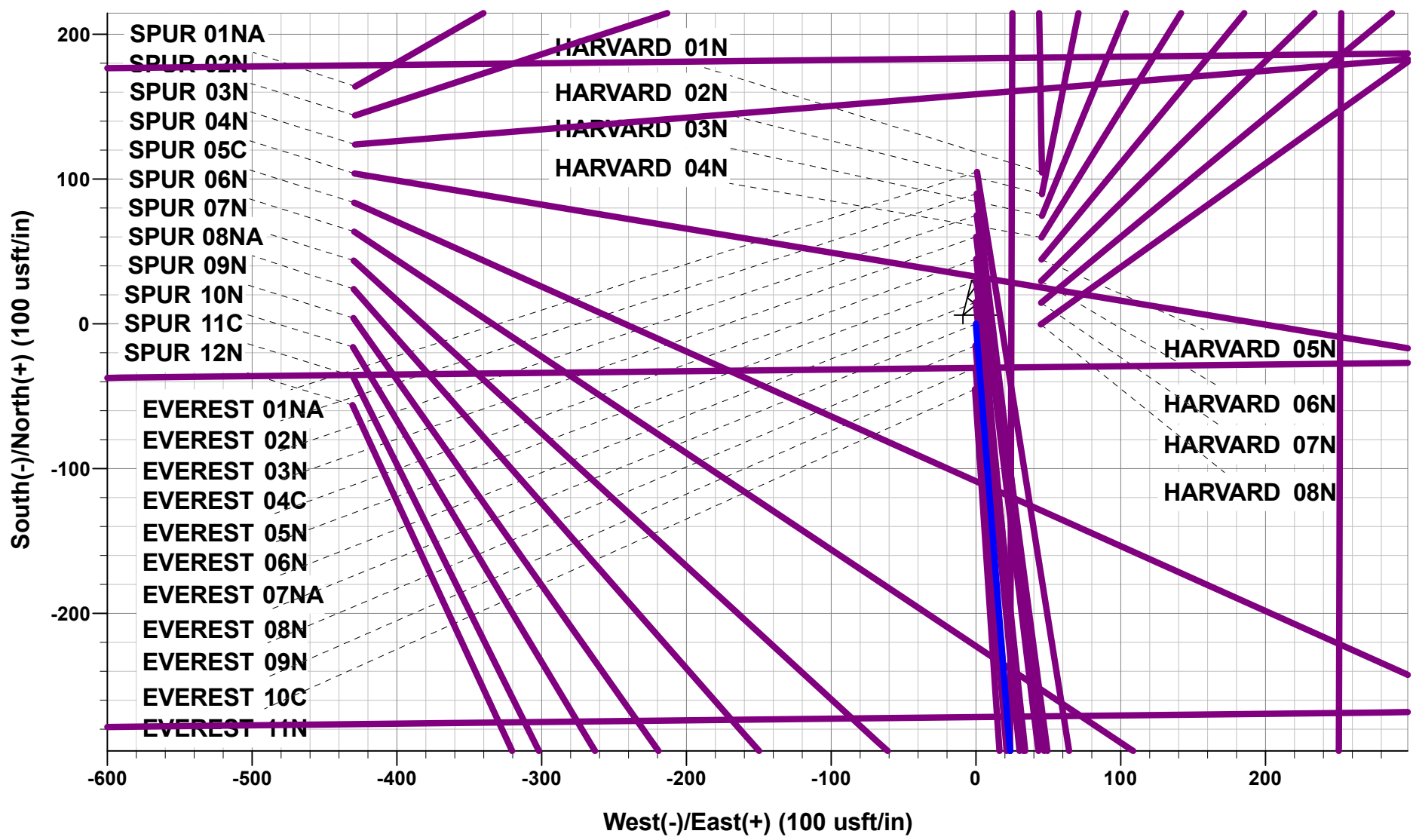




Project: WELD COUNTY, COLORADO (TRUE)  
Site: NW NE SEC. 34 T6N R66W 6th P.M.  
Well: EVEREST 08N  
Wellbore: ORIGINAL WELLBORE  
Design: PROPOSAL #1

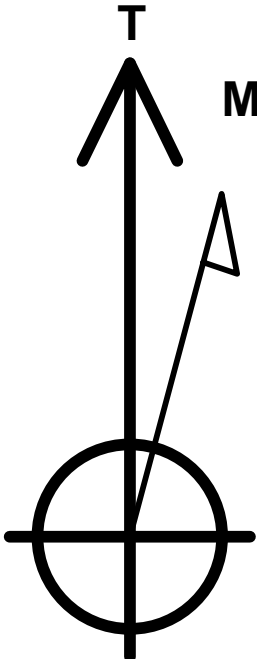
ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Dep	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 749ft FNL & 2622ft FEL of Sec 34
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	START NUDGE (4°/100ft BUR)
1573.39	38.94	175.44	1500.18	-317.19	25.31	85.87	318.20	EOB TO 38.94° INC
6544.11	38.94	175.44	5366.68	-3431.12	273.73	928.84	3442.02	END OF TANGENT
7517.49	0.00	0.00	6266.86	-3748.31	299.04	1014.71	3760.22	EOD TO VERTICAL
7617.49	0.00	0.00	6366.86	-3748.31	299.04	1014.71	3760.22	KOP (8°/100ft BUR)
8555.00	75.00	269.59	7058.66	-3752.11	-231.78	1514.14	4291.05	EP *NEW*: 900ft FSL & 2449ft FWL of Sec 34
8752.09	90.77	269.59	7082.99	-3753.51	-426.73	1697.56	4486.01	HZ LANDING POINT
8967.87	90.77	269.59	7080.10	-3755.05	-642.49	1900.56	4701.77	END OF TANGENT
9207.84	90.77	264.79	7076.89	-3766.81	-882.08	2129.45	4941.72	EOT TO 264.79° AZ
9307.84	90.77	264.79	7075.55	-3775.89	-981.66	2226.03	5041.71	END OF TANGENT
9547.82	90.77	269.59	7072.32	-3787.65	-1221.25	2454.93	5281.67	EOT TO 269.59° AZ
16610.86	90.77	269.59	6977.45	-3838.19	-8283.48	9099.52	12344.07	END OF TANGENT
16806.34	90.77	273.50	6974.82	-3832.92	-8478.83	9281.02	12539.54	EOT TO 273.5° AZ
16906.34	90.77	273.50	6973.47	-3826.81	-8578.64	9372.57	12639.53	END OF TANGENT
17101.82	90.77	269.59	6970.84	-3821.54	-8773.99	9554.07	12834.99	EOT TO 269.59° AZ
17298.80	90.77	265.65	6968.18	-3829.72	-8970.75	9741.53	13031.96	EOT TO 265.65° AZ
17398.80	90.77	265.65	6966.83	-3837.31	-9070.45	9837.71	13131.95	END OF TANGENT
17595.79	90.77	269.59	6964.17	-3845.48	-9267.21	10025.17	13328.91	EOT TO 269.59° AZ
18794.16	90.77	269.59	6948.00	-3854.04	-10465.44	11152.53	14527.17	BHL: 857ft FSL & 2502ft FEL of Sec 32



PROPOSED LOCAL COORDINATES:

SHL: 749ft FNL & 2622ft FEL of Sec 34  
EP \*NEW\*: 900ft FSL & 2449ft FWL of Sec 34  
BHL: 857ft FSL & 2502ft FEL of Sec 32

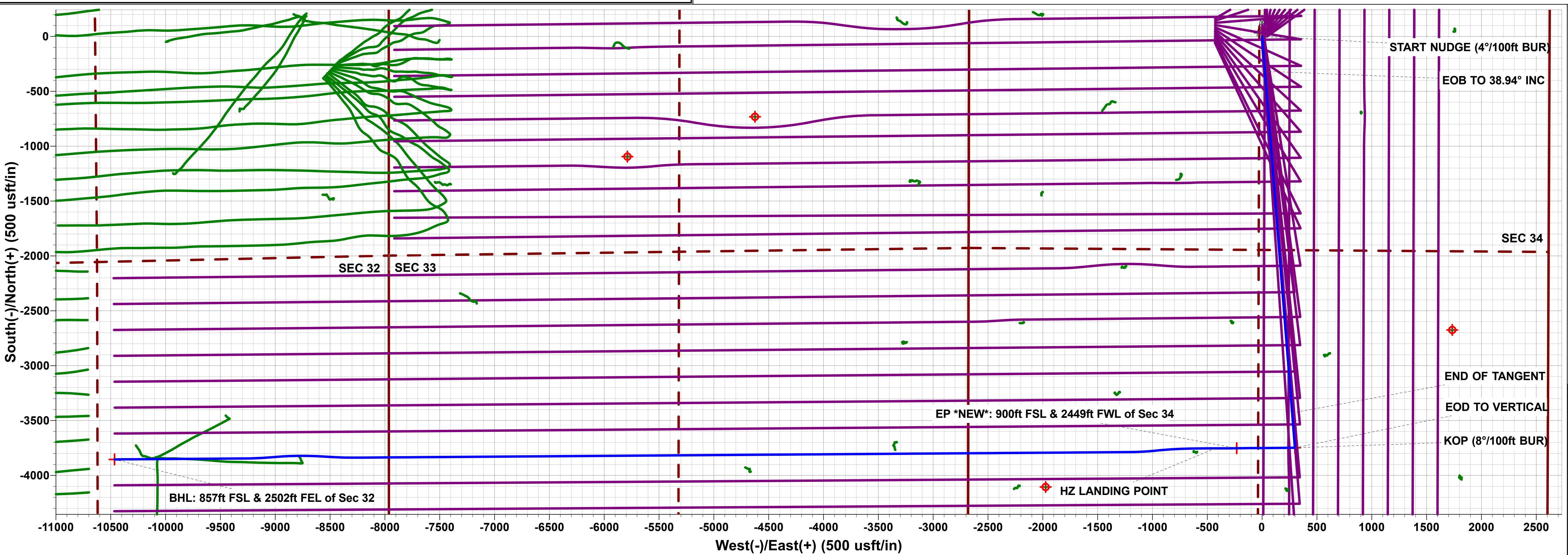
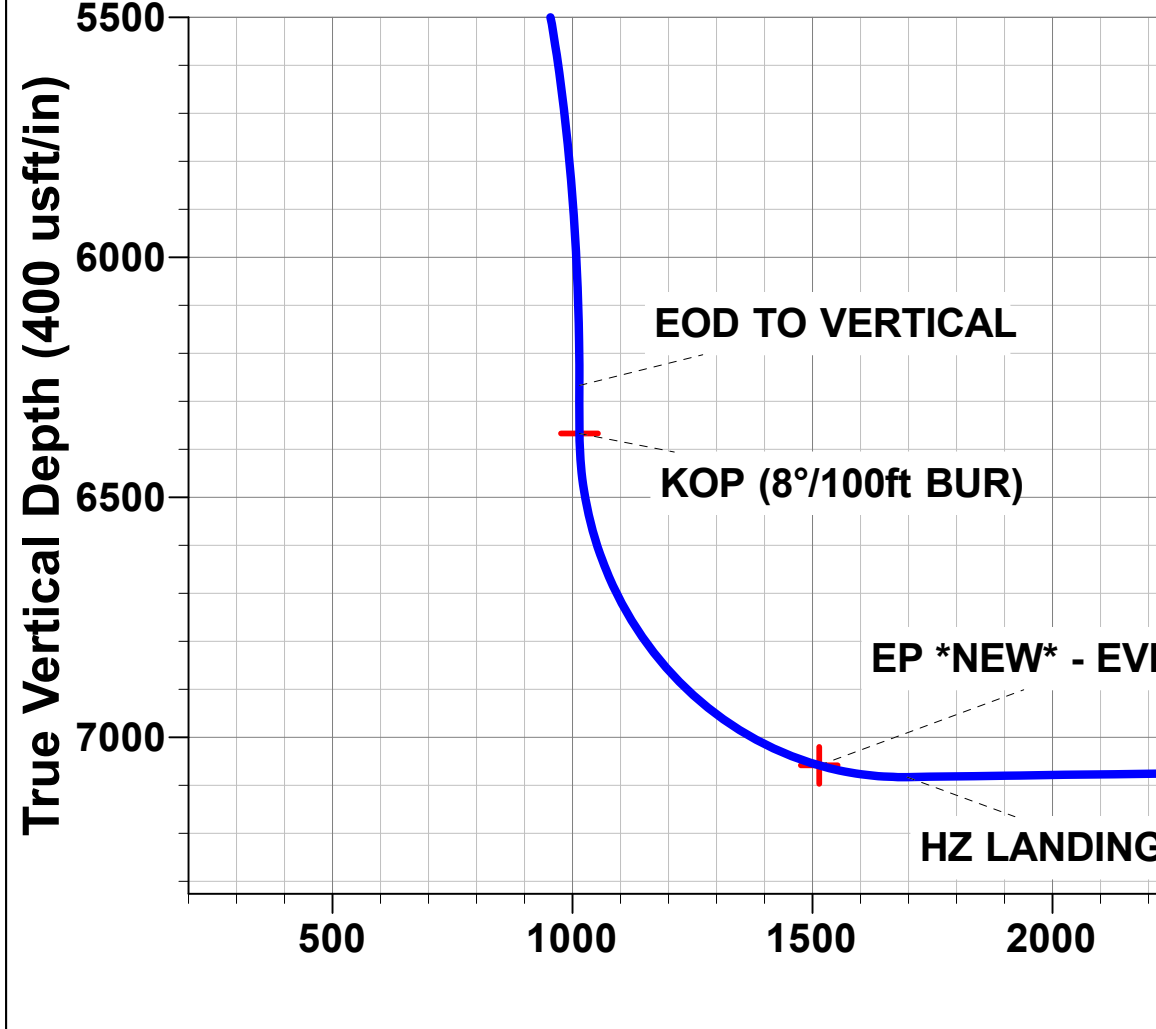
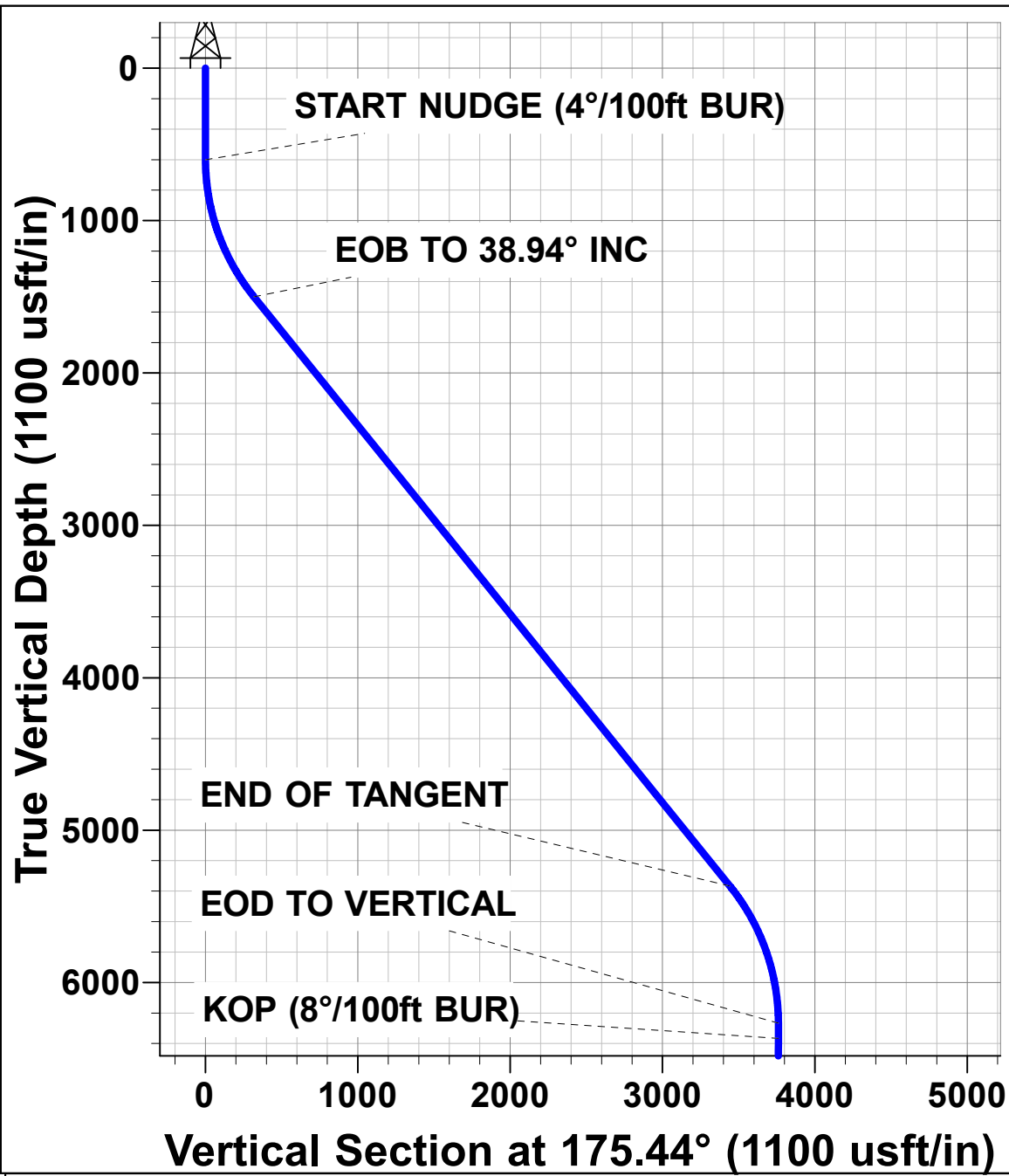


Azimuths to True North  
Magnetic North: 7.86°

Magnetic Field  
Strength: 51985.4nT  
Dip Angle: 66.69°  
Date: 2021-05-31  
Model: IGRF2020

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - EVEREST 08N	6948.00	-3854.04	-10465.44	1403730.03	3194455.75	40.439538	-104.801386
EP *NEW* - EVEREST 08N	7058.66	-3752.11	-231.78	1403916.91	3204687.82	40.439824	-104.764622
KOP - EVEREST 08N	6366.86	-3748.31	299.04	1403925.11	3205218.57	40.439834	-104.762715



# **PDC ENERGY**

**WELD COUNTY, COLORADO (TRUE)  
NW NE SEC. 34 T6N R66W 6th P.M.  
EVEREST 08N**

**ORIGINAL WELLBORE  
PROPOSAL #1**

## **Anticollision Report**

**08 June, 2021**

# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	PROPOSAL #1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD + Stations Interval 100.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum centre distance of 9,999.98usft	<b>Error Surface:</b>	Ellipsoid Separation
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	2021-06-08		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	18,793.97	PROPOSAL #1 (ORIGINAL WELLBORE)	MWD	MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
ABDN DD AG #32-31D - Wellbore #1 - Wellbore #1	18,293.44	7,141.92	3,804.28	3,492.55	12.204	CC
ABDN DD AG #32-31D - Wellbore #1 - Wellbore #1	18,400.00	7,140.67	3,805.77	3,492.30	12.141	ES
ABDN DD AG #32-31D - Wellbore #1 - Wellbore #1	18,700.00	7,137.25	3,825.94	3,508.90	12.068	SF
ABDN DD AG #32-32D - Wellbore #1 - Wellbore #1	18,235.27	7,276.18	2,596.45	2,286.39	8.374	CC, ES
ABDN DD AG #32-32D - Wellbore #1 - Wellbore #1	18,300.00	7,276.32	2,597.26	2,286.92	8.369	SF
ABDN DD AG #32-65D - Wellbore #1 - Wellbore #1	17,628.67	7,118.13	3,189.04	2,904.75	11.217	CC
ABDN DD AG #32-65D - Wellbore #1 - Wellbore #1	17,700.00	7,118.08	3,189.84	2,904.62	11.184	ES
ABDN DD AG #32-65D - Wellbore #1 - Wellbore #1	17,900.00	7,118.05	3,200.56	2,913.46	11.148	SF
ABDN DD AG #33-11D - Wellbore #1 - Wellbore #1	15,817.38	7,030.61	3,779.64	3,561.97	17.365	CC
ABDN DD AG #33-11D - Wellbore #1 - Wellbore #1	15,900.00	7,027.17	3,780.54	3,561.42	17.253	ES
ABDN DD AG #33-11D - Wellbore #1 - Wellbore #1	16,400.00	7,004.31	3,824.19	3,598.42	16.938	SF
ABDN DD SRC #31-5D - Wellbore #1 - Wellbore #1	18,495.78	7,340.99	1,457.22	1,151.44	4.766	CC
ABDN DD SRC #31-5D - Wellbore #1 - Wellbore #1	18,600.00	7,343.55	1,460.94	1,149.95	4.698	ES
ABDN DD SRC #31-5D - Wellbore #1 - Wellbore #1	18,700.00	7,346.02	1,471.45	1,156.92	4.678	SF
ABDN DD SRC #32DD - Wellbore #1 - Wellbore #1	17,700.00	7,113.47	389.25	101.69	1.354	Level 3, SF
ABDN DD SRC #32DD - Wellbore #1 - Wellbore #1	17,769.17	7,114.12	383.06	101.17	1.359	Level 3, CC, ES
ABDN DD SRC #44-32D - Wellbore #1 - Wellbore #1	17,094.90	7,264.59	32.26	-166.49	0.162	Level 3, CC
ABDN DD SRC #44-32D - Wellbore #1 - Wellbore #1	17,100.00	7,264.61	32.65	-205.68	0.137	Level 3, ES, SF
ABDN VERT AG #32-41 - Wellbore #1 - Wellbore #1	17,110.33	6,946.82	4,019.59	3,766.57	15.886	CC, ES
ABDN VERT AG #32-41 - Wellbore #1 - Wellbore #1	17,700.00	6,945.15	4,080.99	3,819.46	15.604	SF
ABDN VERT AG #33-12 - Wellbore #1 - Wellbore #1	15,850.03	6,934.27	2,502.62	2,285.03	11.502	CC
ABDN VERT AG #33-12 - Wellbore #1 - Wellbore #1	15,900.00	6,934.07	2,503.12	2,284.91	11.471	ES
ABDN VERT AG #33-12 - Wellbore #1 - Wellbore #1	16,000.00	6,933.65	2,507.11	2,287.92	11.438	SF
ABDN VERT BAUER #1-34 - Wellbore #1 - Wellbore #1	150.18	132.18	728.45	728.13	2,225.244	CC
ABDN VERT BAUER #1-34 - Wellbore #1 - Wellbore #1	600.00	580.45	729.31	727.66	441.717	ES
ABDN VERT BAUER #1-34 - Wellbore #1 - Wellbore #1	12,100.00	6,951.91	5,094.23	5,012.00	61.958	SF
ABDN VERT BAUER L #34-20 - Wellbore #1 - Wellbore	4,193.24	3,481.36	1,425.90	1,385.89	35.640	CC
ABDN VERT BAUER L #34-20 - Wellbore #1 - Wellbore	4,200.00	3,486.44	1,425.91	1,385.81	35.563	ES
ABDN VERT BAUER L #34-20 - Wellbore #1 - Wellbore	5,000.00	4,120.32	1,512.94	1,465.17	31.672	SF
ABDN VERT BAUXMAN H #1-27 - Wellbore #1 - Design	600.00	585.00	2,463.01	2,450.37	194.895	CC, ES
ABDN VERT BAUXMAN H #1-27 - Wellbore #1 - Design	12,200.00	7,021.70	5,543.44	5,303.21	23.076	SF
ABDN VERT BROWN DAVEE #1-34 - Wellbore #1 - We	100.00	61.24	1,755.72	1,755.57	10,000.000	CC
ABDN VERT BROWN DAVEE #1-34 - Wellbore #1 - We	1,100.00	1,050.88	1,758.60	1,755.26	526.555	ES
ABDN VERT BROWN DAVEE #1-34 - Wellbore #1 - We	4,200.00	3,536.37	2,574.43	2,545.10	87.787	SF
ABDN VERT BROWN DAVEE #2-34 - Wellbore #1 - We	2,279.96	2,018.71	843.79	827.61	52.158	CC
ABDN VERT BROWN DAVEE #2-34 - Wellbore #1 - We	2,300.00	2,034.39	843.88	827.46	51.387	ES
ABDN VERT BROWN DAVEE #2-34 - Wellbore #1 - We	2,900.00	2,502.08	928.82	906.86	42.298	SF

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



# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
ABDN VERT BROWN DAVEE #3-34 - Wellbore #1 - We	100.00	68.52	668.87	668.72	4,272.027	CC, ES
ABDN VERT BROWN DAVEE #3-34 - Wellbore #1 - We	11,700.00	7,067.29	5,700.69	5,631.01	81.813	SF
ABDN VERT BROWN, HI #1-27 - Wellbore #1 - Wellbore	600.77	579.47	1,394.95	1,393.34	870.330	CC, ES
ABDN VERT BROWN, HI #1-27 - Wellbore #1 - Wellbore	13,000.00	6,953.34	7,303.41	7,215.41	82.992	SF
ABDN VERT BROWN, HI #3-27 - Wellbore #1 - Wellbore	380.42	358.43	2,470.60	2,469.62	2,519.790	CC
ABDN VERT BROWN, HI #3-27 - Wellbore #1 - Wellbore	400.00	375.07	2,470.61	2,469.58	2,404.515	ES
ABDN VERT BROWN, HI #3-27 - Wellbore #1 - Wellbore	13,100.00	6,900.00	8,558.01	8,476.43	104.909	SF
ABDN VERT BROWN, HI #4-27 - Wellbore #1 - Wellbore	0.00	0.00	1,698.78			
ABDN VERT BROWN, HI #4-27 - Wellbore #1 - Wellbore	600.00	583.39	1,700.43	1,698.77	1,025.315	ES
ABDN VERT BROWN, HI #4-27 - Wellbore #1 - Wellbore	13,400.00	6,950.35	6,930.35	6,826.17	66.526	SF
ABDN VERT DAVIS #33-16 - Wellbore #1 - Wellbore #1	11,675.07	7,022.02	43.62	-43.22	0.502	Level 3, CC, ES, SF
ABDN VERT DAVIS #33-8 - Wellbore #1 - Wellbore #1	11,520.50	7,054.28	2,480.97	2,382.83	25.280	CC, ES
ABDN VERT DAVIS #33-8 - Wellbore #1 - Wellbore #1	12,000.00	7,050.09	2,526.88	2,423.23	24.379	SF
ABDN VERT DAVIS W #2-33 - Wellbore #1 - Wellbore #	13,030.22	7,010.82	120.68	-3.04	0.975	Level 3, CC, ES, SF
ABDN VERT FOUR C LAND #2 - Wellbore #1 - Design #	18,794.16	6,935.00	1,386.33	992.07	3.516	CC, ES, SF
ABDN VERT KELLY #1-3 - Wellbore #1 - Design #1	10,468.14	7,103.96	3,083.63	2,872.88	14.631	CC
ABDN VERT KELLY #1-3 - Wellbore #1 - Design #1	10,600.00	7,102.19	3,086.45	2,871.03	14.328	ES
ABDN VERT KELLY #1-3 - Wellbore #1 - Design #1	11,600.00	7,088.76	3,284.76	3,036.75	13.244	SF
ABDN VERT KELLY #2-3 - Wellbore #1 - Design #1	9,280.48	7,103.91	1,672.33	1,488.32	9.088	CC
ABDN VERT KELLY #2-3 - Wellbore #1 - Design #1	9,307.84	7,103.55	1,672.56	1,487.52	9.039	ES
ABDN VERT KELLY #2-3 - Wellbore #1 - Design #1	9,700.00	7,098.28	1,746.05	1,545.01	8.685	SF
ABDN VERT LOWELL #1-34 - Wellbore #1 - Wellbore #1	7,982.30	6,700.02	372.83	346.03	13.912	CC, ES
ABDN VERT LOWELL #1-34 - Wellbore #1 - Wellbore #1	8,450.00	7,007.12	505.96	452.39	9.445	SF
ABDN VERT LOWELL-PAUL DAIRY #2-33 - Wellbore #1	14,210.65	7,169.47	3,738.69	3,566.08	21.660	CC
ABDN VERT LOWELL-PAUL DAIRY #2-33 - Wellbore #1	14,300.00	7,170.21	3,739.75	3,565.55	21.467	ES
ABDN VERT LOWELL-PAUL DAIRY #2-33 - Wellbore #1	15,000.00	7,176.02	3,821.10	3,637.63	20.827	SF
ABDN VERT LUCERO #1-34 - Wellbore #1 - Wellbore #1	5,154.12	4,250.83	479.59	427.71	9.244	CC, ES
ABDN VERT LUCERO #1-34 - Wellbore #1 - Wellbore #1	5,200.00	4,286.56	480.46	428.08	9.174	SF
ABDN VERT LUCERO #34-10 - Wellbore #1 - Wellbore #	5,766.32	4,820.01	346.40	286.75	5.807	CC, ES
ABDN VERT LUCERO #34-10 - Wellbore #1 - Wellbore #	5,800.00	4,845.73	347.07	287.24	5.801	SF
ABDN VERT LUCERO #34-6 - Wellbore #1 - Wellbore #1	2,954.67	2,537.94	836.59	812.04	34.084	CC
ABDN VERT LUCERO #34-6 - Wellbore #1 - Wellbore #1	3,000.00	2,573.13	837.08	811.98	33.346	ES
ABDN VERT LUCERO #34-6 - Wellbore #1 - Wellbore #1	3,400.00	2,881.92	882.89	854.08	30.647	SF
ABDN VERT MCINTYRE #34-16 - Wellbore #1 - Wellbor	7,621.15	6,343.86	1,540.73	1,468.95	21.464	CC, ES, SF
ABDN VERT PRR #32-42 - Wellbore #1 - Wellbore #1	16,971.28	6,951.80	2,382.03	2,134.95	9.641	CC, ES
ABDN VERT PRR #32-42 - Wellbore #1 - Wellbore #1	17,000.00	6,952.03	2,382.34	2,135.07	9.634	SF
ABDN VERT PRR #33-13 - Wellbore #1 - Wellbore #1	15,595.12	6,939.66	1,473.97	1,263.63	7.008	CC, ES
ABDN VERT PRR #33-13 - Wellbore #1 - Wellbore #1	15,600.00	6,939.77	1,473.98	1,263.63	7.007	SF
ABDN VERT SRC #34-32 - Wellbore #1 - Wellbore #1	18,566.20	7,003.16	79.34	-123.61	0.391	Level 3, CC, ES, SF
ABDN VERT STEVENS #34-14 - Wellbore #1 - Wellbore	8,949.33	7,050.80	31.05	0.76	1.025	Level 3, CC
ABDN VERT STEVENS #34-14 - Wellbore #1 - Wellbore	8,967.87	7,050.58	36.00	-1.14	0.969	Level 3, ES, SF
ABDN VERT TENNYSON #34-12 - Wellbore #1 - Wellb	10,526.36	7,030.49	1,182.41	1,105.52	15.378	CC, ES, SF
ABDN VERT TENNYSON #34-4 - Wellbore #1 - Wellbore	703.27	707.26	2,009.87	2,007.92	1,032.002	CC, ES
ABDN VERT TENNYSON #34-4 - Wellbore #1 - Wellbore	12,500.00	7,019.66	4,537.18	4,437.31	45.433	SF
ABDN VERT TENNYSON 1 #34-19 - Wellbore #1 - Wellb	1,766.13	1,588.89	1,404.97	1,394.96	140.333	CC
ABDN VERT TENNYSON 1 #34-19 - Wellbore #1 - Wellb	1,800.00	1,615.84	1,405.13	1,394.71	134.741	ES
ABDN VERT TENNYSON 1 #34-19 - Wellbore #1 - Wellb	11,500.00	7,185.08	3,574.95	3,496.68	45.674	SF
ABDN VERT TENNYSON 1 #34-25 - Wellbore #1 - Wellb	9,400.00	7,049.32	595.72	538.16	10.350	SF
ABDN VERT TENNYSON 1 #34-25 - Wellbore #1 - Wellb	9,664.49	7,044.82	537.65	488.26	10.886	CC, ES
ABDN VERT W DAVIS #1-33 - Wellbore #1 - Wellbore #	11,584.39	7,025.97	1,019.32	919.78	10.241	CC, ES, SF
ABDN VERT WILLIAMS #1-34 - Wellbore #1 - Design #1	10,303.30	7,041.18	312.33	108.75	1.534	CC, ES
ABDN VERT WILLIAMS #1-34 - Wellbore #1 - Design #1	10,400.00	7,039.88	326.95	112.20	1.522	SF
ABDN VERT WILLIAMS #2-34 - Wellbore #1 - Wellbore	3,097.21	2,652.54	2,120.97	2,094.84	81.175	CC

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

# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

## Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
ABDN VERT WILLIAMS #2-34 - Wellbore #1 - Wellbore	3,200.00	2,727.95	2,122.10	2,094.71	77.463	ES
ABDN VERT WILLIAMS #2-34 - Wellbore #1 - Wellbore	11,100.00	7,019.55	2,503.27	2,427.67	33.113	SF
ABDN VERT WILLIAMS I 34-13X - Wellbore #1 - Wellbo	10,591.68	7,034.86	327.47	255.56	4.554	CC
ABDN VERT WILLIAMS I 34-13X - Wellbore #1 - Wellbo	10,600.00	7,034.78	327.58	254.70	4.495	ES
ABDN VERT WILLIAMS I 34-13X - Wellbore #1 - Wellbo	10,700.00	7,033.79	344.92	261.27	4.123	SF
EVEREST 01NA - ORIGINAL WELLBORE - PROPOSAL	600.00	601.00	104.93	102.50	43.305	CC, ES
EVEREST 01NA - ORIGINAL WELLBORE - PROPOSAL	18,790.50	17,970.38	1,663.55	1,075.07	2.827	SF
EVEREST 02N - ORIGINAL WELLBORE - PROPOSAL	600.00	601.00	89.99	87.56	37.139	CC, ES
EVEREST 02N - ORIGINAL WELLBORE - PROPOSAL	18,781.99	18,151.36	1,416.09	822.45	2.385	SF
EVEREST 03N - ORIGINAL WELLBORE - PROPOSAL	600.00	601.00	75.05	72.63	30.975	CC, ES
EVEREST 03N - ORIGINAL WELLBORE - PROPOSAL	18,794.16	18,234.89	1,180.72	588.14	1.993	SF
EVEREST 04C - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	60.11	57.69	24.832	CC, ES
EVEREST 04C - ORIGINAL WELLBORE - PROPOSAL	18,785.82	18,489.97	957.40	376.98	1.649	SF
EVEREST 05N - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	44.81	42.39	18.512	CC, ES
EVEREST 05N - ORIGINAL WELLBORE - PROPOSAL	18,770.02	18,446.16	707.89	125.38	1.215	Level 3, SF
EVEREST 06N - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	29.88	27.45	12.341	CC
EVEREST 06N - ORIGINAL WELLBORE - PROPOSAL	18,727.49	18,500.00	472.62	-35.35	0.930	Level 3, ES, SF
EVEREST 07NA - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	14.94	12.52	6.170	CC
EVEREST 07NA - ORIGINAL WELLBORE - PROPOSAL	18,781.11	18,585.42	279.43	-22.68	0.925	Level 3, ES, SF
EVEREST 09N - ORIGINAL WELLBORE - PROPOSAL	500.00	500.00	14.94	12.97	7.579	CC
EVEREST 09N - ORIGINAL WELLBORE - PROPOSAL	18,794.16	18,913.93	246.21	-148.02	0.625	Level 3, ES, SF
EVEREST 10C - ORIGINAL WELLBORE - PROPOSAL	400.00	400.00	30.24	28.72	19.873	CC, ES
EVEREST 10C - ORIGINAL WELLBORE - PROPOSAL	18,794.16	19,176.50	489.71	33.56	1.074	Level 3, SF
EVEREST 11N - ORIGINAL WELLBORE - PROPOSAL #	300.00	299.00	45.18	44.11	42.227	CC, ES
EVEREST 11N - ORIGINAL WELLBORE - PROPOSAL #	18,794.16	19,134.77	707.85	127.94	1.221	Level 3, SF
EXIST HZ AG #32C-31-L - Wellbore #1 - Wellbore #1	18,794.16	10,117.28	2,137.72	1,758.84	5.642	CC, ES, SF
EXIST HZ AG #5N-31A-L - Wellbore #1 - Wellbore #1	18,794.16	9,946.71	2,401.40	2,020.14	6.299	CC, ES, SF
EXIST HZ AG STATE #30N-31B-L - Wellbore #1 - Wellbo	18,680.89	9,724.00	4,336.89	3,966.41	11.706	CC
EXIST HZ AG STATE #30N-31B-L - Wellbore #1 - Wellbo	18,794.16	9,783.99	4,337.59	3,962.76	11.572	ES, SF
EXIST HZ AG STATE #31C-31-L - Wellbore #1 - Wellbor	18,356.86	9,590.31	3,000.99	2,648.19	8.506	CC
EXIST HZ AG STATE #31C-31-L - Wellbore #1 - Wellbor	18,794.16	9,950.25	3,011.30	2,637.95	8.066	ES, SF
EXIST HZ AG STATE #31N-31B-L - Wellbore #1 - Wellbo	18,794.16	10,074.14	2,809.05	2,425.51	7.324	CC, ES, SF
EXIST HZ AG STATE #31N-31C-L - Wellbore #1 - Wellbo	18,608.72	9,746.40	3,246.59	2,880.18	8.861	CC
EXIST HZ AG STATE #31N-31C-L - Wellbore #1 - Wellbo	18,794.16	9,864.20	3,249.21	2,875.43	8.693	ES, SF
EXIST HZ AG STATE #32N-31C-L - Wellbore #1 - Wellbo	18,794.16	10,214.25	1,914.19	1,530.18	4.985	CC, ES, SF
EXIST HZ AG STATE #4C-31-L - Wellbore #1 - Wellbore	18,794.16	10,144.90	3,341.39	2,959.99	8.761	CC, ES, SF
EXIST HZ AG STATE #4N-31B-L - Wellbore #1 - Wellbor	18,023.77	9,065.00	3,514.22	3,179.99	10.515	CC
EXIST HZ AG STATE #4N-31B-L - Wellbore #1 - Wellbor	18,794.16	10,139.59	3,519.66	3,133.26	9.109	ES, SF
EXIST HZ AG STATE #4N-31C-L - Wellbore #1 - Wellbor	18,794.16	10,136.43	3,872.60	3,487.37	10.053	CC, ES, SF
EXIST HZ AG STATE #5C-31-L - Wellbore #1 - Wellbore	18,794.16	10,258.67	2,581.78	2,196.43	6.700	CC, ES, SF
EXIST HZ AG STATE 30C-31-L - Wellbore #1 - Wellbore	18,794.16	10,382.00	4,083.05	3,693.85	10.491	CC, ES, SF
EXIST HZ BEEBE #10N-29B-L - Wellbore #1 - Wellbore	330.22	337.22	424.88	423.58	326.502	CC, ES
EXIST HZ BEEBE #10N-29B-L - Wellbore #1 - Wellbore	18,794.16	16,564.00	6,102.38	5,529.31	10.649	SF
EXIST HZ BEEBE #10N-29C-L - Wellbore #1 - Wellbore	340.89	347.90	444.02	442.70	334.395	CC
EXIST HZ BEEBE #10N-29C-L - Wellbore #1 - Wellbore	400.00	405.00	444.18	442.60	281.105	ES
EXIST HZ BEEBE #10N-29C-L - Wellbore #1 - Wellbore	18,794.16	16,985.00	6,361.11	5,777.16	10.893	SF
EXIST HZ BEEBE #11C-26-M - Wellbore #1 - Wellbore #	254.98	258.99	582.48	581.52	608.199	CC
EXIST HZ BEEBE #11C-26-M - Wellbore #1 - Wellbore #	300.00	302.30	582.56	581.41	507.548	ES
EXIST HZ BEEBE #11C-26-M - Wellbore #1 - Wellbore #	14,200.00	6,827.00	7,227.59	7,057.99	42.616	SF
EXIST HZ BEEBE #11N-26A-M - Wellbore #1 - Wellbore	300.57	304.58	597.19	596.04	517.555	CC, ES
EXIST HZ BEEBE #11N-26A-M - Wellbore #1 - Wellbore	14,600.00	6,366.26	7,612.08	7,440.32	44.316	SF
EXIST HZ BEEBE #11N-26C-M - Wellbore #1 - Wellbore	304.13	308.14	612.57	611.40	522.671	CC, ES
EXIST HZ BEEBE #11N-26C-M - Wellbore #1 - Wellbore	14,300.00	6,732.00	7,616.94	7,441.83	43.500	SF

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

# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
EXIST HZ BEEBE #14C-26-M - Wellbore #1 - Wellbore #	590.04	594.05	526.20	523.77	217.311	CC
EXIST HZ BEEBE #14C-26-M - Wellbore #1 - Wellbore #	600.00	603.32	526.20	523.74	213.643	ES
EXIST HZ BEEBE #14C-26-M - Wellbore #1 - Wellbore #	13,100.00	6,732.00	5,981.49	5,836.48	41.250	SF
EXIST HZ BEEBE #14N-26B-M - Wellbore #1 - Wellbore	494.52	498.52	541.00	538.99	270.064	CC
EXIST HZ BEEBE #14N-26B-M - Wellbore #1 - Wellbore	500.00	503.75	541.00	538.97	266.955	ES
EXIST HZ BEEBE #14N-26B-M - Wellbore #1 - Wellbore	13,300.00	6,546.00	6,265.19	6,116.28	42.075	SF
EXIST HZ BEEBE #15C-29-L - Wellbore #1 - Wellbore #	523.95	529.97	342.79	340.67	161.654	CC, ES
EXIST HZ BEEBE #15C-29-L - Wellbore #1 - Wellbore #	18,794.16	16,849.00	5,247.54	4,666.19	9.026	SF
EXIST HZ BEEBE #15N-29C-L - Wellbore #1 - Wellbore	416.89	423.89	363.82	362.16	219.501	CC
EXIST HZ BEEBE #15N-29C-L - Wellbore #1 - Wellbore	500.00	505.75	363.87	361.86	180.666	ES
EXIST HZ BEEBE #15N-29C-L - Wellbore #1 - Wellbore	18,794.16	16,103.00	5,435.57	4,866.05	9.544	SF
EXIST HZ BEEBE #23C-26-M - Wellbore #1 - Wellbore #	406.42	410.43	552.64	551.02	341.923	CC
EXIST HZ BEEBE #23C-26-M - Wellbore #1 - Wellbore #	500.00	499.59	552.93	550.92	274.728	ES
EXIST HZ BEEBE #23C-26-M - Wellbore #1 - Wellbore #	13,800.00	6,590.36	6,711.93	6,555.75	42.974	SF
EXIST HZ BEEBE #23C-29-L - Wellbore #1 - Wellbore #	0.00	7.00	405.13			
EXIST HZ BEEBE #23C-29-L - Wellbore #1 - Wellbore #	100.00	105.53	405.28	404.99	1,394.223	ES
EXIST HZ BEEBE #23C-29-L - Wellbore #1 - Wellbore #	18,794.16	16,843.00	5,875.50	5,297.37	10.163	SF
EXIST HZ BEEBE #23N-26C-M - Wellbore #1 - Wellbore	181.52	185.52	569.38	568.73	880.791	CC
EXIST HZ BEEBE #23N-26C-M - Wellbore #1 - Wellbore	400.00	403.11	569.67	568.09	359.549	ES
EXIST HZ BEEBE #23N-26C-M - Wellbore #1 - Wellbore	13,800.00	6,682.70	6,847.45	6,686.39	42.515	SF
EXIST HZ BEEBE #23N-29A-L - Wellbore #1 - Wellbore	252.34	258.34	384.85	383.90	405.878	CC
EXIST HZ BEEBE #23N-29A-L - Wellbore #1 - Wellbore	500.00	503.46	385.43	383.42	191.579	ES
EXIST HZ BEEBE #23N-29A-L - Wellbore #1 - Wellbore	18,794.16	16,002.00	5,761.76	5,192.32	10.118	SF
EXIST HZ BEEBE #25C-26-M - Wellbore #1 - Wellbore #	0.00	4.00	628.27			
EXIST HZ BEEBE #25C-26-M - Wellbore #1 - Wellbore #	200.00	201.58	628.49	627.76	852.834	ES
EXIST HZ BEEBE #25C-26-M - Wellbore #1 - Wellbore #	15,800.00	6,545.00	8,655.87	8,467.45	45.937	SF
EXIST HZ BEEBE #25C-29-L - Wellbore #1 - Wellbore #	0.00	7.00	504.96			
EXIST HZ BEEBE #25C-29-L - Wellbore #1 - Wellbore #	200.00	201.52	505.37	504.65	698.713	ES
EXIST HZ BEEBE #25C-29-L - Wellbore #1 - Wellbore #	18,794.16	17,085.00	6,943.53	6,365.26	12.008	SF
EXIST HZ BEEBE #25N-26B-M - Wellbore #1 - Wellbore	217.13	221.13	643.70	642.90	804.753	CC, ES
EXIST HZ BEEBE #25N-26B-M - Wellbore #1 - Wellbore	14,600.00	6,173.00	8,063.32	7,888.87	46.221	SF
EXIST HZ BEEBE #25N-29A-L - Wellbore #1 - Wellbore	162.69	169.69	465.21	464.64	814.879	CC
EXIST HZ BEEBE #25N-29A-L - Wellbore #1 - Wellbore	300.00	304.58	465.48	464.32	401.151	ES
EXIST HZ BEEBE #25N-29A-L - Wellbore #1 - Wellbore	18,794.16	16,457.00	6,647.98	6,077.51	11.653	SF
EXIST HZ BEEBE #25N-29C-L - Wellbore #1 - Wellbore	0.00	7.00	484.92			
EXIST HZ BEEBE #25N-29C-L - Wellbore #1 - Wellbore	200.00	205.29	485.20	484.48	667.897	ES
EXIST HZ BEEBE #25N-29C-L - Wellbore #1 - Wellbore	18,794.16	16,985.00	6,797.05	6,217.32	11.725	SF
EXIST HZ BEEBE #36C-26-M - Wellbore #1 - Wellbore #	611.05	617.66	499.48	496.96	198.676	CC, ES
EXIST HZ BEEBE #36C-26-M - Wellbore #1 - Wellbore #	12,700.00	6,780.01	5,412.46	5,277.15	39.998	SF
EXIST HZ BEEBE #36C-29-L - Wellbore #1 - Wellbore #	0.00	6.00	284.54			
EXIST HZ BEEBE #36C-29-L - Wellbore #1 - Wellbore #	400.00	405.00	285.38	283.75	175.901	ES
EXIST HZ BEEBE #36C-29-L - Wellbore #1 - Wellbore #	18,794.16	16,735.00	4,589.91	4,011.45	7.935	SF
EXIST HZ BEEBE #36N-26B-M - Wellbore #1 - Wellbore	0.00	4.00	515.46			
EXIST HZ BEEBE #36N-26B-M - Wellbore #1 - Wellbore	606.83	612.57	517.11	514.62	207.585	ES
EXIST HZ BEEBE #36N-26B-M - Wellbore #1 - Wellbore	12,900.00	6,639.00	5,733.21	5,593.17	40.942	SF
EXIST HZ BEEBE #36N-26C-M - ORIGINAL WELLBOR	300.53	304.55	490.56	489.40	419.777	CC, ES
EXIST HZ BEEBE #36N-26C-M - ORIGINAL WELLBOR	12,500.00	7,337.78	5,162.12	5,026.89	38.173	SF
EXIST HZ BEEBE #36N-26C-M - SIDETRACK - SIDETR	300.53	304.55	490.56	489.40	419.777	CC, ES
EXIST HZ BEEBE #36N-26C-M - SIDETRACK - SIDETR	12,600.00	6,827.00	5,239.29	5,105.81	39.253	SF
EXIST HZ BEEBE #36N-29A-L - Wellbore #1 - Wellbore	0.00	7.00	324.98			
EXIST HZ BEEBE #36N-29A-L - Wellbore #1 - Wellbore	100.00	105.94	325.11	324.82	1,115.719	ES
EXIST HZ BEEBE #36N-29A-L - Wellbore #1 - Wellbore	18,794.16	15,917.00	5,019.34	4,454.20	8.882	SF
EXIST HZ BEEBE #36N-29B-L - Wellbore #1 - Wellbore	0.00	6.00	304.94			

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

# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
EXIST HZ BEEBE #36N-29B-L - Wellbore #1 - Wellbore	300.00	304.20	305.84	304.68	265.059	ES
EXIST HZ BEEBE #36N-29B-L - Wellbore #1 - Wellbore	18,794.16	16,335.00	4,816.56	4,244.70	8.423	SF
EXIST HZ BOOMERANG #25N-3A-L - Wellbore #1 - We	18,099.28	8,051.31	1,125.44	810.30	3.571	CC
EXIST HZ BOOMERANG #25N-3A-L - Wellbore #1 - We	18,200.00	7,963.10	1,126.15	809.85	3.560	ES
EXIST HZ BOOMERANG #25N-3A-L - Wellbore #1 - We	18,500.00	7,699.20	1,133.30	813.71	3.546	SF
EXIST HZ BOOMERANG #25N-3B-L - Wellbore #1 - We	14,134.44	12,097.92	988.39	674.31	3.147	CC
EXIST HZ BOOMERANG #25N-3B-L - Wellbore #1 - We	14,200.00	12,049.45	988.96	673.33	3.133	ES
EXIST HZ BOOMERANG #25N-3B-L - Wellbore #1 - We	14,300.00	11,971.62	991.84	674.38	3.124	SF
EXIST HZ BOOMERANG #28C-3-L - Wellbore #1 - Wellb	8,800.00	18,085.00	3,643.23	3,308.99	10.900	SF
EXIST HZ BOOMERANG #28C-3-L - Wellbore #1 - Wellb	18,794.16	7,959.09	3,547.02	3,224.39	10.994	CC, ES
EXIST HZ BOOMERANG #28N-3A-L - Wellbore #1 - We	9,600.00	17,263.00	3,456.46	3,122.47	10.349	SF
EXIST HZ BOOMERANG #28N-3A-L - Wellbore #1 - We	17,693.80	8,915.14	3,418.40	3,095.87	10.599	CC
EXIST HZ BOOMERANG #28N-3A-L - Wellbore #1 - We	17,900.00	8,865.00	3,423.03	3,095.25	10.443	ES
EXIST HZ KELLY FARMS #12-4-3CHZ - Wellbore #1 - W	13,512.92	7,543.91	2,875.90	2,703.82	16.713	CC
EXIST HZ KELLY FARMS #12-4-3CHZ - Wellbore #1 - W	13,600.00	7,501.00	2,876.70	2,702.46	16.510	ES
EXIST HZ KELLY FARMS #12-4-3CHZ - Wellbore #1 - W	15,000.00	6,788.00	3,047.36	2,838.89	14.617	SF
EXIST HZ KELLY FARMS #22-4-3CHZ - Wellbore #1 - W	13,799.64	7,200.41	3,146.14	2,970.54	17.916	CC
EXIST HZ KELLY FARMS #22-4-3CHZ - Wellbore #1 - W	14,100.00	6,924.21	3,148.77	2,965.30	17.162	ES
EXIST HZ KELLY FARMS #22-4-3CHZ - Wellbore #1 - W	15,100.00	6,753.66	3,326.08	3,115.29	15.779	SF
EXIST HZ KELLY FARMS #A-4-3NHZ - Wellbore #1 - W	13,702.61	7,165.89	2,432.63	2,257.72	13.908	CC
EXIST HZ KELLY FARMS #A-4-3NHZ - Wellbore #1 - W	13,800.00	7,150.00	2,434.10	2,255.49	13.628	ES
EXIST HZ KELLY FARMS #A-4-3NHZ - Wellbore #1 - W	14,700.00	6,730.17	2,562.76	2,361.65	12.743	SF
EXIST HZ KELLY FARMS #A-4-CHZ - Wellbore #1 - We	13,538.36	7,476.62	2,667.18	2,495.67	15.551	CC
EXIST HZ KELLY FARMS #A-4-CHZ - Wellbore #1 - We	13,700.00	7,421.00	2,670.17	2,493.70	15.131	ES
EXIST HZ KELLY FARMS #A-4-CHZ - Wellbore #1 - We	14,900.00	6,708.00	2,833.31	2,627.89	13.793	SF
EXIST HZ ORR STATE #11C-32-M - Wellbore #1 - Wellb	18,794.16	15,926.00	1,048.44	516.49	1.971	CC, ES, SF
EXIST HZ ORR STATE #11N-32B-M - Wellbore #1 - Wel	18,794.16	15,648.00	858.39	349.22	1.686	CC, ES, SF
EXIST HZ ORR STATE #11N-32C-M - Wellbore #1 - Wel	18,794.16	15,678.00	1,293.40	751.70	2.388	CC, ES, SF
EXIST HZ ORR STATE #14C-32-M - Wellbore #1 - Wellb	18,794.16	16,048.00	389.60	164.47	1.731	CC, ES, SF
EXIST HZ ORR STATE #14N-32C-M - Wellbore #1 - We	18,794.16	15,883.00	249.66	136.22	2.201	CC, ES, SF
EXIST HZ ORR STATE #23C-32-M - Wellbore #1 - Wellb	18,794.16	15,891.00	659.74	235.21	1.554	CC, ES, SF
EXIST HZ ORR STATE #23N-32A-M - Wellbore #1 - We	18,794.16	15,121.00	311.04	152.41	1.961	CC, ES, SF
EXIST HZ ORR STATE #23N-32B-M - Wellbore #1 - We	18,794.16	15,638.00	464.21	155.48	1.504	CC, ES, SF
EXIST HZ ORR STATE #25C-32-M - Wellbore #1 - Wellb	18,794.16	15,808.00	1,733.69	1,188.78	3.182	CC, ES, SF
EXIST HZ ORR STATE #25N-32B-M - Wellbore #1 - We	18,794.16	15,583.00	1,491.07	947.89	2.745	CC, ES, SF
EXIST HZ ORR STATE #36C-32-M - Wellbore #1 - Wellb	18,794.16	16,175.00	776.31	313.05	1.676	CC, ES, SF
EXIST HZ ORR STATE #36N-32B-M - Wellbore #1 - We	18,794.16	15,894.00	597.37	213.70	1.557	CC, ES, SF
EXIST HZ SRC WIEDEMAN #11-5-3NCHZ - Wellbore #1	9,455.37	16,424.67	1,940.90	1,629.71	6.237	CC, ES
EXIST HZ SRC WIEDEMAN #11-5-3NCHZ - Wellbore #1	18,794.16	7,051.04	1,959.33	1,644.36	6.221	SF
EXIST HZ SRC WIEDEMAN #21-5-3CHZ - Wellbore #1	17,690.68	8,099.40	1,292.77	989.92	4.269	CC
EXIST HZ SRC WIEDEMAN #21-5-3CHZ - Wellbore #1	17,800.00	8,026.00	1,294.60	989.18	4.239	ES
EXIST HZ SRC WIEDEMAN #21-5-3CHZ - Wellbore #1	18,794.16	7,010.19	1,307.02	993.48	4.169	SF
EXIST HZ SRC WIEDEMAN #21-5-3NBHZ - Wellbore #1	9,507.76	16,265.66	1,724.85	1,415.62	5.578	ES
EXIST HZ SRC WIEDEMAN #21-5-3NBHZ - Wellbore #1	15,800.00	9,943.70	1,720.66	1,418.91	5.702	CC
EXIST HZ SRC WIEDEMAN #21-5-3NBHZ - Wellbore #1	18,794.16	7,028.31	1,740.19	1,425.06	5.522	SF
EXIST HZ SRC WIEDEMAN #A-5-3NBHZ - Wellbore #1	15,850.25	9,909.44	2,159.29	1,856.64	7.135	CC
EXIST HZ SRC WIEDEMAN #A-5-3NBHZ - Wellbore #1	16,000.00	9,805.06	2,160.73	1,855.99	7.090	ES
EXIST HZ SRC WIEDEMAN #A-5-3NBHZ - Wellbore #1	18,794.16	6,978.23	2,178.21	1,864.30	6.939	SF
EXIST VERT BAUXMAN #1-33 - Wellbore #1 - Design #1	12,929.81	7,008.90	3,080.09	2,804.64	11.182	CC
EXIST VERT BAUXMAN #1-33 - Wellbore #1 - Design #1	13,000.00	7,007.95	3,080.89	2,804.32	11.140	ES
EXIST VERT BAUXMAN #1-33 - Wellbore #1 - Design #1	13,300.00	7,003.92	3,102.25	2,821.60	11.054	SF
EXIST VERT BAUXMAN #33-6 - Wellbore #1 - Design #1	14,095.68	6,998.23	2,725.45	2,417.97	8.864	CC
EXIST VERT BAUXMAN #33-6 - Wellbore #1 - Design #1	14,100.00	6,998.18	2,725.45	2,417.91	8.862	ES

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



# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
EXIST VERT BAUXMAN #33-6 - Wellbore #1 - Design #1	14,300.00	6,995.49	2,733.09	2,423.06	8.815	SF
EXIST VERT BUNN, M #1-34 - Wellbore #1 - Design #1	5,528.52	4,553.70	1,515.63	1,369.29	10.356	CC
EXIST VERT BUNN, M #1-34 - Wellbore #1 - Design #1	5,600.00	4,609.30	1,516.30	1,367.98	10.223	ES
EXIST VERT BUNN, M #1-34 - Wellbore #1 - Design #1	7,800.00	6,524.40	1,810.85	1,617.53	9.367	SF
EXIST VERT LOWELL-PAUL DAIRY #1-33 - Wellbore #1	396.13	371.18	3,238.88	3,237.78	2,918.512	CC
EXIST VERT LOWELL-PAUL DAIRY #1-33 - Wellbore #1	500.00	465.37	3,239.14	3,237.75	2,322.921	ES
EXIST VERT LOWELL-PAUL DAIRY #1-33 - Wellbore #1	13,100.00	6,968.99	4,235.31	4,112.40	34.458	SF
HARVARD 01N - ORIGINAL WELLBORE - PROPOSAL	8,316.03	11,690.54	50.23	-11.46	0.814	Level 3, CC
HARVARD 01N - ORIGINAL WELLBORE - PROPOSAL	8,350.00	11,690.79	61.30	-37.93	0.618	Level 3, SF
HARVARD 01N - ORIGINAL WELLBORE - PROPOSAL	8,400.00	11,691.17	100.30	-53.31	0.653	Level 3, ES
HARVARD 02N - ORIGINAL WELLBORE - PROPOSAL	316.33	317.33	100.57	99.42	87.622	CC
HARVARD 02N - ORIGINAL WELLBORE - PROPOSAL	400.00	400.00	100.58	99.05	66.069	ES
HARVARD 02N - ORIGINAL WELLBORE - PROPOSAL	8,300.00	11,759.29	268.34	137.59	2.052	SF
HARVARD 03N - ORIGINAL WELLBORE - PROPOSAL	416.33	417.33	87.53	85.93	54.797	CC
HARVARD 03N - ORIGINAL WELLBORE - PROPOSAL	500.00	500.00	87.53	85.56	44.393	ES
HARVARD 03N - ORIGINAL WELLBORE - PROPOSAL	8,150.00	11,707.92	386.23	248.74	2.809	SF
HARVARD 04N - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	75.02	72.59	30.989	CC, ES
HARVARD 04N - ORIGINAL WELLBORE - PROPOSAL	8,150.00	11,799.91	621.54	479.90	4.388	SF
HARVARD 05N - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	63.51	61.09	26.235	CC, ES
HARVARD 05N - ORIGINAL WELLBORE - PROPOSAL	8,050.00	11,779.12	781.94	638.83	5.464	SF
HARVARD 06N - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	53.89	51.46	22.260	CC, ES
HARVARD 06N - ORIGINAL WELLBORE - PROPOSAL	8,050.00	11,896.50	1,017.97	873.88	7.065	SF
HARVARD 07N - ORIGINAL WELLBORE - PROPOSAL	600.00	600.00	47.38	44.96	19.574	CC, ES
HARVARD 07N - ORIGINAL WELLBORE - PROPOSAL	8,000.00	11,906.03	1,205.81	1,059.64	8.249	SF
HARVARD 08N - ORIGINAL WELLBORE - PROPOSAL	706.14	706.04	44.64	41.77	15.566	CC, ES
HARVARD 08N - ORIGINAL WELLBORE - PROPOSAL	8,000.00	12,052.69	1,441.46	1,296.07	9.914	SF
SPUR 01NA - ORIGINAL WELLBORE - PROPOSAL #1	859.89	913.82	435.98	432.08	111.851	CC, ES
SPUR 01NA - ORIGINAL WELLBORE - PROPOSAL #1	16,610.86	14,940.13	4,382.80	3,927.86	9.634	SF
SPUR 02N - ORIGINAL WELLBORE - PROPOSAL #1	957.08	1,023.81	427.74	423.42	98.952	CC, ES
SPUR 02N - ORIGINAL WELLBORE - PROPOSAL #1	16,600.00	15,131.23	4,163.95	3,708.50	9.142	SF
SPUR 03N - ORIGINAL WELLBORE - PROPOSAL #1	1,050.69	1,127.46	423.72	418.93	88.568	CC, ES
SPUR 03N - ORIGINAL WELLBORE - PROPOSAL #1	16,500.00	15,069.98	3,941.36	3,488.00	8.694	SF
SPUR 04N - ORIGINAL WELLBORE - PROPOSAL #1	600.00	604.00	441.54	439.11	181.725	CC, ES
SPUR 04N - ORIGINAL WELLBORE - PROPOSAL #1	16,500.00	15,125.79	3,724.62	3,270.64	8.204	SF
SPUR 05C - ORIGINAL WELLBORE - PROPOSAL #1	600.00	603.00	437.54	435.11	180.244	CC, ES
SPUR 05C - ORIGINAL WELLBORE - PROPOSAL #1	16,400.00	15,250.77	3,480.14	3,027.01	7.680	SF
SPUR 06N - ORIGINAL WELLBORE - PROPOSAL #1	600.00	602.00	434.15	431.72	179.013	CC, ES
SPUR 06N - ORIGINAL WELLBORE - PROPOSAL #1	16,400.00	15,077.05	3,291.49	2,839.74	7.286	SF
SPUR 07N - ORIGINAL WELLBORE - PROPOSAL #1	600.00	602.00	431.94	429.51	178.101	CC, ES
SPUR 07N - ORIGINAL WELLBORE - PROPOSAL #1	16,300.00	15,170.33	3,070.63	2,619.84	6.812	SF
SPUR 08NA - ORIGINAL WELLBORE - PROPOSAL #1	1,278.45	1,341.92	422.93	416.40	64.789	CC
SPUR 08NA - ORIGINAL WELLBORE - PROPOSAL #1	1,300.00	1,365.34	422.98	416.27	62.975	ES
SPUR 08NA - ORIGINAL WELLBORE - PROPOSAL #1	16,300.00	14,993.03	2,889.78	2,440.91	6.438	SF
SPUR 09N - ORIGINAL WELLBORE - PROPOSAL #1	1,386.81	1,448.03	401.43	393.53	50.852	CC
SPUR 09N - ORIGINAL WELLBORE - PROPOSAL #1	1,400.00	1,460.45	401.48	393.45	50.033	ES
SPUR 09N - ORIGINAL WELLBORE - PROPOSAL #1	16,300.00	15,159.14	2,644.37	2,194.94	5.884	SF
SPUR 10N - ORIGINAL WELLBORE - PROPOSAL #1	1,468.97	1,518.75	380.01	370.64	40.582	CC
SPUR 10N - ORIGINAL WELLBORE - PROPOSAL #1	1,500.00	1,547.68	380.30	370.59	39.194	ES
SPUR 10N - ORIGINAL WELLBORE - PROPOSAL #1	16,224.82	15,261.99	2,425.70	1,975.59	5.389	SF
SPUR 11C - ORIGINAL WELLBORE - PROPOSAL #1	1,575.64	1,610.01	362.03	350.42	31.170	CC
SPUR 11C - ORIGINAL WELLBORE - PROPOSAL #1	1,600.00	1,632.60	362.15	350.23	30.388	ES
SPUR 11C - ORIGINAL WELLBORE - PROPOSAL #1	16,300.00	15,431.71	2,192.08	1,742.44	4.875	SF
SPUR 12N - ORIGINAL WELLBORE - PROPOSAL #1	1,764.79	1,777.86	337.15	321.96	22.192	CC

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



# Anticollision Report

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well EVEREST 08N
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB 23ft @ 4718.00usft
<b>Reference Site:</b>	NW NE SEC. 34 T6N R66W 6th P.M.	<b>MD Reference:</b>	KB 23ft @ 4718.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	EVEREST 08N	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	ORIGINAL WELLBORE	<b>Database:</b>	Database 1
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
NW NE SEC. 34 T6N R66W 6th P.M.						
SPUR 12N - ORIGINAL WELLBORE - PROPOSAL #1	1,800.00	1,810.88	337.38	321.80	21.659	ES
SPUR 12N - ORIGINAL WELLBORE - PROPOSAL #1	16,228.50	15,300.25	1,997.31	1,547.84	4.444	SF

Offset Design: NW NE SEC. 34 T6N R66W 6th P.M. - ABDN DD AG #32-31D - Wellbore #1 - Wellbore #1													Offset Site Error:	0.00 usft		
Survey Program:		2-MWD		Reference			Offset		Semi Major Axis		Offset Wellbore Centre		Rule Assigned:		Offset Well Error:	0.00 usft
Measured	Vertical	Measured	Vertical	Reference	Offset	Highside			Distance						Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
0.00	0.00	2.00	2.00	0.00	0.00	-88.93	163.31	-8,749.60	8,751.13							
100.00	100.00	73.46	73.46	0.09	0.08	-88.93	163.45	-8,749.75	8,751.35	8,751.19	0.16	N/A				
200.00	200.00	165.79	165.79	0.31	0.24	-88.93	163.87	-8,750.23	8,751.88	8,751.33	0.55	N/A				
300.00	300.00	294.52	294.51	0.54	0.51	-88.93	163.93	-8,750.70	8,752.25	8,751.21	1.04	8,406.486				
400.00	400.00	435.40	435.40	0.76	0.81	-88.93	163.61	-8,750.56	8,752.12	8,750.56	1.57	5,585.256				
500.00	500.00	547.72	547.71	0.99	1.05	-88.93	163.30	-8,750.20	8,751.80	8,749.77	2.03	4,305.470				
600.00	600.00	697.88	697.87	1.21	1.37	-88.93	163.00	-8,749.17	8,751.13	8,748.55	2.58	3,392.645				
700.00	699.92	802.00	801.98	1.41	1.60	95.68	162.71	-8,748.05	8,750.39	8,747.39	3.00	2,914.960				
719.79	719.65	802.00	801.98	1.45	1.60	95.68	162.71	-8,748.05	8,750.36	8,747.32	3.04	2,877.848				
800.00	799.35	842.96	842.94	1.62	1.68	95.69	162.79	-8,747.74	8,750.70	8,747.42	3.28	2,666.811				
900.00	897.81	902.00	901.98	1.86	1.80	95.70	163.56	-8,747.82	8,752.48	8,748.81	3.66	2,390.449				
1,000.00	994.82	902.00	901.98	2.22	1.80	95.58	163.56	-8,747.82	8,755.57	8,751.55	4.02	2,177.847				
1,100.00	1,089.91	902.00	901.98	2.71	1.80	95.38	163.56	-8,747.82	8,760.48	8,755.98	4.50	1,945.538				
1,200.00	1,182.61	961.21	961.15	3.33	1.92	95.28	165.33	-8,748.75	8,766.42	8,761.18	5.24	1,673.549				
1,300.00	1,272.47	1,002.00	1,001.87	4.08	2.00	95.10	167.29	-8,750.04	8,774.24	8,768.17	6.07	1,445.468				
1,400.00	1,359.05	1,002.00	1,001.87	4.98	2.00	94.74	167.29	-8,750.04	8,783.44	8,776.49	6.95	1,263.815				
1,500.00	1,441.94	1,002.00	1,001.87	5.99	2.00	94.30	167.29	-8,750.04	8,794.34	8,786.39	7.95	1,106.000				
1,573.39	1,500.18	1,002.00	1,001.87	6.81	2.00	93.94	167.29	-8,750.04	8,803.39	8,794.63	8.76	1,005.016				
1,600.00	1,520.88	1,002.00	1,001.87	7.12	2.00	93.94	167.29	-8,750.04	8,806.87	8,797.81	9.06	971.644				
1,700.00	1,598.67	1,053.87	1,053.60	8.30	2.11	94.16	170.10	-8,752.56	8,819.93	8,809.61	10.33	854.132				
1,800.00	1,676.45	1,102.00	1,101.55	9.49	2.21	94.37	172.62	-8,755.91	8,834.59	8,823.01	11.59	762.279				
1,900.00	1,754.24	1,102.00	1,101.55	10.69	2.21	94.37	172.62	-8,755.91	8,849.75	8,837.00	12.75	693.861				
2,000.00	1,832.02	1,102.00	1,101.55	11.89	2.21	94.37	172.62	-8,755.91	8,866.01	8,852.09	13.92	636.944				
2,100.00	1,909.81	1,102.00	1,101.55	13.10	2.21	94.37	172.62	-8,755.91	8,883.37	8,868.28	15.08	588.950				
2,200.00	1,987.59	1,141.66	1,141.02	14.32	2.30	94.54	174.60	-8,759.31	8,901.49	8,885.15	16.33	544.939				
2,300.00	2,065.38	1,161.98	1,161.22	15.53	2.35	94.63	175.56	-8,761.24	8,920.60	8,903.06	17.54	508.616				
2,400.00	2,143.17	1,202.00	1,200.98	16.75	2.44	94.80	177.38	-8,765.40	8,940.71	8,921.92	18.78	475.963				
2,500.00	2,220.95	1,202.00	1,200.98	17.97	2.44	94.80	177.38	-8,765.40	8,961.56	8,941.62	19.93	449.594				
2,600.00	2,298.74	1,202.00	1,200.98	19.19	2.44	94.80	177.38	-8,765.40	8,983.47	8,962.40	21.07	426.275				
2,700.00	2,376.52	1,245.09	1,243.75	20.41	2.54	94.98	178.79	-8,770.47	9,006.08	8,983.77	22.31	403.595				
2,800.00	2,454.31	1,302.00	1,300.13	21.63	2.69	95.22	179.17	-8,778.15	9,029.90	9,006.31	23.58	382.879				
2,900.00	2,532.09	1,302.00	1,300.13	22.85	2.69	95.22	179.17	-8,778.15	9,054.13	9,029.42	24.71	366.455				
3,000.00	2,609.88	1,302.00	1,300.13	24.07	2.69	95.22	179.17	-8,778.15	9,079.39	9,053.57	25.82	351.609				
3,100.00	2,687.66	1,302.00	1,300.13	25.30	2.69	95.22	179.17	-8,778.15	9,105.69	9,078.76	26.93	338.135				
3,200.00	2,765.45	1,356.02	1,353.51	26.52	2.83	95.43	178.29	-8,786.44	9,132.46	9,104.29	28.17	324.181				
3,300.00	2,843.24	1,402.00	1,398.80	27.75	2.96	95.60	176.84	-8,794.22	9,160.33	9,130.95	29.39	311.707				
3,400.00	2,921.02	1,402.00	1,398.80	28.97	2.96	95.60	176.84	-8,794.22	9,188.82	9,158.35	30.47	301.553				
3,500.00	2,998.81	1,402.00	1,398.80	30.20	2.96	95.60	176.84	-8,794.22	9,218.30	9,186.76	31.55	292.215				
3,600.00	3,076.59	1,455.98	1,451.83	31.42	3.12	95.81	174.59	-8,804.07	9,248.33	9,215.55	32.77	282.200				
3,700.00	3,154.38	1,502.00	1,496.92	32.65	3.27	95.97	172.40	-8,812.97	9,279.26	9,245.29	33.97	273.166				
3,800.00	3,232.16	1,502.00	1,496.92	33.87	3.27	95.97	172.40	-8,812.97	9,310.84	9,275.82	35.02	265.877				

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