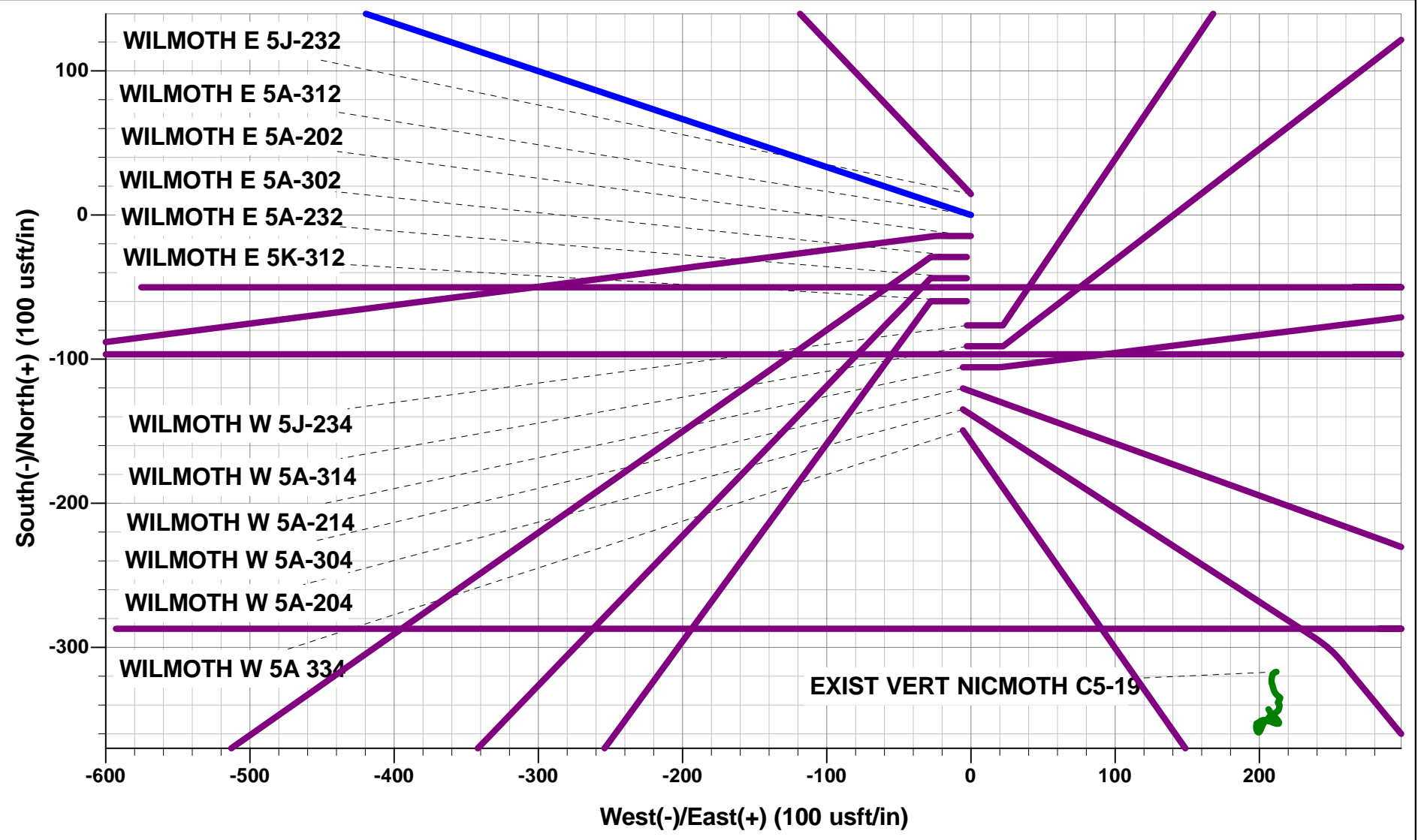




Project: WELD COUNTY, COLORADO
Site: NW NW SEC. 5 T4N R64W 6th P.M.
Well: WILMOTH E 5A-312
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #2

ANNOTATIONS										
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Dep	Annotation		
0.0	0.0	0.00	0.00	0.0	0.0	0.0	0.0	SHL: 1009ft FNL & 1100ft FWL of Sec 5		
400.0	400.0	0.00	0.00	0.0	0.0	0.0	0.0	START NUDGE (2°/100ft BUR)		
995.6	999.9	12.00	288.41	19.8	-59.4	-58.9	62.6	EOB TO 12° INC		
3661.2	3725.2	12.00	288.41	198.7	-596.9	-592.0	629.1	END OF TANGENT		
4256.8	4325.1	0.00	0.00	218.5	-656.3	-650.9	691.7	EOD TO VERTICAL		
6149.8	6218.1	0.00	0.00	218.5	-656.3	-650.9	691.7	KOP (8°/100ft BUR)		
6866.0	7349.2	90.49	90.00	218.5	66.0	71.2	1414.0	HZ LP *NEW*: 790.5ft FNL & 1158ft FWL of Sec 5		
6786.0	16476.5	90.52	90.00	218.5	9192.9	9195.5	10540.9	BHL *NEW*: 814ft FNL & 225ft FEL of Sec 4		

WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - WILMOTH E 5A-312	6149.8	218.5	-656.3	40.346320	-104.581875
HZ LP *NEW* - WILMOTH E 5A-312	6866.0	218.5	66.0	40.346320	-104.579283
BHL *NEW* - WILMOTH E 5A-312	6786.0	218.5	9192.9	40.346315	-104.546540
80° INC - WILMOTH E 5A-312	6855.1	218.5	-64.4	40.346320	-104.579751



PROPOSED LOCAL COORDINATES:

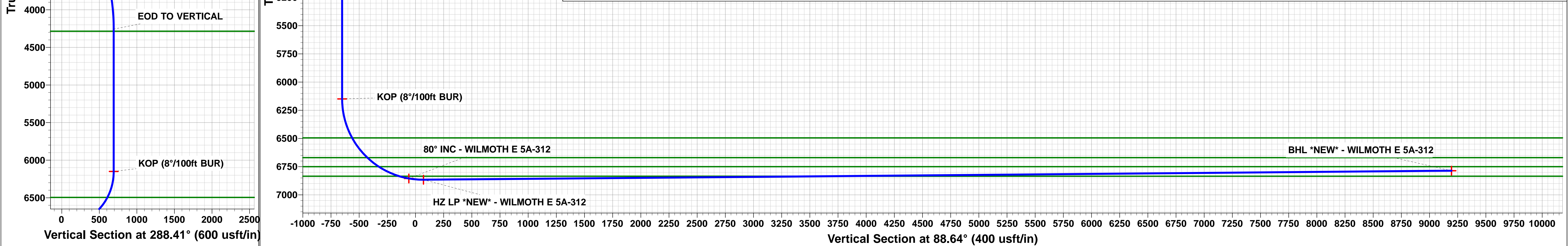
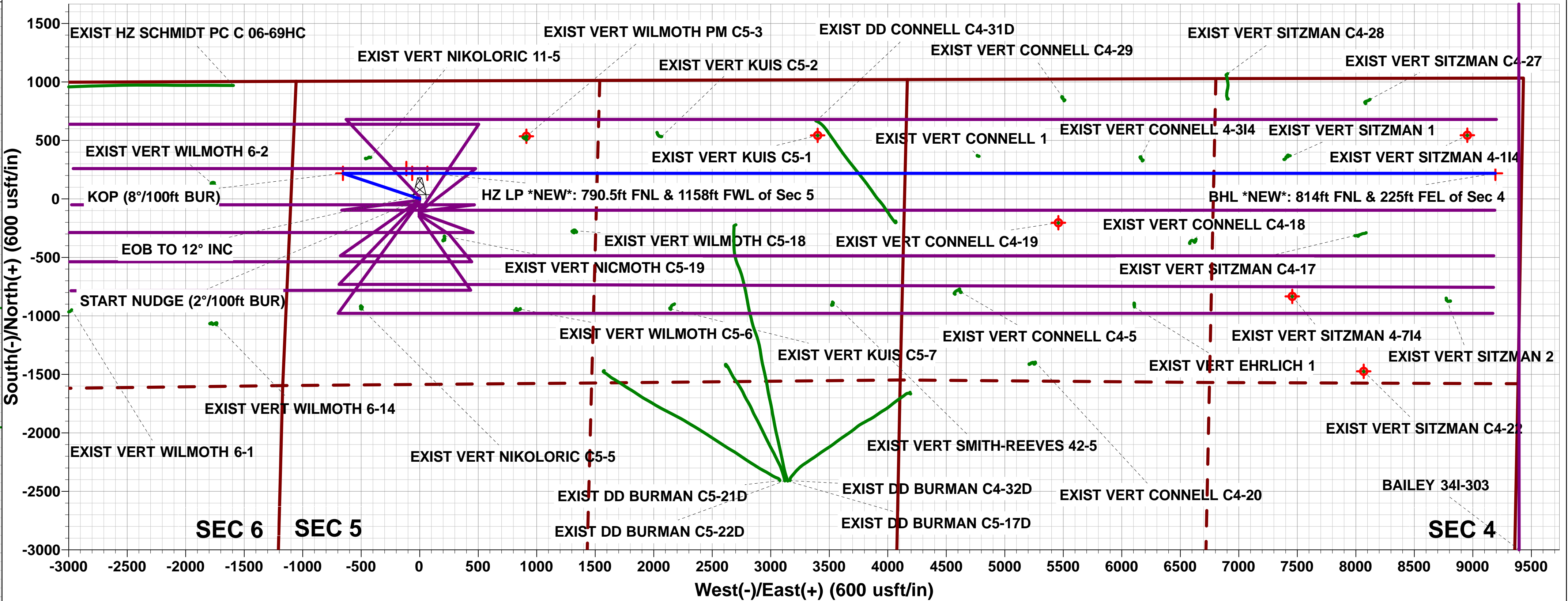
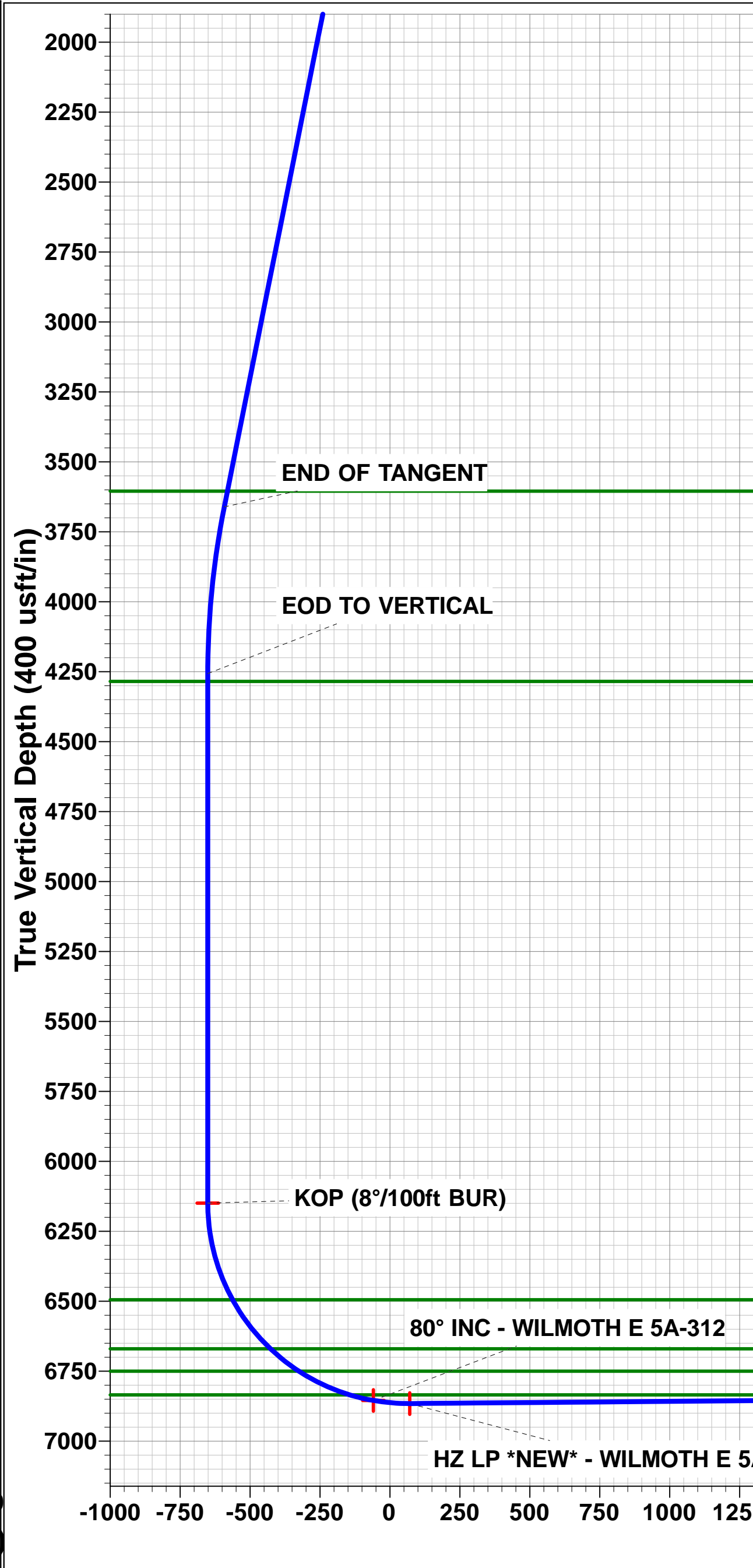
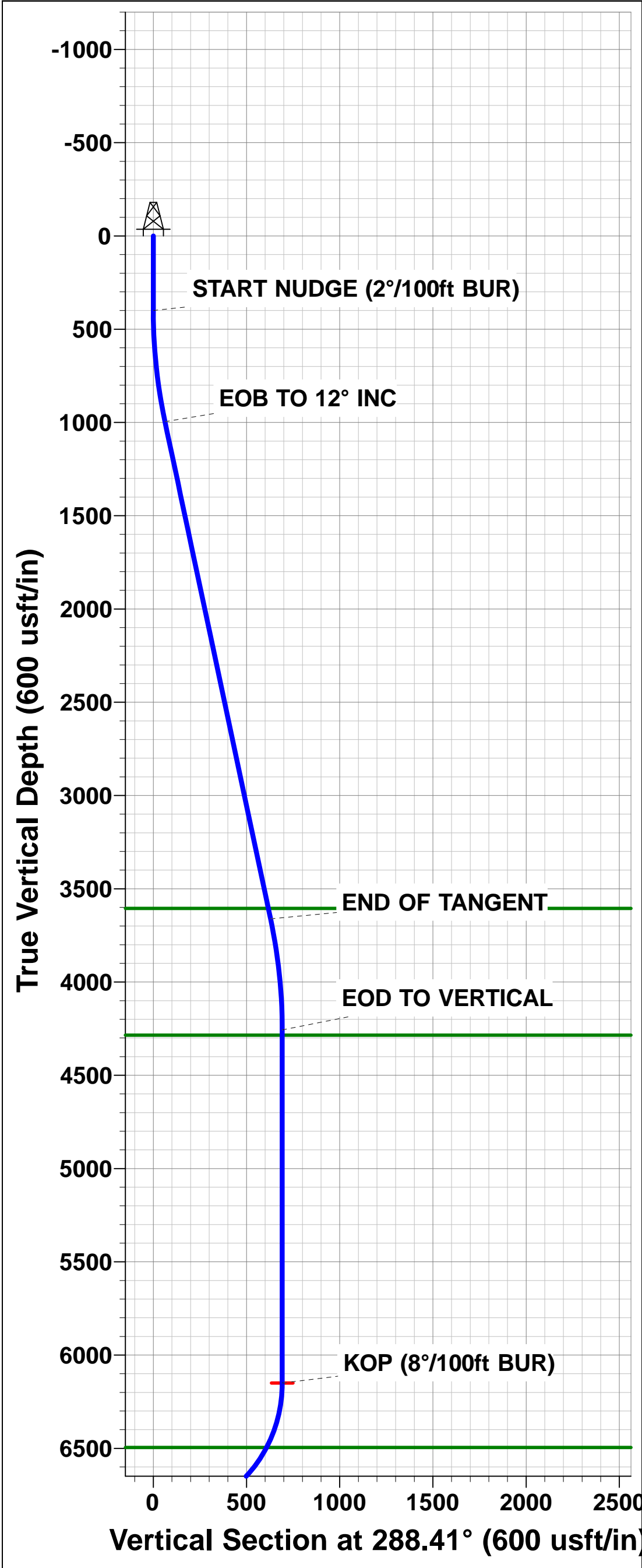
SHL: 1009ft FNL & 1100ft FWL of Sec 5

HZ LP *NEW*: 790.5ft FNL & 1158ft FWL of Sec 5

BHL *NEW*: 814ft FNL & 225ft FEL of Sec 4

Azimuths to True North
Magnetic North: 8.15°

Magnetic Field
Strength: 52429.8snT
Dip Angle: 66.85°
Date: 22/01/2017
Model: IGRF2015



Anticollision Report



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WILMOTH E 5A-312
Project:	WELD COUNTY, COLORADO	TVD Reference:	KB-EST @ 4761.0usft (Original Well Elev)
Reference Site:	NW NW SEC. 5 T4N R64W 6th P.M.	MD Reference:	KB-EST @ 4761.0usft (Original Well Elev)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	WILMOTH E 5A-312	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #2	Offset TVD Reference:	Offset Datum

Reference	PROPOSAL #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.0usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 us	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	14/03/2017		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	16,475.6	PROPOSAL #2 (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
Offet Well - Wellbore - Design						
NW NW SEC. 5 T4N R64W 6th P.M.						
EXIST DD ARD PC C 6-18D - Wellbore #1 - Wellbore #1	5,499.3	5,611.9	3,029.5	2,994.3	85.957	CC
EXIST DD ARD PC C 6-18D - Wellbore #1 - Wellbore #1	5,500.0	5,612.5	3,029.5	2,994.3	85.953	ES
EXIST DD ARD PC C 6-18D - Wellbore #1 - Wellbore #1	13,600.0	7,165.0	9,948.7	9,741.2	47.938	SF
EXIST DD ARD PC C 6-20D - Wellbore #1 - Wellbore #1	2,110.2	1,409.9	4,327.1	4,318.6	507.656	CC, ES
EXIST DD ARD PC C 6-20D - Wellbore #1 - Wellbore #1	12,100.0	7,320.0	9,920.5	9,755.7	60.209	SF
EXIST DD ARD PC C 6-21D - Wellbore #1 - Wellbore #1	5,880.9	5,977.9	3,495.2	3,465.2	116.513	CC
EXIST DD ARD PC C 6-21D - Wellbore #1 - Wellbore #1	6,250.0	6,272.2	3,499.2	3,463.1	97.166	ES
EXIST DD ARD PC C 6-21D - Wellbore #1 - Wellbore #1	13,400.0	7,302.0	9,916.6	9,714.7	49.111	SF
EXIST DD BURMAN C4-32D - Wellbore #1 - Wellbore #1	11,478.0	7,046.1	1,883.4	1,729.1	12.209	CC
EXIST DD BURMAN C4-32D - Wellbore #1 - Wellbore #1	11,500.0	7,045.6	1,883.5	1,728.6	12.162	ES
EXIST DD BURMAN C4-32D - Wellbore #1 - Wellbore #1	12,100.0	7,034.4	1,983.4	1,811.8	11.560	SF
EXIST DD BURMAN C5-17D - Wellbore #1 - Wellbore #1	9,972.8	7,314.4	445.8	335.7	4.049	CC, ES
EXIST DD BURMAN C5-17D - Wellbore #1 - Wellbore #1	10,000.0	7,314.5	446.7	335.8	4.029	SF
EXIST DD BURMAN C5-21D - Wellbore #1 - Wellbore #1	8,854.2	7,202.6	1,689.2	1,598.1	18.534	CC
EXIST DD BURMAN C5-21D - Wellbore #1 - Wellbore #1	8,900.0	7,202.6	1,689.9	1,597.5	18.296	ES
EXIST DD BURMAN C5-21D - Wellbore #1 - Wellbore #1	9,700.0	7,202.5	1,889.1	1,775.1	16.571	SF
EXIST DD BURMAN C5-22D - Wellbore #1 - Wellbore #1	9,913.8	6,984.4	1,654.9	1,550.2	15.807	CC
EXIST DD BURMAN C5-22D - Wellbore #1 - Wellbore #1	10,000.0	6,985.1	1,657.1	1,550.0	15.478	ES
EXIST DD BURMAN C5-22D - Wellbore #1 - Wellbore #1	10,600.0	6,989.3	1,791.5	1,667.9	14.492	SF
EXIST DD CONNELL C4-31D - Wellbore #1 - Wellbore #1	11,352.1	6,924.7	411.9	282.2	3.176	CC, ES
EXIST DD CONNELL C4-31D - Wellbore #1 - Wellbore #1	11,400.0	6,924.1	414.7	283.6	3.165	SF
EXIST HZ SCHMIDT PC C 06-69HC - Wellbore #1 - Wellbore #1	6,218.1	11,454.0	1,410.8	1,278.6	10.672	SF
EXIST HZ SCHMIDT PC C 06-69HC - Wellbore #1 - Wellbore #1	6,520.5	11,454.0	1,327.6	1,236.7	14.595	CC, ES
EXIST HZ SCHMIDT PC CO 6-79HN - Wellbore #1 - Wellbore #1	6,218.1	6,933.0	5,710.0	5,672.2	151.041	ES
EXIST HZ SCHMIDT PC CO 6-79HN - Wellbore #1 - Wellbore #1	6,295.5	6,965.0	5,705.6	5,675.6	190.213	CC
EXIST HZ SCHMIDT PC CO 6-79HN - Wellbore #1 - Wellbore #1	11,000.0	6,965.0	9,953.8	9,817.3	72.899	SF
EXIST VERT ARD 11-6 - Wellbore #1 - Wellbore #1	4,272.5	4,171.2	4,781.7	4,769.7	398.099	CC
EXIST VERT ARD 11-6 - Wellbore #1 - Wellbore #1	6,218.1	6,271.5	4,784.5	4,764.2	236.042	ES
EXIST VERT ARD 11-6 - Wellbore #1 - Wellbore #1	11,800.0	6,900.0	9,948.8	9,811.3	72.350	SF
EXIST VERT ARD 6-314 - Wellbore #1 - Design #1	6,218.1	6,209.8	4,021.4	3,879.4	28.316	CC, ES, SF
EXIST VERT ARD 6-3J1 - Wellbore #1 - Wellbore #1	6,218.1	6,245.5	3,573.3	3,552.9	175.380	ES
EXIST VERT ARD 6-3J1 - Wellbore #1 - Wellbore #1	6,229.3	6,255.6	3,573.2	3,557.0	220.839	CC
EXIST VERT ARD 6-3J1 - Wellbore #1 - Wellbore #1	13,000.0	7,000.0	9,933.5	9,764.3	58.724	SF
EXIST VERT COBB 6-1 - Wellbore #1 - Wellbore #1	6,179.1	6,165.3	3,782.7	3,763.9	200.841	CC
EXIST VERT COBB 6-1 - Wellbore #1 - Wellbore #1	6,218.1	6,200.0	3,782.7	3,763.8	200.104	ES
EXIST VERT COBB 6-1 - Wellbore #1 - Wellbore #1	12,900.0	7,248.3	9,904.9	9,737.0	58.998	SF
EXIST VERT COBB 6-23 - Wellbore #1 - Wellbore #1	6,218.1	6,338.2	5,040.2	5,020.8	259.733	ES

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

Anticollision Report



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WILMOTH E 5A-312
Project:	WELD COUNTY, COLORADO	TVD Reference:	KB-EST @ 4761.0usft (Original Well Elev)
Reference Site:	NW NW SEC. 5 T4N R64W 6th P.M.	MD Reference:	KB-EST @ 4761.0usft (Original Well Elev)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	WILMOTH E 5A-312	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #2	Offset TVD Reference:	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
NW NW SEC. 5 T4N R64W 6th P.M.						
EXIST VERT COBB 6-23 - Wellbore #1 - Wellbore #1	6,233.4	6,349.1	5,040.0	5,023.0	295.369	CC
EXIST VERT COBB 6-23 - Wellbore #1 - Wellbore #1	11,600.0	7,065.0	9,948.4	9,813.3	73.620	SF
EXIST VERT CONNELL 1 - Wellbore #1 - Wellbore #1	12,084.6	2,600.0	4,166.1	4,122.4	95.274	CC
EXIST VERT CONNELL 1 - Wellbore #1 - Wellbore #1	12,100.0	2,600.0	4,166.1	4,122.3	95.031	ES
EXIST VERT CONNELL 1 - Wellbore #1 - Wellbore #1	15,000.0	2,600.0	5,084.6	5,019.6	78.112	SF
EXIST VERT CONNELL 4-314 - Wellbore #1 - Wellbore #	13,446.8	6,747.8	138.2	-48.5	0.740	Level 1, CC, ES, SF
EXIST VERT CONNELL C4-18 - Wellbore #1 - Wellbore	13,865.8	6,745.3	598.7	400.3	3.018	CC, ES
EXIST VERT CONNELL C4-18 - Wellbore #1 - Wellbore	13,900.0	6,745.1	599.7	400.3	3.008	SF
EXIST VERT CONNELL C4-19 - Wellbore #1 - Design #1	12,741.3	6,771.4	421.9	121.1	1.403	Level 3, CC, ES, SF
EXIST VERT CONNELL C4-20 - Wellbore #1 - Wellbore	12,492.5	6,764.2	1,633.2	1,473.0	10.198	CC
EXIST VERT CONNELL C4-20 - Wellbore #1 - Wellbore	12,500.0	6,764.1	1,633.2	1,472.8	10.185	ES
EXIST VERT CONNELL C4-20 - Wellbore #1 - Wellbore	13,000.0	6,758.5	1,710.2	1,535.9	9.811	SF
EXIST VERT CONNELL C4-29 - Wellbore #1 - Wellbore	12,777.6	6,751.0	651.7	483.8	3.881	CC
EXIST VERT CONNELL C4-29 - Wellbore #1 - Wellbore	12,800.0	6,750.6	652.1	483.5	3.869	ES, SF
EXIST VERT CONNELL C4-5 - Wellbore #1 - Wellbore #	11,857.6	6,779.1	1,033.6	891.3	7.264	CC
EXIST VERT CONNELL C4-5 - Wellbore #1 - Wellbore #	11,900.0	6,778.2	1,034.4	891.0	7.210	ES
EXIST VERT CONNELL C4-5 - Wellbore #1 - Wellbore #	12,100.0	6,774.1	1,061.6	912.6	7.123	SF
EXIST VERT EHRlich 1 - Wellbore #1 - Wellbore #1	13,389.4	6,759.7	1,118.2	932.9	6.036	CC
EXIST VERT EHRlich 1 - Wellbore #1 - Wellbore #1	13,400.0	6,759.6	1,118.2	932.7	6.026	ES
EXIST VERT EHRlich 1 - Wellbore #1 - Wellbore #1	13,600.0	6,757.7	1,137.8	946.7	5.953	SF
EXIST VERT KUIS C5-1 - Wellbore #1 - Design #1	10,683.9	6,787.4	324.6	80.4	1.329	Level 3, CC
EXIST VERT KUIS C5-1 - Wellbore #1 - Design #1	10,700.0	6,787.2	324.9	80.4	1.329	Level 3, ES, SF
EXIST VERT KUIS C5-2 - Wellbore #1 - Wellbore #1	9,352.3	6,800.0	315.2	241.8	4.294	CC, ES
EXIST VERT KUIS C5-2 - Wellbore #1 - Wellbore #1	9,400.0	6,800.0	318.8	244.1	4.268	SF
EXIST VERT KUIS C5-7 - Wellbore #1 - Wellbore #1	9,459.2	6,818.5	1,119.1	1,043.0	14.706	CC
EXIST VERT KUIS C5-7 - Wellbore #1 - Wellbore #1	9,500.0	6,818.4	1,119.8	1,042.6	14.504	ES
EXIST VERT KUIS C5-7 - Wellbore #1 - Wellbore #1	9,900.0	6,817.4	1,202.8	1,114.6	13.646	SF
EXIST VERT NICMOTH C5-19 - Wellbore #1 - Wellbore	400.0	376.3	380.9	379.8	338.970	ES
EXIST VERT NICMOTH C5-19 - Wellbore #1 - Wellbore	403.0	379.4	380.9	379.8	339.850	CC
EXIST VERT NICMOTH C5-19 - Wellbore #1 - Wellbore	7,800.0	6,841.7	641.5	608.2	19.268	SF
EXIST VERT NIKOLORIC 11-5 - Wellbore #1 - Wellbore	6,750.0	6,615.2	124.5	104.8	6.325	SF
EXIST VERT NIKOLORIC 11-5 - Wellbore #1 - Wellbore	6,761.6	6,623.6	124.2	104.7	6.341	CC, ES
EXIST VERT NIKOLORIC C5-5 - Wellbore #1 - Wellbore	1,763.8	1,742.8	1,027.4	1,020.9	158.263	CC
EXIST VERT NIKOLORIC C5-5 - Wellbore #1 - Wellbore	1,900.0	1,870.7	1,027.9	1,020.7	143.888	ES
EXIST VERT NIKOLORIC C5-5 - Wellbore #1 - Wellbore	13,200.0	6,744.3	6,525.7	6,346.8	36.480	SF
EXIST VERT SITZMAN 1 - Wellbore #1 - Wellbore #1	14,668.8	6,730.8	119.3	-101.6	0.540	Level 1, CC, ES, SF
EXIST VERT SITZMAN 2 - Wellbore #1 - Wellbore #1	16,059.1	6,711.5	1,084.5	824.6	4.173	CC
EXIST VERT SITZMAN 2 - Wellbore #1 - Wellbore #1	16,100.0	6,711.4	1,085.3	824.3	4.158	ES
EXIST VERT SITZMAN 2 - Wellbore #1 - Wellbore #1	16,200.0	6,711.3	1,093.6	829.8	4.145	SF
EXIST VERT SITZMAN 4-114 - Wellbore #1 - Design #1	16,236.6	6,725.2	325.9	-71.9	0.819	Level 1, CC, ES, SF
EXIST VERT SITZMAN 4-714 - Wellbore #1 - Design #1	14,740.2	6,746.6	1,051.6	695.4	2.952	CC, ES
EXIST VERT SITZMAN 4-714 - Wellbore #1 - Design #1	14,800.0	6,746.1	1,053.3	695.4	2.943	SF
EXIST VERT SITZMAN C4-17 - Wellbore #1 - Wellbore #	15,274.0	6,734.4	533.1	295.2	2.241	CC
EXIST VERT SITZMAN C4-17 - Wellbore #1 - Wellbore #	15,300.0	6,734.1	533.7	295.1	2.237	ES, SF
EXIST VERT SITZMAN C4-22 - Wellbore #1 - Design #1	15,350.9	6,742.1	1,692.6	1,319.3	4.534	CC
EXIST VERT SITZMAN C4-22 - Wellbore #1 - Design #1	15,400.0	6,741.7	1,693.3	1,318.7	4.520	ES
EXIST VERT SITZMAN C4-22 - Wellbore #1 - Design #1	15,600.0	6,739.9	1,710.9	1,330.6	4.500	SF
EXIST VERT SITZMAN C4-27 - Wellbore #1 - Wellbore #	15,365.1	6,718.9	607.3	366.9	2.527	CC, ES
EXIST VERT SITZMAN C4-27 - Wellbore #1 - Wellbore #	15,400.0	6,718.4	608.3	367.0	2.521	SF
EXIST VERT SITZMAN C4-28 - Wellbore #1 - Wellbore #	14,186.7	6,711.8	851.1	643.1	4.092	CC
EXIST VERT SITZMAN C4-28 - Wellbore #1 - Wellbore #	14,200.0	6,712.2	851.2	642.9	4.085	ES
EXIST VERT SITZMAN C4-28 - Wellbore #1 - Wellbore #	14,300.0	6,715.4	858.6	647.4	4.066	SF
EXIST VERT SMITH-REEVES 42-5 - Wellbore #1 - Well	10,812.4	6,550.0	1,125.3	1,014.0	10.115	CC, ES

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

Anticollision Report



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WILMOTH E 5A-312
Project:	WELD COUNTY, COLORADO	TVD Reference:	KB-EST @ 4761.0usft (Original Well Elev)
Reference Site:	NW NW SEC. 5 T4N R64W 6th P.M.	MD Reference:	KB-EST @ 4761.0usft (Original Well Elev)
Site Error:	0.0 usft	North Reference:	True
Reference Well:	WILMOTH E 5A-312	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #2	Offset TVD Reference:	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Separation Factor	Warning
NW NW SEC. 5 T4N R64W 6th P.M.						
EXIST VERT SMITH-REEVES 42-5 - Wellbore #1 - Well	11,100.0	6,550.0	1,161.5	1,042.4	9.756	SF
EXIST VERT STATE SCHMIDT 36-3 - Wellbore #1 - We	6,218.1	6,263.2	6,461.9	6,441.6	318.258	ES
EXIST VERT STATE SCHMIDT 36-3 - Wellbore #1 - We	6,229.8	6,275.4	6,461.8	6,445.9	406.913	CC
EXIST VERT STATE SCHMIDT 36-3 - Wellbore #1 - We	10,200.0	7,000.0	9,967.3	9,871.0	103.515	SF
EXIST VERT WILMOTH 6-1 - Wellbore #1 - Wellbore #1	6,218.1	6,186.6	2,642.1	2,623.8	144.570	ES
EXIST VERT WILMOTH 6-1 - Wellbore #1 - Wellbore #1	6,222.4	6,190.6	2,642.1	2,623.9	145.316	CC
EXIST VERT WILMOTH 6-1 - Wellbore #1 - Wellbore #1	14,200.0	7,200.0	9,973.4	9,770.0	49.023	SF
EXIST VERT WILMOTH 6-14 - Wellbore #1 - Wellbore #	6,238.0	6,218.5	1,672.7	1,653.0	84.864	CC, ES
EXIST VERT WILMOTH 6-14 - Wellbore #1 - Wellbore #	15,400.0	6,665.9	9,934.2	9,696.4	41.774	SF
EXIST VERT WILMOTH 6-2 - Wellbore #1 - Wellbore #1	6,218.1	6,166.4	1,093.2	1,073.3	55.014	ES
EXIST VERT WILMOTH 6-2 - Wellbore #1 - Wellbore #1	6,230.3	6,178.9	1,093.1	1,076.6	66.310	CC
EXIST VERT WILMOTH 6-2 - Wellbore #1 - Wellbore #1	15,500.0	6,950.0	9,943.7	9,721.6	44.787	SF
EXIST VERT WILMOTH 6-3 - Wellbore #1 - Wellbore #1	4,918.1	4,865.9	2,395.3	2,377.3	133.663	CC
EXIST VERT WILMOTH 6-3 - Wellbore #1 - Wellbore #1	5,700.0	5,643.3	2,395.6	2,376.4	124.728	ES
EXIST VERT WILMOTH 6-3 - Wellbore #1 - Wellbore #1	14,200.0	6,901.2	9,966.6	9,759.2	48.057	SF
EXIST VERT WILMOTH C5-18 - Wellbore #1 - Wellbore	8,610.1	6,822.9	490.7	437.4	9.209	CC, ES
EXIST VERT WILMOTH C5-18 - Wellbore #1 - Wellbore	8,700.0	6,823.4	498.9	443.2	8.965	SF
EXIST VERT WILMOTH C5-6 - Wellbore #1 - Wellbore #	8,143.3	6,826.6	1,157.3	1,116.0	27.980	CC
EXIST VERT WILMOTH C5-6 - Wellbore #1 - Wellbore #	8,200.0	6,826.4	1,158.7	1,115.9	27.092	ES
EXIST VERT WILMOTH C5-6 - Wellbore #1 - Wellbore #	9,000.0	6,823.6	1,439.9	1,376.3	22.629	SF
EXIST VERT WILMOTH PM C5-3 - Wellbore #1 - Wellbc	8,197.4	6,700.0	309.3	267.6	7.419	CC
EXIST VERT WILMOTH PM C5-3 - Wellbore #1 - Wellbc	8,200.0	6,700.0	309.3	267.5	7.409	ES
EXIST VERT WILMOTH PM C5-3 - Wellbore #1 - Wellbc	8,300.0	6,700.0	325.8	281.8	7.393	SF
WILMOTH E 5A-202 - ORIGINAL WELLBORE - PROPO	300.0	300.0	14.6	13.5	13.596	CC
WILMOTH E 5A-202 - ORIGINAL WELLBORE - PROPO	16,476.5	16,408.0	320.9	-208.9	0.606	Level 1, ES, SF
WILMOTH E 5A-232 - ORIGINAL WELLBORE - PROPO	300.0	300.0	43.8	42.7	40.862	CC
WILMOTH E 5A-232 - ORIGINAL WELLBORE - PROPO	400.0	399.9	44.0	42.4	29.095	ES
WILMOTH E 5A-232 - ORIGINAL WELLBORE - PROPO	16,476.5	16,467.1	976.0	438.4	1.815	SF
WILMOTH E 5A-302 - ORIGINAL WELLBORE - PROPO	300.0	300.0	29.3	28.2	27.312	CC
WILMOTH E 5A-302 - ORIGINAL WELLBORE - PROPO	400.0	399.9	29.5	28.0	19.526	ES
WILMOTH E 5A-302 - ORIGINAL WELLBORE - PROPO	16,476.5	16,497.2	705.1	166.6	1.309	Level 3, SF
WILMOTH E 5J-232 - ORIGINAL WELLBORE - PROPO	300.0	300.0	14.6	13.5	13.600	CC
WILMOTH E 5J-232 - ORIGINAL WELLBORE - PROPO	16,476.5	16,408.5	464.7	-69.3	0.870	Level 1, ES, SF
WILMOTH E 5K-312 - ORIGINAL WELLBORE - PROPO	300.0	300.0	59.8	58.7	55.787	CC
WILMOTH E 5K-312 - ORIGINAL WELLBORE - PROPO	400.0	399.9	59.9	58.4	39.661	ES
WILMOTH E 5K-312 - ORIGINAL WELLBORE - PROPO	16,476.5	16,588.1	1,197.0	658.6	2.223	SF
WILMOTH W 5A-204 - ORIGINAL WELLBORE - PROPC	366.3	367.3	134.9	133.5	98.293	CC
WILMOTH W 5A-204 - ORIGINAL WELLBORE - PROPC	400.0	400.0	134.9	133.4	88.664	ES
WILMOTH W 5A-204 - ORIGINAL WELLBORE - PROPC	6,700.0	7,509.0	785.8	742.0	17.940	SF
WILMOTH W 5A-214 - ORIGINAL WELLBORE - PROPC	412.4	413.6	105.7	104.1	67.457	CC, ES
WILMOTH W 5A-214 - ORIGINAL WELLBORE - PROPC	7,000.0	7,295.0	271.0	230.4	6.677	SF
WILMOTH W 5A-304 - ORIGINAL WELLBORE - PROPC	400.0	401.0	120.4	118.8	78.977	CC, ES
WILMOTH W 5A-304 - ORIGINAL WELLBORE - PROPC	7,500.0	6,924.4	516.6	475.5	12.560	SF
WILMOTH W 5A-314 - ORIGINAL WELLBORE - PROPC	7,300.4	7,116.0	41.0	1.3	1.032	Level 2, CC, ES, SF
WILMOTH W 5A-334 - ORIGINAL WELLBORE - PROPC	266.3	267.3	149.5	148.6	161.940	CC
WILMOTH W 5A-334 - ORIGINAL WELLBORE - PROPC	300.0	300.0	149.5	148.4	139.421	ES
WILMOTH W 5A-334 - ORIGINAL WELLBORE - PROPC	8,200.0	6,636.1	1,193.0	1,138.0	21.700	SF
WILMOTH W 5J-234 - ORIGINAL WELLBORE - PROPC	404.0	404.1	76.5	75.0	50.070	CC, ES
WILMOTH W 5J-234 - ORIGINAL WELLBORE - PROPC	7,000.0	7,380.4	421.4	380.6	10.312	SF
SW SW SEC. 34 T5N R64W 6th P.M.						
BAILEY 34I-303 - ORIGINAL WELLBORE - PROPOSAL	16,476.5	8,522.3	201.8	112.9	2.270	CC, ES, SF

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