

BONANZA CREEK ENERGY INC.

WELD COUNTY, COLORADO (NAD 83)

SE SW SEC. 21 T5N R62W 6th P.M.

STATE ANTELOPE K-O-28HNB

ORIGINAL WELLBORE

07 July, 2015

Plan: PROPOSAL #2





Project: WELD COUNTY, COLORADO (NAD 83)
Site: SE SW SEC. 21 T5N R62W 6th P.M.
Well: STATE ANTELOPE K-O-28HNB
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #2

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Dep	Annotation	
900.0	900.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)	
1495.7	1500.1	12.00	123.52	-34.6	52.2	39.6	62.6	EOB TO 12° INC	
4178.0	4242.3	12.00	123.52	-349.4	527.6	400.3	632.8	END OF TANGENT	
4773.7	4842.4	0.00	0.00	-384.0	579.8	440.0	695.4	EOD TO VERTICAL	
5787.7	5856.4	0.00	0.00	-384.0	579.8	440.0	695.4	KOP (12°/100ft BUR)	
6248.9	6481.4	75.00	184.10	-737.0	554.5	788.7	1049.3	START OF TANGENT	
6274.8	6581.4	75.00	184.10	-833.3	547.6	883.8	1145.9	END OF TANGENT	
6291.0	6706.4	90.00	184.10	-956.6	538.8	1005.6	1269.5	7" ICP *NEW* - STATE ANTELOPE K-O-28HNB (P2)	
6291.0	6771.4	90.00	184.10	-1021.4	534.1	1069.6	1334.5	END OF TANGENT	
6291.0	6906.9	90.00	180.04	-1156.8	529.2	1203.9	1470.0	EOT TO 180.04° AZ	
6291.0	10999.8	90.00	180.04	-5249.7	526.7	5276.0	5562.9	BHL - STATE ANTELOPE K-O-28HNB (P2)	

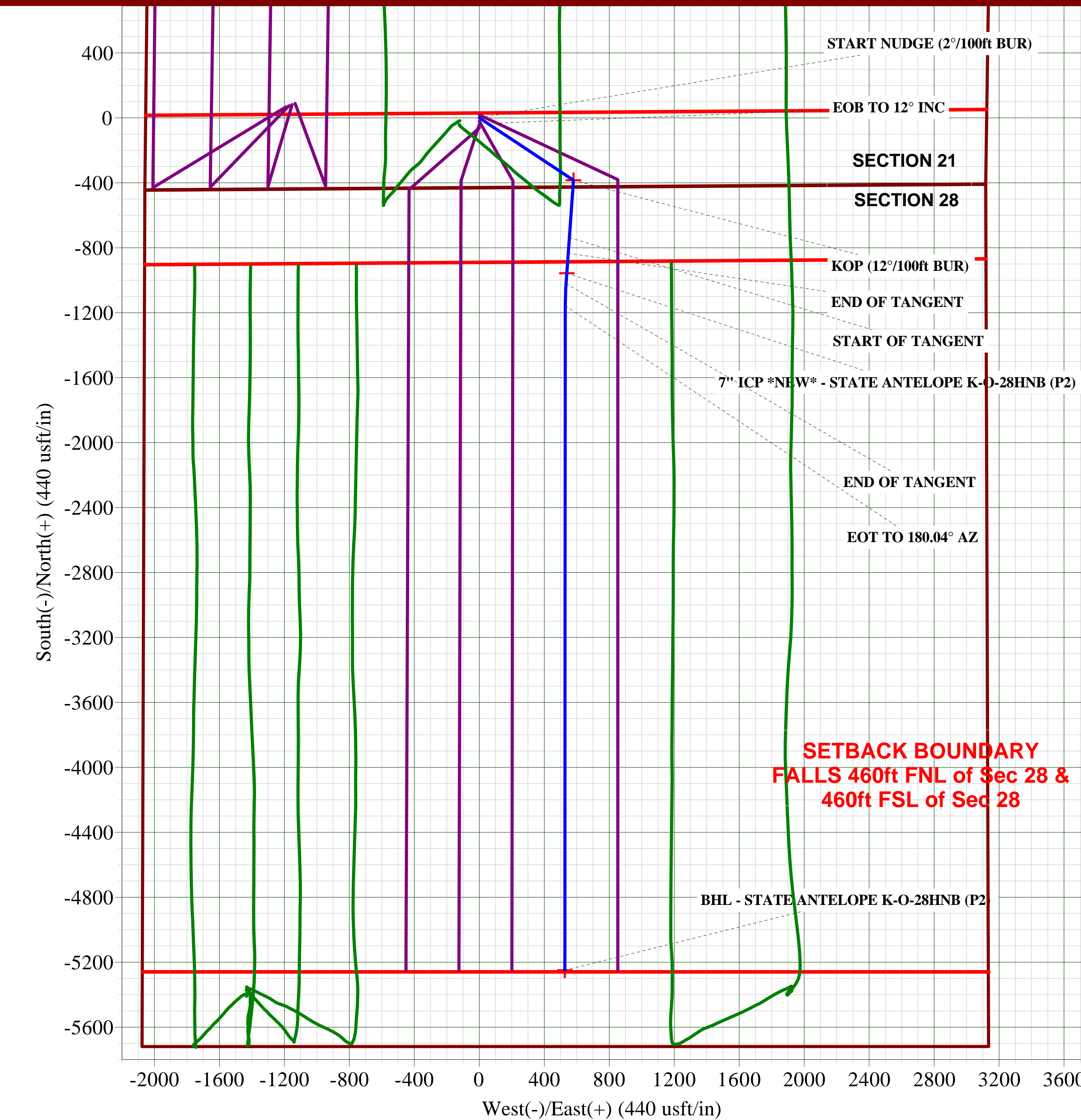
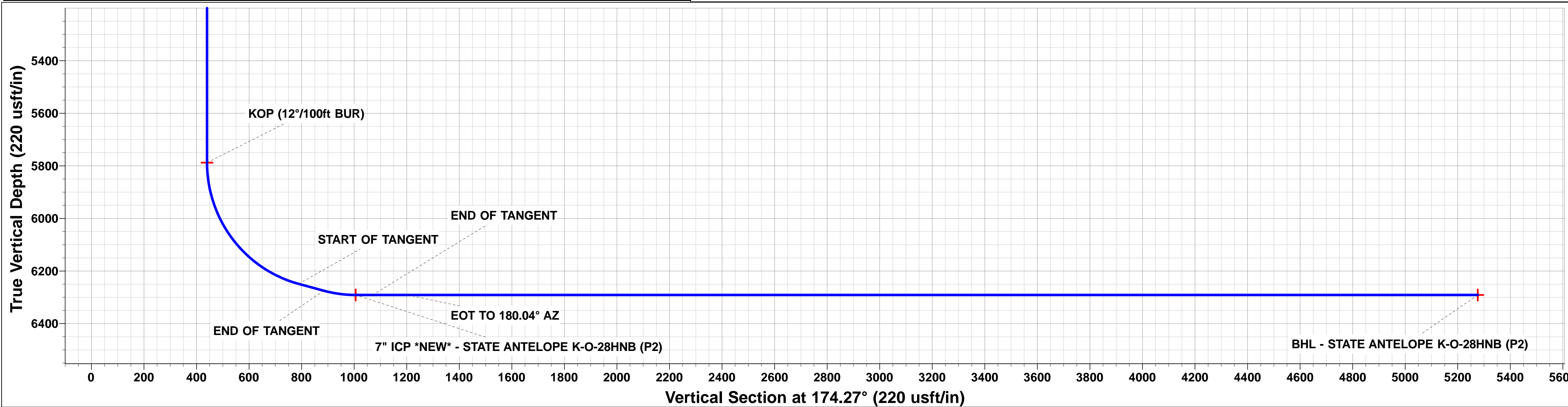
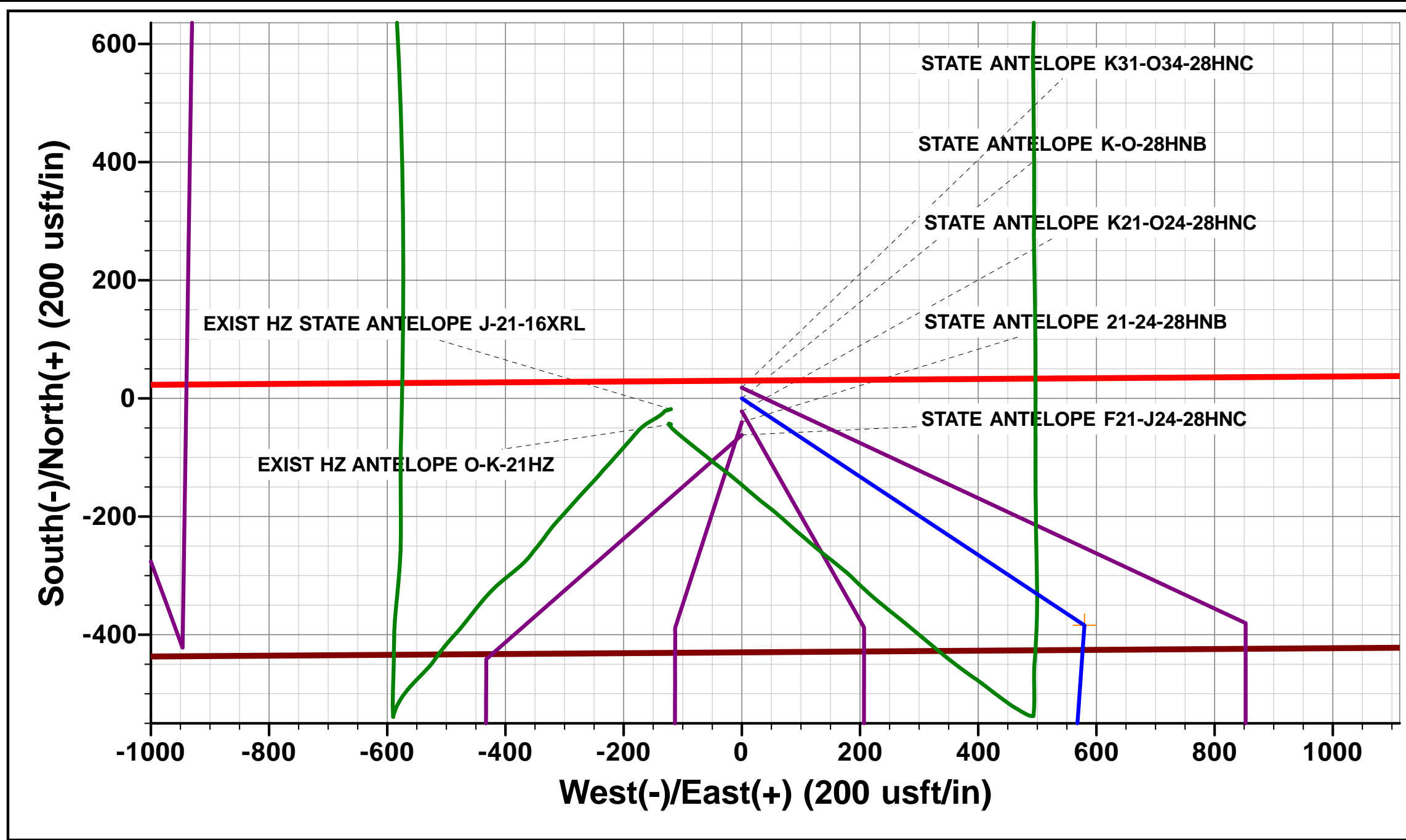
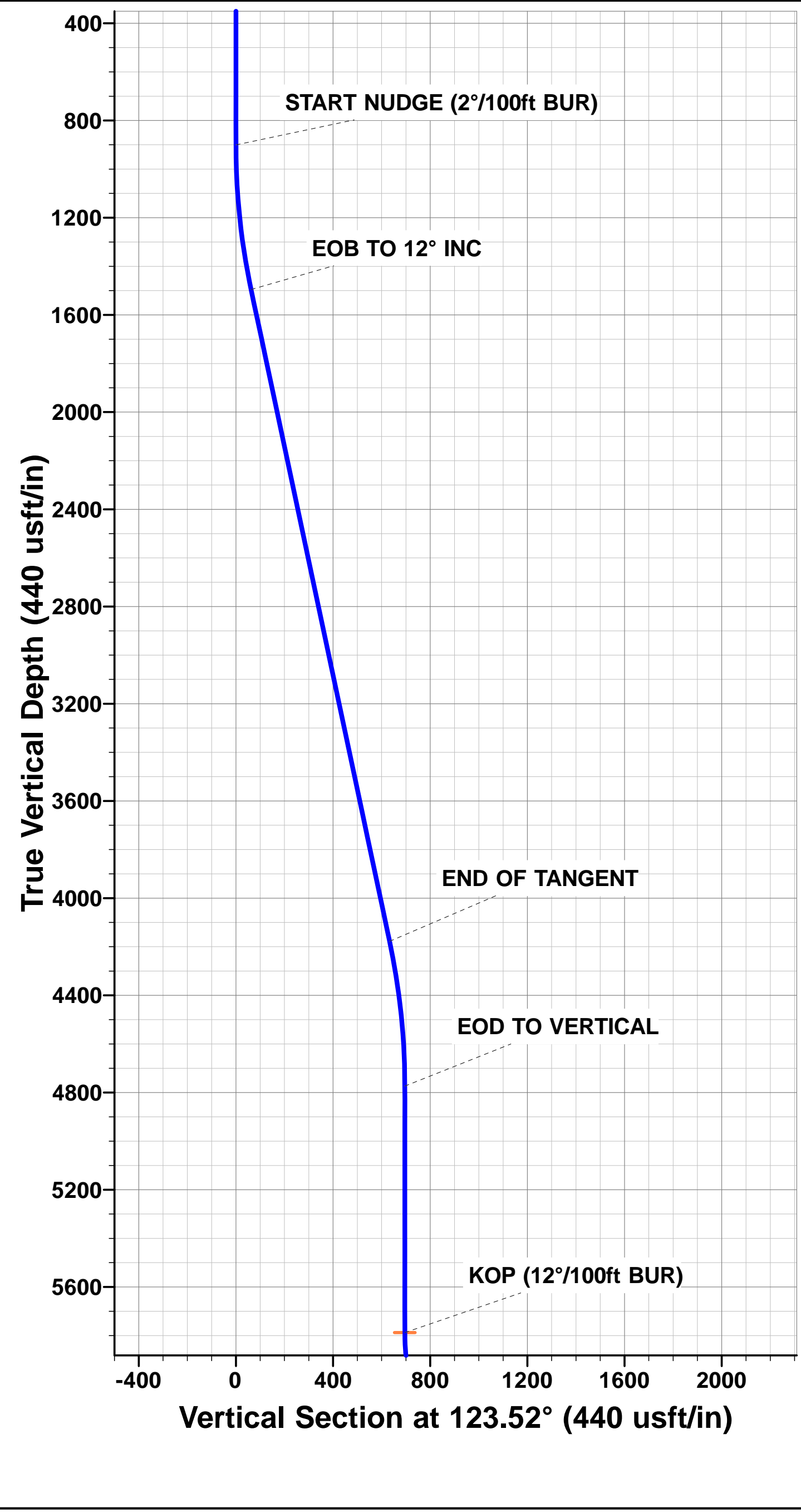
PROPOSED LOCAL COORDINATES:

SHL: 429ft FSL & 2056ft FWL Sec 21

7" ICP *NEW*: 529.5ft FNL & 2599.4ft FWL Sec 28

BHL: 470ft FSL & 2602ft FWL Sec 28

WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - STATE ANTELOPE K-O-28HNB (P2)	5787.7	-384.0	579.8	40.378076	-104.328719
7" ICP *NEW* - STATE ANTELOPE K-O-28HNB (P2)	6291.0	-956.6	538.8	40.376504	-104.328866
BHL - STATE ANTELOPE K-O-28HNB (P2)	6291.0	-5249.7	526.7	40.364720	-104.328910



Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well STATE ANTELOPE K-O-28HNB
Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4651.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4651.0usft (Original Well Elev)
Site:	SE SW SEC. 21 T5N R62W 6th P.M.	North Reference:	True
Well:	STATE ANTELOPE K-O-28HNB	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. 21 T5N R62W 6th P.M.		
Site Position:		Northing:	1,383,043.02 usft
From:	Lat/Long	Easting:	3,325,725.93 usft
Position Uncertainty:	0.0 usft	Slot Radius:	1.10000ft
		Latitude:	40.378960
		Longitude:	-104.330800
		Grid Convergence:	0.76 °

Well	STATE ANTELOPE K-O-28HNB		
Well Position	+N/-S	61.9 usft	Northing:
	+E/-W	0.0 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	03/07/2015	8.18	66.96	52,652

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 (°)
	6,291.0	0.0	0.0	174.27

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	-4,651.0	0.0	0.0	0.00	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	-3,751.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.1	12.00	123.52	1,495.7	-3,155.3	-34.6	52.2	2.00	2.00	0.00	123.52	
4,242.3	12.00	123.52	4,178.0	-473.0	-349.4	527.6	0.00	0.00	0.00	0.00	
4,842.4	0.00	0.00	4,773.7	122.7	-384.0	579.8	2.00	-2.00	0.00	180.00	
5,856.4	0.00	0.00	5,787.7	1,136.7	-384.0	579.8	0.00	0.00	0.00	0.00	KOP - STATE ANTI
6,481.4	75.00	184.10	6,248.9	1,597.9	-737.0	554.5	12.00	12.00	0.00	184.10	
6,581.4	75.00	184.10	6,274.8	1,623.8	-833.3	547.6	0.00	0.00	0.00	0.00	
6,706.4	90.00	184.10	6,291.0	1,640.0	-956.6	538.8	12.00	12.00	0.00	0.00	
6,771.4	90.00	184.10	6,291.0	1,640.0	-1,021.4	534.1	0.00	0.00	0.00	0.00	
6,906.9	90.00	180.04	6,291.0	1,640.0	-1,156.8	529.2	3.00	0.00	-3.00	-89.99	
10,999.8	90.00	180.04	6,291.0	1,640.0	-5,249.7	526.7	0.00	0.00	0.00	0.00	BHL - STATE ANTE

Planning Report



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Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4651.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4651.0usft (Original Well Elev)
Site:	SE SW SEC. 21 T5N R62W 6th P.M.	North Reference:	True
Well:	STATE ANTELOPE K-O-28HNB	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	4,651.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	4,551.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	4,451.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	4,351.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	4,251.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	4,151.00	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	4,051.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	3,951.00	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	3,851.00	0.0	0.0	0.0	0.00	0.00	0.00
START NUDGE (2°/100ft BUR)										
900.0	0.00	0.00	900.0	3,751.00	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	2.00	123.52	1,000.0	3,651.02	-1.0	1.5	1.1	2.00	2.00	0.00
1,100.0	4.00	123.52	1,099.8	3,551.16	-3.9	5.8	4.4	2.00	2.00	0.00
1,200.0	6.00	123.52	1,199.5	3,451.55	-8.7	13.1	9.9	2.00	2.00	0.00
1,300.0	8.00	123.52	1,298.7	3,352.30	-15.4	23.2	17.6	2.00	2.00	0.00
1,400.0	10.00	123.52	1,397.5	3,253.53	-24.0	36.3	27.5	2.00	2.00	0.00
1,500.0	12.00	123.52	1,495.6	3,155.38	-34.6	52.2	39.6	2.00	2.00	0.00
EOB TO 12° INC										
1,500.1	12.00	123.52	1,495.7	3,155.28	-34.6	52.2	39.6	1.08	1.08	0.00
1,600.0	12.00	123.52	1,593.4	3,057.56	-46.0	69.5	52.8	0.00	0.00	0.00
1,700.0	12.00	123.52	1,691.3	2,959.75	-57.5	86.9	65.9	0.00	0.00	0.00
1,800.0	12.00	123.52	1,789.1	2,861.93	-69.0	104.2	79.1	0.00	0.00	0.00
1,900.0	12.00	123.52	1,886.9	2,764.12	-80.5	121.5	92.2	0.00	0.00	0.00
2,000.0	12.00	123.52	1,984.7	2,666.31	-92.0	138.9	105.4	0.00	0.00	0.00
2,100.0	12.00	123.52	2,082.5	2,568.49	-103.5	156.2	118.5	0.00	0.00	0.00
2,200.0	12.00	123.52	2,180.3	2,470.68	-114.9	173.5	131.7	0.00	0.00	0.00
2,300.0	12.00	123.52	2,278.1	2,372.86	-126.4	190.9	144.8	0.00	0.00	0.00
2,400.0	12.00	123.52	2,376.0	2,275.05	-137.9	208.2	158.0	0.00	0.00	0.00
2,500.0	12.00	123.52	2,473.8	2,177.23	-149.4	225.6	171.2	0.00	0.00	0.00
2,600.0	12.00	123.52	2,571.6	2,079.42	-160.9	242.9	184.3	0.00	0.00	0.00
2,700.0	12.00	123.52	2,669.4	1,981.60	-172.3	260.2	197.5	0.00	0.00	0.00
2,800.0	12.00	123.52	2,767.2	1,883.79	-183.8	277.6	210.6	0.00	0.00	0.00
2,900.0	12.00	123.52	2,865.0	1,785.98	-195.3	294.9	223.8	0.00	0.00	0.00
3,000.0	12.00	123.52	2,962.8	1,688.16	-206.8	312.2	236.9	0.00	0.00	0.00
3,100.0	12.00	123.52	3,060.7	1,590.35	-218.3	329.6	250.1	0.00	0.00	0.00
3,200.0	12.00	123.52	3,158.5	1,492.53	-229.8	346.9	263.2	0.00	0.00	0.00
3,300.0	12.00	123.52	3,256.3	1,394.72	-241.2	364.2	276.4	0.00	0.00	0.00
3,400.0	12.00	123.52	3,354.1	1,296.90	-252.7	381.6	289.5	0.00	0.00	0.00
3,500.0	12.00	123.52	3,451.9	1,199.09	-264.2	398.9	302.7	0.00	0.00	0.00
3,600.0	12.00	123.52	3,549.7	1,101.28	-275.7	416.2	315.9	0.00	0.00	0.00
3,700.0	12.00	123.52	3,647.5	1,003.46	-287.2	433.6	329.0	0.00	0.00	0.00
3,800.0	12.00	123.52	3,745.4	905.65	-298.6	450.9	342.2	0.00	0.00	0.00
3,900.0	12.00	123.52	3,843.2	807.83	-310.1	468.3	355.3	0.00	0.00	0.00
4,000.0	12.00	123.52	3,941.0	710.02	-321.6	485.6	368.5	0.00	0.00	0.00
4,100.0	12.00	123.52	4,038.8	612.20	-333.1	502.9	381.6	0.00	0.00	0.00
4,200.0	12.00	123.52	4,136.6	514.39	-344.6	520.3	394.8	0.00	0.00	0.00
END OF TANGENT										
4,242.3	12.00	123.52	4,178.0	473.01	-349.4	527.6	400.3	0.00	0.00	0.00
4,300.0	10.85	123.52	4,234.5	416.46	-355.7	537.1	407.6	2.00	-2.00	0.00
4,400.0	8.85	123.52	4,333.1	317.94	-365.2	551.4	418.4	2.00	-2.00	0.00
4,500.0	6.85	123.52	4,432.1	218.88	-372.7	562.8	427.0	2.00	-2.00	0.00
4,600.0	4.85	123.52	4,531.6	119.40	-378.3	571.3	433.5	2.00	-2.00	0.00
4,700.0	2.85	123.52	4,631.4	19.63	-382.0	576.9	437.7	2.00	-2.00	0.00

Planning Report



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Well:	STATE ANTELOPE K-O-28HNB	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)
4,800.0	0.85	123.52	4,731.3	-80.31	-383.8	579.5	439.8	2.00	-2.00	0.00
EOD TO VERTICAL										
4,842.4	0.00	0.00	4,773.7	-122.71	-384.0	579.8	440.0	2.00	-2.00	0.00
4,900.0	0.00	0.00	4,831.3	-180.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,931.3	-280.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,031.3	-380.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,131.3	-480.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,231.3	-580.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,331.3	-680.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,431.3	-780.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,531.3	-880.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,631.3	-980.31	-384.0	579.8	440.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,731.3	-1,080.31	-384.0	579.8	440.0	0.00	0.00	0.00
KOP (12°/100ft BUR)										
5,856.4	0.00	0.00	5,787.7	-1,136.71	-384.0	579.8	440.0	0.00	0.00	0.00
5,900.0	5.23	184.10	5,831.2	-1,180.25	-386.0	579.7	441.9	12.00	12.00	0.00
6,000.0	17.23	184.10	5,929.2	-1,278.15	-405.4	578.3	461.1	12.00	12.00	0.00
6,100.0	29.23	184.10	6,020.9	-1,369.88	-444.7	575.5	499.9	12.00	12.00	0.00
6,200.0	41.23	184.10	6,102.4	-1,451.41	-502.1	571.3	556.6	12.00	12.00	0.00
6,300.0	53.23	184.10	6,170.2	-1,519.19	-575.2	566.1	628.8	12.00	12.00	0.00
6,400.0	65.23	184.10	6,221.2	-1,570.25	-660.7	560.0	713.3	12.00	12.00	0.00
START OF TANGENT										
6,481.4	75.00	184.10	6,248.9	-1,597.90	-737.0	554.5	788.7	12.00	12.00	0.00
6,500.0	75.00	184.10	6,253.7	-1,602.71	-754.9	553.2	806.4	0.00	0.00	0.00
END OF TANGENT										
6,581.4	75.00	184.10	6,274.8	-1,623.78	-833.3	547.6	883.8	0.00	0.00	0.00
6,600.0	77.23	184.10	6,279.2	-1,628.24	-851.3	546.3	901.6	12.00	12.00	0.00
6,700.0	89.23	184.10	6,291.0	-1,640.00	-950.2	539.2	999.3	12.00	12.00	0.00
7" ICP *NEW* - STATE ANTELOPE K-O-28HNB (P2)										
6,706.4	90.00	184.10	6,291.0	-1,640.05	-956.6	538.8	1,005.6	11.99	11.99	0.00
END OF TANGENT										
6,771.4	90.00	184.10	6,291.0	-1,640.05	-1,021.4	534.1	1,069.6	0.00	0.00	0.00
6,800.0	90.00	183.24	6,291.0	-1,640.05	-1,050.0	532.3	1,097.9	3.00	0.00	-3.00
6,900.0	90.00	180.24	6,291.0	-1,640.05	-1,149.9	529.2	1,197.0	3.00	0.00	-3.00
EOT TO 180.04° AZ										
6,906.9	90.00	180.04	6,291.0	-1,640.05	-1,156.8	529.2	1,203.9	2.99	0.00	-2.99
7,000.0	90.00	180.04	6,291.0	-1,640.04	-1,249.9	529.2	1,296.5	0.00	0.00	0.00
7,100.0	90.00	180.04	6,291.0	-1,640.04	-1,349.9	529.1	1,396.0	0.00	0.00	0.00
7,200.0	90.00	180.04	6,291.0	-1,640.04	-1,449.9	529.0	1,495.5	0.00	0.00	0.00
7,300.0	90.00	180.04	6,291.0	-1,640.04	-1,549.9	529.0	1,595.0	0.00	0.00	0.00
7,400.0	90.00	180.04	6,291.0	-1,640.04	-1,649.9	528.9	1,694.5	0.00	0.00	0.00
7,500.0	90.00	180.04	6,291.0	-1,640.04	-1,749.9	528.9	1,794.0	0.00	0.00	0.00
7,600.0	90.00	180.04	6,291.0	-1,640.04	-1,849.9	528.8	1,893.5	0.00	0.00	0.00
7,700.0	90.00	180.04	6,291.0	-1,640.04	-1,949.9	528.7	1,993.0	0.00	0.00	0.00
7,800.0	90.00	180.04	6,291.0	-1,640.04	-2,049.9	528.7	2,092.4	0.00	0.00	0.00
7,900.0	90.00	180.04	6,291.0	-1,640.03	-2,149.9	528.6	2,191.9	0.00	0.00	0.00
8,000.0	90.00	180.04	6,291.0	-1,640.03	-2,249.9	528.5	2,291.4	0.00	0.00	0.00
8,100.0	90.00	180.04	6,291.0	-1,640.03	-2,349.9	528.5	2,390.9	0.00	0.00	0.00
8,200.0	90.00	180.04	6,291.0	-1,640.03	-2,449.9	528.4	2,490.4	0.00	0.00	0.00
8,300.0	90.00	180.04	6,291.0	-1,640.03	-2,549.9	528.4	2,589.9	0.00	0.00	0.00
8,400.0	90.00	180.04	6,291.0	-1,640.03	-2,649.9	528.3	2,689.4	0.00	0.00	0.00
8,500.0	90.00	180.04	6,291.0	-1,640.03	-2,749.9	528.2	2,788.9	0.00	0.00	0.00
8,600.0	90.00	180.04	6,291.0	-1,640.03	-2,849.9	528.2	2,888.4	0.00	0.00	0.00

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well STATE ANTELOPE K-O-28HNB
Company:	BONANZA CREEK ENERGY INC.	TVD Reference:	KB-EST @ 4651.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 4651.0usft (Original Well Elev)
Site:	SE SW SEC. 21 T5N R62W 6th P.M.	North Reference:	True
Well:	STATE ANTELOPE K-O-28HNB	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)
8,700.0	90.00	180.04	6,291.0	-1,640.03	-2,949.9	528.1	2,987.9	0.00	0.00	0.00
8,800.0	90.00	180.04	6,291.0	-1,640.02	-3,049.9	528.0	3,087.4	0.00	0.00	0.00
8,900.0	90.00	180.04	6,291.0	-1,640.02	-3,149.9	528.0	3,186.9	0.00	0.00	0.00
9,000.0	90.00	180.04	6,291.0	-1,640.02	-3,249.9	527.9	3,286.4	0.00	0.00	0.00
9,100.0	90.00	180.04	6,291.0	-1,640.02	-3,349.9	527.9	3,385.9	0.00	0.00	0.00
9,200.0	90.00	180.04	6,291.0	-1,640.02	-3,449.9	527.8	3,485.4	0.00	0.00	0.00
9,300.0	90.00	180.04	6,291.0	-1,640.02	-3,549.9	527.7	3,584.9	0.00	0.00	0.00
9,400.0	90.00	180.04	6,291.0	-1,640.02	-3,649.9	527.7	3,684.4	0.00	0.00	0.00
9,500.0	90.00	180.04	6,291.0	-1,640.02	-3,749.9	527.6	3,783.9	0.00	0.00	0.00
9,600.0	90.00	180.04	6,291.0	-1,640.02	-3,849.9	527.5	3,883.3	0.00	0.00	0.00
9,700.0	90.00	180.04	6,291.0	-1,640.01	-3,949.9	527.5	3,982.8	0.00	0.00	0.00
9,800.0	90.00	180.04	6,291.0	-1,640.01	-4,049.9	527.4	4,082.3	0.00	0.00	0.00
9,900.0	90.00	180.04	6,291.0	-1,640.01	-4,149.9	527.4	4,181.8	0.00	0.00	0.00
10,000.0	90.00	180.04	6,291.0	-1,640.01	-4,249.9	527.3	4,281.3	0.00	0.00	0.00
10,100.0	90.00	180.04	6,291.0	-1,640.01	-4,349.9	527.2	4,380.8	0.00	0.00	0.00
10,200.0	90.00	180.04	6,291.0	-1,640.01	-4,449.9	527.2	4,480.3	0.00	0.00	0.00
10,300.0	90.00	180.04	6,291.0	-1,640.01	-4,549.9	527.1	4,579.8	0.00	0.00	0.00
10,400.0	90.00	180.04	6,291.0	-1,640.01	-4,649.9	527.1	4,679.3	0.00	0.00	0.00
10,500.0	90.00	180.04	6,291.0	-1,640.01	-4,749.9	527.0	4,778.8	0.00	0.00	0.00
10,600.0	90.00	180.04	6,291.0	-1,640.00	-4,849.9	526.9	4,878.3	0.00	0.00	0.00
10,700.0	90.00	180.04	6,291.0	-1,640.00	-4,949.9	526.9	4,977.8	0.00	0.00	0.00
10,800.0	90.00	180.04	6,291.0	-1,640.00	-5,049.9	526.8	5,077.3	0.00	0.00	0.00
10,900.0	90.00	180.04	6,291.0	-1,640.00	-5,149.9	526.7	5,176.8	0.00	0.00	0.00
BHL - STATE ANTELOPE K-O-28HNB (P2)										
10,999.8	90.00	180.04	6,291.0	-1,640.00	-5,249.7	526.7	5,276.0	0.00	0.00	0.00

Plan Annotations					
MD (usft)	TVD (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
900.0	900.0	0.0	0.0	START NUDGE (2°/100ft BUR)	
1,500.1	1,495.7	-34.6	52.2	EOB TO 12° INC	
4,242.3	4,178.0	-349.4	527.6	END OF TANGENT	
4,842.4	4,773.7	-384.0	579.8	EOD TO VERTICAL	
5,856.4	5,787.7	-384.0	579.8	KOP (12°/100ft BUR)	
6,481.4	6,248.9	-737.0	554.5	START OF TANGENT	
6,581.4	6,274.8	-833.3	547.6	END OF TANGENT	
6,706.4	6,291.0	-956.6	538.8	7" ICP *NEW* - STATE ANTELOPE K-O-28HNB (P2)	
6,771.4	6,291.0	-1,021.4	534.1	END OF TANGENT	
6,906.9	6,291.0	-1,156.8	529.2	EOT TO 180.04° AZ	
10,999.8	6,291.0	-5,249.7	526.7	BHL - STATE ANTELOPE K-O-28HNB (P2)	