

BONANZA CREEK ENERGY INC.

WELD COUNTY, COLORADO (NAD 83)

SE SW SEC. 27 T5N R63W 6th P.M.

NORTH PLATTE P31-T34-34HC

ORIGINAL WELLBORE

23 April, 2015

Plan: PROPOSAL #2





Project: WELD COUNTY, COLORADO (NAD 83)
Site: SE SW SEC. 27 T5N R63W 6th P.M.
Well: NORTH PLATTE P31-T34-34HC
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #2

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Dep	Annotation
1200.0	1200.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)
2421.4	2461.8	25.24	136.33	-197.8	188.8	231.4	273.4	EOB TO 25.24° INC
4749.3	5035.3	25.24	136.33	-991.4	946.4	1159.8	1370.6	END OF TANGENT
5970.7	6297.1	0.00	136.33	-1189.2	1135.2	1391.1	1644.0	EOD TO VERTICAL
6000.7	6327.1	0.00	0.00	-1189.2	1135.2	1391.1	1644.0	KOP (12°/100ft BUR)
6461.9	6952.1	75.00	178.98	-1543.0	1141.5	1739.1	1997.9	START OF TANGENT
6487.8	7052.1	75.00	178.98	-1639.6	1143.2	1834.1	2094.5	END OF TANGENT
6504.0	7177.1	90.00	178.98	-1763.1	1145.4	1955.7	2218.1	7" ICP - NORTH PLATTE P31-T34-34HC
6504.0	11433.0	90.00	178.99	-6018.3	1220.8	6140.9	6473.9	BHL - NORTH PLATTE P31-T34-34HC

PROPOSED LOCAL COORDINATES:

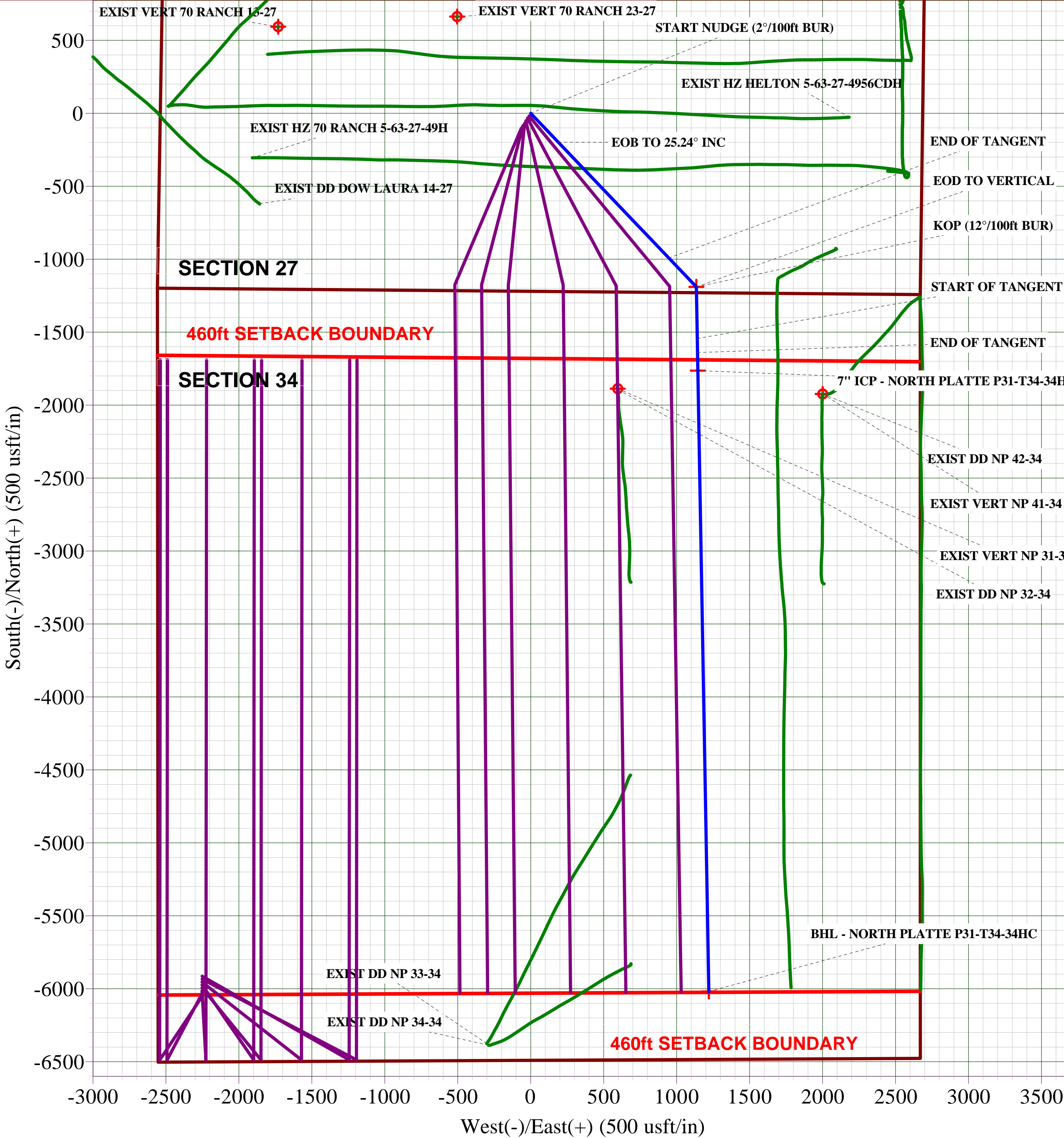
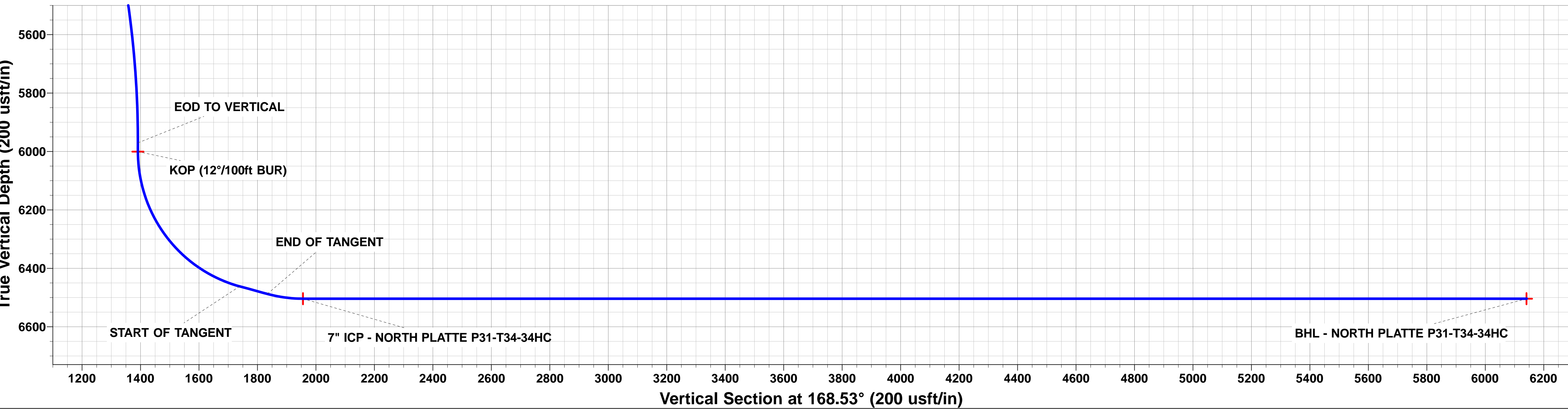
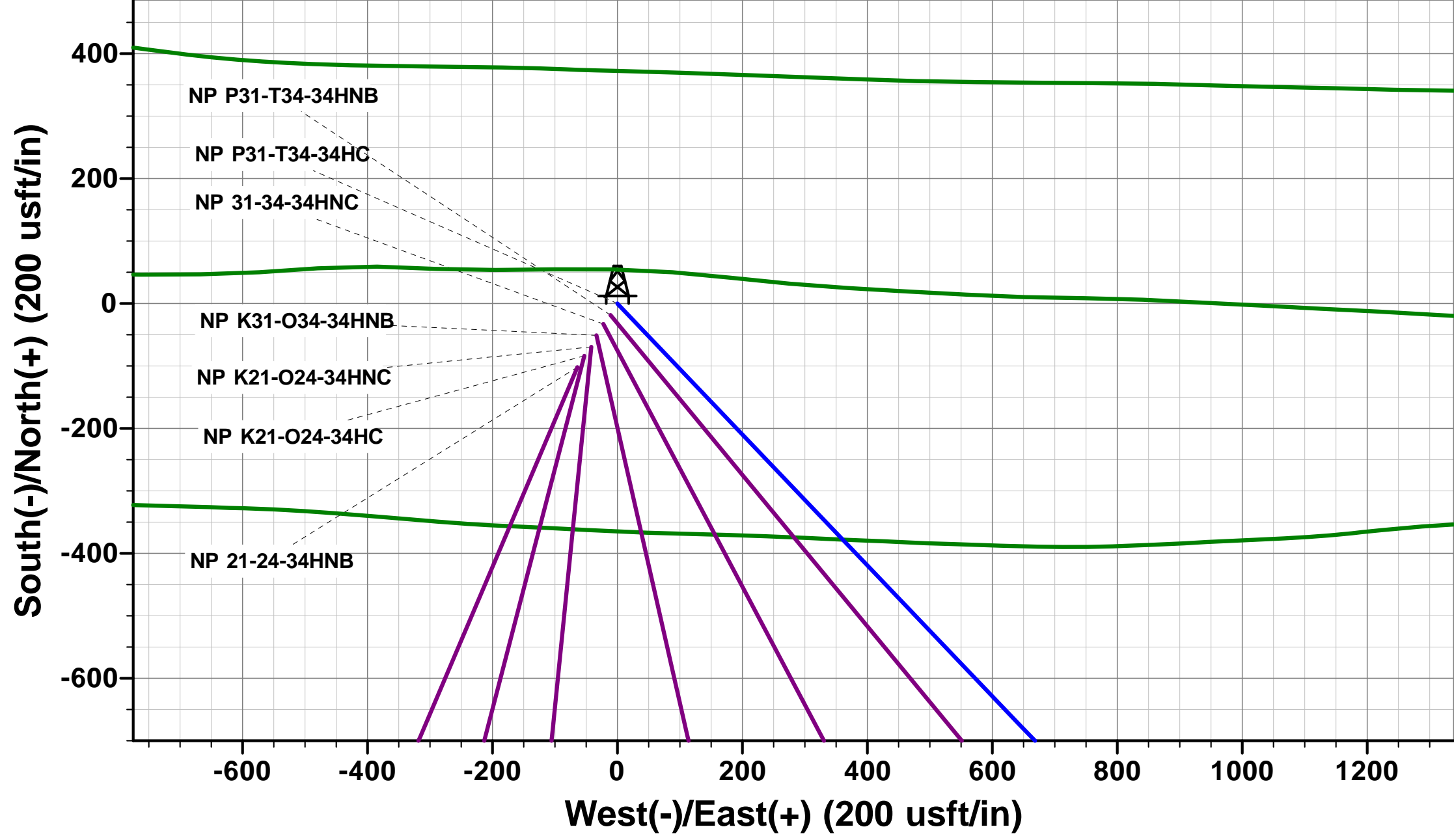
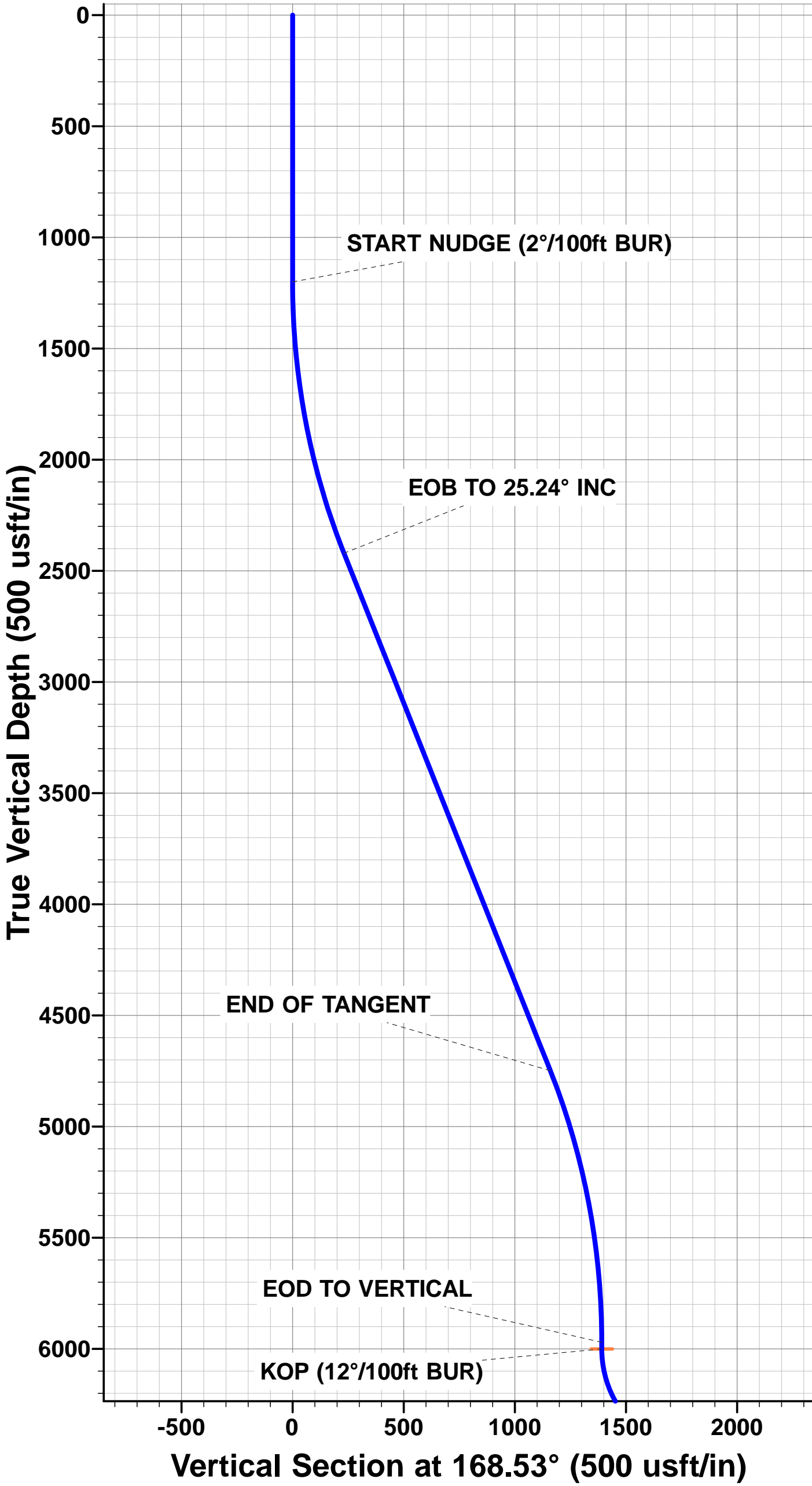
SHL: 1222ft FSL & 2512ft FWL Sec 27

7" ICP : 531ft FNL & 1525ft FEL Sec 34

BHL: 470ft FSL & 1449ft FEL Sec 34

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - NORTH PLATTE P31-T34-34HC	6000.7	-1189.2	1135.2	40.363306	-104.418176
7" ICP - NORTH PLATTE P31-T34-34HC	6504.0	-1763.2	1145.4	40.361730	-104.418140
BHL - NORTH PLATTE P31-T34-34HC	6504.0	-6018.3	1220.8	40.350050	-104.417870



Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well NORTH PLATTE P31-T34-34HC
Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4559.0usft
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4559.0usft
Site:	SE SW SEC. 27 T5N R63W 6th P.M.	North Reference:	True
Well:	NORTH PLATTE P31-T34-34HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

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

Site	SE SW SEC. 27 T5N R63W 6th P.M.		
Site Position:		Northing:	1,378,104.19 usft
From:	Lat/Long	Easting:	3,300,242.31 usft
Position Uncertainty:	0.0 usft	Slot Radius:	1.10000ft
		Latitude:	40.366290
		Longitude:	-104.422480
		Grid Convergence:	0.70 °

Well	NORTH PLATTE P31-T34-34HC		
Well Position	+N/-S	102.0 usft	Northing:
	+E/-W	64.1 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	ORIGINAL WELLBORE				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	23/04/2015	8.25	66.94	52,659

Design	PROPOSAL #2			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	6,514.0	0.0	0.0	168.53

Plan Sections											
MD (usft)	Inc (°)	Azi (°)	Vertical Depth	SS (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100usf)	Turn Rate (°/100usf)	TFO (°)	Target
0.0	0.00	0.00	0.0	-4,559.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	-3,359.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,461.8	25.24	136.33	2,421.4	-2,137.6	-197.8	188.8	2.00	2.00	0.00	136.33	
5,035.3	25.24	136.33	4,749.3	190.3	-991.4	946.4	0.00	0.00	0.00	0.00	
6,297.1	0.00	0.00	5,970.7	1,411.7	-1,189.2	1,135.2	2.00	-2.00	0.00	180.00	
6,327.1	0.00	0.00	6,000.7	1,441.7	-1,189.2	1,135.2	0.00	0.00	0.00	0.00	KOP - NORTH PLA
6,952.1	75.00	178.98	6,461.9	1,902.9	-1,543.0	1,141.5	12.00	12.00	0.00	178.98	
7,052.1	75.00	178.98	6,487.8	1,928.8	-1,639.6	1,143.2	0.00	0.00	0.00	0.00	
7,177.1	90.00	178.98	6,504.0	1,945.0	-1,763.2	1,145.4	12.00	12.00	0.00	0.00	
11,433.0	90.00	178.99	6,504.0	1,945.0	-6,018.3	1,220.8	0.00	0.00	0.00	82.50	BHL - NORTH PLA

Planning Report



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Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4559.0usft
Site:	SE SW SEC. 27 T5N R63W 6th P.M.	North Reference:	True
Well:	NORTH PLATTE P31-T34-34HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

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	4,559.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	4,459.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	4,359.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	4,259.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	4,159.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	4,059.00	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	3,959.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	3,859.00	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	3,759.00	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	3,659.00	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	3,559.00	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	3,459.00	0.0	0.0	0.0	0.00	0.00	0.00
START NUDGE (2°/100ft BUR)										
1,200.0	0.00	0.00	1,200.0	3,359.00	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	2.00	136.33	1,300.0	3,259.02	-1.3	1.2	1.5	2.00	2.00	0.00
1,400.0	4.00	136.33	1,399.8	3,159.16	-5.0	4.8	5.9	2.00	2.00	0.00
1,500.0	6.00	136.33	1,499.5	3,059.55	-11.4	10.8	13.3	2.00	2.00	0.00
1,600.0	8.00	136.33	1,598.7	2,960.30	-20.2	19.3	23.6	2.00	2.00	0.00
1,700.0	10.00	136.33	1,697.5	2,861.53	-31.5	30.1	36.8	2.00	2.00	0.00
1,800.0	12.00	136.33	1,795.6	2,763.38	-45.3	43.2	53.0	2.00	2.00	0.00
1,900.0	14.00	136.33	1,893.1	2,665.94	-61.6	58.8	72.0	2.00	2.00	0.00
2,000.0	16.00	136.33	1,989.6	2,569.36	-80.3	76.6	93.9	2.00	2.00	0.00
2,100.0	18.00	136.33	2,085.3	2,473.73	-101.4	96.8	118.6	2.00	2.00	0.00
2,200.0	20.00	136.33	2,179.8	2,379.18	-125.0	119.3	146.2	2.00	2.00	0.00
2,300.0	22.00	136.33	2,273.2	2,285.83	-150.9	144.0	176.5	2.00	2.00	0.00
2,400.0	24.00	136.33	2,365.2	2,193.79	-179.2	171.0	209.6	2.00	2.00	0.00
EOB TO 25.24° INC										
2,461.8	25.24	136.33	2,421.4	2,137.60	-197.8	188.8	231.4	2.00	2.00	0.00
2,500.0	25.24	136.33	2,456.0	2,103.05	-209.6	200.0	245.1	0.00	0.00	0.00
2,600.0	25.24	136.33	2,546.4	2,012.59	-240.4	229.5	281.2	0.00	0.00	0.00
2,700.0	25.24	136.33	2,636.9	1,922.14	-271.2	258.9	317.3	0.00	0.00	0.00
2,800.0	25.24	136.33	2,727.3	1,831.68	-302.1	288.4	353.4	0.00	0.00	0.00
2,900.0	25.24	136.33	2,817.8	1,741.23	-332.9	317.8	389.4	0.00	0.00	0.00
3,000.0	25.24	136.33	2,908.2	1,650.77	-363.7	347.2	425.5	0.00	0.00	0.00
3,100.0	25.24	136.33	2,998.7	1,560.31	-394.6	376.7	461.6	0.00	0.00	0.00
3,200.0	25.24	136.33	3,089.1	1,469.86	-425.4	406.1	497.7	0.00	0.00	0.00
3,300.0	25.24	136.33	3,179.6	1,379.40	-456.3	435.5	533.7	0.00	0.00	0.00
3,400.0	25.24	136.33	3,270.1	1,288.94	-487.1	465.0	569.8	0.00	0.00	0.00
3,500.0	25.24	136.33	3,360.5	1,198.49	-517.9	494.4	605.9	0.00	0.00	0.00
3,600.0	25.24	136.33	3,451.0	1,108.03	-548.8	523.9	642.0	0.00	0.00	0.00
3,700.0	25.24	136.33	3,541.4	1,017.58	-579.6	553.3	678.1	0.00	0.00	0.00
3,800.0	25.24	136.33	3,631.9	927.12	-610.5	582.7	714.1	0.00	0.00	0.00
3,900.0	25.24	136.33	3,722.3	836.66	-641.3	612.2	750.2	0.00	0.00	0.00
4,000.0	25.24	136.33	3,812.8	746.21	-672.1	641.6	786.3	0.00	0.00	0.00
4,100.0	25.24	136.33	3,903.2	655.75	-703.0	671.1	822.4	0.00	0.00	0.00
4,200.0	25.24	136.33	3,993.7	565.30	-733.8	700.5	858.4	0.00	0.00	0.00
4,300.0	25.24	136.33	4,084.2	474.84	-764.7	729.9	894.5	0.00	0.00	0.00
4,400.0	25.24	136.33	4,174.6	384.38	-795.5	759.4	930.6	0.00	0.00	0.00
4,500.0	25.24	136.33	4,265.1	293.93	-826.3	788.8	966.7	0.00	0.00	0.00
4,600.0	25.24	136.33	4,355.5	203.47	-857.2	818.3	1,002.7	0.00	0.00	0.00
4,700.0	25.24	136.33	4,446.0	113.02	-888.0	847.7	1,038.8	0.00	0.00	0.00
4,800.0	25.24	136.33	4,536.4	22.56	-918.9	877.1	1,074.9	0.00	0.00	0.00
4,900.0	25.24	136.33	4,626.9	-67.90	-949.7	906.6	1,111.0	0.00	0.00	0.00
5,000.0	25.24	136.33	4,717.4	-158.35	-980.5	936.0	1,147.0	0.00	0.00	0.00

Planning Report



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Well:	NORTH PLATTE P31-T34-34HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

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)
END OF TANGENT										
5,035.3	25.24	136.33	4,749.3	-190.28	-991.4	946.4	1,159.8	0.00	0.00	0.00
5,100.0	23.94	136.33	4,808.1	-249.11	-1,010.9	965.0	1,182.6	2.00	-2.00	0.00
5,200.0	21.94	136.33	4,900.2	-341.20	-1,039.1	991.9	1,215.5	2.00	-2.00	0.00
5,300.0	19.94	136.33	4,993.6	-434.59	-1,064.9	1,016.6	1,245.8	2.00	-2.00	0.00
5,400.0	17.94	136.33	5,088.2	-529.17	-1,088.4	1,039.0	1,273.3	2.00	-2.00	0.00
5,500.0	15.94	136.33	5,183.8	-624.82	-1,109.5	1,059.1	1,297.9	2.00	-2.00	0.00
5,600.0	13.94	136.33	5,280.4	-721.44	-1,128.1	1,076.9	1,319.7	2.00	-2.00	0.00
5,700.0	11.94	136.33	5,377.9	-818.89	-1,144.3	1,092.4	1,338.7	2.00	-2.00	0.00
5,800.0	9.94	136.33	5,476.1	-917.07	-1,158.1	1,105.5	1,354.7	2.00	-2.00	0.00
5,900.0	7.94	136.33	5,574.8	-1,015.85	-1,169.3	1,116.2	1,367.9	2.00	-2.00	0.00
6,000.0	5.94	136.33	5,674.1	-1,115.11	-1,178.1	1,124.6	1,378.1	2.00	-2.00	0.00
6,100.0	3.94	136.33	5,773.7	-1,214.73	-1,184.3	1,130.5	1,385.4	2.00	-2.00	0.00
6,200.0	1.94	136.33	5,873.6	-1,314.60	-1,188.0	1,134.1	1,389.8	2.00	-2.00	0.00
EOD TO VERTICAL										
6,297.1	0.00	136.33	5,970.7	-1,411.68	-1,189.2	1,135.2	1,391.1	2.00	-2.00	0.00
6,300.0	0.00	0.00	5,973.6	-1,414.58	-1,189.2	1,135.2	1,391.1	0.02	-0.02	0.00
KOP (12°/100ft BUR)										
6,327.1	0.00	0.00	6,000.7	-1,441.68	-1,189.2	1,135.2	1,391.1	0.00	0.00	0.00
6,400.0	8.75	178.98	6,073.3	-1,514.29	-1,194.8	1,135.3	1,396.6	12.00	12.00	0.00
6,500.0	20.75	178.98	6,169.8	-1,610.82	-1,220.2	1,135.8	1,421.6	12.00	12.00	0.00
6,600.0	32.75	178.98	6,259.0	-1,699.96	-1,265.1	1,136.6	1,465.8	12.00	12.00	0.00
6,700.0	44.75	178.98	6,336.8	-1,777.81	-1,327.5	1,137.7	1,527.2	12.00	12.00	0.00
6,800.0	56.75	178.98	6,400.0	-1,840.98	-1,404.8	1,139.0	1,603.2	12.00	12.00	0.00
6,900.0	68.75	178.98	6,445.7	-1,886.69	-1,493.5	1,140.6	1,690.5	12.00	12.00	0.00
START OF TANGENT										
6,952.1	75.00	178.98	6,461.9	-1,902.89	-1,543.0	1,141.5	1,739.1	12.00	12.00	0.00
7,000.0	75.00	178.98	6,474.3	-1,915.29	-1,589.3	1,142.3	1,784.6	0.01	0.01	0.00
END OF TANGENT										
7,052.1	75.00	178.98	6,487.8	-1,928.77	-1,639.6	1,143.2	1,834.1	0.00	0.00	0.00
7,100.0	80.75	178.98	6,497.8	-1,938.83	-1,686.4	1,144.1	1,880.2	11.99	11.99	0.00
7" ICP - NORTH PLATTE P31-T34-34HC										
7,177.1	90.00	178.98	6,504.0	-1,945.05	-1,763.1	1,145.4	1,955.7	12.00	12.00	0.00
7,200.0	90.00	178.98	6,504.0	-1,945.05	-1,786.0	1,145.8	1,978.2	0.01	0.01	0.00
7,300.0	90.00	178.98	6,504.0	-1,945.05	-1,886.0	1,147.6	2,076.5	0.00	0.00	0.00
7,400.0	90.00	178.98	6,504.0	-1,945.05	-1,986.0	1,149.4	2,174.9	0.00	0.00	0.00
7,500.0	90.00	178.98	6,504.0	-1,945.05	-2,086.0	1,151.2	2,273.2	0.00	0.00	0.00
7,600.0	90.00	178.98	6,504.0	-1,945.05	-2,186.0	1,152.9	2,371.6	0.00	0.00	0.00
7,700.0	90.00	178.98	6,504.0	-1,945.05	-2,286.0	1,154.7	2,469.9	0.00	0.00	0.00
7,800.0	90.00	178.98	6,504.0	-1,945.05	-2,385.9	1,156.5	2,568.2	0.00	0.00	0.00
7,900.0	90.00	178.98	6,504.0	-1,945.05	-2,485.9	1,158.3	2,666.6	0.00	0.00	0.00
8,000.0	90.00	178.98	6,504.0	-1,945.04	-2,585.9	1,160.1	2,764.9	0.00	0.00	0.00
8,100.0	90.00	178.98	6,504.0	-1,945.04	-2,685.9	1,161.8	2,863.3	0.00	0.00	0.00
8,200.0	90.00	178.98	6,504.0	-1,945.04	-2,785.9	1,163.6	2,961.6	0.00	0.00	0.00
8,300.0	90.00	178.98	6,504.0	-1,945.04	-2,885.9	1,165.4	3,059.9	0.00	0.00	0.00
8,400.0	90.00	178.98	6,504.0	-1,945.04	-2,985.9	1,167.2	3,158.3	0.00	0.00	0.00
8,500.0	90.00	178.98	6,504.0	-1,945.04	-3,085.8	1,168.9	3,256.6	0.00	0.00	0.00
8,600.0	90.00	178.98	6,504.0	-1,945.04	-3,185.8	1,170.7	3,355.0	0.00	0.00	0.00
8,700.0	90.00	178.98	6,504.0	-1,945.04	-3,285.8	1,172.5	3,453.3	0.00	0.00	0.00
8,800.0	90.00	178.98	6,504.0	-1,945.04	-3,385.8	1,174.3	3,551.7	0.00	0.00	0.00
8,900.0	90.00	178.98	6,504.0	-1,945.04	-3,485.8	1,176.0	3,650.0	0.00	0.00	0.00
9,000.0	90.00	178.98	6,504.0	-1,945.04	-3,585.8	1,177.8	3,748.3	0.00	0.00	0.00
9,100.0	90.00	178.98	6,504.0	-1,945.04	-3,685.7	1,179.6	3,846.7	0.00	0.00	0.00

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well NORTH PLATTE P31-T34-34HC
Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4559.0usft
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4559.0usft
Site:	SE SW SEC. 27 T5N R63W 6th P.M.	North Reference:	True
Well:	NORTH PLATTE P31-T34-34HC	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #2		

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	178.98	6,504.0	-1,945.04	-3,785.7	1,181.3	3,945.0	0.00	0.00	0.00
9,300.0	90.00	178.98	6,504.0	-1,945.04	-3,885.7	1,183.1	4,043.4	0.00	0.00	0.00
9,400.0	90.00	178.98	6,504.0	-1,945.03	-3,985.7	1,184.9	4,141.7	0.00	0.00	0.00
9,500.0	90.00	178.99	6,504.0	-1,945.03	-4,085.7	1,186.7	4,240.0	0.00	0.00	0.00
9,600.0	90.00	178.99	6,504.0	-1,945.03	-4,185.7	1,188.4	4,338.4	0.00	0.00	0.00
9,700.0	90.00	178.99	6,504.0	-1,945.03	-4,285.6	1,190.2	4,436.7	0.00	0.00	0.00
9,800.0	90.00	178.99	6,504.0	-1,945.03	-4,385.6	1,192.0	4,535.1	0.00	0.00	0.00
9,900.0	90.00	178.99	6,504.0	-1,945.03	-4,485.6	1,193.7	4,633.4	0.00	0.00	0.00
10,000.0	90.00	178.99	6,504.0	-1,945.03	-4,585.6	1,195.5	4,731.7	0.00	0.00	0.00
10,100.0	90.00	178.99	6,504.0	-1,945.02	-4,685.6	1,197.3	4,830.1	0.00	0.00	0.00
10,200.0	90.00	178.99	6,504.0	-1,945.02	-4,785.6	1,199.1	4,928.4	0.00	0.00	0.00
10,300.0	90.00	178.99	6,504.0	-1,945.02	-4,885.6	1,200.8	5,026.8	0.00	0.00	0.00
10,400.0	90.00	178.99	6,504.0	-1,945.02	-4,985.5	1,202.6	5,125.1	0.00	0.00	0.00
10,500.0	90.00	178.99	6,504.0	-1,945.02	-5,085.5	1,204.4	5,223.4	0.00	0.00	0.00
10,600.0	90.00	178.99	6,504.0	-1,945.02	-5,185.5	1,206.1	5,321.8	0.00	0.00	0.00
10,700.0	90.00	178.99	6,504.0	-1,945.01	-5,285.5	1,207.9	5,420.1	0.00	0.00	0.00
10,800.0	90.00	178.99	6,504.0	-1,945.01	-5,385.5	1,209.7	5,518.5	0.00	0.00	0.00
10,900.0	90.00	178.99	6,504.0	-1,945.01	-5,485.5	1,211.4	5,616.8	0.00	0.00	0.00
11,000.0	90.00	178.99	6,504.0	-1,945.01	-5,585.4	1,213.2	5,715.1	0.00	0.00	0.00
11,100.0	90.00	178.99	6,504.0	-1,945.01	-5,685.4	1,215.0	5,813.5	0.00	0.00	0.00
11,200.0	90.00	178.99	6,504.0	-1,945.00	-5,785.4	1,216.7	5,911.8	0.00	0.00	0.00
11,300.0	90.00	178.99	6,504.0	-1,945.00	-5,885.4	1,218.5	6,010.2	0.00	0.00	0.00
11,400.0	90.00	178.99	6,504.0	-1,945.00	-5,985.4	1,220.2	6,108.5	0.00	0.00	0.00
BHL - NORTH PLATTE P31-T34-34HC										
11,433.0	90.00	178.99	6,504.0	-1,945.00	-6,018.3	1,220.8	6,140.9	0.00	0.00	0.00

Plan Annotations				
MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,200.0	1,200.0	0.0	0.0	START NUDGE (2°/100ft BUR)
2,461.8	2,421.4	-197.8	188.8	EOB TO 25.24° INC
5,035.3	4,749.3	-991.4	946.4	END OF TANGENT
6,297.1	5,970.7	-1,189.2	1,135.2	EOD TO VERTICAL
6,327.1	6,000.7	-1,189.2	1,135.2	KOP (12°/100ft BUR)
6,952.1	6,461.9	-1,543.0	1,141.5	START OF TANGENT
7,052.1	6,487.8	-1,639.6	1,143.2	END OF TANGENT
7,177.1	6,504.0	-1,763.1	1,145.4	7" ICP - NORTH PLATTE P31-T34-34HC
11,433.0	6,504.0	-6,018.3	1,220.8	BHL - NORTH PLATTE P31-T34-34HC