

# BONANZA CREEK ENERGY OPERATING

Well Name: **State North Platte P-T-26HNC**

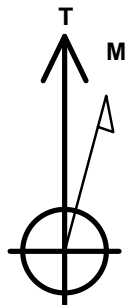
Surface Location: State North Platte 41-26 Pad Sec.26-T5N-R63W  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4562.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1381468.27	3307465.38	40.375280	-104.396410	
RKB - 15' WELL @ 4577.0ft (RKB - 15')						

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
SHL 778'FNL, 764'FEL	1.0	0.0	0.0	Point
BHL 470'FSL, 1450'FEL	6463.0	-3941.8	-749.6	Point
T1 531'FNL, 1450'FEL	6463.0	251.4	-682.6	Point



Azimuths to True North  
Magnetic North: 8.35°

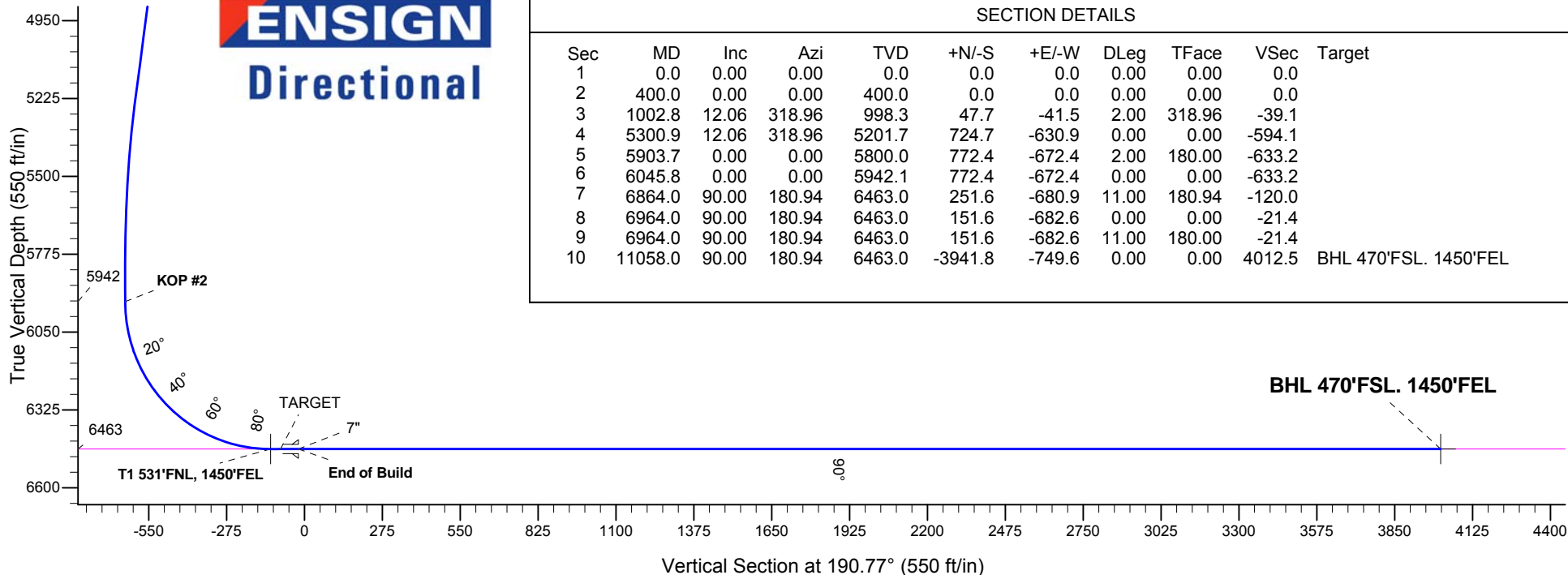
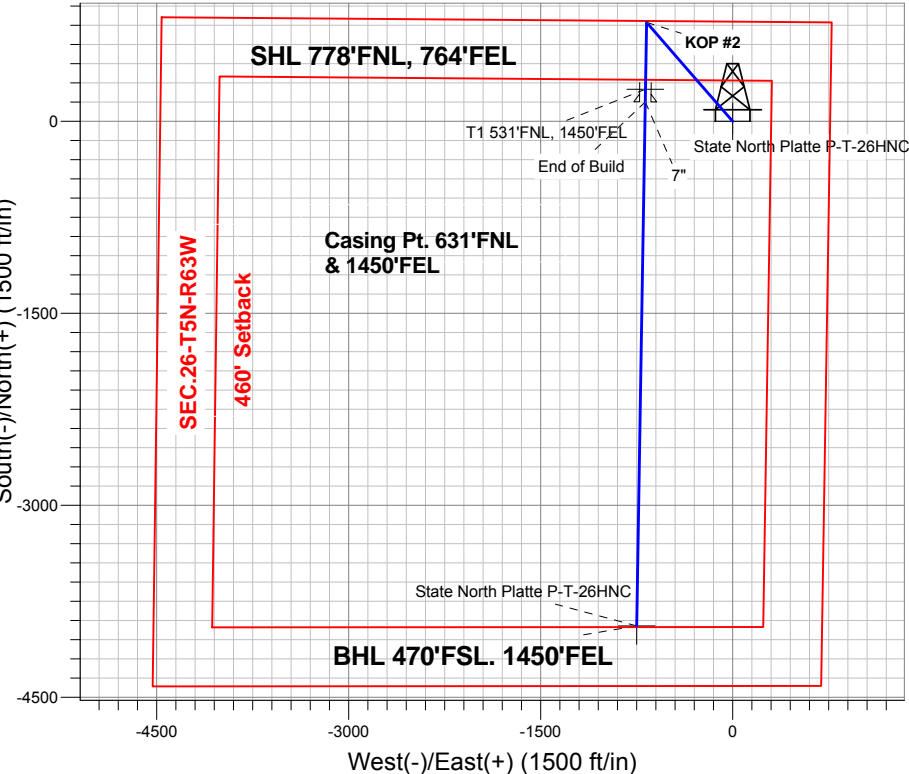
Magnetic Field  
Strength: 52916.2snT  
Dip Angle: 67.01°  
Date: 10/4/2013  
Model: IGRF2010

State North Platte 41-26 Pad Sec.26-T5N-R63W  
State North Platte P-T-26HNC  
Plan #3 (10-04-13)  
15:09, October 04 2013

## ANNOTATIONS

TVD	MD	Annotation
400.0	400.0	KOP #1
5942.1	6045.8	KOP #2
6463.0	6964.0	End of Build

South(-)/North(+) (1500 ft/in)



## 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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	1002.8	12.06	318.96	998.3	47.7	-41.5	2.00	318.96	-39.1	
4	5300.9	12.06	318.96	5201.7	724.7	-630.9	0.00	0.00	-594.1	
5	5903.7	0.00	0.00	5800.0	772.4	-672.4	2.00	180.00	-633.2	
6	6045.8	0.00	0.00	5942.1	772.4	-672.4	0.00	0.00	-633.2	
7	6864.0	90.00	180.94	6463.0	251.6	-680.9	11.00	180.94	-120.0	
8	6964.0	90.00	180.94	6463.0	151.6	-682.6	0.00	0.00	-21.4	
9	6964.0	90.00	180.94	6463.0	151.6	-682.6	11.00	180.00	-21.4	
10	11058.0	90.00	180.94	6463.0	-3941.8	-749.6	0.00	0.00	4012.5	BHL 470'FSL, 1450'FEL



## **Directional**

# **BONANZA CREEK ENERGY OPERATING**

**SEC.26-T5N-R63W**

**State North Platte 41-26 Pad Sec.26-T5N-R63W**

**State North Platte P-T-26HNC**

**Wellbore #1**

**Plan: Plan #3 (10-04-13)**

## **Standard Planning Report**

**04 October, 2013**

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,002.8	12.06	318.96	998.3	47.7	-41.5	2.00	2.00	0.00	318.96	
5,300.9	12.06	318.96	5,201.7	724.7	-630.9	0.00	0.00	0.00	0.00	
5,903.7	0.00	0.00	5,800.0	772.4	-672.4	2.00	-2.00	0.00	180.00	
6,045.8	0.00	0.00	5,942.1	772.4	-672.4	0.00	0.00	0.00	0.00	
6,864.0	90.00	180.94	6,463.0	251.6	-680.9	11.00	11.00	0.00	180.94	
6,964.0	90.00	180.94	6,463.0	151.6	-682.6	0.00	0.00	0.00	0.00	
6,964.0	90.00	180.94	6,463.0	151.6	-682.6	11.00	11.00	0.00	180.00	
11,058.0	90.00	180.94	6,463.0	-3,941.8	-749.6	0.00	0.00	0.00	0.00	BHL 470'FSL. 1450

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Project:</b>	SEC.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>North Reference:</b>	True
<b>Well:</b>	State North Platte P-T-26HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #3 (10-04-13)		

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 778'FNL, 764'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
<b>KOP #1</b>									
500.0	2.00	318.96	500.0	1.3	-1.1	-1.1	2.00	2.00	0.00
600.0	4.00	318.96	599.8	5.3	-4.6	-4.3	2.00	2.00	0.00
700.0	6.00	318.96	699.5	11.8	-10.3	-9.7	2.00	2.00	0.00
800.0	8.00	318.96	798.7	21.0	-18.3	-17.2	2.00	2.00	0.00
900.0	10.00	318.96	897.5	32.8	-28.6	-26.9	2.00	2.00	0.00
1,000.0	12.00	318.96	995.6	47.2	-41.1	-38.7	2.00	2.00	0.00
1,002.8	12.06	318.96	998.3	47.7	-41.5	-39.1	2.00	2.00	0.00
1,100.0	12.06	318.96	1,093.4	63.0	-54.8	-51.6	0.00	0.00	0.00
1,200.0	12.06	318.96	1,191.2	78.7	-68.5	-64.5	0.00	0.00	0.00
1,300.0	12.06	318.96	1,289.0	94.5	-82.2	-77.4	0.00	0.00	0.00
1,400.0	12.06	318.96	1,386.8	110.2	-96.0	-90.4	0.00	0.00	0.00
1,500.0	12.06	318.96	1,484.6	126.0	-109.7	-103.3	0.00	0.00	0.00
1,600.0	12.06	318.96	1,582.4	141.7	-123.4	-116.2	0.00	0.00	0.00
1,700.0	12.06	318.96	1,680.2	157.5	-137.1	-129.1	0.00	0.00	0.00
1,800.0	12.06	318.96	1,778.0	173.2	-150.8	-142.0	0.00	0.00	0.00
1,900.0	12.06	318.96	1,875.8	189.0	-164.5	-154.9	0.00	0.00	0.00
2,000.0	12.06	318.96	1,973.6	204.7	-178.2	-167.8	0.00	0.00	0.00
2,100.0	12.06	318.96	2,071.4	220.5	-192.0	-180.8	0.00	0.00	0.00
2,200.0	12.06	318.96	2,169.2	236.3	-205.7	-193.7	0.00	0.00	0.00
2,300.0	12.06	318.96	2,267.0	252.0	-219.4	-206.6	0.00	0.00	0.00
2,400.0	12.06	318.96	2,364.7	267.8	-233.1	-219.5	0.00	0.00	0.00
2,500.0	12.06	318.96	2,462.5	283.5	-246.8	-232.4	0.00	0.00	0.00
2,600.0	12.06	318.96	2,560.3	299.3	-260.5	-245.3	0.00	0.00	0.00
2,700.0	12.06	318.96	2,658.1	315.0	-274.2	-258.2	0.00	0.00	0.00
2,800.0	12.06	318.96	2,755.9	330.8	-288.0	-271.2	0.00	0.00	0.00
2,900.0	12.06	318.96	2,853.7	346.5	-301.7	-284.1	0.00	0.00	0.00
3,000.0	12.06	318.96	2,951.5	362.3	-315.4	-297.0	0.00	0.00	0.00
3,100.0	12.06	318.96	3,049.3	378.0	-329.1	-309.9	0.00	0.00	0.00
3,200.0	12.06	318.96	3,147.1	393.8	-342.8	-322.8	0.00	0.00	0.00
3,300.0	12.06	318.96	3,244.9	409.5	-356.5	-335.7	0.00	0.00	0.00
3,400.0	12.06	318.96	3,342.7	425.3	-370.2	-348.6	0.00	0.00	0.00
3,500.0	12.06	318.96	3,440.5	441.0	-383.9	-361.6	0.00	0.00	0.00
3,600.0	12.06	318.96	3,538.3	456.8	-397.7	-374.5	0.00	0.00	0.00
3,700.0	12.06	318.96	3,636.1	472.6	-411.4	-387.4	0.00	0.00	0.00
3,800.0	12.06	318.96	3,733.9	488.3	-425.1	-400.3	0.00	0.00	0.00
3,900.0	12.06	318.96	3,831.7	504.1	-438.8	-413.2	0.00	0.00	0.00
4,000.0	12.06	318.96	3,929.5	519.8	-452.5	-426.1	0.00	0.00	0.00
4,100.0	12.06	318.96	4,027.3	535.6	-466.2	-439.0	0.00	0.00	0.00
4,200.0	12.06	318.96	4,125.0	551.3	-479.9	-451.9	0.00	0.00	0.00
4,300.0	12.06	318.96	4,222.8	567.1	-493.7	-464.9	0.00	0.00	0.00
4,400.0	12.06	318.96	4,320.6	582.8	-507.4	-477.8	0.00	0.00	0.00
4,500.0	12.06	318.96	4,418.4	598.6	-521.1	-490.7	0.00	0.00	0.00
4,600.0	12.06	318.96	4,516.2	614.3	-534.8	-503.6	0.00	0.00	0.00
4,700.0	12.06	318.96	4,614.0	630.1	-548.5	-516.5	0.00	0.00	0.00
4,800.0	12.06	318.96	4,711.8	645.8	-562.2	-529.4	0.00	0.00	0.00

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<b>Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>North Reference:</b>	True
<b>Well:</b>	State North Platte P-T-26HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #3 (10-04-13)		

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)
4,900.0	12.06	318.96	4,809.6	661.6	-575.9	-542.3	0.00	0.00	0.00
5,000.0	12.06	318.96	4,907.4	677.3	-589.7	-555.3	0.00	0.00	0.00
5,100.0	12.06	318.96	5,005.2	693.1	-603.4	-568.2	0.00	0.00	0.00
5,200.0	12.06	318.96	5,103.0	708.9	-617.1	-581.1	0.00	0.00	0.00
5,300.0	12.06	318.96	5,200.8	724.6	-630.8	-594.0	0.00	0.00	0.00
5,300.9	12.06	318.96	5,201.7	724.7	-630.9	-594.1	0.00	0.00	0.00
5,400.0	10.07	318.96	5,298.9	739.1	-643.4	-605.9	2.00	-2.00	0.00
5,500.0	8.07	318.96	5,397.7	751.0	-653.8	-615.6	2.00	-2.00	0.00
5,600.0	6.07	318.96	5,496.9	760.3	-661.8	-623.2	2.00	-2.00	0.00
5,700.0	4.07	318.96	5,596.5	766.9	-667.6	-628.7	2.00	-2.00	0.00
5,800.0	2.07	318.96	5,696.4	771.0	-671.2	-632.0	2.00	-2.00	0.00
5,900.0	0.07	318.96	5,796.3	772.4	-672.4	-633.2	2.00	-2.00	0.00
5,903.7	0.00	0.00	5,800.0	772.4	-672.4	-633.2	2.00	-2.00	0.00
6,000.0	0.00	0.00	5,896.3	772.4	-672.4	-633.2	0.00	0.00	0.00
6,045.8	0.00	0.00	5,942.1	772.4	-672.4	-633.2	0.00	0.00	0.00
<b>KOP #2</b>									
6,100.0	5.96	180.94	5,996.2	769.6	-672.4	-630.4	11.00	11.00	0.00
6,200.0	16.96	180.94	6,094.1	749.7	-672.8	-610.9	11.00	11.00	0.00
6,300.0	27.96	180.94	6,186.4	711.6	-673.4	-573.3	11.00	11.00	0.00
6,400.0	38.96	180.94	6,269.7	656.6	-674.3	-519.0	11.00	11.00	0.00
6,500.0	49.96	180.94	6,340.9	586.6	-675.4	-450.1	11.00	11.00	0.00
6,600.0	60.96	180.94	6,397.5	504.4	-676.8	-369.1	11.00	11.00	0.00
6,700.0	71.96	180.94	6,437.4	412.9	-678.3	-278.9	11.00	11.00	0.00
6,800.0	82.96	180.94	6,459.1	315.4	-679.9	-182.8	11.00	11.00	0.00
6,864.0	90.00	180.94	6,463.0	251.6	-680.9	-120.0	11.00	11.00	0.00
<b>TARGET</b>									
6,864.2	90.00	180.94	6,463.0	251.4	-680.9	-119.7	0.00	0.00	0.00
<b>T1 531'FNL, 1450'FEL</b>									
6,900.0	90.00	180.94	6,463.0	215.6	-681.5	-84.5	0.00	0.00	0.00
6,964.0	90.00	180.94	6,463.0	151.6	-682.6	-21.4	0.00	0.00	0.00
<b>End of Build - 7"</b>									
7,000.0	90.00	180.94	6,463.0	115.6	-683.2	14.1	0.00	0.00	0.00
7,100.0	90.00	180.94	6,463.0	15.6	-684.8	112.6	0.00	0.00	0.00
7,200.0	90.00	180.94	6,463.0	-84.4	-686.4	211.1	0.00	0.00	0.00
7,300.0	90.00	180.94	6,463.0	-184.4	-688.1	309.7	0.00	0.00	0.00
7,400.0	90.00	180.94	6,463.0	-284.3	-689.7	408.2	0.00	0.00	0.00
7,500.0	90.00	180.94	6,463.0	-384.3	-691.3	506.7	0.00	0.00	0.00
7,600.0	90.00	180.94	6,463.0	-484.3	-693.0	605.3	0.00	0.00	0.00
7,700.0	90.00	180.94	6,463.0	-584.3	-694.6	703.8	0.00	0.00	0.00
7,800.0	90.00	180.94	6,463.0	-684.3	-696.3	802.3	0.00	0.00	0.00
7,900.0	90.00	180.94	6,463.0	-784.3	-697.9	900.9	0.00	0.00	0.00
8,000.0	90.00	180.94	6,463.0	-884.3	-699.5	999.4	0.00	0.00	0.00
8,100.0	90.00	180.94	6,463.0	-984.3	-701.2	1,097.9	0.00	0.00	0.00
8,200.0	90.00	180.94	6,463.0	-1,084.2	-702.8	1,196.5	0.00	0.00	0.00
8,300.0	90.00	180.94	6,463.0	-1,184.2	-704.4	1,295.0	0.00	0.00	0.00
8,400.0	90.00	180.94	6,463.0	-1,284.2	-706.1	1,393.5	0.00	0.00	0.00
8,500.0	90.00	180.94	6,463.0	-1,384.2	-707.7	1,492.0	0.00	0.00	0.00
8,600.0	90.00	180.94	6,463.0	-1,484.2	-709.4	1,590.6	0.00	0.00	0.00
8,700.0	90.00	180.94	6,463.0	-1,584.2	-711.0	1,689.1	0.00	0.00	0.00
8,800.0	90.00	180.94	6,463.0	-1,684.2	-712.6	1,787.6	0.00	0.00	0.00
8,900.0	90.00	180.94	6,463.0	-1,784.1	-714.3	1,886.2	0.00	0.00	0.00
9,000.0	90.00	180.94	6,463.0	-1,884.1	-715.9	1,984.7	0.00	0.00	0.00
9,100.0	90.00	180.94	6,463.0	-1,984.1	-717.6	2,083.2	0.00	0.00	0.00

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)	
9,200.0	90.00	180.94	6,463.0	-2,084.1	-719.2	2,181.8	0.00	0.00	0.00	
9,300.0	90.00	180.94	6,463.0	-2,184.1	-720.8	2,280.3	0.00	0.00	0.00	
9,400.0	90.00	180.94	6,463.0	-2,284.1	-722.5	2,378.8	0.00	0.00	0.00	
9,500.0	90.00	180.94	6,463.0	-2,384.1	-724.1	2,477.4	0.00	0.00	0.00	
9,600.0	90.00	180.94	6,463.0	-2,484.1	-725.7	2,575.9	0.00	0.00	0.00	
9,700.0	90.00	180.94	6,463.0	-2,584.0	-727.4	2,674.4	0.00	0.00	0.00	
9,800.0	90.00	180.94	6,463.0	-2,684.0	-729.0	2,773.0	0.00	0.00	0.00	
9,900.0	90.00	180.94	6,463.0	-2,784.0	-730.7	2,871.5	0.00	0.00	0.00	
10,000.0	90.00	180.94	6,463.0	-2,884.0	-732.3	2,970.0	0.00	0.00	0.00	
10,100.0	90.00	180.94	6,463.0	-2,984.0	-733.9	3,068.6	0.00	0.00	0.00	
10,200.0	90.00	180.94	6,463.0	-3,084.0	-735.6	3,167.1	0.00	0.00	0.00	
10,300.0	90.00	180.94	6,463.0	-3,184.0	-737.2	3,265.6	0.00	0.00	0.00	
10,400.0	90.00	180.94	6,463.0	-3,283.9	-738.8	3,364.2	0.00	0.00	0.00	
10,500.0	90.00	180.94	6,463.0	-3,383.9	-740.5	3,462.7	0.00	0.00	0.00	
10,600.0	90.00	180.94	6,463.0	-3,483.9	-742.1	3,561.2	0.00	0.00	0.00	
10,700.0	90.00	180.94	6,463.0	-3,583.9	-743.8	3,659.8	0.00	0.00	0.00	
10,800.0	90.00	180.94	6,463.0	-3,683.9	-745.4	3,758.3	0.00	0.00	0.00	
10,900.0	90.00	180.94	6,463.0	-3,783.9	-747.0	3,856.8	0.00	0.00	0.00	
11,000.0	90.00	180.94	6,463.0	-3,883.9	-748.7	3,955.4	0.00	0.00	0.00	
11,058.0	90.00	180.94	6,463.0	-3,941.8	-749.6	4,012.5	0.00	0.00	0.00	
BHL 470'FSL. 1450'FEL										

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SHL 778'FNL, 764'FE - plan hits target center - Point	0.00	0.00	1.0	0.0	0.0	1,381,468.28	3,307,465.38	40.375280	-104.396410
T1 531'FNL, 1450'FEI - plan misses target center by 1.7ft at 6864.2ft MD (6463.0 TVD, 251.4 N, -680.9 E) - Point	0.00	0.00	6,463.0	251.4	-682.6	1,381,711.13	3,306,779.71	40.375970	-104.398860
BHL 470'FSL, 1450'FI - plan hits target center - Point	0.00	0.00	6,463.0	-3,941.8	-749.6	1,377,517.59	3,306,764.91	40.364460	-104.399100

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")
6,964.0	6,463.0	7"		7	7-1/2

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,864.0	6,463.0	TARGET		0.00	

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Project:</b>	SEC.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site:</b>	State North Platte 41-26 Pad	<b>North Reference:</b>	True
	Sec.26-T5N-R63W		
<b>Well:</b>	State North Platte P-T-26HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #3 (10-04-13)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
400.0	400.0	0.0	0.0	KOP #1
6,045.8	5,942.1	772.4	-672.4	KOP #2
6,964.0	6,463.0	151.6	-682.6	End of Build



## **Directional**

# **BONANZA CREEK ENERGY OPERATING**

**SEC.26-T5N-R63W**

**State North Platte 41-26 Pad Sec.26-T5N-R63W**

**State North Platte P-T-26HNC**

**Wellbore #1**

**Plan #3 (10-04-13)**

## **Anticollision Report**

**04 October, 2013**



<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #3 (10-04-13)		
<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>	10/4/2013		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	11,058.0	Plan #3 (10-04-13) (Wellbore #1)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
State North Platte 41-26 Pad Sec.26-T5N-R63W						
State 1-26 (P&A) - Wellbore #1 - Wellbore #1	9,507.8	6,442.0	771.7	590.5	4.259	CC, ES
State 1-26 (P&A) - Wellbore #1 - Wellbore #1	9,600.0	6,442.0	777.2	594.3	4.250	SF
State North Platte 31-34-26HNC - Wellbore #1 - Plan #4	200.0	199.0	98.4	97.7	146.376	CC
State North Platte 31-34-26HNC - Wellbore #1 - Plan #4	400.0	398.7	98.6	97.1	63.267	ES
State North Platte 31-34-26HNC - Wellbore #1 - Plan #4	11,058.0	11,199.7	649.2	488.1	4.029	SF
State North Platte 41-44-26HNC - Wellbore #1 - Plan #4	166.3	167.3	21.9	21.3	41.613	CC
State North Platte 41-44-26HNC - Wellbore #1 - Plan #4	200.0	201.0	21.9	21.2	32.303	ES
State North Platte 41-44-26HNC - Wellbore #1 - Plan #4	11,058.0	11,004.8	649.3	487.1	4.002	SF
State North Platte P31-T34-26HNB - Wellbore #1 - Plan	400.0	400.0	18.2	16.6	11.577	CC, ES
State North Platte P31-T34-26HNB - Wellbore #1 - Plan	11,058.0	11,023.6	343.1	185.9	2.183	SF
State North Platte P41-T44-26HNB - Wellbore #1 - Plan	400.0	400.0	40.1	38.5	25.483	CC, ES
State North Platte P41-T44-26HNB - Wellbore #1 - Plan	11,058.0	10,928.4	340.5	186.7	2.214	SF
State North Platte U41-Y44-26HNB - Wellbore #1 - Plan	400.0	401.0	58.3	56.7	36.995	CC, ES
State North Platte U41-Y44-26HNB - Wellbore #1 - Plan	11,058.0	10,929.5	981.2	821.3	6.135	SF
State North Platte U-Y-26HNC - Wellbore #1 - Plan #3 (1	400.0	401.0	80.1	78.6	50.866	CC, ES
State North Platte U-Y-26HNC - Wellbore #1 - Plan #3 (1	900.0	898.5	116.5	112.7	30.120	SF

Offset Design		State North Platte 41-26 Pad Sec.26-T5N-R63W - State 1-26 (P&A) - Wellbore #1 - Wellbore #1										Offset Site Error:		0.0 ft			
Survey Program: 7000-UNKNOWN														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)						
8,900.0	6,463.0	6,442.0	6,442.0	42.4	128.8	-90.00	-2,404.5	47.4	982.3	811.9	170.36	5.766					
9,000.0	6,463.0	6,442.0	6,442.0	44.1	128.8	-90.00	-2,404.5	47.4	923.8	751.6	172.11	5.367					
9,100.0	6,463.0	6,442.0	6,442.0	45.8	128.8	-90.00	-2,404.5	47.4	872.8	698.9	173.88	5.020					
9,200.0	6,463.0	6,442.0	6,442.0	47.6	128.8	-90.00	-2,404.5	47.4	830.8	655.1	175.66	4.730					
9,300.0	6,463.0	6,442.0	6,442.0	49.4	128.8	-90.00	-2,404.5	47.4	799.2	621.7	177.44	4.504					
9,400.0	6,463.0	6,442.0	6,442.0	51.1	128.8	-90.00	-2,404.5	47.4	779.2	599.9	179.24	4.347					
9,500.0	6,463.0	6,442.0	6,442.0	52.9	128.8	-90.00	-2,404.5	47.4	771.7	590.7	181.05	4.263					
9,507.8	6,463.0	6,442.0	6,442.0	53.1	128.8	-90.00	-2,404.5	47.4	771.7	590.5	181.19	4.259 CC, ES					
9,600.0	6,463.0	6,442.0	6,442.0	54.7	128.8	-90.00	-2,404.5	47.4	777.2	594.3	182.86	4.250 SF					
9,700.0	6,463.0	6,442.0	6,442.0	56.5	128.8	-90.00	-2,404.5	47.4	795.3	610.6	184.68	4.306					
9,800.0	6,463.0	6,442.0	6,442.0	58.3	128.8	-90.00	-2,404.5	47.4	825.2	638.7	186.51	4.424					

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> State North Platte 41-26 Pad Sec.26-T5N-R63W - State 1-26 (P&A) - Wellbore #1 - Wellbore #1													<b>Offset Site Error:</b>	0.0 ft
Survey Program: 7000-UNKNOWN													<b>Offset Well Error:</b>	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		
9,900.0	6,463.0	6,442.0	6,442.0	60.2	128.8	-90.00	-2,404.5	47.4	865.7	677.3	188.34	4.596		
10,000.0	6,463.0	6,442.0	6,442.0	62.0	128.8	-90.00	-2,404.5	47.4	915.3	725.2	190.18	4.813		
10,100.0	6,463.0	6,442.0	6,442.0	63.8	128.8	-90.00	-2,404.5	47.4	972.8	780.8	192.02	5.066		

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte 31-34-26HNC - Wellbore #1 - Plan													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-98.4	0.0	98.4					
100.0	100.0	99.0	99.0	0.1	0.1	-180.00	-98.4	0.0	98.4	98.1	0.22	439.860		
200.0	200.0	199.0	199.0	0.3	0.3	-180.00	-98.4	0.0	98.4	97.7	0.67	146.376 CC		
228.4	228.4	227.4	227.4	0.4	0.4	-179.92	-98.4	-0.1	98.4	97.6	0.80	123.402		
300.0	300.0	299.0	298.9	0.6	0.6	-179.00	-98.4	-1.7	98.4	97.3	1.11	88.480		
400.0	400.0	398.7	398.5	0.8	0.8	-176.00	-98.4	-6.9	98.6	97.1	1.56	63.267 ES		
500.0	500.0	499.3	498.7	1.0	1.0	-130.72	-98.1	-15.5	100.4	98.4	2.04	49.346		
600.0	599.8	601.0	599.8	1.2	1.3	-126.45	-95.6	-26.9	103.3	100.7	2.55	40.555		
700.0	699.5	702.5	700.2	1.5	1.6	-122.33	-90.6	-40.8	106.9	103.8	3.11	34.396		
800.0	798.7	803.9	800.0	1.7	2.0	-118.39	-83.1	-57.2	111.2	107.4	3.74	29.755		
900.0	897.5	905.0	898.8	2.1	2.4	-114.68	-73.1	-76.0	116.1	111.7	4.45	26.083		
1,002.8	998.3	1,008.8	999.5	2.4	2.9	-111.13	-60.3	-97.9	121.9	116.6	5.30	23.008		
1,100.0	1,093.4	1,106.7	1,093.5	2.8	3.4	-107.42	-45.9	-120.9	127.4	121.2	6.19	20.565		
1,200.0	1,191.2	1,206.8	1,188.7	3.2	4.0	-102.50	-28.8	-146.8	132.9	125.8	7.19	18.503		
1,300.0	1,289.0	1,305.9	1,282.1	3.6	4.7	-97.03	-10.1	-174.0	139.3	131.1	8.21	16.963		
1,400.0	1,386.8	1,404.8	1,375.4	4.1	5.3	-92.04	8.5	-201.3	146.8	137.5	9.22	15.922		
1,500.0	1,484.6	1,503.8	1,468.6	4.5	6.0	-87.55	27.2	-228.5	155.3	145.1	10.20	15.227		
1,600.0	1,582.4	1,602.7	1,561.9	4.9	6.7	-83.55	45.9	-255.8	164.6	153.5	11.14	14.774		
1,700.0	1,680.2	1,701.6	1,655.1	5.4	7.4	-79.99	64.6	-283.0	174.7	162.6	12.06	14.489		
1,800.0	1,778.0	1,800.6	1,748.4	5.8	8.0	-76.82	83.3	-310.3	185.4	172.4	12.94	14.323		
1,900.0	1,875.8	1,899.5	1,841.6	6.3	8.7	-74.00	101.9	-337.6	196.5	182.7	13.80	14.242		
2,000.0	1,973.6	1,998.4	1,934.9	6.7	9.4	-71.49	120.6	-364.8	208.1	193.5	14.64	14.221		
2,100.0	2,071.4	2,097.3	2,028.1	7.2	10.1	-69.24	139.3	-392.1	220.1	204.6	15.45	14.242		
2,200.0	2,169.2	2,196.3	2,121.4	7.6	10.8	-67.23	158.0	-419.4	232.3	216.1	16.26	14.293		
2,300.0	2,267.0	2,295.2	2,214.6	8.1	11.5	-65.42	176.6	-446.6	244.9	227.8	17.04	14.366		
2,400.0	2,364.7	2,394.1	2,307.9	8.5	12.2	-63.79	195.3	-473.9	257.6	239.8	17.82	14.453		
2,500.0	2,462.5	2,493.1	2,401.1	9.0	12.9	-62.31	214.0	-501.1	270.5	251.9	18.59	14.550		
2,600.0	2,560.3	2,592.0	2,494.4	9.4	13.5	-60.96	232.7	-528.4	283.6	264.2	19.35	14.654		
2,700.0	2,658.1	2,690.9	2,587.6	9.9	14.2	-59.74	251.3	-555.7	296.8	276.7	20.11	14.761		
2,800.0	2,755.9	2,789.9	2,680.9	10.3	14.9	-58.62	270.0	-582.9	310.2	289.3	20.86	14.871		
2,900.0	2,853.7	2,888.8	2,774.1	10.8	15.6	-57.59	288.7	-610.2	323.6	302.0	21.60	14.980		
3,000.0	2,951.5	2,987.7	2,867.3	11.2	16.3	-56.64	307.4	-637.5	337.1	314.8	22.34	15.089		
3,100.0	3,049.3	3,086.7	2,960.6	11.7	17.0	-55.77	326.0	-664.7	350.8	327.7	23.08	15.197		
3,200.0	3,147.1	3,185.6	3,053.8	12.1	17.7	-54.96	344.7	-692.0	364.5	340.7	23.82	15.303		
3,300.0	3,244.9	3,284.5	3,147.1	12.6	18.4	-54.21	363.4	-719.2	378.2	353.7	24.55	15.406		
3,400.0	3,342.7	3,383.4	3,240.3	13.0	19.1	-53.51	382.1	-746.5	392.1	366.8	25.28	15.507		
3,500.0	3,440.5	3,482.4	3,333.6	13.5	19.8	-52.86	400.7	-773.8	406.0	379.9	26.01	15.606		
3,600.0	3,538.3	3,581.3	3,426.8	13.9	20.5	-52.26	419.4	-801.0	419.9	393.1	26.74	15.702		
3,700.0	3,636.1	3,680.2	3,520.1	14.4	21.2	-51.69	438.1	-828.3	433.9	406.4	27.47	15.794		
3,800.0	3,733.9	3,779.2	3,613.3	14.9	21.9	-51.16	456.8	-855.6	447.9	419.7	28.20	15.884		
3,900.0	3,831.7	3,878.1	3,706.6	15.3	22.6	-50.66	475.4	-882.8	461.9	433.0	28.92	15.971		
4,000.0	3,929.5	3,977.0	3,799.8	15.8	23.2	-50.19	494.1	-910.1	476.0	446.4	29.65	16.056		
4,100.0	4,027.3	4,076.0	3,893.1	16.2	23.9	-49.74	512.8	-937.3	490.1	459.7	30.37	16.138		
4,200.0	4,125.0	4,174.9	3,986.3	16.7	24.6	-49.33	531.5	-964.6	504.2	473.1	31.09	16.217		
4,300.0	4,222.8	4,273.8	4,079.6	17.1	25.3	-48.93	550.1	-991.9	518.4	486.6	31.82	16.293		
4,400.0	4,320.6	4,372.7	4,172.8	17.6	26.0	-48.56	568.8	-1,019.1	532.6	500.0	32.54	16.367		
4,500.0	4,418.4	4,471.7	4,266.1	18.0	26.7	-48.20	587.5	-1,046.4	546.8	513.5	33.26	16.439		
4,600.0	4,516.2	4,570.6	4,359.3	18.5	27.4	-47.86	606.2	-1,073.7	561.0	527.0	33.98	16.508		
4,700.0	4,614.0	4,669.5	4,452.6	18.9	28.1	-47.54	624.9	-1,100.9	575.3	540.6	34.71	16.575		
4,800.0	4,711.8	4,768.5	4,545.8	19.4	28.8	-47.24	643.5	-1,128.2	589.5	554.1	35.43	16.640		
4,900.0	4,809.6	4,867.4	4,639.1	19.9	29.5	-46.95	662.2	-1,155.4	603.8	567.6	36.15	16.703		

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte 31-34-26HNC - Wellbore #1 - Plan													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,000.0	4,907.4	4,966.3	4,732.3	20.3	30.2	-46.67	680.9	-1,182.7	618.1	581.2	36.87	16.763		
5,100.0	5,005.2	5,085.3	4,845.1	20.8	30.9	-46.45	702.3	-1,213.9	631.0	593.4	37.62	16.773		
5,200.0	5,103.0	5,207.8	4,962.8	21.2	31.4	-46.48	721.5	-1,242.0	640.4	601.9	38.43	16.665		
5,300.9	5,201.7	5,332.1	5,083.5	21.7	31.9	-46.77	738.1	-1,266.2	646.2	606.9	39.30	16.443		
5,400.0	5,298.9	5,454.3	5,203.4	22.1	32.3	-47.20	751.5	-1,285.8	649.5	609.4	40.08	16.205		
5,500.0	5,397.7	5,577.7	5,325.4	22.3	32.7	-47.60	762.1	-1,301.3	651.6	610.8	40.73	15.997		
5,600.0	5,496.9	5,701.1	5,448.0	22.6	33.0	-47.95	769.8	-1,312.4	652.4	611.1	41.29	15.802		
5,700.0	5,596.5	5,824.5	5,571.1	22.8	33.2	-48.26	774.4	-1,319.2	652.1	610.3	41.74	15.623		
5,800.0	5,696.4	5,947.7	5,694.3	23.0	33.3	-48.53	776.0	-1,321.6	650.4	608.4	42.09	15.452		
5,903.7	5,800.0	6,052.4	5,799.0	23.1	33.4	-89.68	776.0	-1,321.6	649.2	606.5	42.72	15.197		
6,000.0	5,896.3	6,148.8	5,895.3	23.2	33.4	-89.68	776.0	-1,321.6	649.2	606.3	42.95	15.115		
6,045.8	5,942.1	6,194.6	5,941.1	23.2	33.5	-89.68	776.0	-1,321.6	649.2	606.1	43.07	15.075		
6,050.0	5,946.3	6,198.7	5,945.3	23.3	33.5	89.38	776.0	-1,321.6	649.2	606.5	42.67	15.216		
6,100.0	5,996.2	6,248.0	5,994.5	23.3	33.5	89.39	773.3	-1,321.6	649.2	606.5	42.72	15.197		
6,150.0	6,045.6	6,297.4	6,043.3	23.3	33.5	89.39	765.9	-1,321.8	649.2	606.5	42.67	15.216		
6,200.0	6,094.1	6,346.7	6,091.2	23.2	33.4	89.41	754.0	-1,322.0	649.2	606.7	42.51	15.271		
6,250.0	6,141.1	6,396.1	6,137.7	23.1	33.4	89.43	737.5	-1,322.2	649.2	606.9	42.26	15.361		
6,300.0	6,186.4	6,445.5	6,182.5	23.0	33.2	89.45	716.7	-1,322.6	649.2	607.3	41.93	15.483		
6,350.0	6,229.3	6,494.9	6,225.1	22.8	33.1	89.48	691.8	-1,323.0	649.2	607.7	41.52	15.634		
6,400.0	6,269.7	6,544.4	6,265.3	22.6	33.0	89.52	662.9	-1,323.5	649.2	608.1	41.06	15.811		
6,450.0	6,307.0	6,593.9	6,302.5	22.4	32.8	89.56	630.3	-1,324.0	649.2	608.6	40.55	16.009		
6,500.0	6,340.9	6,643.4	6,336.5	22.2	32.6	89.60	594.3	-1,324.6	649.2	609.2	40.02	16.222		
6,550.0	6,371.2	6,693.0	6,366.9	21.9	32.4	89.65	555.2	-1,325.2	649.2	609.7	39.48	16.445		
6,600.0	6,397.5	6,742.7	6,393.5	21.7	32.2	89.70	513.3	-1,325.9	649.2	610.2	38.94	16.671		
6,650.0	6,419.7	6,792.4	6,416.1	21.4	32.0	89.75	469.1	-1,326.6	649.2	610.7	38.43	16.892		
6,700.0	6,437.4	6,842.1	6,434.3	21.2	31.7	89.80	422.8	-1,327.4	649.2	611.2	37.96	17.100		
6,750.0	6,450.6	6,891.9	6,448.1	20.9	31.5	89.86	374.9	-1,328.2	649.2	611.6	37.55	17.286		
6,800.0	6,459.1	6,941.8	6,457.2	20.7	31.3	89.92	325.9	-1,329.0	649.2	612.0	37.21	17.445		
6,838.6	6,462.4	6,980.3	6,461.0	20.5	31.1	89.97	287.6	-1,329.6	649.2	612.2	37.01	17.541		
6,850.0	6,462.8	6,991.8	6,461.6	20.5	31.1	89.98	276.2	-1,329.8	649.2	612.2	36.95	17.569		
6,864.0	6,463.0	7,005.7	6,462.0	20.4	31.0	90.00	262.2	-1,330.0	649.2	612.3	36.89	17.598		
6,900.0	6,463.0	7,041.8	6,462.0	20.3	30.9	90.00	226.2	-1,330.6	649.2	612.4	36.79	17.645		
6,964.0	6,463.0	7,105.7	6,462.0	20.0	30.7	90.00	162.2	-1,331.7	649.2	612.5	36.70	17.688		
6,964.0	6,463.0	7,105.7	6,462.0	20.0	30.7	90.00	162.2	-1,331.7	649.2	612.5	36.70	17.688		
6,964.0	6,463.0	7,105.7	6,462.0	20.0	30.7	90.00	162.2	-1,331.7	649.2	612.5	36.70	17.688		
7,000.0	6,463.0	7,141.8	6,462.0	19.9	30.5	90.00	126.2	-1,332.2	649.2	612.4	36.75	17.666		
7,100.0	6,463.0	7,241.8	6,462.0	19.6	30.3	90.00	26.2	-1,333.9	649.2	612.1	37.11	17.493		
7,200.0	6,463.0	7,341.8	6,462.0	19.4	30.0	90.00	-73.7	-1,335.5	649.2	611.3	37.85	17.151		
7,300.0	6,463.0	7,441.8	6,462.0	19.5	29.9	90.00	-173.7	-1,337.2	649.2	610.2	38.96	16.664		
7,400.0	6,463.0	7,541.8	6,462.0	20.1	29.8	90.00	-273.7	-1,338.8	649.2	608.8	40.40	16.068		
7,500.0	6,463.0	7,641.8	6,462.0	21.1	29.8	90.00	-373.7	-1,340.4	649.2	607.1	42.13	15.409		
7,600.0	6,463.0	7,741.8	6,462.0	22.3	30.0	90.00	-473.7	-1,342.1	649.2	605.1	44.13	14.710		
7,700.0	6,463.0	7,841.8	6,462.0	23.6	30.3	90.00	-573.7	-1,343.7	649.2	602.8	46.36	14.002		
7,800.0	6,463.0	7,941.8	6,462.0	24.9	30.8	90.00	-673.7	-1,345.4	649.2	600.4	48.79	13.305		
7,900.0	6,463.0	8,041.8	6,462.0	26.3	31.5	90.00	-773.6	-1,347.0	649.2	597.8	51.39	12.632		
8,000.0	6,463.0	8,141.8	6,462.0	27.7	32.3	90.00	-873.6	-1,348.6	649.2	595.0	54.14	11.991		
8,100.0	6,463.0	8,241.8	6,462.0	29.2	33.4	90.00	-973.6	-1,350.3	649.2	592.2	57.01	11.387		
8,200.0	6,463.0	8,341.8	6,462.0	30.8	34.5	90.00	-1,073.6	-1,351.9	649.2	589.2	59.99	10.822		
8,300.0	6,463.0	8,441.8	6,462.0	32.4	35.7	90.00	-1,173.6	-1,353.5	649.2	586.1	63.06	10.295		
8,400.0	6,463.0	8,541.8	6,462.0	34.0	37.1	90.00	-1,273.6	-1,355.2	649.2	583.0	66.21	9.805		
8,500.0	6,463.0	8,641.8	6,462.0	35.6	38.5	90.00	-1,373.6	-1,356.8	649.2	579.8	69.43	9.351		

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte 31-34-26HNC - Wellbore #1 - Plan													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,600.0	6,463.0	8,741.8	6,462.0	37.3	39.9	90.00	-1,473.5	-1,358.5	649.2	576.5	72.70	8.929		
8,700.0	6,463.0	8,841.8	6,462.0	38.9	41.4	90.00	-1,573.5	-1,360.1	649.2	573.2	76.03	8.538		
8,800.0	6,463.0	8,941.8	6,462.0	40.6	43.0	90.00	-1,673.5	-1,361.7	649.2	569.8	79.41	8.176		
8,900.0	6,463.0	9,041.8	6,462.0	42.4	44.5	90.00	-1,773.5	-1,363.4	649.2	566.4	82.82	7.839		
9,000.0	6,463.0	9,141.8	6,462.0	44.1	46.1	90.00	-1,873.5	-1,365.0	649.2	562.9	86.27	7.525		
9,100.0	6,463.0	9,241.8	6,462.0	45.8	47.7	90.00	-1,973.5	-1,366.7	649.2	559.4	89.75	7.233		
9,200.0	6,463.0	9,341.8	6,462.0	47.6	49.4	90.00	-2,073.5	-1,368.3	649.2	555.9	93.26	6.961		
9,300.0	6,463.0	9,441.8	6,462.0	49.4	51.1	90.00	-2,173.5	-1,369.9	649.2	552.4	96.79	6.707		
9,400.0	6,463.0	9,541.8	6,462.0	51.1	52.7	90.00	-2,273.4	-1,371.6	649.2	548.9	100.34	6.470		
9,500.0	6,463.0	9,641.8	6,462.0	52.9	54.4	90.00	-2,373.4	-1,373.2	649.2	545.3	103.92	6.247		
9,600.0	6,463.0	9,741.8	6,462.0	54.7	56.1	90.00	-2,473.4	-1,374.9	649.2	541.7	107.51	6.039		
9,700.0	6,463.0	9,841.8	6,462.0	56.5	57.9	90.00	-2,573.4	-1,376.5	649.2	538.1	111.12	5.842		
9,800.0	6,463.0	9,941.8	6,462.0	58.3	59.6	90.00	-2,673.4	-1,378.1	649.2	534.5	114.74	5.658		
9,900.0	6,463.0	10,041.8	6,462.0	60.2	61.3	90.00	-2,773.4	-1,379.8	649.2	530.8	118.37	5.484		
10,000.0	6,463.0	10,141.8	6,462.0	62.0	63.1	90.00	-2,873.4	-1,381.4	649.2	527.2	122.02	5.320		
10,100.0	6,463.0	10,241.8	6,462.0	63.8	64.9	90.00	-2,973.3	-1,383.0	649.2	523.5	125.68	5.165		
10,200.0	6,463.0	10,341.8	6,462.0	65.6	66.6	90.00	-3,073.3	-1,384.7	649.2	519.9	129.35	5.019		
10,300.0	6,463.0	10,441.8	6,462.0	67.5	68.4	90.00	-3,173.3	-1,386.3	649.2	516.2	133.03	4.880		
10,400.0	6,463.0	10,541.8	6,462.0	69.3	70.2	90.00	-3,273.3	-1,388.0	649.2	512.5	136.71	4.749		
10,500.0	6,463.0	10,641.8	6,462.0	71.2	72.0	90.00	-3,373.3	-1,389.6	649.2	508.8	140.41	4.624		
10,600.0	6,463.0	10,741.8	6,462.0	73.0	73.8	90.00	-3,473.3	-1,391.2	649.2	505.1	144.11	4.505		
10,700.0	6,463.0	10,841.8	6,462.0	74.9	75.6	90.00	-3,573.3	-1,392.9	649.2	501.4	147.82	4.392		
10,800.0	6,463.0	10,941.8	6,462.0	76.7	77.4	90.00	-3,673.3	-1,394.5	649.2	497.7	151.53	4.284		
10,900.0	6,463.0	11,041.8	6,462.0	78.6	79.2	90.00	-3,773.2	-1,396.2	649.2	494.0	155.25	4.182		
11,000.0	6,463.0	11,141.8	6,462.0	80.4	81.0	90.00	-3,873.2	-1,397.8	649.2	490.2	158.97	4.084		
11,058.0	6,463.0	11,199.7	6,462.0	81.5	82.1	90.00	-3,931.2	-1,398.7	649.2	488.1	161.13	4.029 SF		

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte 41-44-26HNC - Wellbore #1 - Plan													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	1.0	1.0	0.0	0.0	0.00	21.9	0.0	21.9	21.9	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	0.00	21.9	0.0	21.9	21.6	0.23	96.270		
166.3	166.3	167.3	167.3	0.3	0.3	0.00	21.9	0.0	21.9	21.3	0.53	41.613 CC		
200.0	200.0	201.0	201.0	0.3	0.3	0.00	21.9	0.0	21.9	21.2	0.68	32.303 ES		
300.0	300.0	300.0	300.0	0.6	0.6	-0.13	23.6	-0.1	23.6	22.5	1.13	20.990		
400.0	400.0	399.2	399.0	0.8	0.8	-0.43	28.8	-0.2	28.8	27.3	1.58	18.222		
500.0	500.0	497.8	497.2	1.0	1.0	41.98	37.3	-0.5	36.2	34.2	2.04	17.765		
600.0	599.8	596.0	594.7	1.2	1.3	45.58	49.2	-0.8	44.5	42.0	2.49	17.830		
700.0	699.5	695.2	692.9	1.5	1.6	50.42	63.5	-1.3	53.0	50.0	2.97	17.827		
800.0	798.7	794.8	791.4	1.7	1.9	56.57	78.0	-1.7	59.9	56.4	3.49	17.184		
900.0	897.5	894.2	889.8	2.1	2.3	64.05	92.5	-2.2	65.8	61.7	4.07	16.172		
1,002.8	998.3	996.3	990.8	2.4	2.6	73.06	107.3	-2.7	71.7	66.9	4.76	15.045		
1,100.0	1,093.4	1,092.6	1,086.1	2.8	2.9	81.50	121.3	-3.1	78.4	72.9	5.50	14.261		
1,200.0	1,191.2	1,191.7	1,184.1	3.2	3.3	88.68	135.7	-3.5	86.8	80.6	6.27	13.841		
1,300.0	1,289.0	1,290.8	1,282.2	3.6	3.6	94.53	150.1	-4.0	96.4	89.3	7.05	13.668		
1,400.0	1,386.8	1,389.9	1,380.2	4.1	4.0	99.29	164.5	-4.4	106.7	98.9	7.82	13.646		
1,500.0	1,484.6	1,489.0	1,478.3	4.5	4.3	103.19	179.0	-4.9	117.7	109.1	8.58	13.712		
1,600.0	1,582.4	1,588.1	1,576.3	4.9	4.6	106.42	193.4	-5.3	129.1	119.7	9.33	13.828		
1,700.0	1,680.2	1,687.3	1,674.4	5.4	5.0	109.13	207.8	-5.8	140.8	130.7	10.08	13.971		
1,800.0	1,778.0	1,786.4	1,772.4	5.8	5.3	111.41	222.2	-6.2	152.8	142.0	10.82	14.127		
1,900.0	1,875.8	1,885.5	1,870.5	6.3	5.7	113.36	236.6	-6.7	165.0	153.5	11.55	14.287		
2,000.0	1,973.6	1,984.6	1,968.5	6.7	6.0	115.04	251.0	-7.1	177.4	165.1	12.28	14.446		
2,100.0	2,071.4	2,083.7	2,066.6	7.2	6.4	116.50	265.4	-7.6	189.9	176.9	13.00	14.601		
2,200.0	2,169.2	2,182.8	2,164.7	7.6	6.7	117.78	279.9	-8.0	202.5	188.8	13.73	14.750		
2,300.0	2,267.0	2,281.9	2,262.7	8.1	7.0	118.91	294.3	-8.5	215.2	200.7	14.45	14.893		
2,400.0	2,364.7	2,381.0	2,360.8	8.5	7.4	119.91	308.7	-8.9	227.9	212.8	15.17	15.029		
2,500.0	2,462.5	2,480.1	2,458.8	9.0	7.7	120.81	323.1	-9.4	240.8	224.9	15.88	15.158		
2,600.0	2,560.3	2,579.2	2,556.9	9.4	8.1	121.61	337.5	-9.8	253.7	237.1	16.60	15.280		
2,700.0	2,658.1	2,678.3	2,654.9	9.9	8.4	122.34	351.9	-10.3	266.6	249.3	17.32	15.395		
2,800.0	2,755.9	2,777.4	2,753.0	10.3	8.8	123.00	366.3	-10.7	279.5	261.5	18.03	15.504		
2,900.0	2,853.7	2,876.5	2,851.0	10.8	9.1	123.60	380.8	-11.1	292.5	273.8	18.74	15.608		
3,000.0	2,951.5	2,975.6	2,949.1	11.2	9.5	124.15	395.2	-11.6	305.6	286.1	19.46	15.706		
3,100.0	3,049.3	3,074.7	3,047.1	11.7	9.8	124.66	409.6	-12.0	318.6	298.5	20.17	15.798		
3,200.0	3,147.1	3,173.9	3,145.2	12.1	10.1	125.12	424.0	-12.5	331.7	310.8	20.88	15.886		
3,300.0	3,244.9	3,273.0	3,243.2	12.6	10.5	125.55	438.4	-12.9	344.8	323.2	21.59	15.969		
3,400.0	3,342.7	3,372.1	3,341.3	13.0	10.8	125.95	452.8	-13.4	357.9	335.6	22.30	16.048		
3,500.0	3,440.5	3,471.2	3,439.3	13.5	11.2	126.32	467.2	-13.8	371.0	348.0	23.01	16.123		
3,600.0	3,538.3	3,570.3	3,537.4	13.9	11.5	126.67	481.6	-14.3	384.2	360.5	23.72	16.195		
3,700.0	3,636.1	3,669.4	3,635.4	14.4	11.9	126.99	496.1	-14.7	397.3	372.9	24.43	16.262		
3,800.0	3,733.9	3,768.5	3,733.5	14.9	12.2	127.29	510.5	-15.2	410.5	385.4	25.14	16.327		
3,900.0	3,831.7	3,867.6	3,831.5	15.3	12.6	127.58	524.9	-15.6	423.7	397.8	25.85	16.389		
4,000.0	3,929.5	3,966.7	3,929.6	15.8	12.9	127.84	539.3	-16.1	436.9	410.3	26.56	16.448		
4,100.0	4,027.3	4,065.8	4,027.6	16.2	13.2	128.09	553.7	-16.5	450.1	422.8	27.27	16.504		
4,200.0	4,125.0	4,164.9	4,125.7	16.7	13.6	128.33	568.1	-17.0	463.3	435.3	27.98	16.557		
4,300.0	4,222.8	4,264.0	4,223.7	17.1	13.9	128.55	582.5	-17.4	476.5	447.8	28.69	16.609		
4,400.0	4,320.6	4,363.1	4,321.8	17.6	14.3	128.76	597.0	-17.9	489.7	460.3	29.40	16.658		
4,500.0	4,418.4	4,462.2	4,419.8	18.0	14.6	128.96	611.4	-18.3	502.9	472.8	30.11	16.705		
4,600.0	4,516.2	4,561.3	4,517.9	18.5	15.0	129.15	625.8	-18.8	516.2	485.4	30.82	16.750		
4,700.0	4,614.0	4,660.5	4,616.0	18.9	15.3	129.33	640.2	-19.2	529.4	497.9	31.52	16.794		
4,800.0	4,711.8	4,759.6	4,714.0	19.4	15.7	129.51	654.6	-19.7	542.6	510.4	32.23	16.835		
4,900.0	4,809.6	4,858.7	4,812.1	19.9	16.0	129.67	669.0	-20.1	555.9	522.9	32.94	16.875		

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



<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte 41-44-26HNC - Wellbore #1 - Plan												Offset Site Error:	0.0 ft
Survey Program: 0-MWD												Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,907.4	4,957.8	4,910.1	20.3	16.3	129.83	683.4	-20.6	569.1	535.5	33.65	16.914	
5,100.0	5,005.2	5,056.9	5,008.2	20.8	16.7	129.97	697.9	-21.0	582.4	548.0	34.36	16.951	
5,200.0	5,103.0	5,156.0	5,106.2	21.2	17.0	130.12	712.3	-21.4	595.6	560.6	35.07	16.987	
5,300.9	5,201.7	5,256.0	5,205.1	21.7	17.4	130.25	726.8	-21.9	609.0	573.2	35.78	17.021	
5,400.0	5,298.9	5,354.2	5,302.4	22.1	17.7	130.45	741.0	-22.3	621.1	584.6	36.46	17.036	
5,500.0	5,397.7	5,453.1	5,400.5	22.3	18.0	130.59	753.1	-22.7	631.1	594.1	36.99	17.058	
5,600.0	5,496.9	5,552.2	5,499.2	22.6	18.2	130.76	761.7	-23.0	638.9	601.4	37.43	17.067	
5,700.0	5,596.5	5,651.4	5,598.2	22.8	18.4	130.97	766.9	-23.1	644.5	606.7	37.79	17.057	
5,800.0	5,696.4	5,750.5	5,697.4	23.0	18.5	131.22	768.8	-23.2	648.0	609.9	38.06	17.027	
5,903.7	5,800.0	5,854.2	5,801.0	23.1	18.7	90.32	768.8	-23.2	649.2	610.8	38.44	16.890	
6,000.0	5,896.3	5,950.5	5,897.3	23.2	18.8	90.32	768.8	-23.2	649.2	610.5	38.70	16.774	
6,045.8	5,942.1	5,996.3	5,943.1	23.2	18.9	90.32	768.8	-23.2	649.2	610.4	38.83	16.718	
6,050.0	5,946.3	6,000.6	5,947.4	23.3	18.9	-90.62	768.7	-23.2	649.2	610.5	38.71	16.772	
6,100.0	5,996.2	6,051.2	5,998.0	23.3	18.9	-90.61	765.9	-23.2	649.2	610.4	38.77	16.746	
6,150.0	6,045.6	6,101.9	6,048.0	23.3	18.9	-90.60	758.1	-23.4	649.2	610.5	38.73	16.764	
6,200.0	6,094.1	6,152.6	6,097.1	23.2	18.8	-90.59	745.5	-23.6	649.2	610.6	38.58	16.826	
6,250.0	6,141.1	6,203.2	6,144.6	23.1	18.7	-90.57	728.2	-23.9	649.2	610.9	38.35	16.930	
6,300.0	6,186.4	6,253.8	6,190.3	23.0	18.5	-90.54	706.4	-24.2	649.2	611.2	38.03	17.072	
6,350.0	6,229.3	6,304.4	6,233.6	22.8	18.4	-90.51	680.3	-24.6	649.2	611.6	37.64	17.249	
6,400.0	6,269.7	6,354.9	6,274.1	22.6	18.1	-90.48	650.1	-25.1	649.2	612.0	37.19	17.456	
6,450.0	6,307.0	6,405.4	6,311.5	22.4	17.9	-90.44	616.2	-25.7	649.2	612.5	36.71	17.687	
6,500.0	6,340.9	6,455.9	6,345.4	22.2	17.6	-90.39	578.8	-26.3	649.2	613.0	36.20	17.934	
6,550.0	6,371.2	6,506.3	6,375.5	21.9	17.4	-90.35	538.4	-27.0	649.2	613.5	35.69	18.191	
6,600.0	6,397.5	6,556.6	6,401.5	21.7	17.2	-90.30	495.4	-27.7	649.2	614.0	35.19	18.447	
6,650.0	6,419.7	6,606.9	6,423.2	21.4	16.9	-90.24	450.0	-28.4	649.2	614.4	34.73	18.691	
6,700.0	6,437.4	6,657.2	6,440.4	21.2	16.7	-90.19	402.9	-29.2	649.2	614.9	34.32	18.914	
6,750.0	6,450.6	6,707.3	6,453.0	20.9	16.6	-90.13	354.3	-30.0	649.2	615.2	33.98	19.104	
6,800.0	6,459.1	6,757.4	6,460.9	20.7	16.5	-90.07	304.9	-30.8	649.2	615.5	33.72	19.253	
6,831.7	6,462.0	6,789.2	6,463.4	20.6	16.4	-90.03	273.3	-31.3	649.2	615.6	33.60	19.319	
6,850.0	6,462.8	6,807.5	6,464.0	20.5	16.4	-90.01	255.0	-31.6	649.2	615.6	33.54	19.354	
6,864.0	6,463.0	6,821.5	6,464.0	20.4	16.4	-90.00	241.0	-31.8	649.2	615.7	33.52	19.370	
6,900.0	6,463.0	6,857.5	6,464.0	20.3	16.4	-90.00	205.0	-32.4	649.2	615.7	33.49	19.386	
6,964.0	6,463.0	6,921.5	6,464.0	20.0	16.4	-90.00	141.0	-33.5	649.2	615.6	33.54	19.358	
6,964.0	6,463.0	6,921.5	6,464.0	20.0	16.4	-90.00	141.0	-33.5	649.2	615.6	33.54	19.358	
6,964.0	6,463.0	6,921.5	6,464.0	20.0	16.4	-90.00	141.0	-33.5	649.2	615.6	33.54	19.358	
7,000.0	6,463.0	6,957.5	6,464.0	19.9	16.5	-90.00	105.0	-34.1	649.2	615.5	33.66	19.284	
7,100.0	6,463.0	7,057.5	6,464.0	19.6	16.9	-90.00	5.0	-35.7	649.2	614.9	34.28	18.939	
7,200.0	6,463.0	7,157.5	6,464.0	19.4	17.4	-90.00	-95.0	-37.3	649.2	613.9	35.29	18.395	
7,300.0	6,463.0	7,257.5	6,464.0	19.5	18.1	-90.00	-195.0	-39.0	649.2	612.5	36.68	17.699	
7,400.0	6,463.0	7,357.5	6,464.0	20.1	19.0	-90.00	-295.0	-40.6	649.2	610.8	38.40	16.906	
7,500.0	6,463.0	7,457.5	6,464.0	21.1	20.1	-90.00	-395.0	-42.3	649.2	608.8	40.41	16.065	
7,600.0	6,463.0	7,557.5	6,464.0	22.3	21.2	-90.00	-494.9	-43.9	649.2	606.5	42.67	15.213	
7,700.0	6,463.0	7,657.5	6,464.0	23.6	22.5	-90.00	-594.9	-45.5	649.2	604.0	45.15	14.380	
7,800.0	6,463.0	7,757.5	6,464.0	24.9	23.9	-90.00	-694.9	-47.2	649.2	601.4	47.80	13.582	
7,900.0	6,463.0	7,857.5	6,464.0	26.3	25.3	-90.00	-794.9	-48.8	649.2	598.6	50.60	12.829	
8,000.0	6,463.0	7,957.5	6,464.0	27.7	26.8	-90.00	-894.9	-50.4	649.2	595.7	53.54	12.126	
8,100.0	6,463.0	8,057.5	6,464.0	29.2	28.3	-90.00	-994.9	-52.1	649.2	592.6	56.58	11.475	
8,200.0	6,463.0	8,157.5	6,464.0	30.8	29.9	-90.00	-1,094.9	-53.7	649.2	589.5	59.71	10.873	
8,300.0	6,463.0	8,257.5	6,464.0	32.4	31.5	-90.00	-1,194.9	-55.3	649.2	586.3	62.91	10.319	
8,400.0	6,463.0	8,357.5	6,464.0	34.0	33.2	-90.00	-1,294.8	-57.0	649.2	583.0	66.19	9.808	
8,500.0	6,463.0	8,457.5	6,464.0	35.6	34.8	-90.00	-1,394.8	-58.6	649.2	579.7	69.52	9.338	

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte 41-44-26HNC - Wellbore #1 - Plan													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,600.0	6,463.0	8,557.5	6,464.0	37.3	36.5	-90.00	-1,494.8	-60.3	649.2	576.3	72.90	8.905		
8,700.0	6,463.0	8,657.5	6,464.0	38.9	38.3	-90.00	-1,594.8	-61.9	649.2	572.9	76.33	8.505		
8,800.0	6,463.0	8,757.5	6,464.0	40.6	40.0	-90.00	-1,694.8	-63.5	649.2	569.4	79.79	8.137		
8,900.0	6,463.0	8,857.5	6,464.0	42.4	41.8	-90.00	-1,794.8	-65.2	649.2	565.9	83.28	7.795		
9,000.0	6,463.0	8,957.5	6,464.0	44.1	43.5	-90.00	-1,894.8	-66.8	649.2	562.4	86.80	7.479		
9,100.0	6,463.0	9,057.5	6,464.0	45.8	45.3	-90.00	-1,994.7	-68.4	649.2	558.8	90.35	7.185		
9,200.0	6,463.0	9,157.5	6,464.0	47.6	47.1	-90.00	-2,094.7	-70.1	649.2	555.3	93.92	6.912		
9,300.0	6,463.0	9,257.5	6,464.0	49.4	48.9	-90.00	-2,194.7	-71.7	649.2	551.7	97.51	6.658		
9,400.0	6,463.0	9,357.5	6,464.0	51.1	50.7	-90.00	-2,294.7	-73.4	649.2	548.1	101.12	6.420		
9,500.0	6,463.0	9,457.5	6,464.0	52.9	52.5	-90.00	-2,394.7	-75.0	649.2	544.5	104.74	6.198		
9,600.0	6,463.0	9,557.5	6,464.0	54.7	54.4	-90.00	-2,494.7	-76.6	649.2	540.8	108.38	5.990		
9,700.0	6,463.0	9,657.5	6,464.0	56.5	56.2	-90.00	-2,594.7	-78.3	649.2	537.2	112.03	5.795		
9,800.0	6,463.0	9,757.5	6,464.0	58.3	58.0	-90.00	-2,694.7	-79.9	649.2	533.5	115.69	5.612		
9,900.0	6,463.0	9,857.5	6,464.0	60.2	59.9	-90.00	-2,794.6	-81.5	649.2	529.8	119.36	5.439		
10,000.0	6,463.0	9,957.5	6,464.0	62.0	61.7	-90.00	-2,894.6	-83.2	649.2	526.2	123.04	5.276		
10,100.0	6,463.0	10,057.5	6,464.0	63.8	63.6	-90.00	-2,994.6	-84.8	649.2	522.5	126.73	5.123		
10,200.0	6,463.0	10,157.5	6,464.0	65.6	65.4	-90.00	-3,094.6	-86.4	649.2	518.8	130.43	4.977		
10,300.0	6,463.0	10,257.5	6,464.0	67.5	67.3	-90.00	-3,194.6	-88.1	649.2	515.1	134.14	4.840		
10,400.0	6,463.0	10,357.5	6,464.0	69.3	69.1	-90.00	-3,294.6	-89.7	649.2	511.4	137.85	4.709		
10,500.0	6,463.0	10,457.5	6,464.0	71.2	71.0	-90.00	-3,394.6	-91.4	649.2	507.6	141.57	4.586		
10,600.0	6,463.0	10,557.5	6,464.0	73.0	72.9	-90.00	-3,494.5	-93.0	649.2	503.9	145.30	4.468		
10,700.0	6,463.0	10,657.5	6,464.0	74.9	74.7	-90.00	-3,594.5	-94.6	649.2	500.2	149.03	4.356		
10,800.0	6,463.0	10,757.5	6,464.0	76.7	76.6	-90.00	-3,694.5	-96.3	649.2	496.4	152.77	4.250		
10,900.0	6,463.0	10,857.5	6,464.0	78.6	78.5	-90.00	-3,794.5	-97.9	649.2	492.7	156.51	4.148		
11,000.0	6,463.0	10,957.5	6,464.0	80.4	80.3	-90.00	-3,894.5	-99.5	649.2	489.0	160.25	4.051		
11,028.7	6,463.0	10,986.2	6,464.0	81.0	80.9	-90.00	-3,923.2	-100.0	649.2	487.9	161.33	4.024		
11,058.0	6,463.0	11,004.8	6,464.0	81.5	81.2	-90.00	-3,941.8	-100.3	649.3	487.1	162.22	4.002 SF		



<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte P31-T34-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-180.00	-18.2	0.0	18.2	18.2	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-180.00	-18.2	0.0	18.2	18.0	0.22	81.042	
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-180.00	-18.2	0.0	18.2	17.5	0.67	27.014	
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-180.00	-18.2	0.0	18.2	17.1	1.12	16.208	
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-180.00	-18.2	0.0	18.2	16.6	1.57	11.577 CC, ES	
500.0	500.0	500.0	500.0	1.0	1.0	-142.30	-142.30	-18.2	0.0	19.6	17.5	2.02	9.673	
600.0	599.8	599.8	599.8	1.2	1.2	-149.94	-149.94	-18.2	0.0	23.9	21.4	2.48	9.665	
700.0	699.5	700.3	700.3	1.5	1.5	-156.04	-156.04	-17.1	-1.4	30.3	27.4	2.92	10.368	
800.0	798.7	801.1	800.9	1.7	1.7	-159.04	-159.04	-13.9	-5.5	37.2	33.8	3.37	11.031	
900.0	897.5	902.1	901.5	2.1	1.9	-160.31	-160.31	-8.4	-12.5	44.4	40.6	3.83	11.580	
1,002.8	998.3	1,006.1	1,004.7	2.4	2.2	-160.52	-160.52	-0.4	-22.6	52.1	47.7	4.33	12.022	
1,100.0	1,093.4	1,104.7	1,102.1	2.8	2.5	-159.57	-159.57	9.2	-34.8	58.0	53.2	4.85	11.970	
1,200.0	1,191.2	1,206.4	1,201.9	3.2	2.8	-157.02	-157.02	21.4	-50.2	61.2	55.7	5.43	11.264	
1,300.0	1,289.0	1,308.1	1,300.9	3.6	3.2	-152.77	-152.77	35.7	-68.4	61.6	55.5	6.10	10.089	
1,400.0	1,386.8	1,409.5	1,398.8	4.1	3.7	-146.31	-146.31	52.1	-89.3	59.7	52.8	6.93	8.625	
1,500.0	1,484.6	1,509.5	1,494.6	4.5	4.2	-137.56	-137.56	69.9	-111.8	57.0	49.1	7.95	7.173	
1,600.0	1,582.4	1,609.1	1,589.9	4.9	4.8	-128.09	-128.09	87.7	-134.4	55.7	46.6	9.12	6.110	
1,634.6	1,616.2	1,643.5	1,622.8	5.1	5.0	-124.74	-124.74	93.8	-142.2	55.6	46.1	9.54	5.828	
1,700.0	1,680.2	1,708.6	1,685.2	5.4	5.3	-118.43	-118.43	105.4	-157.0	56.0	45.6	10.35	5.406	
1,800.0	1,778.0	1,808.2	1,780.5	5.8	5.9	-109.11	-109.11	123.2	-179.6	57.8	46.2	11.56	4.997	
1,900.0	1,875.8	1,907.7	1,875.8	6.3	6.4	-100.57	-100.57	141.0	-202.2	61.0	48.3	12.68	4.810	
2,000.0	1,973.6	2,007.3	1,971.1	6.7	7.0	-93.03	-93.03	158.8	-224.8	65.4	51.8	13.69	4.780	
2,100.0	2,071.4	2,106.8	2,066.4	7.2	7.6	-86.54	-86.54	176.6	-247.4	70.9	56.3	14.60	4.856	
2,200.0	2,169.2	2,206.4	2,161.7	7.6	8.2	-81.02	-81.02	194.4	-270.0	77.1	61.7	15.42	4.999	
2,300.0	2,267.0	2,305.9	2,257.0	8.1	8.8	-76.37	-76.37	212.2	-292.6	83.9	67.7	16.19	5.185	
2,400.0	2,364.7	2,405.5	2,352.3	8.5	9.4	-72.43	-72.43	230.0	-315.2	91.2	74.3	16.91	5.394	
2,500.0	2,462.5	2,505.0	2,447.6	9.0	10.0	-69.08	-69.08	247.8	-337.8	98.9	81.3	17.61	5.615	
2,600.0	2,560.3	2,604.6	2,542.9	9.4	10.6	-66.23	-66.23	265.6	-360.4	106.8	88.5	18.29	5.840	
2,700.0	2,658.1	2,704.1	2,638.3	9.9	11.2	-63.77	-63.77	283.4	-383.0	115.0	96.0	18.96	6.063	
2,800.0	2,755.9	2,803.7	2,733.6	10.3	11.7	-61.64	-61.64	301.2	-405.6	123.3	103.7	19.63	6.283	
2,900.0	2,853.7	2,903.3	2,828.9	10.8	12.3	-59.79	-59.79	319.0	-428.2	131.8	111.5	20.29	6.496	
3,000.0	2,951.5	3,002.8	2,924.2	11.2	12.9	-58.16	-58.16	336.8	-450.8	140.5	119.5	20.96	6.702	
3,100.0	3,049.3	3,102.4	3,019.5	11.7	13.5	-56.71	-56.71	354.6	-473.4	149.2	127.6	21.62	6.899	
3,200.0	3,147.1	3,201.9	3,114.8	12.1	14.1	-55.43	-55.43	372.4	-496.0	158.0	135.7	22.29	7.089	
3,300.0	3,244.9	3,301.5	3,210.1	12.6	14.7	-54.29	-54.29	390.2	-518.5	166.9	143.9	22.95	7.270	
3,400.0	3,342.7	3,401.0	3,305.4	13.0	15.3	-53.26	-53.26	408.0	-541.1	175.8	152.2	23.62	7.443	
3,500.0	3,440.5	3,500.6	3,400.7	13.5	15.9	-52.33	-52.33	425.7	-563.7	184.8	160.5	24.29	7.607	
3,600.0	3,538.3	3,600.1	3,496.0	13.9	16.5	-51.48	-51.48	443.5	-586.3	193.8	168.8	24.96	7.765	
3,700.0	3,636.1	3,699.7	3,591.3	14.4	17.1	-50.71	-50.71	461.3	-608.9	202.9	177.2	25.63	7.915	
3,800.0	3,733.9	3,799.2	3,686.6	14.9	17.7	-50.01	-50.01	479.1	-631.5	212.0	185.7	26.31	8.058	
3,900.0	3,831.7	3,898.8	3,782.0	15.3	18.3	-49.37	-49.37	496.9	-654.1	221.1	194.1	26.98	8.194	
4,000.0	3,929.5	3,998.3	3,877.3	15.8	18.9	-48.77	-48.77	514.7	-676.7	230.3	202.6	27.66	8.324	
4,100.0	4,027.3	4,097.9	3,972.6	16.2	19.5	-48.23	-48.23	532.5	-699.3	239.4	211.1	28.34	8.449	
4,200.0	4,125.0	4,197.4	4,067.9	16.7	20.2	-47.72	-47.72	550.3	-721.9	248.6	219.6	29.02	8.568	
4,300.0	4,222.8	4,297.0	4,163.2	17.1	20.8	-47.25	-47.25	568.1	-744.5	257.8	228.1	29.70	8.682	
4,400.0	4,320.6	4,396.5	4,258.5	17.6	21.4	-46.81	-46.81	585.9	-767.1	267.1	236.7	30.38	8.790	
4,500.0	4,418.4	4,496.1	4,353.8	18.0	22.0	-46.40	-46.40	603.7	-789.7	276.3	245.3	31.07	8.895	
4,600.0	4,516.2	4,595.6	4,449.1	18.5	22.6	-46.02	-46.02	621.5	-812.3	285.6	253.8	31.75	8.995	
4,700.0	4,614.0	4,695.2	4,544.4	18.9	23.2	-45.66	-45.66	639.3	-834.9	294.9	262.4	32.44	9.090	
4,800.0	4,711.8	4,794.8	4,639.7	19.4	23.8	-45.32	-45.32	657.1	-857.5	304.1	271.0	33.12	9.182	
4,900.0	4,809.6	4,894.3	4,735.0	19.9	24.4	-45.00	-45.00	674.9	-880.1	313.4	279.6	33.81	9.270	

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte P31-T34-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,907.4	4,993.9	4,830.3	20.3	25.0	-44.70		692.7	-902.7	322.7	288.2	34.50	9.355	
5,100.0	5,005.2	5,099.3	4,931.5	20.8	25.6	-44.47		711.1	-926.1	331.5	296.3	35.20	9.418	
5,200.0	5,103.0	5,209.8	5,038.5	21.2	26.0	-44.60		728.2	-947.8	337.5	301.5	35.96	9.384	
5,300.9	5,201.7	5,321.6	5,147.7	21.7	26.4	-45.13		742.8	-966.4	340.3	303.4	36.84	9.236	
5,400.0	5,298.9	5,431.3	5,255.7	22.1	26.8	-45.84		754.6	-981.4	341.1	303.4	37.66	9.057	
5,500.0	5,397.7	5,542.0	5,365.4	22.3	27.1	-46.50		764.0	-993.2	341.2	302.9	38.36	8.895	
5,600.0	5,496.9	5,652.5	5,475.4	22.6	27.3	-47.09		770.6	-1,001.7	340.7	301.7	38.97	8.741	
5,700.0	5,596.5	5,763.0	5,585.7	22.8	27.5	-47.63		774.7	-1,006.8	339.4	299.9	39.49	8.596	
5,800.0	5,696.4	5,873.3	5,696.0	23.0	27.6	-48.11		776.1	-1,008.6	337.5	297.6	39.91	8.455	
5,903.7	5,800.0	5,977.4	5,800.0	23.1	27.7	-89.37		776.1	-1,008.6	336.2	295.7	40.53	8.295	
5,941.5	5,837.8	6,015.2	5,837.8	23.1	27.7	-89.37		776.1	-1,008.6	336.2	295.6	40.63	8.276	
6,000.0	5,896.3	6,073.3	5,895.8	23.2	27.8	-89.98		772.5	-1,008.7	336.3	295.3	40.94	8.213	
6,045.8	5,942.1	6,117.8	5,939.7	23.2	27.7	-91.18		765.5	-1,008.8	336.4	295.0	41.40	8.126	
6,050.0	5,946.3	6,121.8	5,943.7	23.3	27.7	87.74		764.7	-1,008.8	336.5	295.3	41.12	8.182	
6,100.0	5,996.2	6,169.2	5,989.5	23.3	27.7	86.09		752.7	-1,008.9	337.0	295.3	41.66	8.088	
6,150.0	6,045.6	6,215.8	6,033.3	23.3	27.6	84.49		736.9	-1,009.2	337.7	295.7	42.07	8.029	
6,200.0	6,094.1	6,261.7	6,074.9	23.2	27.5	82.94		717.6	-1,009.4	338.7	296.4	42.32	8.005	
6,250.0	6,141.1	6,306.9	6,114.1	23.1	27.4	81.48		695.1	-1,009.8	339.9	297.5	42.40	8.017	
6,300.0	6,186.4	6,350.0	6,149.5	23.0	27.2	80.13		670.5	-1,010.1	341.2	298.9	42.30	8.065	
6,350.0	6,229.3	6,395.6	6,184.6	22.8	27.1	78.81		641.4	-1,010.5	342.6	300.5	42.04	8.148	
6,400.0	6,269.7	6,439.2	6,215.7	22.6	26.9	77.62		610.9	-1,010.9	344.0	302.4	41.62	8.265	
6,450.0	6,307.0	6,482.3	6,243.8	22.4	26.7	76.54		578.2	-1,011.4	345.4	304.4	41.05	8.414	
6,500.0	6,340.9	6,525.1	6,268.9	22.2	26.5	75.57		543.6	-1,011.9	346.8	306.4	40.37	8.589	
6,550.0	6,371.2	6,567.6	6,291.0	21.9	26.3	74.73		507.3	-1,012.4	348.0	308.4	39.60	8.788	
6,600.0	6,397.5	6,609.8	6,309.9	21.7	26.1	74.00		469.6	-1,013.0	349.1	310.4	38.79	9.000	
6,650.0	6,419.7	6,650.0	6,325.0	21.4	25.9	73.42		432.3	-1,013.5	350.1	312.1	37.98	9.218	
6,700.0	6,437.4	6,693.5	6,338.0	21.2	25.7	72.93		390.8	-1,014.1	350.9	313.7	37.20	9.431	
6,750.0	6,450.6	6,735.1	6,347.3	20.9	25.6	72.59		350.3	-1,014.7	351.4	314.9	36.51	9.625	
6,800.0	6,459.1	6,776.7	6,353.2	20.7	25.4	72.37		309.2	-1,015.2	351.7	315.8	35.94	9.786	
6,850.0	6,462.8	6,818.2	6,355.8	20.5	25.2	72.29		267.8	-1,015.8	351.8	316.3	35.51	9.907	
6,864.0	6,463.0	6,830.7	6,356.0	20.4	25.2	72.29		255.3	-1,016.0	351.8	316.3	35.42	9.932	
6,900.0	6,463.0	6,865.6	6,356.0	20.3	25.0	72.29		220.3	-1,016.5	351.7	316.3	35.42	9.928	
7,000.0	6,463.0	6,965.6	6,356.0	19.9	24.7	72.28		120.4	-1,017.9	351.5	315.8	35.67	9.853	
7,100.0	6,463.0	7,065.6	6,356.0	19.6	24.4	72.27		20.4	-1,019.3	351.3	315.0	36.30	9.676	
7,200.0	6,463.0	7,165.6	6,356.0	19.4	24.2	72.25		-79.6	-1,020.8	351.1	313.8	37.28	9.417	
7,300.0	6,463.0	7,265.6	6,356.0	19.5	24.2	72.24		-179.6	-1,022.2	350.9	312.3	38.58	9.094	
7,400.0	6,463.0	7,365.6	6,356.0	20.1	24.3	72.23		-279.6	-1,023.6	350.7	310.5	40.17	8.728	
7,500.0	6,463.0	7,465.6	6,356.0	21.1	24.6	72.22		-379.6	-1,025.0	350.4	308.4	42.03	8.337	
7,600.0	6,463.0	7,565.6	6,356.0	22.3	25.2	72.21		-479.6	-1,026.4	350.2	306.1	44.12	7.938	
7,700.0	6,463.0	7,665.6	6,356.0	23.6	26.0	72.20		-579.6	-1,027.9	350.0	303.6	46.40	7.543	
7,800.0	6,463.0	7,765.6	6,356.0	24.9	27.0	72.19		-679.6	-1,029.3	349.8	301.0	48.86	7.160	
7,900.0	6,463.0	7,865.6	6,356.0	26.3	28.2	72.18		-779.6	-1,030.7	349.6	298.2	51.46	6.794	
8,000.0	6,463.0	7,965.6	6,356.0	27.7	29.5	72.17		-879.5	-1,032.1	349.4	295.2	54.18	6.449	
8,100.0	6,463.0	8,065.6	6,356.0	29.2	30.9	72.16		-979.5	-1,033.6	349.2	292.2	57.01	6.125	
8,200.0	6,463.0	8,165.6	6,356.0	30.8	32.3	72.15		-1,079.5	-1,035.0	349.0	289.1	59.93	5.823	
8,300.0	6,463.0	8,265.6	6,356.0	32.4	33.8	72.14		-1,179.5	-1,036.4	348.8	285.9	62.93	5.542	
8,400.0	6,463.0	8,365.6	6,356.0	34.0	35.3	72.12		-1,279.5	-1,037.8	348.6	282.6	66.00	5.282	
8,500.0	6,463.0	8,465.6	6,356.0	35.6	36.9	72.11		-1,379.5	-1,039.2	348.4	279.3	69.13	5.040	
8,600.0	6,463.0	8,565.6	6,356.0	37.3	38.5	72.10		-1,479.5	-1,040.7	348.2	275.9	72.31	4.815	
8,700.0	6,463.0	8,665.6	6,356.0	38.9	40.1	72.09		-1,579.5	-1,042.1	348.0	272.4	75.53	4.607	
8,800.0	6,463.0	8,765.6	6,356.0	40.6	41.7	72.08		-1,679.5	-1,043.5	347.8	269.0	78.79	4.414	

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte P31-T34-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
8,900.0	6,463.0	8,865.6	6,356.0	42.4	43.4	72.07	-1,779.4	-1,044.9	347.6	265.5	82.09	4.234		
9,000.0	6,463.0	8,965.6	6,356.0	44.1	45.1	72.06	-1,879.4	-1,046.3	347.4	261.9	85.41	4.067		
9,100.0	6,463.0	9,065.6	6,356.0	45.8	46.8	72.05	-1,979.4	-1,047.8	347.2	258.4	88.76	3.911		
9,200.0	6,463.0	9,165.6	6,356.0	47.6	48.5	72.04	-2,079.4	-1,049.2	346.9	254.8	92.14	3.765		
9,300.0	6,463.0	9,265.6	6,356.0	49.4	50.3	72.03	-2,179.4	-1,050.6	346.7	251.2	95.54	3.629		
9,400.0	6,463.0	9,365.6	6,356.0	51.1	52.0	72.01	-2,279.4	-1,052.0	346.5	247.6	98.95	3.502		
9,500.0	6,463.0	9,465.6	6,356.0	52.9	53.8	72.00	-2,379.4	-1,053.5	346.3	243.9	102.39	3.382		
9,600.0	6,463.0	9,565.6	6,356.0	54.7	55.5	71.99	-2,479.4	-1,054.9	346.1	240.3	105.84	3.270		
9,700.0	6,463.0	9,665.6	6,356.0	56.5	57.3	71.98	-2,579.4	-1,056.3	345.9	236.6	109.30	3.165		
9,800.0	6,463.0	9,765.6	6,356.0	58.3	59.1	71.97	-2,679.4	-1,057.7	345.7	232.9	112.78	3.065		
9,900.0	6,463.0	9,865.6	6,356.0	60.2	60.9	71.96	-2,779.3	-1,059.1	345.5	229.2	116.26	2.972		
10,000.0	6,463.0	9,965.6	6,356.0	62.0	62.7	71.95	-2,879.3	-1,060.6	345.3	225.5	119.76	2.883		
10,100.0	6,463.0	10,065.6	6,356.0	63.8	64.5	71.94	-2,979.3	-1,062.0	345.1	221.8	123.27	2.800		
10,200.0	6,463.0	10,165.6	6,356.0	65.6	66.3	71.93	-3,079.3	-1,063.4	344.9	218.1	126.78	2.720		
10,300.0	6,463.0	10,265.6	6,356.0	67.5	68.1	71.91	-3,179.3	-1,064.8	344.7	214.4	130.31	2.645		
10,400.0	6,463.0	10,365.6	6,356.0	69.3	69.9	71.90	-3,279.3	-1,066.2	344.5	210.6	133.84	2.574		
10,500.0	6,463.0	10,465.6	6,356.0	71.2	71.7	71.89	-3,379.3	-1,067.7	344.3	206.9	137.37	2.506		
10,600.0	6,463.0	10,565.6	6,356.0	73.0	73.6	71.88	-3,479.3	-1,069.1	344.1	203.1	140.92	2.442		
10,700.0	6,463.0	10,665.6	6,356.0	74.9	75.4	71.87	-3,579.3	-1,070.5	343.9	199.4	144.47	2.380		
10,800.0	6,463.0	10,765.6	6,356.0	76.7	77.2	71.86	-3,679.3	-1,071.9	343.7	195.6	148.02	2.322		
10,900.0	6,463.0	10,865.6	6,356.0	78.6	79.1	71.85	-3,779.2	-1,073.3	343.4	191.9	151.58	2.266		
11,000.0	6,463.0	10,965.6	6,356.0	80.4	80.9	71.84	-3,879.2	-1,074.8	343.2	188.1	155.14	2.212		
11,058.0	6,463.0	11,023.6	6,356.0	81.5	82.0	71.83	-3,937.2	-1,075.6	343.1	185.9	157.21	2.183 SF		

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte P41-T44-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-180.00	-40.1	0.0	40.1				
100.0	100.0	100.0	100.0	0.1	0.1	-180.00	-180.00	-40.1	0.0	40.1	39.9	0.22	178.384	
200.0	200.0	200.0	200.0	0.3	0.3	-180.00	-180.00	-40.1	0.0	40.1	39.4	0.67	59.461	
300.0	300.0	300.0	300.0	0.6	0.6	-180.00	-180.00	-40.1	0.0	40.1	39.0	1.12	35.677	
400.0	400.0	400.0	400.0	0.8	0.8	-180.00	-180.00	-40.1	0.0	40.1	38.5	1.57	25.483 CC, ES	
500.0	500.0	500.0	500.0	1.0	1.0	-140.53	-140.53	-40.1	0.0	41.4	39.4	2.02	20.482	
600.0	599.8	599.8	599.8	1.2	1.2	-144.66	-144.66	-40.1	0.0	45.6	43.1	2.47	18.421	
700.0	699.5	699.5	699.5	1.5	1.5	-150.05	-150.05	-40.1	0.0	52.9	50.0	2.93	18.055	
800.0	798.7	798.7	798.7	1.7	1.7	-155.42	-155.42	-40.1	0.0	63.8	60.4	3.39	18.809	
900.0	897.5	900.2	900.1	2.1	1.9	-160.16	-160.16	-38.5	-0.7	76.6	72.8	3.85	19.901	
1,002.8	998.3	1,004.9	1,004.8	2.4	2.1	-164.34	-164.34	-33.4	-2.9	90.0	85.7	4.31	20.855	
1,100.0	1,093.4	1,104.7	1,104.1	2.8	2.4	-167.75	-167.75	-25.2	-6.4	101.2	96.4	4.77	21.231	
1,200.0	1,191.2	1,208.0	1,206.6	3.2	2.6	-170.83	-170.83	-13.4	-11.4	109.5	104.3	5.24	20.901	
1,300.0	1,289.0	1,311.7	1,309.0	3.6	2.9	-173.82	-173.82	1.8	-17.9	114.6	108.8	5.72	20.018	
1,400.0	1,386.8	1,414.0	1,409.3	4.1	3.3	-176.91	-176.91	19.9	-25.7	116.6	110.4	6.22	18.762	
1,500.0	1,484.6	1,513.8	1,507.1	4.5	3.6	-179.92	-179.92	38.2	-33.5	118.4	111.7	6.72	17.612	
1,600.0	1,582.4	1,613.5	1,604.9	4.9	4.0	177.17	177.17	56.5	-41.3	120.4	113.2	7.25	16.619	
1,700.0	1,680.2	1,713.3	1,702.7	5.4	4.4	174.36	174.36	74.8	-49.1	122.8	115.0	7.79	15.757	
1,800.0	1,778.0	1,813.1	1,800.5	5.8	4.7	171.67	171.67	93.1	-57.0	125.4	117.1	8.37	14.991	
1,900.0	1,875.8	1,912.9	1,898.3	6.3	5.1	169.09	169.09	111.4	-64.8	128.3	119.4	8.97	14.309	
2,000.0	1,973.6	2,012.7	1,996.1	6.7	5.5	166.63	166.63	129.7	-72.6	131.5	121.9	9.60	13.697	
2,100.0	2,071.4	2,112.5	2,093.9	7.2	5.9	164.29	164.29	148.0	-80.4	134.9	124.6	10.26	13.148	
2,200.0	2,169.2	2,212.3	2,191.6	7.6	6.4	162.07	162.07	166.3	-88.3	138.5	127.6	10.95	12.654	
2,300.0	2,267.0	2,312.1	2,289.4	8.1	6.8	159.96	159.96	184.6	-96.1	142.3	130.7	11.66	12.209	
2,400.0	2,364.7	2,411.9	2,387.2	8.5	7.2	157.97	157.97	202.9	-103.9	146.3	133.9	12.39	11.807	
2,500.0	2,462.5	2,511.7	2,485.0	9.0	7.6	156.08	156.08	221.2	-111.7	150.4	137.3	13.15	11.445	
2,600.0	2,560.3	2,611.5	2,582.8	9.4	8.0	154.30	154.30	239.5	-119.6	154.8	140.8	13.92	11.118	
2,700.0	2,658.1	2,711.3	2,680.6	9.9	8.4	152.61	152.61	257.8	-127.4	159.2	144.5	14.71	10.823	
2,800.0	2,755.9	2,811.1	2,778.4	10.3	8.9	151.02	151.02	276.1	-135.2	163.8	148.3	15.51	10.557	
2,900.0	2,853.7	2,910.9	2,876.2	10.8	9.3	149.51	149.51	294.4	-143.0	168.5	152.2	16.33	10.316	
3,000.0	2,951.5	3,010.7	2,974.0	11.2	9.7	148.09	148.09	312.7	-150.9	173.3	156.1	17.16	10.098	
3,100.0	3,049.3	3,110.5	3,071.8	11.7	10.1	146.74	146.74	331.0	-158.7	178.2	160.2	18.00	9.900	
3,200.0	3,147.1	3,210.2	3,169.5	12.1	10.6	145.47	145.47	349.3	-166.5	183.2	164.4	18.85	9.721	
3,300.0	3,244.9	3,310.0	3,267.3	12.6	11.0	144.26	144.26	367.5	-174.3	188.3	168.6	19.70	9.558	
3,400.0	3,342.7	3,409.8	3,365.1	13.0	11.4	143.12	143.12	385.8	-182.2	193.5	172.9	20.56	9.410	
3,500.0	3,440.5	3,509.6	3,462.9	13.5	11.8	142.04	142.04	404.1	-190.0	198.7	177.3	21.43	9.274	
3,600.0	3,538.3	3,609.4	3,560.7	13.9	12.3	141.01	141.01	422.4	-197.8	204.0	181.7	22.30	9.151	
3,700.0	3,636.1	3,709.2	3,658.5	14.4	12.7	140.04	140.04	440.7	-205.6	209.4	186.2	23.17	9.037	
3,800.0	3,733.9	3,809.0	3,756.3	14.9	13.1	139.12	139.12	459.0	-213.5	214.8	190.8	24.05	8.934	
3,900.0	3,831.7	3,908.8	3,854.1	15.3	13.6	138.24	138.24	477.3	-221.3	220.3	195.4	24.93	8.838	
4,000.0	3,929.5	4,008.6	3,951.9	15.8	14.0	137.40	137.40	495.6	-229.1	225.8	200.0	25.81	8.751	
4,100.0	4,027.3	4,108.4	4,049.7	16.2	14.4	136.61	136.61	513.9	-236.9	231.4	204.7	26.69	8.670	
4,200.0	4,125.0	4,208.2	4,147.4	16.7	14.8	135.85	135.85	532.2	-244.8	237.0	209.4	27.57	8.595	
4,300.0	4,222.8	4,308.0	4,245.2	17.1	15.3	135.12	135.12	550.5	-252.6	242.7	214.2	28.46	8.527	
4,400.0	4,320.6	4,407.8	4,343.0	17.6	15.7	134.43	134.43	568.8	-260.4	248.4	219.0	29.35	8.463	
4,500.0	4,418.4	4,507.6	4,440.8	18.0	16.1	133.77	133.77	587.1	-268.2	254.1	223.9	30.24	8.404	
4,600.0	4,516.2	4,607.4	4,538.6	18.5	16.6	133.14	133.14	605.4	-276.1	259.9	228.7	31.13	8.349	
4,700.0	4,614.0	4,707.2	4,636.4	18.9	17.0	132.54	132.54	623.7	-283.9	265.7	233.6	32.01	8.298	
4,800.0	4,711.8	4,807.0	4,734.2	19.4	17.4	131.97	131.97	642.0	-291.7	271.5	238.6	32.90	8.250	
4,900.0	4,809.6	4,906.7	4,832.0	19.9	17.9	131.41	131.41	660.3	-299.5	277.3	243.5	33.79	8.206	
5,000.0	4,907.4	5,006.5	4,929.8	20.3	18.3	130.88	130.88	678.6	-307.4	283.2	248.5	34.68	8.165	

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte P41-T44-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
5,100.0	5,005.2	5,106.3	5,027.6	20.8	18.7	130.37	696.9	-315.2	289.1	253.5	35.57	8.126		
5,200.0	5,103.0	5,206.1	5,125.3	21.2	19.2	129.89	715.2	-323.0	295.0	258.5	36.47	8.090		
5,300.9	5,201.7	5,303.1	5,220.7	21.7	19.5	129.70	731.6	-330.0	301.6	264.3	37.23	8.100		
5,400.0	5,298.9	5,400.0	5,316.4	22.1	19.8	129.94	745.0	-335.8	308.2	270.4	37.81	8.152		
5,500.0	5,397.7	5,494.0	5,409.8	22.3	20.0	130.24	755.2	-340.1	313.9	275.7	38.25	8.207		
5,600.0	5,496.9	5,589.8	5,505.3	22.6	20.2	130.58	762.6	-343.3	318.7	280.1	38.61	8.253		
5,700.0	5,596.5	5,685.6	5,600.9	22.8	20.4	130.98	767.1	-345.2	322.5	283.6	38.88	8.294		
5,800.0	5,696.4	5,781.2	5,696.5	23.0	20.5	131.42	768.7	-345.9	325.3	286.2	39.06	8.327		
5,903.7	5,800.0	5,884.7	5,800.0	23.1	20.6	90.65	768.7	-345.9	326.5	287.1	39.46	8.276		
5,973.9	5,870.2	5,955.0	5,870.2	23.2	20.7	90.86	767.5	-345.9	326.5	286.9	39.58	8.250		
6,000.0	5,896.3	5,981.0	5,896.1	23.2	20.7	91.28	765.1	-346.0	326.5	287.0	39.52	8.262		
6,045.8	5,942.1	6,025.7	5,940.3	23.2	20.7	92.53	758.0	-346.1	326.6	287.4	39.28	8.316		
6,050.0	5,946.3	6,029.8	5,944.3	23.3	20.7	-88.26	757.1	-346.1	326.7	287.6	39.04	8.368		
6,100.0	5,996.2	6,077.4	5,990.3	23.3	20.6	-86.55	745.1	-346.3	327.1	288.5	38.60	8.476		
6,150.0	6,045.6	6,124.2	6,034.3	23.3	20.5	-84.88	729.1	-346.6	327.8	289.8	38.07	8.611		
6,200.0	6,094.1	6,170.3	6,076.1	23.2	20.4	-83.27	709.6	-346.9	328.8	291.3	37.48	8.772		
6,250.0	6,141.1	6,215.7	6,115.4	23.1	20.2	-81.74	686.9	-347.3	330.0	293.1	36.85	8.954		
6,300.0	6,186.4	6,260.5	6,152.0	23.0	20.0	-80.29	661.2	-347.7	331.3	295.1	36.19	9.154		
6,350.0	6,229.3	6,304.7	6,185.9	22.8	19.8	-78.93	632.9	-348.2	332.8	297.2	35.52	9.367		
6,400.0	6,269.7	6,350.0	6,218.0	22.6	19.6	-77.64	601.0	-348.8	334.3	299.4	34.84	9.593		
6,450.0	6,307.0	6,391.7	6,245.1	22.4	19.3	-76.53	569.2	-349.3	335.8	301.5	34.22	9.813		
6,500.0	6,340.9	6,434.6	6,270.1	22.2	19.1	-75.50	534.4	-349.9	337.2	303.6	33.61	10.033		
6,550.0	6,371.2	6,477.2	6,292.0	21.9	18.9	-74.60	498.0	-350.5	338.6	305.5	33.06	10.242		
6,600.0	6,397.5	6,519.4	6,310.8	21.7	18.6	-73.81	460.1	-351.2	339.9	307.3	32.58	10.433		
6,650.0	6,419.7	6,561.4	6,326.4	21.4	18.4	-73.16	421.1	-351.8	341.0	308.8	32.17	10.598		
6,700.0	6,437.4	6,600.0	6,337.8	21.2	18.2	-72.66	384.3	-352.5	341.9	310.0	31.88	10.725		
6,750.0	6,450.6	6,644.9	6,347.7	20.9	18.0	-72.24	340.5	-353.2	342.6	310.9	31.65	10.823		
6,800.0	6,459.1	6,686.5	6,353.5	20.7	17.8	-71.98	299.4	-353.9	343.0	311.5	31.55	10.873		
6,850.0	6,462.8	6,728.0	6,355.9	20.5	17.6	-71.85	257.9	-354.6	343.2	311.7	31.54	10.881		
6,864.0	6,463.0	6,739.9	6,356.0	20.4	17.6	-71.84	246.0	-354.8	343.3	311.7	31.56	10.877		
6,900.0	6,463.0	6,775.9	6,356.0	20.3	17.5	-71.84	210.0	-355.4	343.2	311.8	31.46	10.909		
6,964.0	6,463.0	6,839.9	6,356.0	20.0	17.3	-71.83	146.0	-356.5	343.2	311.8	31.41	10.926		
6,964.0	6,463.0	6,839.9	6,356.0	20.0	17.3	-71.83	146.0	-356.5	343.2	311.8	31.41	10.926		
6,969.0	6,463.0	6,844.9	6,356.0	20.0	17.3	-71.83	141.0	-356.6	343.2	311.8	31.42	10.923		
7,000.0	6,463.0	6,875.9	6,356.0	19.9	17.2	-71.83	110.0	-357.2	343.2	311.7	31.47	10.905		
7,100.0	6,463.0	6,975.9	6,356.0	19.6	17.2	-71.83	10.0	-358.9	343.1	311.2	31.91	10.753		
7,200.0	6,463.0	7,075.9	6,356.0	19.4	17.5	-71.82	-89.9	-360.6	343.0	310.3	32.74	10.476		
7,300.0	6,463.0	7,175.9	6,356.0	19.5	18.1	-71.82	-189.9	-362.3	343.0	309.0	33.96	10.100		
7,400.0	6,463.0	7,275.9	6,356.0	20.1	18.9	-71.82	-289.9	-364.0	342.9	307.4	35.51	9.657		
7,500.0	6,463.0	7,375.9	6,356.0	21.1	19.9	-71.81	-389.9	-365.7	342.8	305.5	37.36	9.177		
7,600.0	6,463.0	7,475.9	6,356.0	22.3	21.0	-71.81	-489.9	-367.4	342.8	303.3	39.46	8.685		
7,700.0	6,463.0	7,575.9	6,356.0	23.6	22.2	-71.81	-589.9	-369.1	342.7	300.9	41.79	8.201		
7,800.0	6,463.0	7,675.9	6,356.0	24.9	23.6	-71.80	-689.9	-370.8	342.6	298.3	44.29	7.736		
7,900.0	6,463.0	7,775.9	6,356.0	26.3	25.0	-71.80	-789.8	-372.5	342.6	295.6	46.95	7.297		
8,000.0	6,463.0	7,875.9	6,356.0	27.7	26.4	-71.80	-889.8	-374.2	342.5	292.8	49.73	6.887		
8,100.0	6,463.0	7,975.9	6,356.0	29.2	27.9	-71.79	-989.8	-375.9	342.4	289.8	52.63	6.507		
8,200.0	6,463.0	8,075.9	6,356.0	30.8	29.5	-71.79	-1,089.8	-377.6	342.4	286.7	55.61	6.156		
8,300.0	6,463.0	8,175.9	6,356.0	32.4	31.1	-71.78	-1,189.8	-379.4	342.3	283.6	58.68	5.834		
8,400.0	6,463.0	8,275.9	6,356.0	34.0	32.7	-71.78	-1,289.8	-381.1	342.2	280.4	61.81	5.537		
8,500.0	6,463.0	8,375.9	6,356.0	35.6	34.4	-71.78	-1,389.8	-382.8	342.2	277.2	64.99	5.265		
8,600.0	6,463.0	8,475.9	6,356.0	37.3	36.0	-71.77	-1,489.7	-384.5	342.1	273.9	68.22	5.014		

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

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte P41-T44-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis Reference	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
8,700.0	6,463.0	8,575.9	6,356.0	38.9	37.8	-71.77	-1,589.7	-386.2	342.0	270.5	71.50	4.784		
8,800.0	6,463.0	8,675.9	6,356.0	40.6	39.5	-71.77	-1,689.7	-387.9	342.0	267.2	74.81	4.571		
8,900.0	6,463.0	8,775.9	6,356.0	42.4	41.2	-71.76	-1,789.7	-389.6	341.9	263.7	78.15	4.375		
9,000.0	6,463.0	8,875.9	6,356.0	44.1	43.0	-71.76	-1,889.7	-391.3	341.8	260.3	81.53	4.193		
9,100.0	6,463.0	8,975.9	6,356.0	45.8	44.7	-71.75	-1,989.7	-393.0	341.8	256.8	84.92	4.024		
9,200.0	6,463.0	9,075.9	6,356.0	47.6	46.5	-71.75	-2,089.6	-394.7	341.7	253.4	88.34	3.868		
9,300.0	6,463.0	9,175.9	6,356.0	49.4	48.3	-71.75	-2,189.6	-396.4	341.6	249.9	91.77	3.722		
9,400.0	6,463.0	9,275.9	6,356.0	51.1	50.1	-71.74	-2,289.6	-398.1	341.6	246.3	95.23	3.587		
9,500.0	6,463.0	9,375.9	6,356.0	52.9	51.9	-71.74	-2,389.6	-399.8	341.5	242.8	98.70	3.460		
9,600.0	6,463.0	9,475.9	6,356.0	54.7	53.7	-71.74	-2,489.6	-401.6	341.4	239.3	102.18	3.342		
9,700.0	6,463.0	9,575.9	6,356.0	56.5	55.5	-71.73	-2,589.6	-403.3	341.4	235.7	105.67	3.230		
9,800.0	6,463.0	9,675.9	6,356.0	58.3	57.4	-71.73	-2,689.6	-405.0	341.3	232.1	109.18	3.126		
9,900.0	6,463.0	9,775.9	6,356.0	60.2	59.2	-71.73	-2,789.5	-406.7	341.2	228.5	112.69	3.028		
10,000.0	6,463.0	9,875.9	6,356.0	62.0	61.0	-71.72	-2,889.5	-408.4	341.2	224.9	116.22	2.936		
10,100.0	6,463.0	9,975.9	6,356.0	63.8	62.9	-71.72	-2,989.5	-410.1	341.1	221.3	119.75	2.848		
10,200.0	6,463.0	10,075.9	6,356.0	65.6	64.7	-71.71	-3,089.5	-411.8	341.0	217.7	123.29	2.766		
10,300.0	6,463.0	10,175.9	6,356.0	67.5	66.6	-71.71	-3,189.5	-413.5	341.0	214.1	126.84	2.688		
10,400.0	6,463.0	10,275.9	6,356.0	69.3	68.4	-71.71	-3,289.5	-415.2	340.9	210.5	130.40	2.614		
10,500.0	6,463.0	10,375.9	6,356.0	71.2	70.3	-71.70	-3,389.5	-416.9	340.8	206.9	133.96	2.544		
10,600.0	6,463.0	10,475.9	6,356.0	73.0	72.1	-71.70	-3,489.4	-418.6	340.8	203.2	137.52	2.478		
10,700.0	6,463.0	10,575.9	6,356.0	74.9	74.0	-71.70	-3,589.4	-420.3	340.7	199.6	141.09	2.415		
10,800.0	6,463.0	10,675.9	6,356.0	76.7	75.8	-71.69	-3,689.4	-422.1	340.6	196.0	144.67	2.355		
10,900.0	6,463.0	10,775.9	6,356.0	78.6	77.7	-71.69	-3,789.4	-423.8	340.6	192.3	148.25	2.297		
11,000.0	6,463.0	10,875.9	6,356.0	80.4	79.6	-71.68	-3,889.4	-425.5	340.5	188.7	151.83	2.243		
11,043.0	6,463.0	10,918.9	6,356.0	81.2	80.4	-71.68	-3,932.3	-426.2	340.5	187.1	153.37	2.220		
11,058.0	6,463.0	10,928.4	6,356.0	81.5	80.6	-71.68	-3,941.8	-426.4	340.5	186.7	153.81	2.214 SF		



Offset Design		State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte U41-Y44-26HNB - Wellbore #1 - P										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	1.0	1.0	0.0	0.0	-180.00	-58.3	0.0	58.3	58.3	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	-180.00	-58.3	0.0	58.3	58.1	0.23	256.767		
200.0	200.0	201.0	201.0	0.3	0.3	-180.00	-58.3	0.0	58.3	57.6	0.68	86.158		
300.0	300.0	301.0	301.0	0.6	0.6	-180.00	-58.3	0.0	58.3	57.2	1.13	51.763		
400.0	400.0	401.0	401.0	0.8	0.8	-180.00	-58.3	0.0	58.3	56.7	1.58	36.995 CC, ES		
500.0	500.0	501.0	501.0	1.0	1.0	-140.04	-58.3	0.0	59.6	57.6	2.02	29.444		
600.0	599.8	600.8	600.8	1.2	1.2	-143.02	-58.3	0.0	63.7	61.2	2.48	25.723		
700.0	699.5	700.5	700.5	1.5	1.5	-147.18	-58.3	0.0	70.9	67.9	2.94	24.147		
800.0	798.7	799.7	799.7	1.7	1.7	-151.72	-58.3	0.0	81.4	78.0	3.40	23.956		
900.0	897.5	898.5	898.5	2.1	1.9	-156.05	-58.3	0.0	95.5	91.6	3.86	24.726		
1,002.8	998.3	999.3	999.3	2.4	2.1	-159.94	-58.3	0.0	113.8	109.4	4.34	26.229		
1,100.0	1,093.4	1,097.6	1,097.6	2.8	2.4	-163.53	-56.7	0.6	131.9	127.1	4.79	27.543		
1,200.0	1,191.2	1,199.2	1,199.0	3.2	2.6	-167.33	-51.8	2.4	148.7	143.4	5.25	28.325		
1,300.0	1,289.0	1,301.0	1,300.5	3.6	2.8	-171.33	-43.5	5.5	163.8	158.1	5.71	28.666		
1,400.0	1,386.8	1,402.8	1,401.5	4.1	3.1	-175.60	-31.8	9.8	177.5	171.4	6.19	28.674		
1,500.0	1,484.6	1,504.4	1,501.8	4.5	3.3	179.84	-16.7	15.3	190.4	183.7	6.70	28.412		
1,600.0	1,582.4	1,605.3	1,600.8	4.9	3.6	174.99	1.5	22.0	202.7	195.5	7.26	27.925		
1,700.0	1,680.2	1,703.1	1,696.4	5.4	4.0	170.43	20.7	29.1	215.7	207.9	7.87	27.408		
1,800.0	1,778.0	1,800.8	1,792.0	5.8	4.3	166.40	40.0	36.1	230.0	221.4	8.53	26.958		
1,900.0	1,875.8	1,898.5	1,887.5	6.3	4.7	162.84	59.2	43.2	245.2	236.0	9.23	26.572		
2,000.0	1,973.6	1,996.3	1,983.1	6.7	5.1	159.70	78.4	50.3	261.2	251.3	9.95	26.244		
2,100.0	2,071.4	2,094.0	2,078.6	7.2	5.4	156.93	97.6	57.3	278.0	267.3	10.70	25.969		
2,200.0	2,169.2	2,191.7	2,174.2	7.6	5.8	154.47	116.9	64.4	295.3	283.8	11.47	25.742		
2,300.0	2,267.0	2,289.4	2,269.8	8.1	6.2	152.28	136.1	71.5	313.1	300.9	12.25	25.555		
2,400.0	2,364.7	2,387.2	2,365.3	8.5	6.6	150.33	155.3	78.5	331.3	318.3	13.04	25.403		
2,500.0	2,462.5	2,484.9	2,460.9	9.0	7.1	148.58	174.5	85.6	349.8	336.0	13.84	25.280		
2,600.0	2,560.3	2,582.6	2,556.4	9.4	7.5	147.00	193.8	92.7	368.7	354.0	14.64	25.181		
2,700.0	2,658.1	2,680.4	2,652.0	9.9	7.9	145.58	213.0	99.8	387.7	372.3	15.45	25.102		
2,800.0	2,755.9	2,778.1	2,747.5	10.3	8.3	144.29	232.2	106.8	407.0	390.8	16.25	25.040		
2,900.0	2,853.7	2,875.8	2,843.1	10.8	8.7	143.12	251.4	113.9	426.5	409.4	17.06	24.992		
3,000.0	2,951.5	2,973.5	2,938.7	11.2	9.1	142.05	270.7	121.0	446.1	428.2	17.88	24.955		
3,100.0	3,049.3	3,071.3	3,034.2	11.7	9.6	141.07	289.9	128.0	465.8	447.1	18.69	24.927		
3,200.0	3,147.1	3,169.0	3,129.8	12.1	10.0	140.17	309.1	135.1	485.7	466.2	19.50	24.907		
3,300.0	3,244.9	3,266.7	3,225.3	12.6	10.4	139.34	328.3	142.2	505.7	485.4	20.31	24.894		
3,400.0	3,342.7	3,364.5	3,320.9	13.0	10.8	138.57	347.6	149.2	525.8	504.6	21.13	24.885		
3,500.0	3,440.5	3,462.2	3,416.5	13.5	11.3	137.86	366.8	156.3	545.9	524.0	21.94	24.881		
3,600.0	3,538.3	3,559.9	3,512.0	13.9	11.7	137.20	386.0	163.4	566.2	543.4	22.75	24.881		
3,700.0	3,636.1	3,657.7	3,607.6	14.4	12.1	136.58	405.2	170.5	586.5	562.9	23.57	24.883		
3,800.0	3,733.9	3,755.4	3,703.1	14.9	12.5	136.01	424.5	177.5	606.8	582.4	24.38	24.888		
3,900.0	3,831.7	3,853.1	3,798.7	15.3	13.0	135.47	443.7	184.6	627.2	602.0	25.20	24.895		
4,000.0	3,929.5	3,950.8	3,894.2	15.8	13.4	134.97	462.9	191.7	647.7	621.7	26.01	24.904		
4,100.0	4,027.3	4,048.6	3,989.8	16.2	13.8	134.50	482.1	198.7	668.2	641.4	26.82	24.914		
4,200.0	4,125.0	4,146.3	4,085.4	16.7	14.3	134.05	501.4	205.8	688.8	661.1	27.63	24.925		
4,300.0	4,222.8	4,244.0	4,180.9	17.1	14.7	133.64	520.6	212.9	709.4	680.9	28.45	24.936		
4,400.0	4,320.6	4,341.8	4,276.5	17.6	15.1	133.24	539.8	219.9	730.0	700.7	29.26	24.949		
4,500.0	4,418.4	4,439.5	4,372.0	18.0	15.5	132.87	559.0	227.0	750.6	720.6	30.07	24.962		
4,600.0	4,516.2	4,537.2	4,467.6	18.5	16.0	132.51	578.3	234.1	771.3	740.4	30.88	24.975		
4,700.0	4,614.0	4,634.9	4,563.2	18.9	16.4	132.18	597.5	241.2	792.0	760.3	31.70	24.989		
4,800.0	4,711.8	4,732.7	4,658.7	19.4	16.8	131.86	616.7	248.2	812.8	780.3	32.51	25.003		
4,900.0	4,809.6	4,830.4	4,754.3	19.9	17.3	131.56	635.9	255.3	833.5	800.2	33.32	25.017		
5,000.0	4,907.4	4,928.1	4,849.8	20.3	17.7	131.27	655.1	262.4	854.3	820.2	34.13	25.031		

COMPASS 2003.21 Build 46

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte U41-Y44-26HNB - Wellbore #1 - P													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,100.0	5,005.2	5,025.9	4,945.4	20.8	18.1	131.00		674.4	269.4	875.1	840.2	34.94	25.045	
5,200.0	5,103.0	5,123.6	5,041.0	21.2	18.6	130.74		693.6	276.5	895.9	860.2	35.75	25.059	
5,300.9	5,201.7	5,226.9	5,142.0	21.7	19.0	130.49		713.6	283.9	916.9	880.3	36.55	25.083	
5,400.0	5,298.9	5,336.3	5,249.7	22.1	19.3	130.64		731.7	290.5	935.3	898.0	37.27	25.097	
5,500.0	5,397.7	5,447.7	5,360.0	22.3	19.6	130.80		746.1	295.8	950.4	912.5	37.87	25.097	
5,600.0	5,496.9	5,559.9	5,471.6	22.6	19.9	130.98		756.6	299.7	961.9	923.5	38.38	25.064	
5,700.0	5,596.5	5,672.5	5,584.1	22.8	20.1	131.16		762.9	302.0	969.7	930.9	38.79	24.998	
5,800.0	5,696.4	5,785.5	5,697.0	23.0	20.3	131.37		765.1	302.8	974.0	934.9	39.11	24.902	
5,903.7	5,800.0	5,889.5	5,801.0	23.1	20.4	90.43		765.1	302.8	975.2	935.8	39.45	24.720	
6,000.0	5,896.3	5,986.5	5,897.9	23.2	20.5	90.64		761.4	302.7	975.2	935.6	39.63	24.605	
6,033.5	5,929.8	6,019.8	5,930.8	23.2	20.5	90.94		756.4	302.7	975.2	935.5	39.64	24.602	
6,045.8	5,942.1	6,031.9	5,942.6	23.2	20.4	91.07		754.1	302.6	975.2	935.6	39.63	24.605	
6,050.0	5,946.3	6,035.9	5,946.6	23.3	20.4	-89.81		753.3	302.6	975.2	935.6	39.56	24.654	
6,100.0	5,996.2	6,084.1	5,993.2	23.3	20.4	-89.23		740.9	302.4	975.3	935.8	39.45	24.720	
6,150.0	6,045.6	6,131.5	6,037.6	23.3	20.2	-88.66		724.6	302.1	975.5	936.2	39.26	24.848	
6,200.0	6,094.1	6,178.0	6,079.7	23.2	20.1	-88.10		704.7	301.8	975.7	936.8	38.98	25.033	
6,250.0	6,141.1	6,223.8	6,119.2	23.1	19.9	-87.56		681.5	301.4	976.1	937.5	38.63	25.271	
6,300.0	6,186.4	6,269.0	6,166.0	23.0	19.7	-87.05		655.3	301.0	976.5	938.3	38.21	25.555	
6,350.0	6,229.3	6,313.6	6,190.0	22.8	19.4	-86.56		626.5	300.5	977.0	939.2	37.75	25.880	
6,400.0	6,269.7	6,357.6	6,221.0	22.6	19.2	-86.10		595.3	300.0	977.5	940.3	37.26	26.238	
6,450.0	6,307.0	6,400.0	6,248.2	22.4	19.0	-85.68		562.8	299.5	978.0	941.3	36.75	26.616	
6,500.0	6,340.9	6,444.3	6,273.8	22.2	18.7	-85.28		526.7	298.9	978.6	942.3	36.22	27.020	
6,550.0	6,371.2	6,487.0	6,295.5	21.9	18.4	-84.93		489.9	298.3	979.1	943.4	35.70	27.423	
6,600.0	6,397.5	6,529.4	6,313.9	21.7	18.2	-84.62		451.7	297.7	979.5	944.3	35.21	27.817	
6,650.0	6,419.7	6,571.6	6,329.1	21.4	18.0	-84.36		412.4	297.0	980.0	945.2	34.76	28.190	
6,700.0	6,437.4	6,613.5	6,341.0	21.2	17.7	-84.13		372.2	296.4	980.3	946.0	34.36	28.531	
6,750.0	6,450.6	6,655.2	6,349.7	20.9	17.5	-83.96		331.4	295.7	980.7	946.6	34.02	28.828	
6,800.0	6,459.1	6,700.0	6,355.2	20.7	17.3	-83.82		287.0	295.0	980.9	947.2	33.73	29.079	
6,850.0	6,462.8	6,738.4	6,357.0	20.5	17.2	-83.75		248.7	294.3	981.0	947.5	33.55	29.244	
6,864.0	6,463.0	6,751.4	6,357.0	20.4	17.1	-83.74		235.6	294.1	981.0	947.5	33.50	29.281	
6,900.0	6,463.0	6,787.5	6,357.0	20.3	17.0	-83.74		199.6	293.5	981.0	947.6	33.40	29.369	
6,964.0	6,463.0	6,851.4	6,357.0	20.0	16.8	-83.74		135.6	292.5	981.0	947.7	33.36	29.406	
6,964.0	6,463.0	6,851.4	6,357.0	20.0	16.8	-83.74		135.6	292.5	981.0	947.7	33.36	29.406	
6,964.0	6,463.0	6,851.4	6,357.0	20.0	16.8	-83.74		135.6	292.5	981.0	947.7	33.36	29.406	
7,000.0	6,463.0	6,887.5	6,357.0	19.9	16.8	-83.74		99.6	291.9	981.0	947.6	33.42	29.356	
7,100.0	6,463.0	6,987.5	6,357.0	19.6	16.8	-83.74		-0.4	290.3	981.0	947.2	33.87	28.965	
7,200.0	6,463.0	7,087.5	6,357.0	19.4	17.2	-83.74		-100.3	288.6	981.0	946.3	34.73	28.247	
7,300.0	6,463.0	7,187.5	6,357.0	19.5	17.8	-83.74		-200.3	287.0	981.0	945.1	35.98	27.269	
7,400.0	6,463.0	7,287.5	6,357.0	20.1	18.6	-83.74		-300.3	285.4	981.0	943.5	37.57	26.113	
7,500.0	6,463.0	7,387.5	6,357.0	21.1	19.5	-83.74		-400.3	283.7	981.0	941.6	39.47	24.857	
7,600.0	6,463.0	7,487.5	6,357.0	22.3	20.6	-83.74		-500.3	282.1	981.0	939.4	41.63	23.567	
7,700.0	6,463.0	7,587.5	6,357.0	23.6	21.8	-83.74		-600.3	280.4	981.0	937.0	44.01	22.289	
7,800.0	6,463.0	7,687.5	6,357.0	24.9	23.2	-83.74		-700.3	278.8	981.0	934.5	46.59	21.057	
7,900.0	6,463.0	7,787.5	6,357.0	26.3	24.5	-83.74		-800.2	277.2	981.0	931.7	49.33	19.889	
8,000.0	6,463.0	7,887.5	6,357.0	27.7	26.0	-83.74		-900.2	275.5	981.0	928.8	52.20	18.795	
8,100.0	6,463.0	7,987.5	6,357.0	29.2	27.5	-83.74		-1,000.2	273.9	981.0	925.9	55.18	17.778	
8,200.0	6,463.0	8,087.5	6,357.0	30.8	29.0	-83.74		-1,100.2	272.3	981.0	922.8	58.27	16.837	
8,300.0	6,463.0	8,187.5	6,357.0	32.4	30.6	-83.74		-1,200.2	270.6	981.0	919.6	61.43	15.970	
8,400.0	6,463.0	8,287.5	6,357.0	34.0	32.3	-83.74		-1,300.2	269.0	981.0	916.4	64.67	15.171	
8,500.0	6,463.0	8,387.5	6,357.0	35.6	33.9	-83.74		-1,400.2	267.3	981.1	913.1	67.96	14.436	
8,600.0	6,463.0	8,487.5	6,357.0	37.3	35.6	-83.74		-1,500.2	265.7	981.1	909.7	71.31	13.758	

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



Offset Design													State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte U41-Y44-26HNB - Wellbore #1 - P		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					
Depth (ft)	Depth (ft)	Depth (ft)	Depth (ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
8,700.0	6,463.0	8,587.5	6,357.0	38.9	37.3	-83.74	-1,600.1	264.1	981.1	906.4	74.70	13.134					
8,800.0	6,463.0	8,687.5	6,357.0	40.6	39.0	-83.74	-1,700.1	262.4	981.1	902.9	78.13	12.557					
8,900.0	6,463.0	8,787.5	6,357.0	42.4	40.7	-83.74	-1,800.1	260.8	981.1	899.5	81.59	12.024					
9,000.0	6,463.0	8,887.5	6,357.0	44.1	42.5	-83.74	-1,900.1	259.2	981.1	896.0	85.08	11.531					
9,100.0	6,463.0	8,987.5	6,357.0	45.8	44.3	-83.74	-2,000.1	257.5	981.1	892.5	88.60	11.073					
9,200.0	6,463.0	9,087.5	6,357.0	47.6	46.0	-83.74	-2,100.1	255.9	981.1	888.9	92.15	10.647					
9,300.0	6,463.0	9,187.5	6,357.0	49.4	47.8	-83.74	-2,200.1	254.2	981.1	885.3	95.71	10.250					
9,400.0	6,463.0	9,287.5	6,357.0	51.1	49.6	-83.74	-2,300.0	252.6	981.1	881.8	99.29	9.881					
9,500.0	6,463.0	9,387.5	6,357.0	52.9	51.4	-83.74	-2,400.0	251.0	981.1	878.2	102.89	9.535					
9,600.0	6,463.0	9,487.5	6,357.0	54.7	53.3	-83.74	-2,500.0	249.3	981.1	874.6	106.50	9.211					
9,700.0	6,463.0	9,587.5	6,357.0	56.5	55.1	-83.74	-2,600.0	247.7	981.1	870.9	110.13	8.908					
9,800.0	6,463.0	9,687.5	6,357.0	58.3	56.9	-83.74	-2,700.0	246.1	981.1	867.3	113.77	8.623					
9,900.0	6,463.0	9,787.5	6,357.0	60.2	58.7	-83.74	-2,800.0	244.4	981.1	863.6	117.42	8.355					
10,000.0	6,463.0	9,887.5	6,357.0	62.0	60.6	-83.74	-2,900.0	242.8	981.1	860.0	121.08	8.103					
10,100.0	6,463.0	9,987.5	6,357.0	63.8	62.4	-83.74	-3,000.0	241.1	981.1	856.3	124.75	7.864					
10,200.0	6,463.0	10,087.5	6,357.0	65.6	64.3	-83.74	-3,099.9	239.5	981.1	852.6	128.43	7.639					
10,300.0	6,463.0	10,187.5	6,357.0	67.5	66.1	-83.74	-3,199.9	237.9	981.1	848.9	132.11	7.426					
10,400.0	6,463.0	10,287.5	6,357.0	69.3	68.0	-83.74	-3,299.9	236.2	981.1	845.3	135.80	7.224					
10,500.0	6,463.0	10,387.5	6,357.0	71.2	69.8	-83.74	-3,399.9	234.6	981.1	841.6	139.50	7.033					
10,600.0	6,463.0	10,487.5	6,357.0	73.0	71.7	-83.74	-3,499.9	233.0	981.1	837.9	143.21	6.851					
10,700.0	6,463.0	10,587.5	6,357.0	74.9	73.5	-83.74	-3,599.9	231.3	981.1	834.1	146.92	6.678					
10,800.0	6,463.0	10,687.5	6,357.0	76.7	75.4	-83.74	-3,699.9	229.7	981.1	830.4	150.63	6.513					
10,900.0	6,463.0	10,787.5	6,357.0	78.6	77.3	-83.74	-3,799.8	228.0	981.1	826.7	154.35	6.356					
11,000.0	6,463.0	10,887.5	6,357.0	80.4	79.1	-83.74	-3,899.8	226.4	981.1	823.0	158.08	6.206					
11,025.7	6,463.0	10,913.2	6,357.0	80.9	79.6	-83.74	-3,925.6	226.0	981.1	822.0	159.03	6.169					
11,058.0	6,463.0	10,929.5	6,357.0	81.5	79.9	-83.74	-3,941.8	225.7	981.2	821.3	159.94	6.135 SF					

Offset Design		State North Platte 41-26 Pad Sec.26-T5N-R63W - State North Platte U-Y-26HNC - Wellbore #1 - Plan #										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	1.0	1.0	0.0	0.0	180.00	-80.1	0.0	80.1	80.1	0.00	N/A		
100.0	100.0	101.0	101.0	0.1	0.1	180.00	-80.1	0.0	80.1	79.9	0.23	353.037		
200.0	200.0	201.0	201.0	0.3	0.3	180.00	-80.1	0.0	80.1	79.5	0.68	118.461		
300.0	300.0	301.0	301.0	0.6	0.6	180.00	-80.1	0.0	80.1	79.0	1.13	71.171		
400.0	400.0	401.0	401.0	0.8	0.8	180.00	-80.1	0.0	80.1	78.6	1.58	50.866 CC, ES		
500.0	500.0	501.0	501.0	1.0	1.0	-139.75	-80.1	0.0	81.5	79.4	2.02	40.236		
600.0	599.8	600.8	600.8	1.2	1.2	-141.96	-80.1	0.0	85.5	83.1	2.48	34.530		
700.0	699.5	700.5	700.5	1.5	1.5	-145.20	-80.1	0.0	92.6	89.6	2.94	31.526		
800.0	798.7	799.7	799.7	1.7	1.7	-148.97	-80.1	0.0	102.8	99.4	3.40	30.234		
900.0	897.5	898.5	898.5	2.1	1.9	-152.80	-80.1	0.0	116.5	112.7	3.87	30.120 SF		
1,002.8	998.3	999.3	999.3	2.4	2.1	-156.48	-80.1	0.0	134.4	130.0	4.35	30.882		
1,100.0	1,093.4	1,094.4	1,094.4	2.8	2.3	-159.50	-80.1	0.0	153.3	148.4	4.81	31.862		
1,200.0	1,191.2	1,192.2	1,192.2	3.2	2.6	-161.92	-80.1	0.0	173.0	167.7	5.28	32.755		
1,300.0	1,289.0	1,292.9	1,292.9	3.6	2.8	-164.29	-78.9	0.9	192.3	186.6	5.75	33.434		
1,400.0	1,386.8	1,394.0	1,393.8	4.1	3.0	-167.11	-74.9	3.9	210.4	204.2	6.21	33.863		
1,500.0	1,484.6	1,494.9	1,494.4	4.5	3.2	-170.30	-68.0	9.0	227.6	220.9	6.68	34.090		
1,600.0	1,582.4	1,595.4	1,594.1	4.9	3.5	-173.80	-58.3	16.3	244.2	237.0	7.15	34.159		
1,700.0	1,680.2	1,695.2	1,692.7	5.4	3.7	-177.57	-45.9	25.5	260.6	253.0	7.65	34.088		
1,800.0	1,778.0	1,794.2	1,789.9	5.8	4.0	-178.46	-30.9	36.6	277.4	269.2	8.18	33.889		
1,900.0	1,875.8	1,892.0	1,885.3	6.3	4.4	-174.33	-13.4	49.6	294.8	286.0	8.78	33.577		
2,000.0	1,973.6	1,988.4	1,978.5	6.7	4.7	-170.15	6.3	64.3	313.4	304.0	9.44	33.194		
2,100.0	2,071.4	2,083.9	2,070.6	7.2	5.1	-166.30	26.5	79.3	333.5	323.4	10.16	32.836		
2,200.0	2,169.2	2,179.4	2,162.7	7.6	5.6	-162.88	46.8	94.4	355.0	344.1	10.91	32.529		
2,300.0	2,267.0	2,274.9	2,254.9	8.1	6.0	-159.85	67.0	109.5	377.5	365.8	11.69	32.290		
2,400.0	2,364.7	2,370.4	2,347.0	8.5	6.4	-157.15	87.3	124.5	401.0	388.5	12.49	32.105		
2,500.0	2,462.5	2,465.9	2,439.1	9.0	6.9	-154.75	107.5	139.6	425.3	412.0	13.30	31.969		
2,600.0	2,560.3	2,561.4	2,531.2	9.4	7.4	-152.60	127.7	154.6	450.2	436.1	14.12	31.875		
2,700.0	2,658.1	2,656.9	2,623.3	9.9	7.8	-150.67	148.0	169.7	475.7	460.7	14.95	31.816		
2,800.0	2,755.9	2,752.4	2,715.4	10.3	8.3	-148.94	168.2	184.7	501.6	485.8	15.78	31.785		
2,900.0	2,853.7	2,847.9	2,807.5	10.8	8.8	-147.37	188.5	199.8	527.9	511.3	16.61	31.778		
3,000.0	2,951.5	2,943.4	2,899.6	11.2	9.3	-145.96	208.7	214.9	554.6	537.1	17.44	31.789		
3,100.0	3,049.3	3,038.9	2,991.7	11.7	9.8	-144.67	228.9	229.9	581.5	563.2	18.28	31.815		
3,200.0	3,147.1	3,134.4	3,083.8	12.1	10.3	-143.49	249.2	245.0	608.7	589.6	19.11	31.852		
3,300.0	3,244.9	3,229.9	3,175.9	12.6	10.8	-142.41	269.4	260.0	636.1	616.2	19.94	31.899		
3,400.0	3,342.7	3,325.4	3,268.0	13.0	11.3	-141.42	289.7	275.1	663.7	643.0	20.77	31.952		
3,500.0	3,440.5	3,420.9	3,360.1	13.5	11.8	-140.51	309.9	290.1	691.5	669.9	21.60	32.010		
3,600.0	3,538.3	3,516.4	3,452.2	13.9	12.3	-139.67	330.2	305.2	719.5	697.0	22.43	32.072		
3,700.0	3,636.1	3,611.9	3,544.3	14.4	12.8	-138.89	350.4	320.2	747.5	724.3	23.26	32.137		
3,800.0	3,733.9	3,707.4	3,636.4	14.9	13.3	-138.17	370.6	335.3	775.7	751.6	24.09	32.203		
3,900.0	3,831.7	3,802.9	3,728.5	15.3	13.8	-137.50	390.9	350.4	804.0	779.1	24.91	32.271		
4,000.0	3,929.5	3,898.4	3,820.6	15.8	14.3	-136.87	411.1	365.4	832.4	806.7	25.74	32.339		
4,100.0	4,027.3	3,993.9	3,912.7	16.2	14.8	-136.29	431.4	380.5	860.9	834.3	26.56	32.407		
4,200.0	4,125.0	4,089.4	4,004.9	16.7	15.3	-135.74	451.6	395.5	889.4	862.0	27.39	32.475		
4,300.0	4,222.8	4,184.9	4,097.0	17.1	15.8	-135.22	471.8	410.6	918.0	889.8	28.21	32.542		
4,400.0	4,320.6	4,280.4	4,189.1	17.6	16.3	-134.74	492.1	425.6	946.7	917.7	29.03	32.609		
4,500.0	4,418.4	4,375.9	4,281.2	18.0	16.8	-134.29	512.3	440.7	975.5	945.6	29.85	32.674		

<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4577.0ft (RKB - 15')

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: State North Platte P-T-26HNC

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.71°



<b>Company:</b>	BONANZA CREEK ENERGY OPERATING	<b>Local Co-ordinate Reference:</b>	Well State North Platte P-T-26HNC
<b>Project:</b>	SEC.26-T5N-R63W	<b>TVD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Reference Site:</b>	State North Platte 41-26 Pad Sec.26-T5N-R63W	<b>MD Reference:</b>	WELL @ 4577.0ft (RKB - 15')
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	State North Platte P-T-26HNC	<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 #3 (10-04-13)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4577.0ft (RKB - 15')  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.500000 °

Coordinates are relative to: State North Platte P-T-26HNC  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.71°

