66.12	3.723		
7,600.0	6,354.6	7,707.6	6,464.8	38.9	39.1	-116.63	-34.9	-1,221.2	246.2	175.4	70.75	3.480		
7,700.0	6,348.2	7,807.6	6,458.3	41.5	41.7	-116.64	-35.9	-1,321.0	246.2	170.8	75.43	3.264		
7,800.0	6,341.7	7,907.6	6,451.9	44.1	44.3	-116.64	-36.9	-1,420.8	246.2	166.0	80.16	3.071		
7,900.0	6,335.2	8,007.6	6,445.4	46.7	46.9	-116.64	-37.8	-1,520.6	246.2	161.3	84.92	2.899		
8,000.0	6,328.8	8,107.6	6,439.0	49.4	49.6	-116.65	-38.8	-1,620.4	246.2	156.5	89.72	2.744		
8,100.0	6,322.3	8,207.6	6,432.5	52.1	52.3	-116.65	-39.7	-1,720.2	246.2	151.7	94.54	2.605		
8,200.0	6,315.8	8,307.6	6,426.1	54.8	55.0	-116.66	-40.7	-1,820.0	246.2	146.9	99.38	2.478		

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

<b>Company:</b>	Synergy Resources	<b>Local Co-ordinate Reference:</b>	Well SRC Cannon S-16NHZ
<b>Project:</b>	SEC.16-T4N-R68W	<b>TVD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Reference Site:</b>	SRC Cannon Pad Sec.16-T4N-R68W	<b>MD Reference:</b>	WELL @ 4944.5ft (Ensign Rig #131 - RKB - 13.5')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	SRC Cannon S-16NHZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #2 (1-12-15)	<b>Offset TVD Reference:</b>	Offset Datum











Offset Design		SRC Cannon Pad Sec.16-T4N-R68W - SRC Cannon S-16CHZ - Wellbore #1 - Plan #2 (1-12-15)										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)			
8,300.0	6,309.3	8,407.6	6,419.6	57.5	57.7	-116.66	-41.6	-1,919.7	246.2	142.0	104.24	2.362		
8,400.0	6,302.9	8,507.6	6,413.1	60.2	60.4	-116.66	-42.6	-2,019.5	246.2	137.1	109.12	2.257		
8,500.0	6,296.4	8,607.6	6,406.7	62.9	63.1	-116.67	-43.5	-2,119.3	246.3	132.2	114.01	2.160		
8,600.0	6,289.9	8,707.6	6,400.2	65.6	65.8	-116.67	-44.5	-2,219.1	246.3	127.3	118.91	2.071		
8,700.0	6,283.5	8,807.6	6,393.8	68.3	68.5	-116.67	-45.4	-2,318.9	246.3	122.4	123.83	1.989		
8,800.0	6,277.0	8,907.6	6,387.3	71.1	71.3	-116.68	-46.4	-2,418.7	246.3	117.5	128.75	1.913		
8,900.0	6,270.5	9,007.6	6,380.9	73.8	74.0	-116.68	-47.3	-2,518.5	246.3	112.6	133.69	1.842		
9,000.0	6,264.1	9,107.6	6,374.4	76.6	76.7	-116.69	-48.3	-2,618.3	246.3	107.7	138.63	1.777		
9,100.0	6,257.6	9,207.6	6,368.0	79.3	79.5	-116.69	-49.2	-2,718.0	246.3	102.7	143.58	1.715		
9,200.0	6,251.1	9,307.6	6,361.5	82.1	82.2	-116.69	-50.2	-2,817.8	246.3	97.8	148.53	1.658		
9,300.0	6,244.6	9,407.6	6,355.1	84.8	85.0	-116.70	-51.1	-2,917.6	246.3	92.8	153.49	1.605		
9,400.0	6,238.2	9,507.6	6,348.6	87.6	87.7	-116.70	-52.1	-3,017.4	246.3	87.9	158.45	1.554		
9,500.0	6,231.7	9,607.6	6,342.2	90.3	90.5	-116.70	-53.0	-3,117.2	246.3	82.9	163.42	1.507		
9,600.0	6,225.2	9,707.6	6,335.7	93.1	93.3	-116.71	-54.0	-3,217.0	246.3	77.9	168.39	1.463	Level 3	
9,700.0	6,218.8	9,807.6	6,329.3	95.8	96.0	-116.71	-54.9	-3,316.8	246.3	73.0	173.37	1.421	Level 3	
9,800.0	6,212.3	9,907.6	6,322.8	98.6	98.8	-116.72	-55.9	-3,416.5	246.3	68.0	178.35	1.381	Level 3	
9,900.0	6,205.8	10,007.6	6,316.4	101.4	101.6	-116.72	-56.9	-3,516.3	246.3	63.0	183.33	1.344	Level 3	
10,000.0	6,199.3	10,107.6	6,309.9	104.1	104.3	-116.72	-57.8	-3,616.1	246.4	58.0	188.32	1.308	Level 3	
10,100.0	6,192.9	10,207.6	6,303.4	106.9	107.1	-116.73	-58.8	-3,715.9	246.4	53.1	193.31	1.274	Level 3	
10,200.0	6,186.4	10,307.6	6,297.0	109.7	109.9	-116.73	-59.7	-3,815.7	246.4	48.1	198.30	1.242	Level 2	
10,300.0	6,179.9	10,407.6	6,290.5	112.5	112.6	-116.74	-60.7	-3,915.5	246.4	43.1	203.29	1.212	Level 2	
10,400.0	6,173.5	10,507.6	6,284.1	115.2	115.4	-116.74	-61.6	-4,015.3	246.4	38.1	208.29	1.183	Level 2	
10,500.0	6,167.0	10,607.6	6,277.6	118.0	118.2	-116.74	-62.6	-4,115.1	246.4	33.1	213.28	1.155	Level 2	
10,600.0	6,160.5	10,707.6	6,271.2	120.8	121.0	-116.75	-63.5	-4,214.8	246.4	28.1	218.28	1.129	Level 2	
10,700.0	6,154.1	10,807.6	6,264.7	123.6	123.7	-116.75	-64.5	-4,314.6	246.4	23.1	223.28	1.104	Level 2	
10,800.0	6,147.6	10,907.6	6,258.3	126.3	126.5	-116.75	-65.4	-4,414.4	246.4	18.1	228.28	1.079	Level 2	
10,900.0	6,141.1	11,007.6	6,251.8	129.1	129.3	-116.76	-66.4	-4,514.2	246.4	13.1	233.28	1.056	Level 2	
10,909.2	6,140.5	11,016.7	6,251.2	129.4	129.6	-116.76	-66.5	-4,523.4	246.4	12.7	233.74	1.054	Level 2	
10,924.9	6,139.5	11,028.0	6,250.5	129.8	129.9	-116.76	-66.6	-4,534.6	246.5	12.0	234.42	1.051	Level 2, SF	

Reference Depths are relative to WELL @ 4944.5ft (Ensign Rig #131 - Coordinates are relative to: SRC Cannon S-16NHZ  
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: 0.32°



Reference Depths are relative to WELL @ 4944.5ft (Ensign Rig #131 - Coordinates are relative to: SRC Cannon S-16NHZ  
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: 0.32°



14-16CHZ, Wellbore #1, Plan #2 (1-12-15) V		SRC Cannon 24-16CHZ, Wellbore #1, Plan #2 (1-12-15) V		SRC Cannon 13-16NHZ, Wellbore #1, Plan #2 (1-12-15) V	
16-16NHZ, Wellbore #1, Plan #2 (1-12-15) V		SRC Cannon 13-16CHZ, Wellbore #1, Plan #2 (1-12-15) V		SRC Cannon K-16CHZ, Wellbore #1, Plan #2 (1-12-15) V	
24-16NHZ, Wellbore #1, Plan #2 (1-12-15) V		SRC Cannon S-16CHZ, Wellbore #1, Plan #2 (1-12-15) V		Zoller #1 (P&A), Wellbore #1, Plan #2 (1-12-15) V	
H-16CHZ, Wellbore #1, Plan #2 (1-12-15) V		SRC Cannon 14-16NHZ, Wellbore #1, Plan #2 (1-12-15) V	