

# **BONANZA CREEK ENERGY INC.**

**WELD COUNTY, COLORADO (NAD 83)**

**NW NW SEC. 22 T5N R61W 6th P.M.**

**PRONGHORN F11-J14-22HNC**

**ORIGINAL WELLBORE**

**16 September, 2014**

**Plan: PROPOSAL #1**





Project: WELD COUNTY, COLORADO (NAD 83)  
Site: NW NW SEC. 22 T5N R61W 6th P.M.  
Well: PRONGHORN F11-J14-22HNC  
Wellbore: ORIGINAL WELLBORE  
Design: PROPOSAL #1

ANNOTATIONS

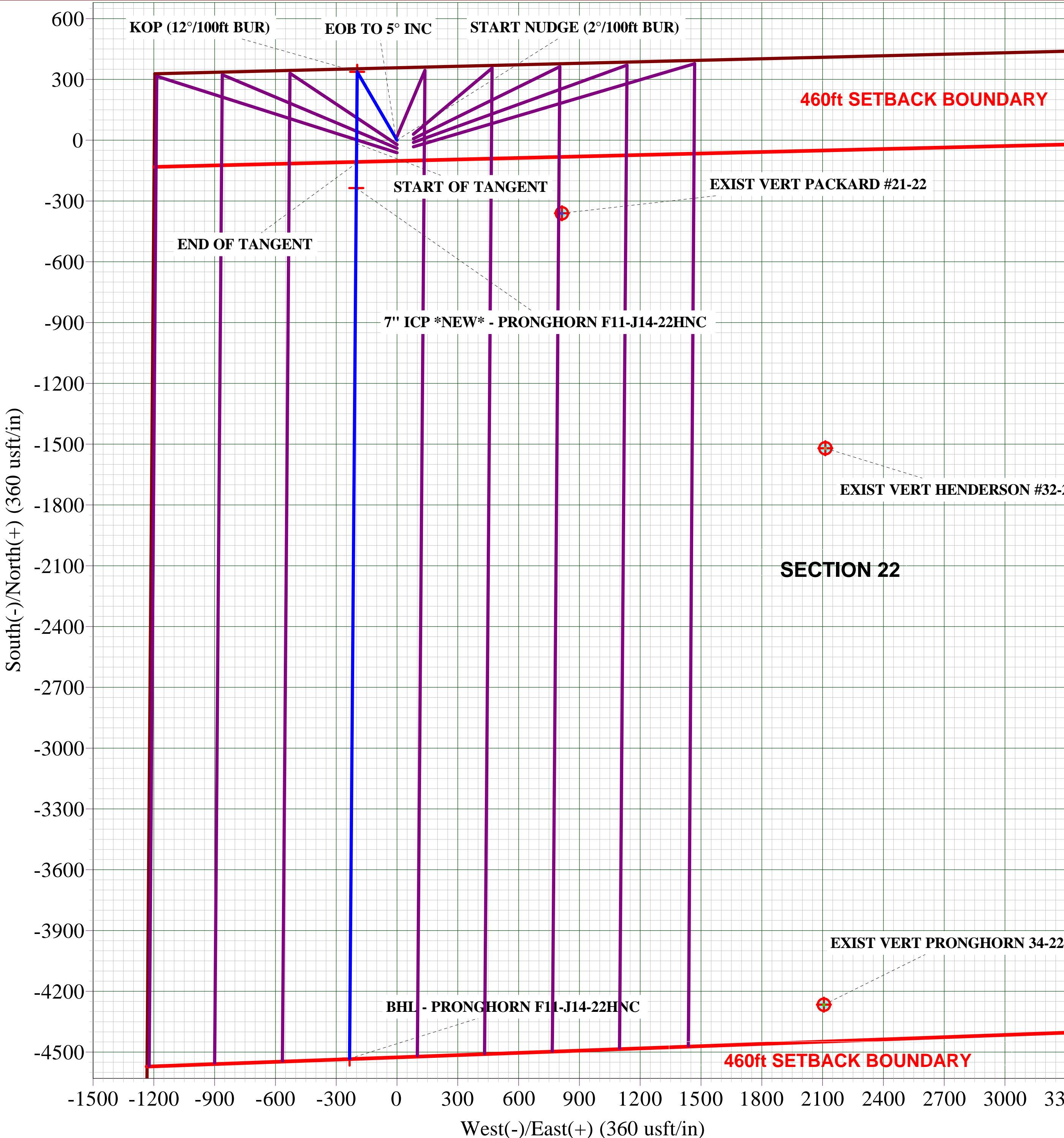
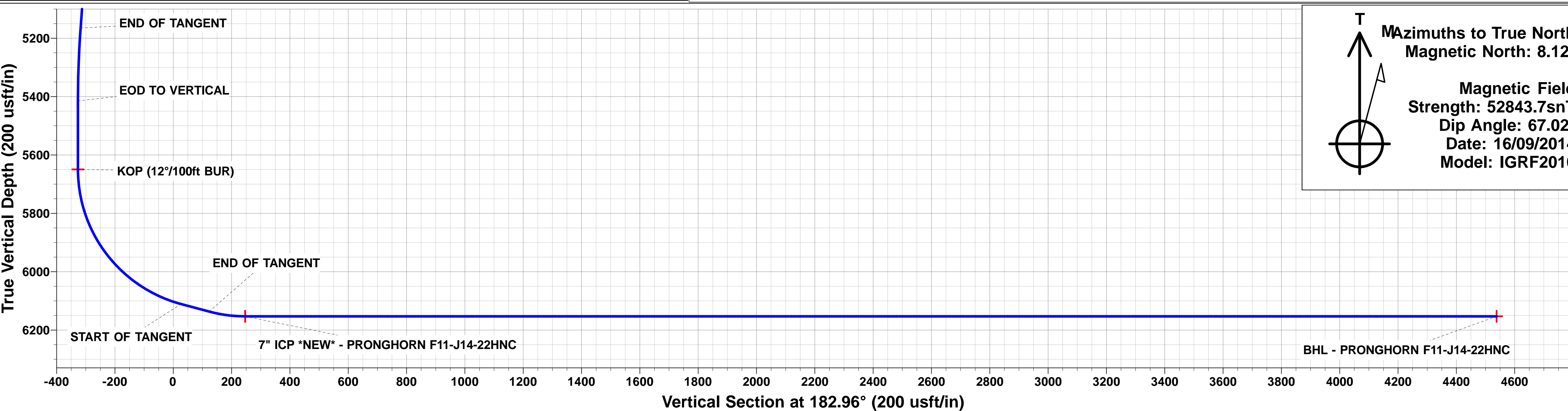
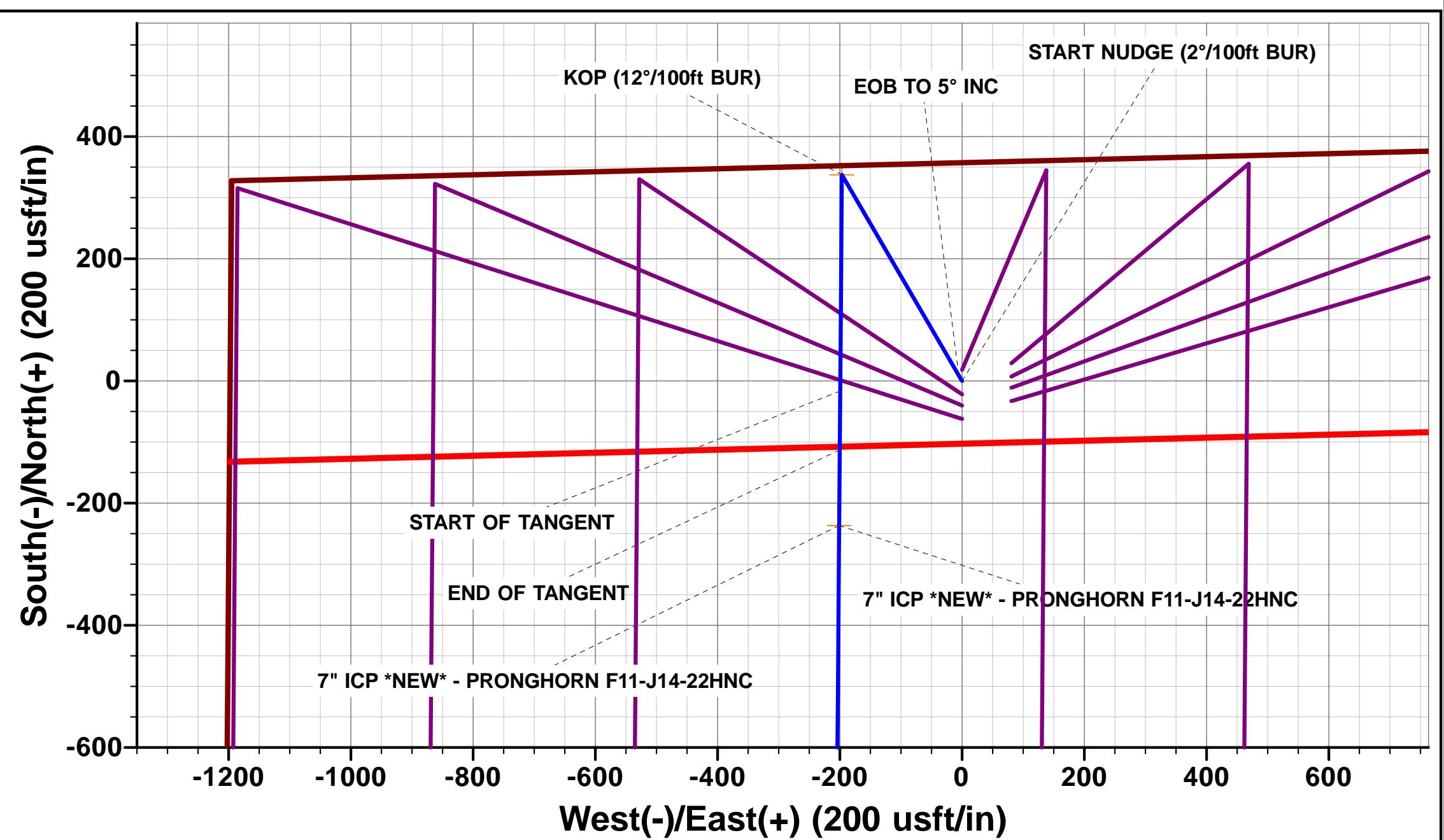
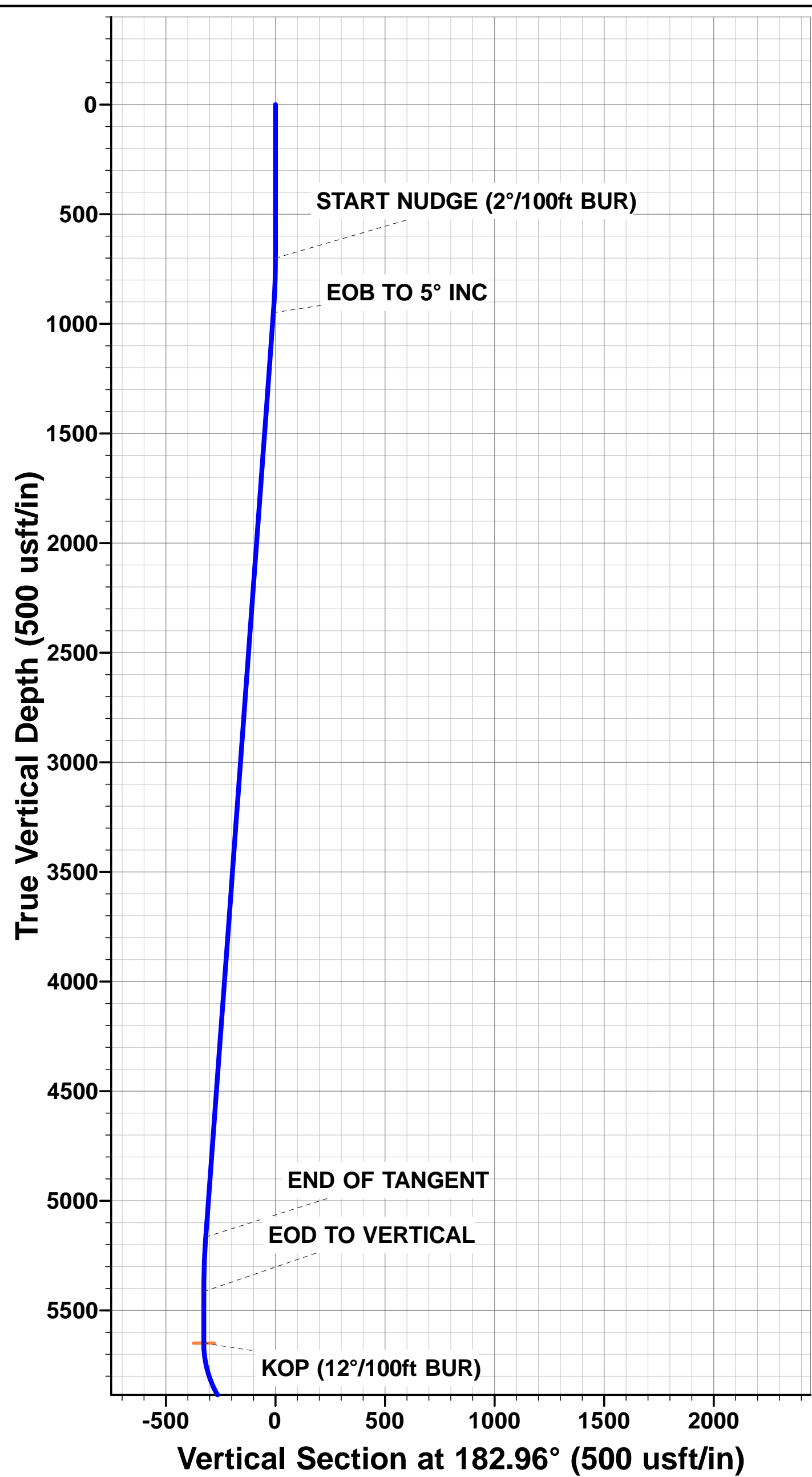
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Dep	Annotation
700.0	700.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)
949.7	950.0	5.00	329.78	9.4	-5.5	-9.1	10.9	EOB TO 5° INC
5165.0	5181.4	5.00	329.78	328.1	-191.1	-317.8	379.7	END OF TANGENT
5414.7	5431.4	0.00	0.00	337.5	-196.6	-326.9	390.6	EOD TO VERTICAL
5649.7	5666.4	0.00	0.00	337.5	-196.6	-326.9	390.6	KOP (12°/100ft BUR)
6110.9	6291.4	75.00	180.44	-16.4	-199.3	26.6	744.5	START OF TANGENT
6136.8	6391.4	75.00	180.44	-113.0	-200.1	123.1	841.1	END OF TANGENT
6153.0	6516.4	90.00	180.44	-236.5	-201.0	246.6	964.6	7" ICP *NEW* - PRONGHORN F11-J14-22HNC
6153.0	10812.0	90.00	180.44	-4532.0	-234.0	4538.1	5260.2	BHL - PRONGHORN F11-J14-22HNC

LOCAL COORDINATES:

SHL: 359ft FNL & 1199ft FWL Sec 22  
7" ICP \*NEW\*: ft 589ft FNL & 1000ft FWL Sec 22  
BHL: 470ft FSL & 1000ft FWL Sec 22

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - PRONGHORN F11-J14-22HNC	5649.7	337.5	-196.6	40.393606	-104.200846
BHL - PRONGHORN F11-J14-22HNC	6153.0	-4532.0	-234.0	40.380240	-104.200980
7" ICP *NEW* - PRONGHORN F11-J14-22HNC	6153.0	-236.5	-201.0	40.392031	-104.200862



Mazimuths to True North  
Magnetic North: 8.12°  
Magnetic Field  
Strength: 52843.7snT  
Dip Angle: 67.02°  
Date: 16/09/2014  
Model: IGRF2010

# Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well PRONGHORN F11-J14-22HNC
<b>Company:</b>	BONANZA CREEK ENERGY INC.	<b>TVD Reference:</b>	KB-EST @ 4678.0usft (Original Well Elev)
<b>Project:</b>	WELD COUNTY, COLORADO (NAD 83)	<b>MD Reference:</b>	KB-EST @ 4678.0usft (Original Well Elev)
<b>Site:</b>	NW NW SEC. 22 T5N R61W 6th P.M.	<b>North Reference:</b>	True
<b>Well:</b>	PRONGHORN F11-J14-22HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #1		

<b>Project</b>	WELD COUNTY, COLORADO (NAD 83)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Northern Zone		Using geodetic scale factor

<b>Site</b>	NW NW SEC. 22 T5N R61W 6th P.M.		
<b>Site Position:</b>		<b>Northing:</b>	1,388,515.79 usft
<b>From:</b>	Lat/Long	<b>Easting:</b>	3,362,131.84 usft
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	1.10000ft
		<b>Latitude:</b>	40.392590
		<b>Longitude:</b>	-104.199850
		<b>Grid Convergence:</b>	0.84 °

<b>Well</b>	PRONGHORN F11-J14-22HNC		
<b>Well Position</b>	<b>+N-S</b>	32.8 usft	<b>Northing:</b>
	<b>+E-W</b>	-80.8 usft	<b>Easting:</b>
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>
			<b>Latitude:</b>
			<b>Longitude:</b>
			<b>Ground Level:</b>

<b>Wellbore</b>	ORIGINAL WELLBORE				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	16/09/2014	8.12	67.02	52,844

<b>Design</b>	PROPOSAL #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N-S (usft)</b>	<b>+E-W (usft)</b>	<b>Direction (°)</b>
	6,153.0	0.0	0.0	182.96

<b>Plan Sections</b>											
MD (usft)	Inc (°)	Azi (°)	Vertical Depth	SS (usft)	+N-S (usft)	+E-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	-4,678.0	0.0	0.0	0.00	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	-3,978.0	0.0	0.0	0.00	0.00	0.00	0.00	
950.0	5.00	329.78	949.7	-3,728.3	9.4	-5.5	2.00	2.00	0.00	329.78	
5,181.4	5.00	329.78	5,165.0	487.0	328.1	-191.1	0.00	0.00	0.00	0.00	
5,431.4	0.00	0.00	5,414.7	736.7	337.5	-196.6	2.00	-2.00	0.00	180.00	
5,666.4	0.00	0.00	5,649.7	971.7	337.5	-196.6	0.00	0.00	0.00	0.00	KOP - PRONGHOF
6,291.4	75.00	180.44	6,110.9	1,432.9	-16.4	-199.3	12.00	12.00	0.00	180.44	
6,391.4	75.00	180.44	6,136.8	1,458.8	-113.0	-200.1	0.00	0.00	0.00	0.00	
6,516.4	90.00	180.44	6,153.0	1,475.0	-236.5	-201.0	12.00	12.00	0.00	0.00	
10,812.0	90.00	180.44	6,153.0	1,475.0	-4,532.0	-234.0	0.00	0.00	0.00	0.00	BHL - PRONGHOR

# Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well PRONGHORN F11-J14-22HNC
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<b>Project:</b>	WELD COUNTY, COLORADO (NAD 83)	<b>MD Reference:</b>	KB-EST @ 4678.0usft (Original Well Elev)
<b>Site:</b>	NW NW SEC. 22 T5N R61W 6th P.M.	<b>North Reference:</b>	True
<b>Well:</b>	PRONGHORN F11-J14-22HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #1		

## Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	4,678.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	4,578.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	4,478.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	4,378.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	4,278.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	4,178.00	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	4,078.00	0.0	0.0	0.0	0.00	0.00	0.00
<b>START NUDGE (2°/100ft BUR)</b>										
700.0	0.00	0.00	700.0	3,978.00	0.0	0.0	0.0	0.00	0.00	0.00
800.0	2.00	329.78	800.0	3,878.02	1.5	-0.9	-1.5	2.00	2.00	0.00
900.0	4.00	329.78	899.8	3,778.16	6.0	-3.5	-5.8	2.00	2.00	0.00
<b>EOB TO 5° INC</b>										
950.0	5.00	329.78	949.7	3,728.32	9.4	-5.5	-9.1	2.00	2.00	0.00
1,000.0	5.00	329.78	999.5	3,678.51	13.2	-7.7	-12.8	0.00	0.00	0.00
1,100.0	5.00	329.78	1,099.1	3,578.89	20.7	-12.1	-20.1	0.00	0.00	0.00
1,200.0	5.00	329.78	1,198.7	3,479.27	28.2	-16.5	-27.4	0.00	0.00	0.00
1,300.0	5.00	329.78	1,298.4	3,379.65	35.8	-20.8	-34.7	0.00	0.00	0.00
1,400.0	5.00	329.78	1,398.0	3,280.03	43.3	-25.2	-41.9	0.00	0.00	0.00
1,500.0	5.00	329.78	1,497.6	3,180.41	50.8	-29.6	-49.2	0.00	0.00	0.00
1,600.0	5.00	329.78	1,597.2	3,080.79	58.4	-34.0	-56.5	0.00	0.00	0.00
1,700.0	5.00	329.78	1,696.8	2,981.17	65.9	-38.4	-63.8	0.00	0.00	0.00
1,800.0	5.00	329.78	1,796.4	2,881.55	73.4	-42.8	-71.1	0.00	0.00	0.00
1,900.0	5.00	329.78	1,896.1	2,781.93	81.0	-47.2	-78.4	0.00	0.00	0.00
2,000.0	5.00	329.78	1,995.7	2,682.31	88.5	-51.5	-85.7	0.00	0.00	0.00
2,100.0	5.00	329.78	2,095.3	2,582.69	96.0	-55.9	-93.0	0.00	0.00	0.00
2,200.0	5.00	329.78	2,194.9	2,483.07	103.6	-60.3	-100.3	0.00	0.00	0.00
2,300.0	5.00	329.78	2,294.5	2,383.45	111.1	-64.7	-107.6	0.00	0.00	0.00
2,400.0	5.00	329.78	2,394.2	2,283.83	118.6	-69.1	-114.9	0.00	0.00	0.00
2,500.0	5.00	329.78	2,493.8	2,184.22	126.1	-73.5	-122.2	0.00	0.00	0.00
2,600.0	5.00	329.78	2,593.4	2,084.60	133.7	-77.9	-129.5	0.00	0.00	0.00
2,700.0	5.00	329.78	2,693.0	1,984.98	141.2	-82.3	-136.8	0.00	0.00	0.00
2,800.0	5.00	329.78	2,792.6	1,885.36	148.7	-86.6	-144.1	0.00	0.00	0.00
2,900.0	5.00	329.78	2,892.3	1,785.74	156.3	-91.0	-151.4	0.00	0.00	0.00
3,000.0	5.00	329.78	2,991.9	1,686.12	163.8	-95.4	-158.7	0.00	0.00	0.00
3,100.0	5.00	329.78	3,091.5	1,586.50	171.3	-99.8	-166.0	0.00	0.00	0.00
3,200.0	5.00	329.78	3,191.1	1,486.88	178.9	-104.2	-173.3	0.00	0.00	0.00
3,300.0	5.00	329.78	3,290.7	1,387.26	186.4	-108.6	-180.5	0.00	0.00	0.00
3,400.0	5.00	329.78	3,390.4	1,287.64	193.9	-113.0	-187.8	0.00	0.00	0.00
3,500.0	5.00	329.78	3,490.0	1,188.02	201.5	-117.4	-195.1	0.00	0.00	0.00
3,600.0	5.00	329.78	3,589.6	1,088.40	209.0	-121.7	-202.4	0.00	0.00	0.00
3,700.0	5.00	329.78	3,689.2	988.78	216.5	-126.1	-209.7	0.00	0.00	0.00
3,800.0	5.00	329.78	3,788.8	889.16	224.0	-130.5	-217.0	0.00	0.00	0.00
3,900.0	5.00	329.78	3,888.5	789.54	231.6	-134.9	-224.3	0.00	0.00	0.00
4,000.0	5.00	329.78	3,988.1	689.92	239.1	-139.3	-231.6	0.00	0.00	0.00
4,100.0	5.00	329.78	4,087.7	590.30	246.6	-143.7	-238.9	0.00	0.00	0.00
4,200.0	5.00	329.78	4,187.3	490.68	254.2	-148.1	-246.2	0.00	0.00	0.00
4,300.0	5.00	329.78	4,286.9	391.06	261.7	-152.4	-253.5	0.00	0.00	0.00
4,400.0	5.00	329.78	4,386.6	291.44	269.2	-156.8	-260.8	0.00	0.00	0.00
4,500.0	5.00	329.78	4,486.2	191.83	276.8	-161.2	-268.1	0.00	0.00	0.00
4,600.0	5.00	329.78	4,585.8	92.21	284.3	-165.6	-275.4	0.00	0.00	0.00
4,700.0	5.00	329.78	4,685.4	-7.41	291.8	-170.0	-282.7	0.00	0.00	0.00
4,800.0	5.00	329.78	4,785.0	-107.03	299.4	-174.4	-290.0	0.00	0.00	0.00
4,900.0	5.00	329.78	4,884.7	-206.65	306.9	-178.8	-297.3	0.00	0.00	0.00
5,000.0	5.00	329.78	4,984.3	-306.27	314.4	-183.2	-304.6	0.00	0.00	0.00

# Planning Report



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<b>Well:</b>	PRONGHORN F11-J14-22HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #1		

## Planned Survey

MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.0	5.00	329.78	5,083.9	-405.89	321.9	-187.5	-311.8	0.00	0.00	0.00
<b>END OF TANGENT</b>										
<b>5,181.4</b>	<b>5.00</b>	<b>329.78</b>	<b>5,165.0</b>	<b>-487.02</b>	<b>328.1</b>	<b>-191.1</b>	<b>-317.8</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
5,200.0	4.63	329.78	5,183.5	-505.52	329.4	-191.9	-319.1	2.00	-2.00	0.00
5,300.0	2.63	329.78	5,283.3	-605.31	334.9	-195.1	-324.4	2.00	-2.00	0.00
5,400.0	0.63	329.78	5,383.3	-705.27	337.4	-196.5	-326.8	2.00	-2.00	0.00
<b>EOD TO VERTICAL</b>										
<b>5,431.4</b>	<b>0.00</b>	<b>0.00</b>	<b>5,414.7</b>	<b>-736.70</b>	<b>337.5</b>	<b>-196.6</b>	<b>-326.9</b>	<b>2.00</b>	<b>-2.00</b>	<b>0.00</b>
5,500.0	0.00	0.00	5,483.3	-805.26	337.5	-196.6	-326.9	0.00	0.00	0.00
5,600.0	0.00	0.00	5,583.3	-905.26	337.5	-196.6	-326.9	0.00	0.00	0.00
<b>KOP (12°/100ft BUR)</b>										
<b>5,666.4</b>	<b>0.00</b>	<b>0.00</b>	<b>5,649.7</b>	<b>-971.70</b>	<b>337.5</b>	<b>-196.6</b>	<b>-326.9</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
5,700.0	4.03	180.44	5,683.2	-1,005.24	336.3	-196.6	-325.7	12.00	12.00	0.00
5,800.0	16.03	180.44	5,781.5	-1,103.53	318.9	-196.7	-308.4	12.00	12.00	0.00
5,900.0	28.03	180.44	5,874.1	-1,196.06	281.5	-197.0	-271.0	12.00	12.00	0.00
6,000.0	40.03	180.44	5,956.8	-1,278.79	225.6	-197.5	-215.2	12.00	12.00	0.00
6,100.0	52.03	180.44	6,026.1	-1,348.09	153.8	-198.0	-143.4	12.00	12.00	0.00
6,200.0	64.03	180.44	6,078.9	-1,400.94	69.1	-198.7	-58.8	12.00	12.00	0.00
<b>START OF TANGENT</b>										
<b>6,291.4</b>	<b>75.00</b>	<b>180.44</b>	<b>6,110.9</b>	<b>-1,432.90</b>	<b>-16.4</b>	<b>-199.3</b>	<b>26.6</b>	<b>12.00</b>	<b>12.00</b>	<b>0.00</b>
6,300.0	75.00	180.44	6,113.1	-1,435.11	-24.6	-199.4	34.9	0.00	0.00	0.00
<b>END OF TANGENT</b>										
<b>6,391.4</b>	<b>75.00</b>	<b>180.44</b>	<b>6,136.8</b>	<b>-1,458.78</b>	<b>-113.0</b>	<b>-200.1</b>	<b>123.1</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
6,400.0	76.03	180.44	6,138.9	-1,460.92	-121.3	-200.1	131.4	12.00	12.00	0.00
6,500.0	88.03	180.44	6,152.8	-1,474.76	-220.1	-200.9	230.2	12.00	12.00	0.00
<b>7" ICP *NEW* - PRONGHORN F11-J14-22HNC</b>										
<b>6,516.4</b>	<b>90.00</b>	<b>180.44</b>	<b>6,153.0</b>	<b>-1,475.05</b>	<b>-236.5</b>	<b>-201.0</b>	<b>246.6</b>	<b>12.00</b>	<b>12.00</b>	<b>0.00</b>
6,600.0	90.00	180.44	6,153.0	-1,475.05	-320.1	-201.7	330.1	0.00	0.00	0.00
6,700.0	90.00	180.44	6,153.0	-1,475.05	-420.1	-202.4	430.0	0.00	0.00	0.00
6,800.0	90.00	180.44	6,153.0	-1,475.05	-520.1	-203.2	529.9	0.00	0.00	0.00
6,900.0	90.00	180.44	6,153.0	-1,475.05	-620.1	-204.0	629.8	0.00	0.00	0.00
7,000.0	90.00	180.44	6,153.0	-1,475.05	-720.1	-204.7	729.7	0.00	0.00	0.00
7,100.0	90.00	180.44	6,153.0	-1,475.05	-820.1	-205.5	829.6	0.00	0.00	0.00
7,200.0	90.00	180.44	6,153.0	-1,475.05	-920.1	-206.3	929.5	0.00	0.00	0.00
7,300.0	90.00	180.44	6,153.0	-1,475.05	-1,020.1	-207.0	1,029.4	0.00	0.00	0.00
7,400.0	90.00	180.44	6,153.0	-1,475.05	-1,120.1	-207.8	1,129.3	0.00	0.00	0.00
7,500.0	90.00	180.44	6,153.0	-1,475.05	-1,220.1	-208.6	1,229.2	0.00	0.00	0.00
7,600.0	90.00	180.44	6,153.0	-1,475.05	-1,320.1	-209.3	1,329.1	0.00	0.00	0.00
7,700.0	90.00	180.44	6,153.0	-1,475.05	-1,420.1	-210.1	1,429.0	0.00	0.00	0.00
7,800.0	90.00	180.44	6,153.0	-1,475.05	-1,520.1	-210.9	1,528.9	0.00	0.00	0.00
7,900.0	90.00	180.44	6,153.0	-1,475.05	-1,620.1	-211.6	1,628.8	0.00	0.00	0.00
8,000.0	90.00	180.44	6,153.0	-1,475.05	-1,720.1	-212.4	1,728.7	0.00	0.00	0.00
8,100.0	90.00	180.44	6,153.0	-1,475.05	-1,820.1	-213.2	1,828.6	0.00	0.00	0.00
8,200.0	90.00	180.44	6,153.0	-1,475.05	-1,920.1	-213.9	1,928.5	0.00	0.00	0.00
8,300.0	90.00	180.44	6,153.0	-1,475.05	-2,020.1	-214.7	2,028.4	0.00	0.00	0.00
8,400.0	90.00	180.44	6,153.0	-1,475.05	-2,120.0	-215.5	2,128.3	0.00	0.00	0.00
8,500.0	90.00	180.44	6,153.0	-1,475.05	-2,220.0	-216.2	2,228.2	0.00	0.00	0.00
8,600.0	90.00	180.44	6,153.0	-1,475.05	-2,320.0	-217.0	2,328.1	0.00	0.00	0.00
8,700.0	90.00	180.44	6,153.0	-1,475.05	-2,420.0	-217.8	2,428.1	0.00	0.00	0.00
8,800.0	90.00	180.44	6,153.0	-1,475.05	-2,520.0	-218.5	2,528.0	0.00	0.00	0.00
8,900.0	90.00	180.44	6,153.0	-1,475.05	-2,620.0	-219.3	2,627.9	0.00	0.00	0.00
9,000.0	90.00	180.44	6,153.0	-1,475.05	-2,720.0	-220.1	2,727.8	0.00	0.00	0.00
9,100.0	90.00	180.44	6,153.0	-1,475.05	-2,820.0	-220.8	2,827.7	0.00	0.00	0.00



# Planning Report



<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Well PRONGHORN F11-J14-22HNC
<b>Company:</b>	BONANZA CREEK ENERGY INC.	<b>TVD Reference:</b>	KB-EST @ 4678.0usft (Original Well Elev)
<b>Project:</b>	WELD COUNTY, COLORADO (NAD 83)	<b>MD Reference:</b>	KB-EST @ 4678.0usft (Original Well Elev)
<b>Site:</b>	NW NW SEC. 22 T5N R61W 6th P.M.	<b>North Reference:</b>	True
<b>Well:</b>	PRONGHORN F11-J14-22HNC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ORIGINAL WELLBORE		
<b>Design:</b>	PROPOSAL #1		

Planned Survey										
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	SS (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,200.0	90.00	180.44	6,153.0	-1,475.05	-2,920.0	-221.6	2,927.6	0.00	0.00	0.00
9,300.0	90.00	180.44	6,153.0	-1,475.05	-3,020.0	-222.4	3,027.5	0.00	0.00	0.00
9,400.0	90.00	180.44	6,153.0	-1,475.05	-3,120.0	-223.2	3,127.4	0.00	0.00	0.00
9,500.0	90.00	180.44	6,153.0	-1,475.05	-3,220.0	-223.9	3,227.3	0.00	0.00	0.00
9,600.0	90.00	180.44	6,153.0	-1,475.05	-3,320.0	-224.7	3,327.2	0.00	0.00	0.00
9,700.0	90.00	180.44	6,153.0	-1,475.05	-3,420.0	-225.5	3,427.1	0.00	0.00	0.00
9,800.0	90.00	180.44	6,153.0	-1,475.05	-3,520.0	-226.2	3,527.0	0.00	0.00	0.00
9,900.0	90.00	180.44	6,153.0	-1,475.05	-3,620.0	-227.0	3,626.9	0.00	0.00	0.00
10,000.0	90.00	180.44	6,153.0	-1,475.05	-3,720.0	-227.8	3,726.8	0.00	0.00	0.00
10,100.0	90.00	180.44	6,153.0	-1,475.05	-3,820.0	-228.5	3,826.7	0.00	0.00	0.00
10,200.0	90.00	180.44	6,153.0	-1,475.05	-3,920.0	-229.3	3,926.6	0.00	0.00	0.00
10,300.0	90.00	180.44	6,153.0	-1,475.05	-4,020.0	-230.1	4,026.5	0.00	0.00	0.00
10,400.0	90.00	180.44	6,153.0	-1,475.05	-4,120.0	-230.8	4,126.4	0.00	0.00	0.00
10,500.0	90.00	180.44	6,153.0	-1,475.05	-4,220.0	-231.6	4,226.3	0.00	0.00	0.00
10,600.0	90.00	180.44	6,153.0	-1,475.05	-4,320.0	-232.4	4,326.2	0.00	0.00	0.00
10,700.0	90.00	180.44	6,153.0	-1,475.05	-4,420.0	-233.1	4,426.1	0.00	0.00	0.00
10,800.0	90.00	180.44	6,153.0	-1,475.05	-4,520.0	-233.9	4,526.0	0.00	0.00	0.00
<b>BHL - PRONGHORN F11-J14-22HNC</b>										
<b>10,812.0</b>	<b>90.00</b>	<b>180.44</b>	<b>6,153.0</b>	<b>-1,475.00</b>	<b>-4,532.0</b>	<b>-234.0</b>	<b>4,538.1</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Plan Annotations				
MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
700.0	700.0	0.0	0.0	START NUDGE (2°/100ft BUR)
950.0	949.7	9.4	-5.5	EOB TO 5° INC
5,181.4	5,165.0	328.1	-191.1	END OF TANGENT
5,431.4	5,414.7	337.5	-196.6	EOD TO VERTICAL
5,666.4	5,649.7	337.5	-196.6	KOP (12°/100ft BUR)
6,291.4	6,110.9	-16.4	-199.3	START OF TANGENT
6,391.4	6,136.8	-113.0	-200.1	END OF TANGENT
6,516.4	6,153.0	-236.5	-201.0	7" ICP *NEW* - PRONGHORN F11-J14-22HNC
10,812.0	6,153.0	-4,532.0	-234.0	BHL - PRONGHORN F11-J14-22HNC