

EXTRACTION OIL & GAS

WELD COUNTY, COLORADO (NAD 83)

NW NE SEC. 4 T1S R67W 6th P.M.

SELTZER 7

ORIGINAL WELLBORE

13 October, 2015

Plan: PROPOSAL #1



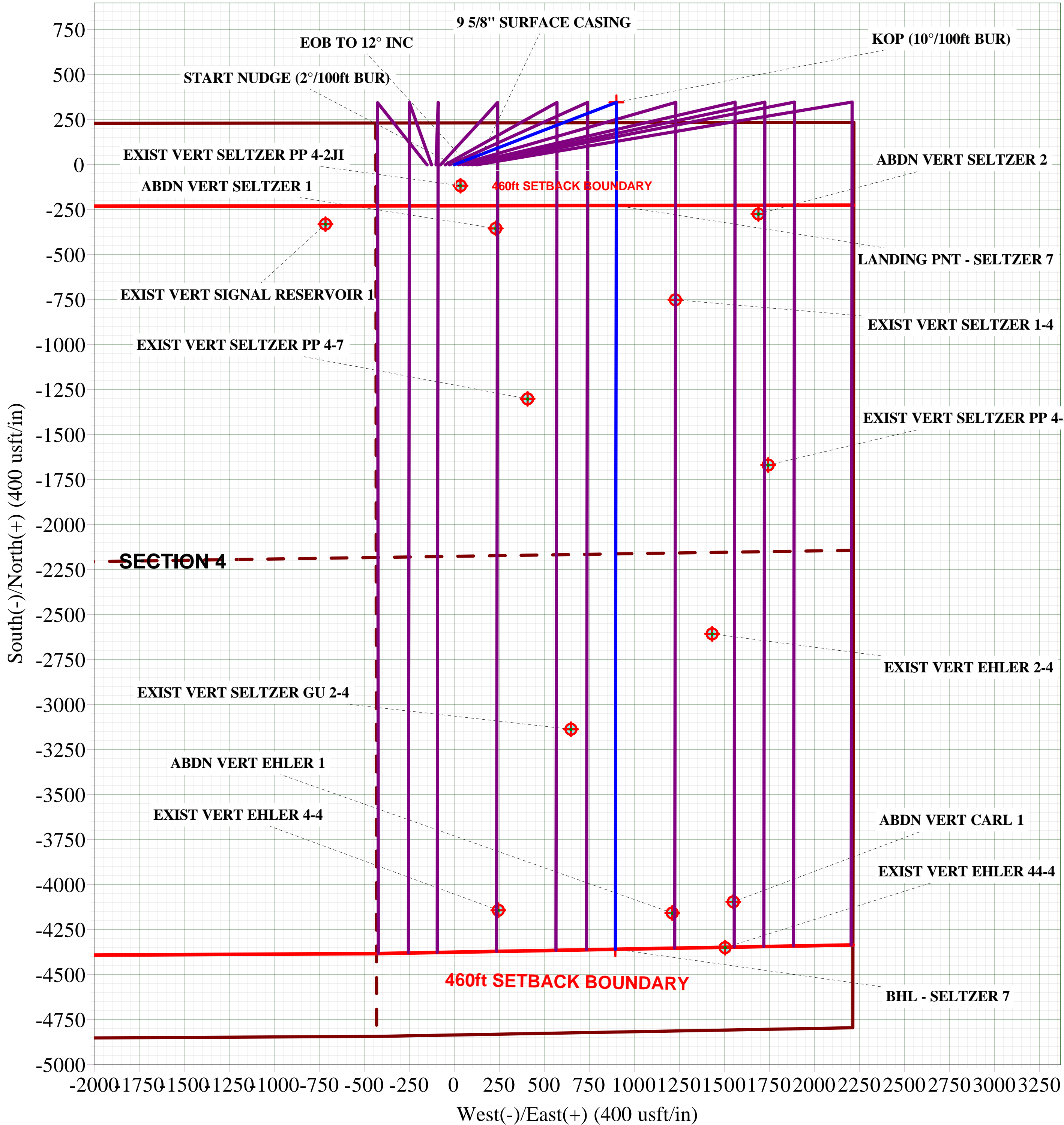
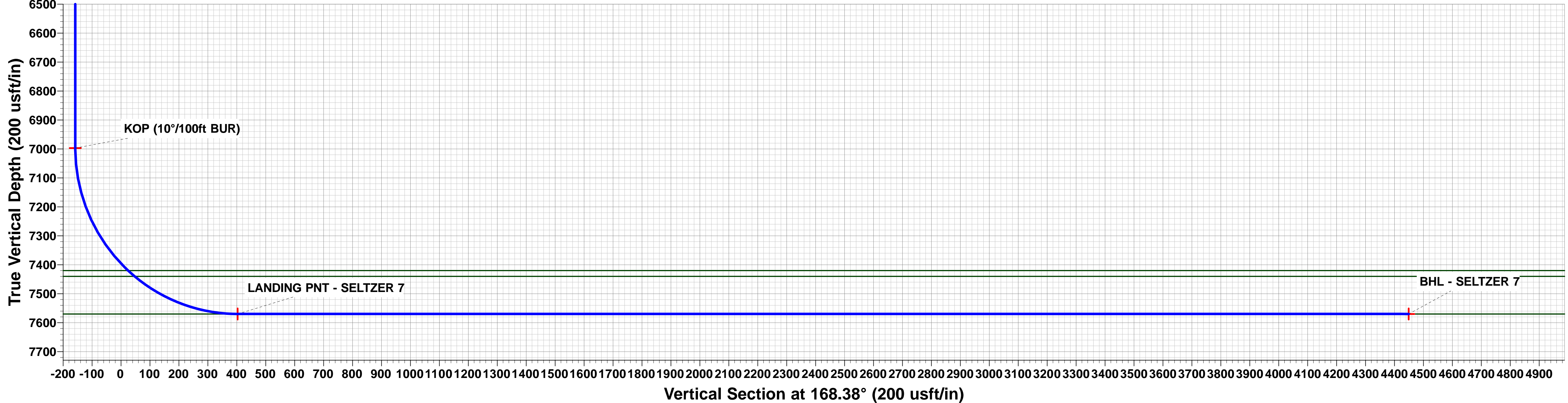
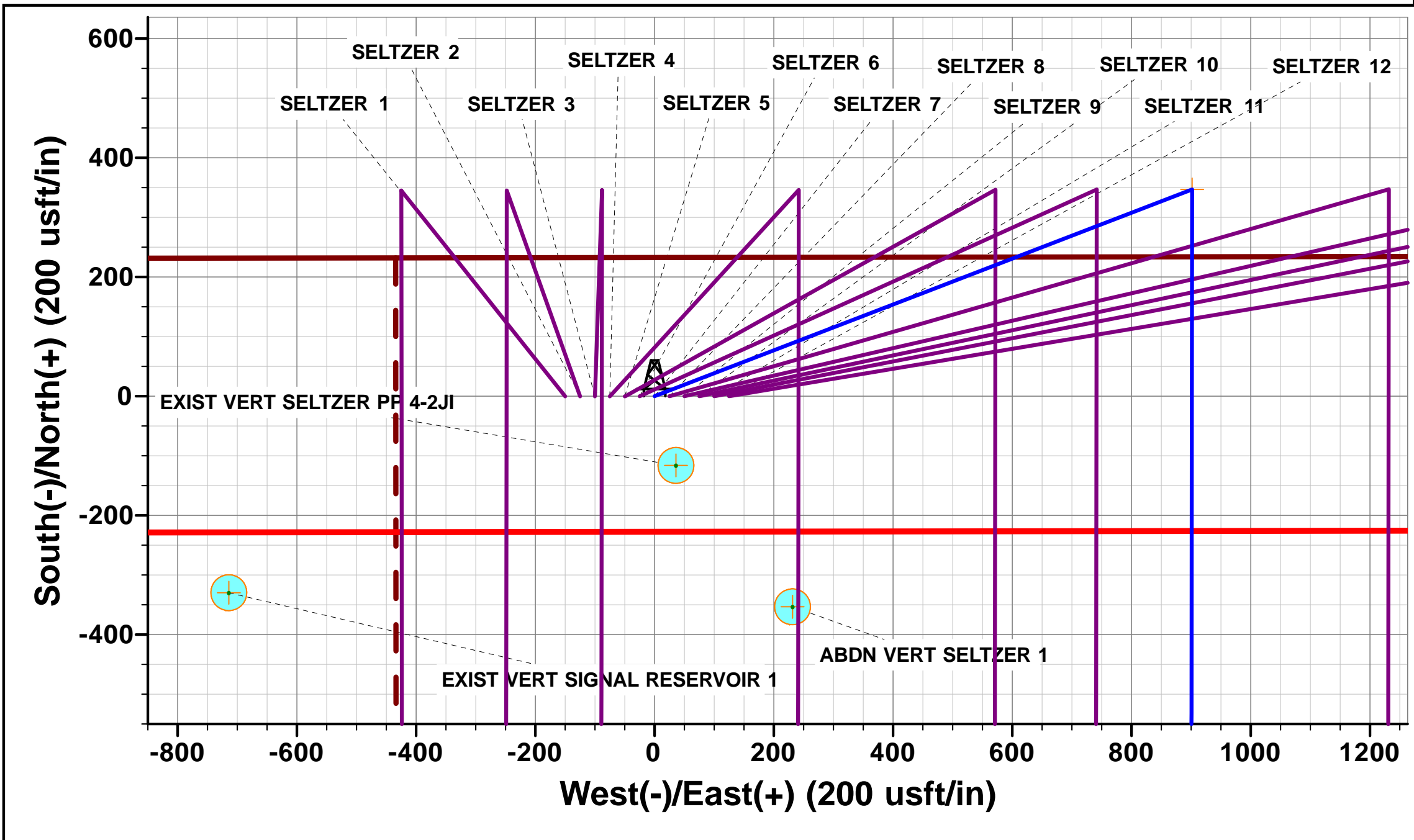
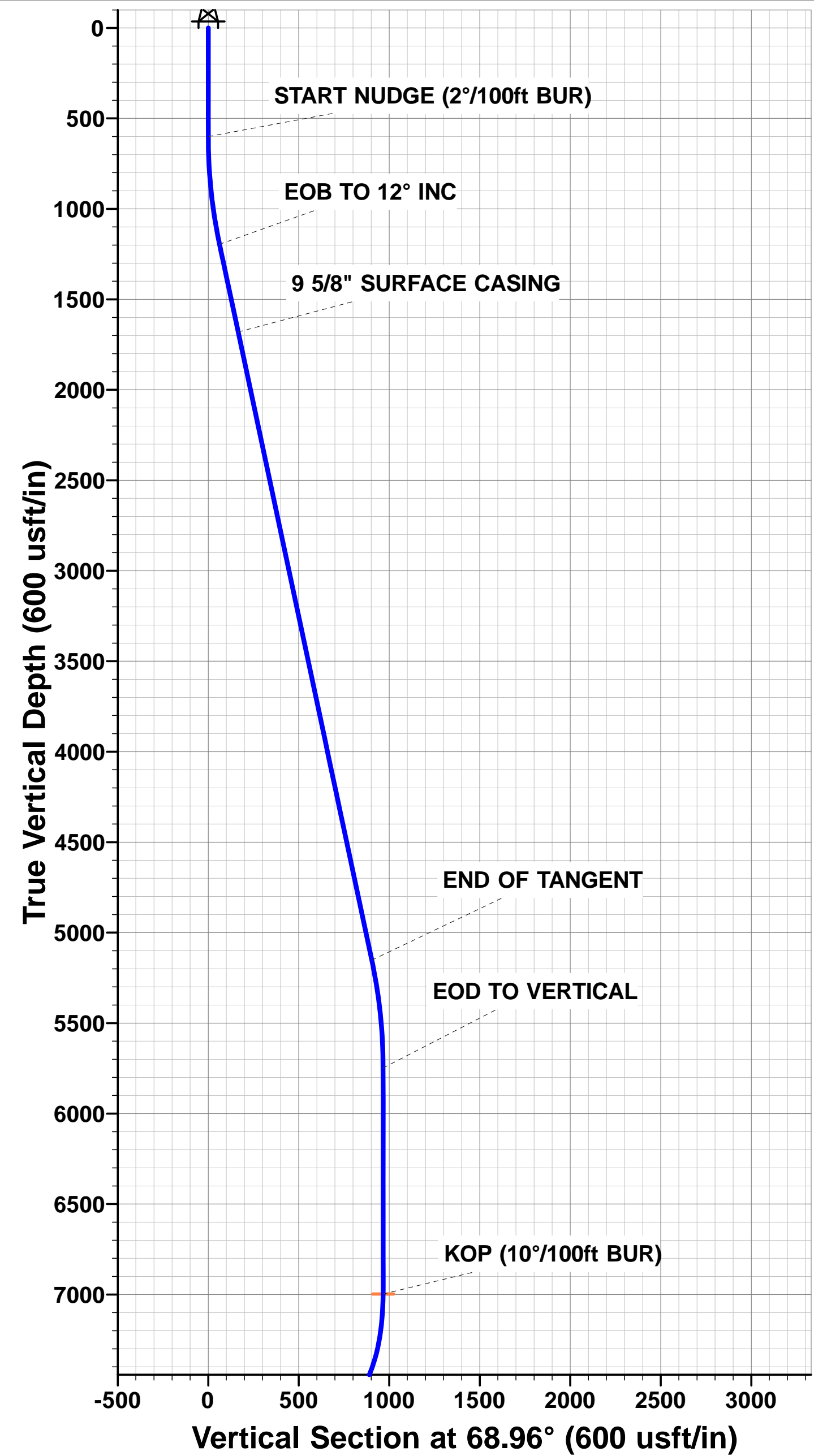


Project: WELD COUNTY, COLORADO (NAD 83)
Site: NW NE SEC. 4 T1S R67W 6th P.M.
Well: SELTZER 7
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #1

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Dep	Annotation	
600.0	600.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)	
1195.7	1200.1	12.00	68.96	22.5	58.4	-10.3	62.6	EOB TO 12° INC	
1680.0	1695.2	12.00	68.96	59.5	154.5	-27.1	165.6	9 5/8" SURFACE CASING	
5151.3	5244.1	12.00	68.96	324.4	843.3	-147.9	903.5	END OF TANGENT	
5747.0	5844.1	0.00	0.00	346.9	901.7	-158.2	966.1	EOD TO VERTICAL	
6997.0	7094.1	0.00	0.00	346.9	901.7	-158.2	966.1	KOP (10°/100ft BUR)	
7570.0	7994.3	90.00	180.07	-226.1	901.0	403.0	1539.2	LANDING PNT - SELTZER 7	
7570.0	12126.0	90.00	180.07	-4357.9	896.1	4449.1	5670.9	BHL - SELTZER 7	

PROPOSED LOCAL COORDINATES:
SHL: 233ft FNL & 2222ft FEL Sec 4
LANDING PNT: 460ft FNL & 1320ft FEL Sec 4
BHL: 460ft FSL & 1320ft FEL Sec 4

WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - SELTZER 7	6997.0	346.9	901.7	40.000671	-104.889099
LANDING PNT - SELTZER 7	7570.0	-226.1	901.0	39.999098	-104.889102
BHL - SELTZER 7	7570.0	-4357.9	896.1	39.987756	-104.889120



Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SELTZER 7
Company:	EXTRACTION OIL & GAS	TVD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Site:	NW NE SEC. 4 T1S R67W 6th P.M.	North Reference:	True
Well:	SELTZER 7	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

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	NW NE SEC. 4 T1S R67W 6th P.M.		
Site Position:		Northing:	1,243,328.66 usft
From:	Lat/Long	Easting:	3,170,368.61 usft
Position Uncertainty:	0.0 usft	Slot Radius:	1.10000ft
		Latitude:	39.999719
		Longitude:	-104.891872
		Grid Convergence:	0.39 °

Well	SELTZER 7		
Well Position	+N-S	-0.1 usft	Northing:
	+E-W	-125.0 usft	Easting:
Position Uncertainty		0.0 usft	Wellhead Elevation:
			usft
			Latitude:
			Longitude:
			Ground Level:

Wellbore	ORIGINAL WELLBORE				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	13/10/2015	8.42	66.55	52,358

Design	PROPOSAL #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	7,570.0	0.0	0.0	168.38

Plan Sections											
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	-5,098.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	-4,498.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.1	12.00	68.96	1,195.7	-3,902.3	22.5	58.4	2.00	2.00	0.00	68.96	
5,244.1	12.00	68.96	5,151.3	53.3	324.4	843.3	0.00	0.00	0.00	0.00	
5,844.1	0.00	0.00	5,747.0	649.0	346.9	901.7	2.00	-2.00	0.00	180.00	
7,094.1	0.00	0.00	6,997.0	1,899.0	346.9	901.7	0.00	0.00	0.00	0.00	KOP - SELTZER 7
7,994.3	90.00	180.07	7,570.0	2,472.0	-226.1	901.0	10.00	10.00	-19.99	180.07	LANDING PNT - SE
12,126.0	90.00	180.07	7,570.0	2,472.0	-4,357.9	896.1	0.00	0.00	0.00	-173.15	BHL - SELTZER 7

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Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Site:	NW NE SEC. 4 T1S R67W 6th P.M.	North Reference:	True
Well:	SELTZER 7	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	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	5,098.00	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	4,998.00	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	4,898.00	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	4,798.00	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	4,698.00	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	4,598.00	0.0	0.0	0.0	0.00	0.00	0.00
START NUDGE (2°/100ft BUR)										
600.0	0.00	0.00	600.0	4,498.00	0.0	0.0	0.0	0.00	0.00	0.00
700.0	2.00	68.96	700.0	4,398.02	0.6	1.6	-0.3	2.00	2.00	0.00
800.0	4.00	68.96	799.8	4,298.16	2.5	6.5	-1.1	2.00	2.00	0.00
900.0	6.00	68.96	899.5	4,198.55	5.6	14.6	-2.6	2.00	2.00	0.00
1,000.0	8.00	68.96	998.7	4,099.30	10.0	26.0	-4.6	2.00	2.00	0.00
1,100.0	10.00	68.96	1,097.5	4,000.53	15.6	40.6	-7.1	2.00	2.00	0.00
1,200.0	12.00	68.96	1,195.6	3,902.38	22.5	58.4	-10.2	2.00	2.00	0.00
EOB TO 12° INC										
1,200.1	12.00	68.96	1,195.7	3,902.31	22.5	58.4	-10.3	2.00	2.00	0.00
1,300.0	12.00	68.96	1,293.4	3,804.56	29.9	77.8	-13.7	0.00	0.00	0.00
1,400.0	12.00	68.96	1,391.3	3,706.75	37.4	97.2	-17.1	0.00	0.00	0.00
1,500.0	12.00	68.96	1,489.1	3,608.93	44.9	116.6	-20.5	0.00	0.00	0.00
1,600.0	12.00	68.96	1,586.9	3,511.12	52.3	136.1	-23.9	0.00	0.00	0.00
9 5/8" SURFACE CASING										
1,695.2	12.00	68.96	1,680.0	3,418.00	59.5	154.5	-27.1	0.00	0.00	0.00
1,700.0	12.00	68.96	1,684.7	3,413.31	59.8	155.5	-27.3	0.00	0.00	0.00
1,800.0	12.00	68.96	1,782.5	3,315.49	67.3	174.9	-30.7	0.00	0.00	0.00
1,900.0	12.00	68.96	1,880.3	3,217.68	74.7	194.3	-34.1	0.00	0.00	0.00
2,000.0	12.00	68.96	1,978.1	3,119.86	82.2	213.7	-37.5	0.00	0.00	0.00
2,100.0	12.00	68.96	2,076.0	3,022.05	89.7	233.1	-40.9	0.00	0.00	0.00
2,200.0	12.00	68.96	2,173.8	2,924.23	97.1	252.5	-44.3	0.00	0.00	0.00
2,300.0	12.00	68.96	2,271.6	2,826.42	104.6	271.9	-47.7	0.00	0.00	0.00
2,400.0	12.00	68.96	2,369.4	2,728.61	112.1	291.3	-51.1	0.00	0.00	0.00
2,500.0	12.00	68.96	2,467.2	2,630.79	119.5	310.7	-54.5	0.00	0.00	0.00
2,600.0	12.00	68.96	2,565.0	2,532.98	127.0	330.1	-57.9	0.00	0.00	0.00
2,700.0	12.00	68.96	2,662.8	2,435.16	134.5	349.5	-61.3	0.00	0.00	0.00
2,800.0	12.00	68.96	2,760.7	2,337.35	141.9	368.9	-64.7	0.00	0.00	0.00
2,900.0	12.00	68.96	2,858.5	2,239.53	149.4	388.3	-68.1	0.00	0.00	0.00
3,000.0	12.00	68.96	2,956.3	2,141.72	156.9	407.8	-71.5	0.00	0.00	0.00
3,100.0	12.00	68.96	3,054.1	2,043.91	164.3	427.2	-74.9	0.00	0.00	0.00
3,200.0	12.00	68.96	3,151.9	1,946.09	171.8	446.6	-78.3	0.00	0.00	0.00
3,300.0	12.00	68.96	3,249.7	1,848.28	179.3	466.0	-81.7	0.00	0.00	0.00
3,400.0	12.00	68.96	3,347.5	1,750.46	186.7	485.4	-85.1	0.00	0.00	0.00
3,500.0	12.00	68.96	3,445.4	1,652.65	194.2	504.8	-88.5	0.00	0.00	0.00
3,600.0	12.00	68.96	3,543.2	1,554.83	201.7	524.2	-92.0	0.00	0.00	0.00
3,700.0	12.00	68.96	3,641.0	1,457.02	209.1	543.6	-95.4	0.00	0.00	0.00
3,800.0	12.00	68.96	3,738.8	1,359.21	216.6	563.0	-98.8	0.00	0.00	0.00
3,900.0	12.00	68.96	3,836.6	1,261.39	224.1	582.4	-102.2	0.00	0.00	0.00
4,000.0	12.00	68.96	3,934.4	1,163.58	231.5	601.8	-105.6	0.00	0.00	0.00
4,100.0	12.00	68.96	4,032.2	1,065.76	239.0	621.2	-109.0	0.00	0.00	0.00
PARKMAN										
4,199.9	12.00	68.96	4,130.0	968.00	246.5	640.6	-112.4	0.00	0.00	0.00
4,200.0	12.00	68.96	4,130.1	967.95	246.5	640.6	-112.4	0.00	0.00	0.00
4,300.0	12.00	68.96	4,227.9	870.14	253.9	660.0	-115.8	0.00	0.00	0.00
4,400.0	12.00	68.96	4,325.7	772.32	261.4	679.4	-119.2	0.00	0.00	0.00
4,500.0	12.00	68.96	4,423.5	674.51	268.9	698.9	-122.6	0.00	0.00	0.00
4,600.0	12.00	68.96	4,521.3	576.69	276.3	718.3	-126.0	0.00	0.00	0.00

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Well:	SELTZER 7	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	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)
4,700.0	12.00	68.96	4,619.1	478.88	283.8	737.7	-129.4	0.00	0.00	0.00
4,800.0	12.00	68.96	4,716.9	381.06	291.3	757.1	-132.8	0.00	0.00	0.00
4,900.0	12.00	68.96	4,814.8	283.25	298.7	776.5	-136.2	0.00	0.00	0.00
5,000.0	12.00	68.96	4,912.6	185.44	306.2	795.9	-139.6	0.00	0.00	0.00
SUSSEX										
5,058.7	12.00	68.96	4,970.0	128.00	310.6	807.3	-141.6	0.00	0.00	0.00
5,100.0	12.00	68.96	5,010.4	87.62	313.7	815.3	-143.0	0.00	0.00	0.00
5,200.0	12.00	68.96	5,108.2	-10.19	321.1	834.7	-146.4	0.00	0.00	0.00
END OF TANGENT										
5,244.1	12.00	68.96	5,151.3	-53.31	324.4	843.3	-147.9	0.00	0.00	0.00
5,300.0	10.88	68.96	5,206.1	-108.12	328.4	853.6	-149.7	2.00	-2.00	0.00
5,400.0	8.88	68.96	5,304.6	-206.63	334.6	869.6	-152.5	2.00	-2.00	0.00
5,500.0	6.88	68.96	5,403.7	-305.68	339.5	882.4	-154.8	2.00	-2.00	0.00
5,600.0	4.88	68.96	5,503.1	-405.15	343.2	892.0	-156.5	2.00	-2.00	0.00
5,700.0	2.88	68.96	5,602.9	-504.91	345.6	898.3	-157.6	2.00	-2.00	0.00
5,800.0	0.88	68.96	5,702.9	-604.85	346.8	901.4	-158.1	2.00	-2.00	0.00
EOD TO VERTICAL										
5,844.1	0.00	0.00	5,747.0	-649.00	346.9	901.7	-158.2	2.00	-2.00	0.00
5,900.0	0.00	0.00	5,802.9	-704.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,000.0	0.00	0.00	5,902.9	-804.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,100.0	0.00	0.00	6,002.9	-904.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,200.0	0.00	0.00	6,102.9	-1,004.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,300.0	0.00	0.00	6,202.9	-1,104.85	346.9	901.7	-158.2	0.00	0.00	0.00
SHANNON										
6,377.1	0.00	0.00	6,280.0	-1,182.00	346.9	901.7	-158.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,302.9	-1,204.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,500.0	0.00	0.00	6,402.9	-1,304.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,502.9	-1,404.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,700.0	0.00	0.00	6,602.9	-1,504.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,702.9	-1,604.85	346.9	901.7	-158.2	0.00	0.00	0.00
6,900.0	0.00	0.00	6,802.9	-1,704.85	346.9	901.7	-158.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,902.9	-1,804.85	346.9	901.7	-158.2	0.00	0.00	0.00
KOP (10°/100ft BUR)										
7,094.1	0.00	0.00	6,997.0	-1,899.00	346.9	901.7	-158.2	0.00	0.00	0.00
7,100.0	0.59	180.07	7,002.9	-1,904.85	346.9	901.7	-158.1	10.00	10.00	0.00
7,200.0	10.58	180.07	7,102.3	-2,004.25	337.2	901.7	-148.6	10.00	10.00	0.00
7,300.0	20.58	180.07	7,198.5	-2,100.45	310.3	901.7	-122.3	10.00	10.00	0.00
7,400.0	30.58	180.07	7,288.5	-2,190.53	267.2	901.6	-80.1	10.00	10.00	0.00
7,500.0	40.58	180.07	7,369.8	-2,271.76	209.1	901.5	-23.2	10.00	10.00	0.00
SHARON SPRINGS										
7,570.0	47.58	180.07	7,420.0	-2,322.00	160.4	901.5	24.4	10.00	10.00	0.00
7,600.0	50.58	180.07	7,439.7	-2,341.66	137.7	901.5	46.6	10.00	10.00	0.00
NIOBRARA										
7,600.5	50.64	180.07	7,440.0	-2,342.00	137.3	901.4	47.1	10.00	10.00	0.00
7,700.0	60.58	180.07	7,496.1	-2,398.11	55.4	901.4	127.3	10.00	10.00	0.00
7,800.0	70.58	180.07	7,537.4	-2,439.40	-35.6	901.2	216.4	10.00	10.00	0.00
7,900.0	80.58	180.07	7,562.3	-2,464.27	-132.3	901.1	311.1	10.00	10.00	0.00
LANDING PNT - SELTZER 7 - NIO B										
7,994.3	90.00	180.07	7,570.0	-2,472.00	-226.1	901.0	403.0	10.00	10.00	0.00
8,000.0	90.00	180.07	7,570.0	-2,472.00	-231.9	901.0	408.6	0.00	0.00	0.00
8,100.0	90.00	180.07	7,570.0	-2,471.99	-331.9	900.9	506.5	0.00	0.00	0.00
8,200.0	90.00	180.07	7,570.0	-2,471.99	-431.9	900.8	604.5	0.00	0.00	0.00
8,300.0	90.00	180.07	7,570.0	-2,471.98	-531.9	900.7	702.4	0.00	0.00	0.00

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SELTZER 7
Company:	EXTRACTION OIL & GAS	TVD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Site:	NW NE SEC. 4 T1S R67W 6th P.M.	North Reference:	True
Well:	SELTZER 7	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	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)
8,400.0	90.00	180.07	7,570.0	-2,471.97	-631.9	900.5	800.3	0.00	0.00	0.00
8,500.0	90.00	180.07	7,570.0	-2,471.97	-731.9	900.4	898.2	0.00	0.00	0.00
8,600.0	90.00	180.07	7,570.0	-2,471.96	-831.9	900.3	996.2	0.00	0.00	0.00
8,700.0	90.00	180.07	7,570.0	-2,471.96	-931.9	900.2	1,094.1	0.00	0.00	0.00
8,800.0	90.00	180.07	7,570.0	-2,471.95	-1,031.9	900.1	1,192.0	0.00	0.00	0.00
8,900.0	90.00	180.07	7,569.9	-2,471.95	-1,131.9	899.9	1,290.0	0.00	0.00	0.00
9,000.0	90.00	180.07	7,569.9	-2,471.94	-1,231.9	899.8	1,387.9	0.00	0.00	0.00
9,100.0	90.00	180.07	7,569.9	-2,471.94	-1,331.9	899.7	1,485.8	0.00	0.00	0.00
9,200.0	90.00	180.07	7,569.9	-2,471.94	-1,431.9	899.6	1,583.7	0.00	0.00	0.00
9,300.0	90.00	180.07	7,569.9	-2,471.93	-1,531.9	899.5	1,681.7	0.00	0.00	0.00
9,400.0	90.00	180.07	7,569.9	-2,471.93	-1,631.9	899.3	1,779.6	0.00	0.00	0.00
9,500.0	90.00	180.07	7,569.9	-2,471.93	-1,731.9	899.2	1,877.5	0.00	0.00	0.00
9,600.0	90.00	180.07	7,569.9	-2,471.93	-1,831.9	899.1	1,975.4	0.00	0.00	0.00
9,700.0	90.00	180.07	7,569.9	-2,471.93	-1,931.9	899.0	2,073.4	0.00	0.00	0.00
9,800.0	90.00	180.07	7,569.9	-2,471.92	-2,031.9	898.9	2,171.3	0.00	0.00	0.00
9,900.0	90.00	180.07	7,569.9	-2,471.92	-2,131.9	898.7	2,269.2	0.00	0.00	0.00
10,000.0	90.00	180.07	7,569.9	-2,471.92	-2,231.9	898.6	2,367.1	0.00	0.00	0.00
10,100.0	90.00	180.07	7,569.9	-2,471.92	-2,331.9	898.5	2,465.1	0.00	0.00	0.00
10,200.0	90.00	180.07	7,569.9	-2,471.92	-2,431.9	898.4	2,563.0	0.00	0.00	0.00
10,300.0	90.00	180.07	7,569.9	-2,471.92	-2,531.9	898.3	2,660.9	0.00	0.00	0.00
10,400.0	90.00	180.07	7,569.9	-2,471.93	-2,631.9	898.2	2,758.8	0.00	0.00	0.00
10,500.0	90.00	180.07	7,569.9	-2,471.93	-2,731.9	898.0	2,856.8	0.00	0.00	0.00
10,600.0	90.00	180.07	7,569.9	-2,471.93	-2,831.9	897.9	2,954.7	0.00	0.00	0.00
10,700.0	90.00	180.07	7,569.9	-2,471.93	-2,931.9	897.8	3,052.6	0.00	0.00	0.00
10,800.0	90.00	180.07	7,569.9	-2,471.93	-3,031.9	897.7	3,150.6	0.00	0.00	0.00
10,900.0	90.00	180.07	7,569.9	-2,471.94	-3,131.9	897.6	3,248.5	0.00	0.00	0.00
11,000.0	90.00	180.07	7,569.9	-2,471.94	-3,231.9	897.4	3,346.4	0.00	0.00	0.00
11,100.0	90.00	180.07	7,569.9	-2,471.94	-3,331.9	897.3	3,444.3	0.00	0.00	0.00
11,200.0	90.00	180.07	7,569.9	-2,471.95	-3,431.9	897.2	3,542.3	0.00	0.00	0.00
11,300.0	90.00	180.07	7,570.0	-2,471.95	-3,531.9	897.1	3,640.2	0.00	0.00	0.00
11,400.0	90.00	180.07	7,570.0	-2,471.96	-3,631.9	897.0	3,738.1	0.00	0.00	0.00
11,500.0	90.00	180.07	7,570.0	-2,471.96	-3,731.9	896.9	3,836.0	0.00	0.00	0.00
11,600.0	90.00	180.07	7,570.0	-2,471.97	-3,831.9	896.7	3,934.0	0.00	0.00	0.00
11,700.0	90.00	180.07	7,570.0	-2,471.97	-3,931.9	896.6	4,031.9	0.00	0.00	0.00
11,800.0	90.00	180.07	7,570.0	-2,471.98	-4,031.9	896.5	4,129.8	0.00	0.00	0.00
11,900.0	90.00	180.07	7,570.0	-2,471.98	-4,131.9	896.4	4,227.7	0.00	0.00	0.00
12,000.0	90.00	180.07	7,570.0	-2,471.99	-4,231.9	896.3	4,325.7	0.00	0.00	0.00
12,100.0	90.00	180.07	7,570.0	-2,472.00	-4,331.9	896.2	4,423.6	0.00	0.00	0.00
BHL - SELTZER 7										
12,126.0	90.00	180.07	7,570.0	-2,472.00	-4,357.9	896.1	4,449.1	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SELTZER 7
Company:	EXTRACTION OIL & GAS	TVD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Project:	WELD COUNTY, COLORADO (NAD 83)	MD Reference:	KB-EST @ 5098.0usft (Original Well Elev)
Site:	NW NE SEC. 4 T1S R67W 6th P.M.	North Reference:	True
Well:	SELTZER 7	Survey Calculation Method:	Minimum Curvature
Wellbore:	ORIGINAL WELLBORE		
Design:	PROPOSAL #1		

Formations					
MD (usft)	TVD (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,199.9	4,130.0	PARKMAN			
5,058.7	4,970.0	SUSSEX			
6,377.1	6,280.0	SHANNON			
7,570.0	7,420.0	SHARON SPRINGS			
7,600.5	7,440.0	NIOBRARA			
7,994.3	7,570.0	NIO B			

Plan Annotations				
MD (usft)	TVD (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
600.0	600.0	0.0	0.0	START NUDGE (2°/100ft BUR)
1,200.1	1,195.7	22.5	58.4	EOB TO 12° INC
1,695.2	1,680.0	59.5	154.5	9 5/8" SURFACE CASING
5,244.1	5,151.3	324.4	843.3	END OF TANGENT
5,844.1	5,747.0	346.9	901.7	EOD TO VERTICAL
7,094.1	6,997.0	346.9	901.7	KOP (10°/100ft BUR)
7,994.3	7,570.0	-226.1	901.0	LANDING PNT - SELTZER 7
12,126.0	7,570.0	-4,357.9	896.1	BHL - SELTZER 7