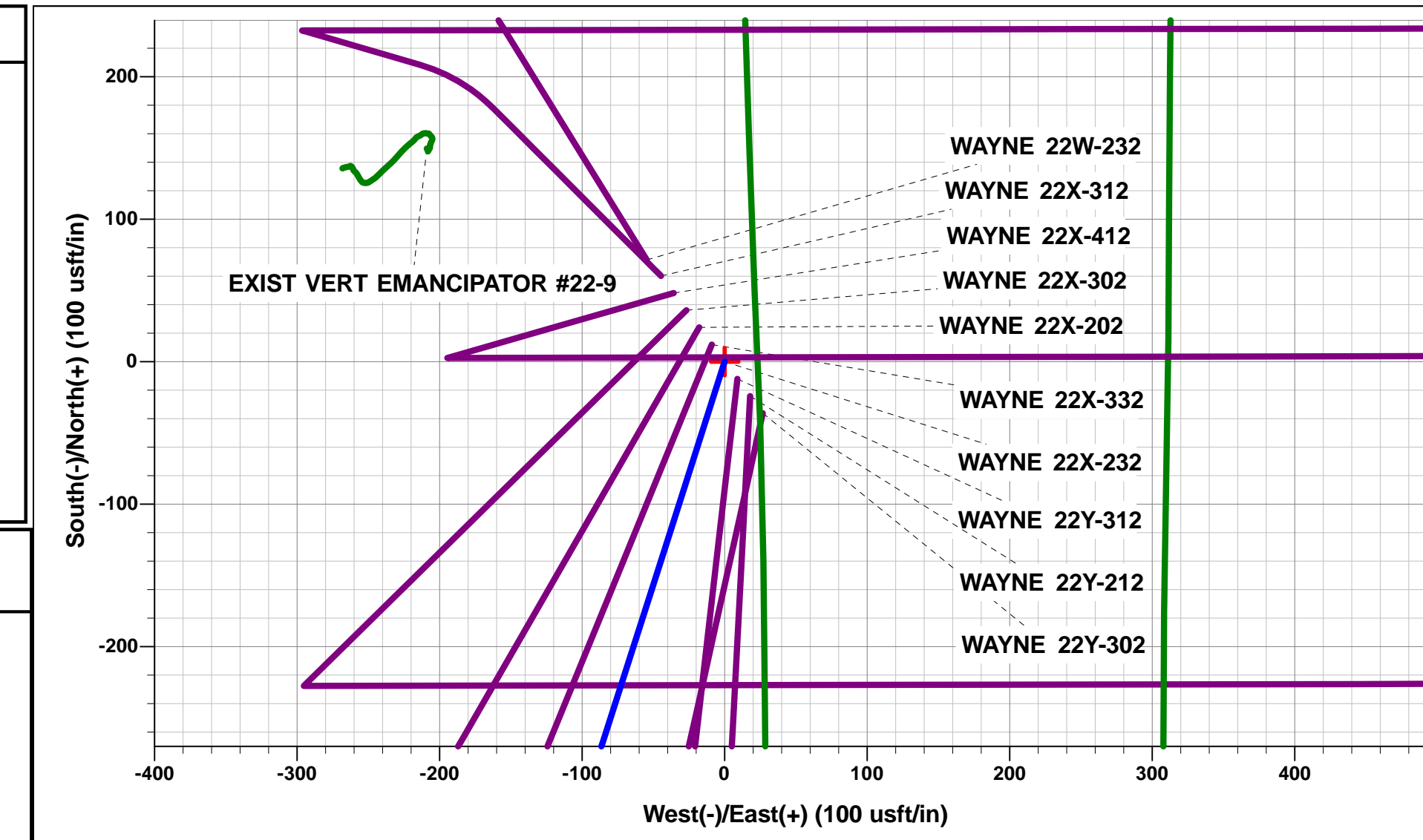




Project: WELD COUNTY, COLORADO (TRUE)
Site: NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)
Well: WAYNE 22X-232
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #1

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Dep	Annotation	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 1717ft FSL & 464ft FEL of Sec 22	
600.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	START NUDGE (2°/100ft BUR)	
1224.25	1229.30	12.59	197.74	-65.57	-20.97	-17.32	68.84	EOB TO 12.59° INC	
4922.56	5018.67	12.59	197.74	-852.03	-272.53	-225.12	894.56	END OF TANGENT	
5546.81	5647.96	0.00	0.00	-917.60	-293.50	-242.44	963.40	EOD TO VERTICAL	
5846.81	5947.96	0.00	0.00	-917.60	-293.50	-242.44	963.40	KOP (8°/100ft BUR)	
6563.00	7076.59	90.29	89.90	-916.34	426.32	476.21	1683.22	EP: 795ft FSL & 40ft FEL of Sec 22	
6483.00	22734.02	90.30	89.90	-888.45	16083.52	16108.04	17340.44	BHL: 795ft FSL & 150ft FEL of Sec 19	

WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - WAYNE 22X-232	5846.81	-917.60	-293.50	40.379820	-104.529104
EP - WAYNE 22X-232	6563.00	-916.34	426.32	40.379824	-104.526520
BHL - WAYNE 22X-232	6483.00	-888.45	16083.52	40.379886	-104.470321
SHL - WAYNE 22X-232	0.00	0.00	0.00	40.382339	-104.528050



PROPOSED LOCAL COORDINATES:

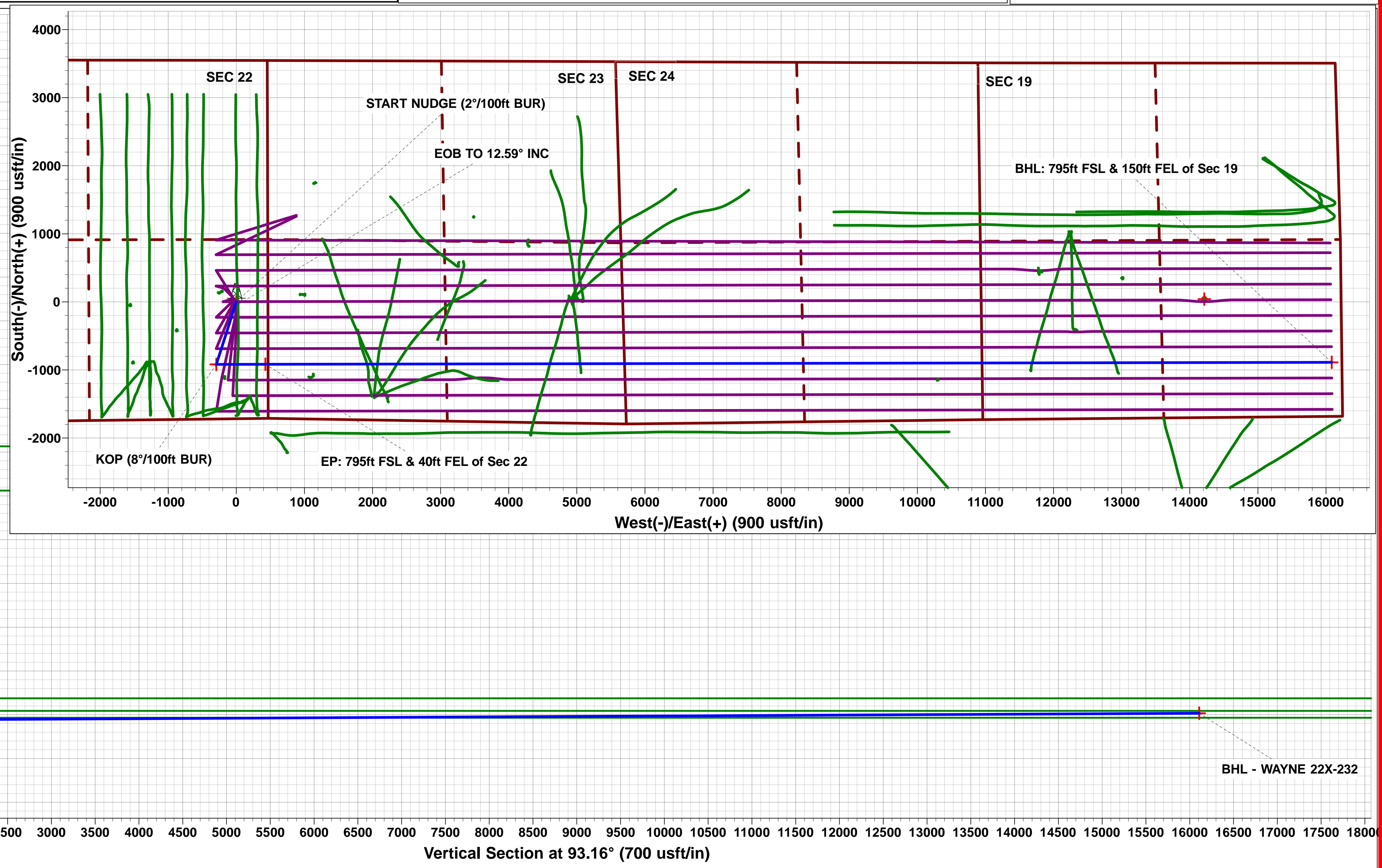
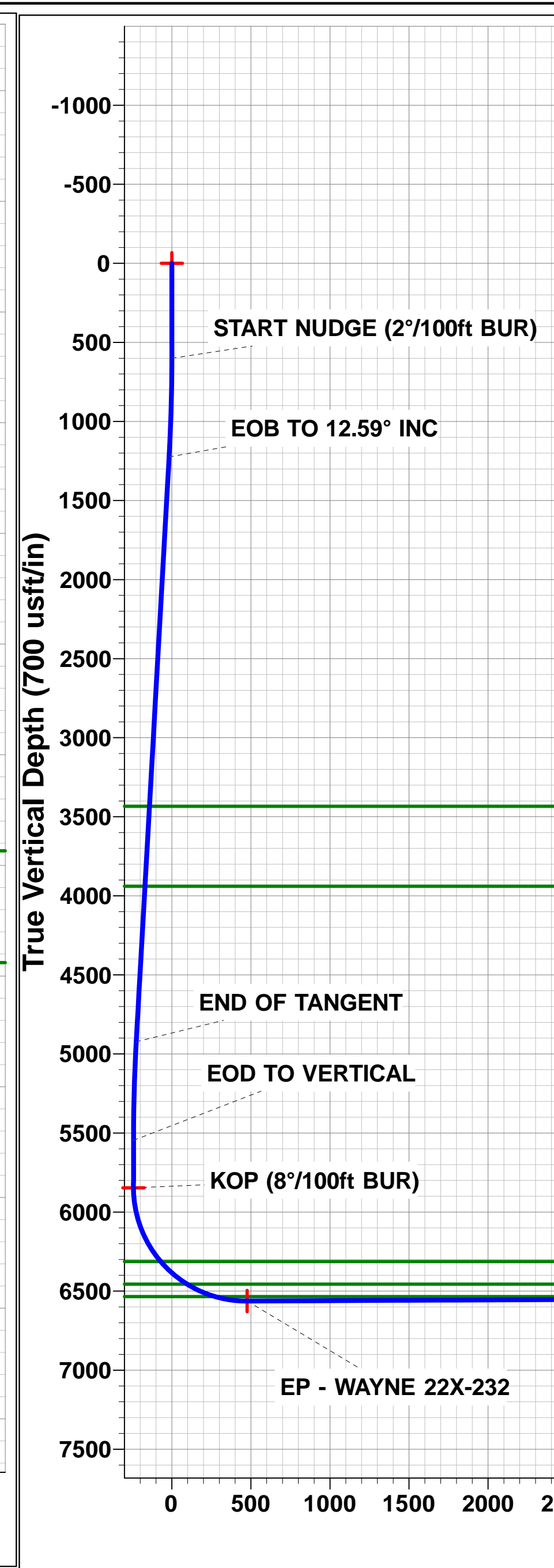
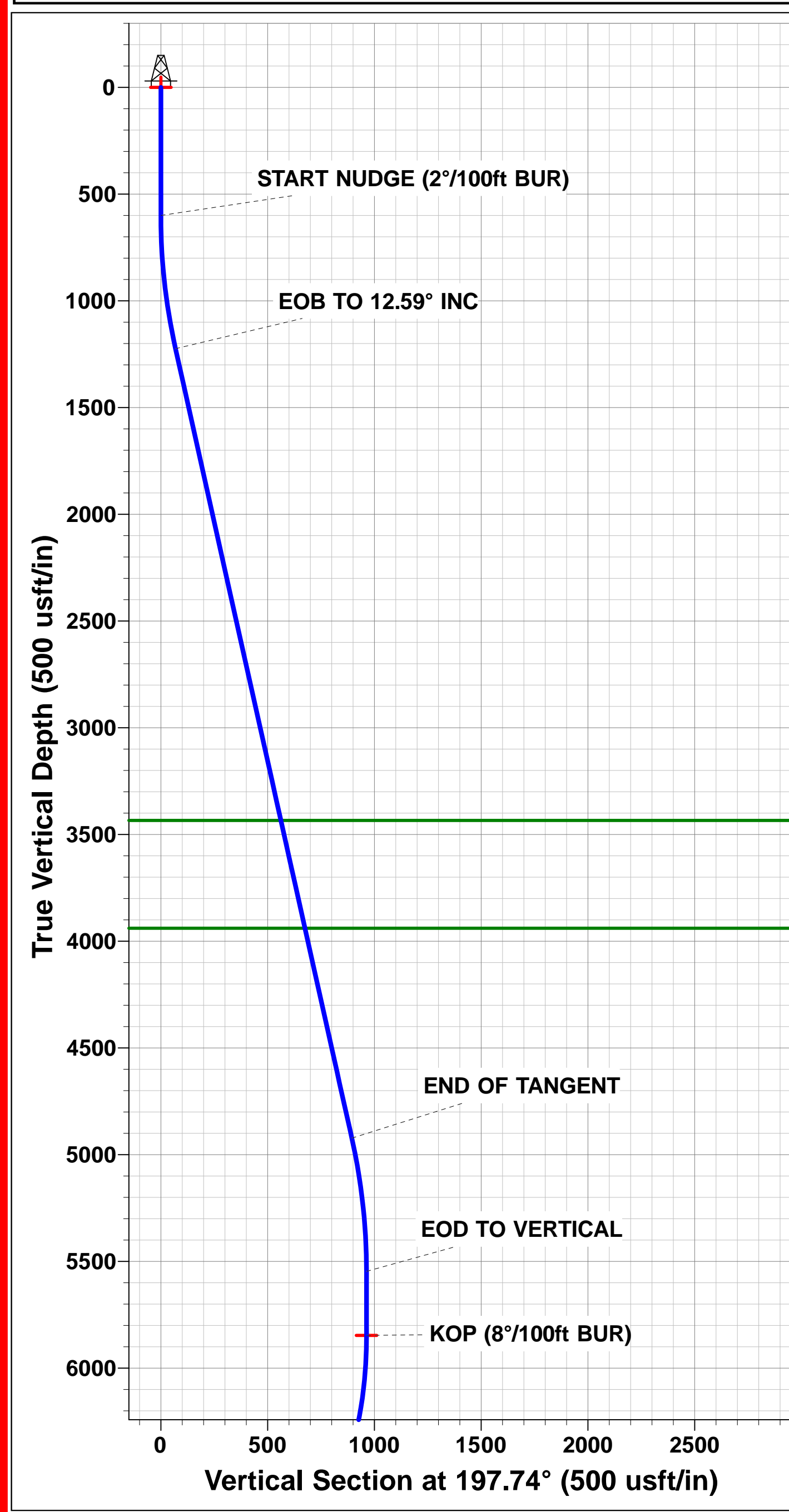
SHL: 1717ft FSL & 464ft FEL of Sec 22

EP: 795ft FSL & 40ft FEL of Sec 22

BHL: 795ft FSL & 150ft FEL of Sec 19

Azimuths to True North
Magnetic North: 7.97°

Magnetic Field
Strength: 52289.8snT
Dip Angle: 66.85°
Date: 05/07/2018
Model: IGRF2015



PDC ENERGY

**WELD COUNTY, COLORADO (TRUE)
NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)
WAYNE 22X-232**

**ORIGINAL WELLBORE
PROPOSAL #1**

Anticollision Report

10 July, 2018



Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WAYNE 22X-232
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB-EST @ 4623.00usft (Original Well Elev)
Reference Site:	NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)	MD Reference:	KB-EST @ 4623.00usft (Original Well Elev)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	WAYNE 22X-232	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #1	Offset TVD Reference:	Offset Datum

Reference	PROPOSAL #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD + Stations Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.00 usft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	10/07/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	22,734.02	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
NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)						
ABDN DD MONFORT #24-6H4 - Wellbore #1 - Wellbore	13,877.04	6,690.00	2,442.13	2,195.43	9.899	CC
ABDN DD MONFORT #24-6H4 - Wellbore #1 - Wellbore	14,000.00	6,729.86	2,445.01	2,193.70	9.729	ES
ABDN DD MONFORT #24-6H4 - Wellbore #1 - Wellbore	14,900.00	7,174.49	2,607.94	2,320.73	9.080	SF
ABDN DD UPRC #23-10H4 - Wellbore #1 - Wellbore #1	10,183.27	6,712.20	1,229.82	1,128.22	12.104	CC
ABDN DD UPRC #23-10H4 - Wellbore #1 - Wellbore #1	10,300.00	6,772.85	1,234.08	1,127.55	11.585	ES
ABDN DD UPRC #23-10H4 - Wellbore #1 - Wellbore #1	10,800.00	6,992.42	1,346.28	1,220.65	10.716	SF
ABDN DD UPRC #23-15H4 - Wellbore #1 - Wellbore #1	10,356.06	7,048.27	243.98	98.42	1.676	CC, ES, SF
ABDN DD UPRC #23-16H4 - Wellbore #1 - Wellbore #1	11,707.15	6,738.96	72.91	-62.47	0.539	Level 1, CC, ES, SF
ABDN DD UPRC #23-6H4 - Wellbore #1 - Wellbore #1	9,379.64	5,635.00	2,159.87	2,076.01	25.755	CC
ABDN DD UPRC #23-6H4 - Wellbore #1 - Wellbore #1	9,400.00	5,635.00	2,159.96	2,075.61	25.607	ES
ABDN DD UPRC #23-6H4 - Wellbore #1 - Wellbore #1	10,000.00	5,449.43	2,236.53	2,143.32	23.995	SF
ABDN VERT EMANCIPATOR #22-16 - Wellbore #1 - We	6,200.00	6,073.33	198.63	179.26	10.252	SF
ABDN VERT EMANCIPATOR #22-16 - Wellbore #1 - We	6,379.54	6,231.59	179.85	163.15	10.766	CC, ES
ABDN VERT FLACK #10-19 - Wellbore #1 - Design #1	20,866.04	6,432.63	932.63	400.97	1.754	CC
ABDN VERT FLACK #10-19 - Wellbore #1 - Design #1	20,900.00	6,432.45	933.25	400.64	1.752	ES, SF
ABDN VERT UPRC #23-13A - Wellbore #1 - Wellbore #1	7,717.13	6,536.73	188.65	150.65	4.965	CC, ES, SF
ABDN VERT UPRC #23-14A - Wellbore #1 - Wellbore #1	8,880.59	6,514.30	557.10	487.95	8.056	CC
ABDN VERT UPRC #23-14A - Wellbore #1 - Wellbore #1	8,900.00	6,514.50	557.44	487.76	7.999	ES
ABDN VERT UPRC #23-14A - Wellbore #1 - Wellbore #1	9,000.00	6,515.55	569.76	497.33	7.867	SF
EXIST DD BIJOU #14-19DU - Wellbore #1 - Wellbore #1	18,312.80	6,896.83	111.20	-240.50	0.316	Level 1, CC, ES, SF
EXIST DD BIJOU #19BDU - Wellbore #1 - Wellbore #1	18,986.52	6,711.72	485.22	119.21	1.326	Level 3, CC
EXIST DD BIJOU #19BDU - Wellbore #1 - Wellbore #1	19,000.00	6,712.17	485.41	119.03	1.325	Level 3, ES, SF
EXIST DD BIJOU #24-19DU - Wellbore #1 - Wellbore #1	19,602.14	6,907.79	151.97	-237.91	0.390	Level 1, CC, ES, SF
EXIST DD CHEWY B #23-23 - Wellbore #1 - Wellbore #1	10,967.27	6,993.02	1,041.27	895.11	7.124	CC
EXIST DD CHEWY B #23-23 - Wellbore #1 - Wellbore #1	11,000.00	6,992.51	1,041.78	894.70	7.083	ES
EXIST DD CHEWY B #23-23 - Wellbore #1 - Wellbore #1	11,200.00	6,989.40	1,066.95	914.26	6.988	SF
EXIST DD CHEWY B #23-24 - Wellbore #1 - Wellbore #1	9,606.61	6,690.83	358.33	267.29	3.936	CC, ES, SF
EXIST DD CHEWY B #23-25 - Wellbore #1 - Wellbore #1	8,432.64	6,658.01	495.22	424.52	7.004	CC, ES
EXIST DD CHEWY B #23-25 - Wellbore #1 - Wellbore #1	8,500.00	6,656.70	499.78	427.26	6.892	SF
EXIST DD FERGUSON #24-5H4 - Wellbore #1 - Wellbor	12,512.39	6,249.02	2,302.10	2,121.40	12.740	CC
EXIST DD FERGUSON #24-5H4 - Wellbore #1 - Wellbor	12,600.00	6,278.92	2,303.45	2,119.50	12.522	ES
EXIST DD FERGUSON #24-5H4 - Wellbore #1 - Wellbor	13,800.00	6,877.03	2,557.30	2,325.91	11.052	SF
EXIST DD KUNER 6-0-25 - Wellbore #1 - Wellbore #1	16,284.74	6,778.88	921.28	622.19	3.080	CC
EXIST DD KUNER 6-0-25 - Wellbore #1 - Wellbore #1	16,300.00	6,777.00	921.40	621.89	3.076	ES
EXIST DD KUNER 6-0-25 - Wellbore #1 - Wellbore #1	16,400.00	6,774.51	928.45	626.13	3.071	SF
EXIST DD PETERSON CX GH #30-26D - Wellbore #1 -	22,734.02	7,070.88	856.12	354.91	1.708	CC, ES, SF

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WAYNE 22X-232
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB-EST @ 4623.00usft (Original Well Elev)
Reference Site:	NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)	MD Reference:	KB-EST @ 4623.00usft (Original Well Elev)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	WAYNE 22X-232	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)						
EXIST DD PETERSON CX GH #30-27D - Wellbore #1 -	21,572.93	6,772.34	821.24	375.16	1.841	CC
EXIST DD PETERSON CX GH #30-27D - Wellbore #1 -	21,600.00	6,772.36	821.68	374.84	1.839	ES, SF
EXIST DD PETERSON CX GH #30-28D - Wellbore #1 -	20,261.79	6,715.83	821.92	418.78	2.039	CC
EXIST DD PETERSON CX GH #30-28D - Wellbore #1 -	20,300.00	6,715.83	822.80	418.59	2.036	ES, SF
EXIST DD UPRC #23-11H4 - Wellbore #1 - Wellbore #1	8,920.36	6,381.04	1,041.12	969.66	14.569	CC, ES
EXIST DD UPRC #23-11H4 - Wellbore #1 - Wellbore #1	9,400.00	6,439.48	1,144.82	1,059.57	13.429	SF
EXIST DD UPRC #23-3H4 - Wellbore #1 - Wellbore #1	8,072.03	6,359.28	1,678.32	1,617.55	27.618	CC
EXIST DD UPRC #23-3H4 - Wellbore #1 - Wellbore #1	8,100.00	6,351.63	1,678.54	1,617.29	27.405	ES
EXIST DD UPRC #23-3H4 - Wellbore #1 - Wellbore #1	8,500.00	6,209.18	1,729.44	1,662.51	25.838	SF
EXIST DD UPV #23-1H4 - Wellbore #1 - Wellbore #1	11,735.43	5,364.00	3,365.38	3,220.96	23.304	CC
EXIST DD UPV #23-1H4 - Wellbore #1 - Wellbore #1	11,800.00	5,350.56	3,365.95	3,220.30	23.110	ES
EXIST DD UPV #23-1H4 - Wellbore #1 - Wellbore #1	13,600.00	5,339.29	3,847.26	3,658.06	20.335	SF
EXIST DD UPV #23-8H4 - Wellbore #1 - Wellbore #1	11,461.89	5,580.97	2,659.72	2,524.30	19.642	CC
EXIST DD UPV #23-8H4 - Wellbore #1 - Wellbore #1	11,500.00	5,575.89	2,659.99	2,523.79	19.530	ES
EXIST DD UPV #23-8H4 - Wellbore #1 - Wellbore #1	12,500.00	5,462.43	2,852.78	2,696.09	18.207	SF
EXIST HZ COCKROFT #19W-214 - Wellbore #1 - Wellb	21,164.53	7,927.09	1,997.73	1,545.56	4.418	CC
EXIST HZ COCKROFT #19W-214 - Wellbore #1 - Wellb	21,400.00	7,716.10	1,998.22	1,544.34	4.402	ES
EXIST HZ COCKROFT #19W-214 - Wellbore #1 - Wellb	22,600.00	6,688.48	2,054.46	1,581.95	4.348	SF
EXIST HZ COCKROFT #19W-314 - ORIGINAL WELLBO	20,763.61	8,363.88	2,212.36	1,761.10	4.903	CC
EXIST HZ COCKROFT #19W-314 - ORIGINAL WELLBO	21,300.00	7,836.20	2,213.04	1,759.57	4.880	ES
EXIST HZ COCKROFT #19W-314 - ORIGINAL WELLBO	22,734.02	6,654.10	2,277.32	1,800.44	4.775	SF
EXIST HZ COCKROFT #19W-314 - SIDETRACK - SIDE	18,996.61	10,005.39	2,175.93	1,734.21	4.926	CC
EXIST HZ COCKROFT #19W-314 - SIDETRACK - SIDE	22,100.00	6,958.00	2,187.26	1,733.21	4.817	ES
EXIST HZ COCKROFT #19W-314 - SIDETRACK - SIDE	22,600.00	6,670.00	2,224.09	1,755.85	4.750	SF
EXIST HZ CONNIE #26E-402 - Wellbore #1 - Wellbore #	12,898.64	12,166.61	1,016.29	684.13	3.060	CC
EXIST HZ CONNIE #26E-402 - Wellbore #1 - Wellbore #	17,113.66	16,383.00	1,020.82	453.78	1.800	ES
EXIST HZ CONNIE #26E-402 - Wellbore #1 - Wellbore #	17,200.00	16,383.00	1,024.47	455.02	1.799	SF
EXIST HZ LEDFORD #22T-221 - Wellbore #1 - Wellbore	6,350.00	7,067.74	477.62	444.37	14.362	SF
EXIST HZ LEDFORD #22T-221 - Wellbore #1 - Wellbore	6,440.62	7,069.48	463.27	432.55	15.078	CC, ES
EXIST HZ LEDFORD #22T-321 - Wellbore #1 - Wellbore	6,250.00	7,116.72	732.78	696.99	20.474	SF
EXIST HZ LEDFORD #22T-321 - Wellbore #1 - Wellbore	6,396.11	7,145.61	703.64	671.48	21.875	CC, ES
EXIST HZ LEDFORD #22Y-341 - Wellbore #1 - Wellbore	6,700.00	7,106.22	219.78	196.53	9.455	SF
EXIST HZ LEDFORD #22Y-341 - Wellbore #1 - Wellbore	6,749.43	7,109.53	212.47	190.68	9.749	CC, ES
EXIST HZ LEDFORD #22Y-401 - Wellbore #1 - Wellbore	6,950.00	7,123.44	189.87	172.54	10.956	SF
EXIST HZ LEDFORD #22Y-401 - Wellbore #1 - Wellbore	6,976.55	7,126.11	187.53	170.53	11.031	CC, ES
EXIST HZ SAPPINGTON #22Q-221 - Wellbore #1 - Well	6,050.00	7,137.27	1,469.36	1,433.42	40.881	SF
EXIST HZ SAPPINGTON #22Q-221 - Wellbore #1 - Well	6,200.00	7,138.10	1,443.58	1,409.33	42.150	ES
EXIST HZ SAPPINGTON #22Q-221 - Wellbore #1 - Well	6,208.35	7,138.15	1,443.51	1,409.39	42.307	CC
EXIST HZ SAPPINGTON #22Q-301 - Wellbore #1 - Well	0.00	0.00	1,583.02			
EXIST HZ SAPPINGTON #22Q-301 - Wellbore #1 - Well	100.00	87.33	1,583.12	1,582.94	9,085.158	ES
EXIST HZ SAPPINGTON #22Q-301 - Wellbore #1 - Well	14,600.00	7,511.00	9,932.19	9,701.50	43.055	SF
EXIST HZ SAPPINGTON #22T-341 - Wellbore #1 - Well	5,947.96	5,903.95	1,223.11	1,187.86	34.695	SF
EXIST HZ SAPPINGTON #22T-341 - Wellbore #1 - Well	6,279.11	7,152.41	1,178.54	1,145.37	35.533	CC, ES
EXIST HZ SAPPINGTON #22T-201 - Wellbore #1 - Wellb	6,200.00	7,096.47	857.27	822.18	24.428	SF
EXIST HZ SAPPINGTON #22T-201 - Wellbore #1 - Wellb	6,300.00	7,098.27	842.27	808.65	25.057	ES
EXIST HZ SAPPINGTON #22T-201 - Wellbore #1 - Wellb	6,308.71	7,098.42	842.17	808.71	25.169	CC
EXIST VERT CPC-FERGUSON #23-1 - Wellbore #1 - W	10,140.79	6,466.06	2,163.87	2,060.28	20.890	CC
EXIST VERT CPC-FERGUSON #23-1 - Wellbore #1 - W	10,200.00	6,465.63	2,164.68	2,059.45	20.571	ES
EXIST VERT CPC-FERGUSON #23-1 - Wellbore #1 - W	11,400.00	6,457.19	2,503.56	2,364.89	18.055	SF
EXIST VERT EMANCIPATOR #22-10 - Wellbore #1 - We	3,184.34	3,102.23	1,457.60	1,444.81	113.955	CC
EXIST VERT EMANCIPATOR #22-10 - Wellbore #1 - We	3,300.00	3,210.83	1,457.99	1,444.63	109.189	ES
EXIST VERT EMANCIPATOR #22-10 - Wellbore #1 - We	15,000.00	6,624.54	9,944.31	9,705.29	41.604	SF

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

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well WAYNE 22X-232
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB-EST @ 4623.00usft (Original Well Elev)
Reference Site:	NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)	MD Reference:	KB-EST @ 4623.00usft (Original Well Elev)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	WAYNE 22X-232	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	EDM 5000.1 Single User Db
Reference Design:	PROPOSAL #1	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
NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)						
EXIST VERT EMANCIPATOR #22-15 - Wellbore #1 - We	5,951.29	5,832.34	1,231.39	1,208.36	53.471	CC, ES
EXIST VERT EMANCIPATOR #22-15 - Wellbore #1 - We	6,000.00	5,883.57	1,233.00	1,209.93	53.466	SF
EXIST VERT EMANCIPATOR #22-9 - Wellbore #1 - Wel	411.91	351.92	255.22	254.13	236.027	CC
EXIST VERT EMANCIPATOR #22-9 - Wellbore #1 - Wel	600.00	539.75	255.35	253.73	157.345	ES
EXIST VERT EMANCIPATOR #22-9 - Wellbore #1 - Wel	16,300.00	6,350.00	9,972.30	9,698.99	36.487	SF
EXIST VERT EMANCIPATOR B #22-23 - Wellbore #1 - W	3,713.71	3,610.68	703.96	688.64	45.965	CC
EXIST VERT EMANCIPATOR B #22-23 - Wellbore #1 - W	3,800.00	3,692.03	704.38	688.63	44.722	ES
EXIST VERT EMANCIPATOR B #22-23 - Wellbore #1 - W	6,000.00	5,881.86	767.99	745.30	33.856	SF
EXIST VERT FERGUSON B #23-22 - Wellbore #1 - Wel	10,948.77	6,480.28	1,723.59	1,597.09	13.626	CC
EXIST VERT FERGUSON B #23-22 - Wellbore #1 - Wel	11,000.00	6,479.12	1,724.35	1,596.43	13.480	ES
EXIST VERT FERGUSON B #23-22 - Wellbore #1 - Wel	11,600.00	6,465.27	1,842.44	1,697.78	12.737	SF
EXIST VERT ODLE #BB19-11 - Wellbore #1 - Wellbore #	19,670.66	6,428.15	1,229.27	858.54	3.316	CC
EXIST VERT ODLE #BB19-11 - Wellbore #1 - Wellbore #	19,700.00	6,428.28	1,229.62	858.07	3.309	ES
EXIST VERT ODLE #BB19-11 - Wellbore #1 - Wellbore #	19,800.00	6,428.69	1,236.06	861.69	3.302	SF
EXIST VERT ODLE #BB19-12 - Wellbore #1 - Wellbore #	18,431.88	6,348.18	1,386.99	1,051.64	4.136	CC
EXIST VERT ODLE #BB19-12 - Wellbore #1 - Wellbore #	18,500.00	6,346.63	1,388.66	1,051.43	4.118	ES
EXIST VERT ODLE #BB19-12 - Wellbore #1 - Wellbore #	18,600.00	6,344.32	1,397.13	1,057.14	4.109	SF
EXIST VERT ROTHE #16-24 - Wellbore #1 - Wellbore #1	16,957.94	5,975.00	528.38	371.38	3.365	CC, ES
EXIST VERT ROTHE #16-24 - Wellbore #1 - Wellbore #1	17,000.00	5,975.00	530.05	372.44	3.363	SF
EXIST VERT UPRC #23-12A - Wellbore #1 - Wellbore #1	647.75	628.35	1,008.01	1,006.21	558.117	CC
EXIST VERT UPRC #23-12A - Wellbore #1 - Wellbore #1	7,600.00	6,535.90	1,029.80	994.71	29.348	ES
EXIST VERT UPRC #23-12A - Wellbore #1 - Wellbore #1	8,400.00	6,539.34	1,309.13	1,253.16	23.392	SF
EXIST VERT UPRC #23-5A - Wellbore #1 - Wellbore #1	502.29	452.30	2,102.43	2,101.11	1,590.663	CC
EXIST VERT UPRC #23-5A - Wellbore #1 - Wellbore #1	600.00	545.42	2,102.53	2,100.96	1,340.787	ES
EXIST VERT UPRC #23-5A - Wellbore #1 - Wellbore #1	13,100.00	13,100.00	5,926.66	5,739.45	31.658	SF
EXIST VERT UPRC #23-9H4 - Wellbore #1 - Wellbore #	11,601.75	6,523.88	854.16	709.59	5.908	CC, ES
EXIST VERT UPRC #23-9H4 - Wellbore #1 - Wellbore #	11,700.00	6,523.69	859.79	712.48	5.836	SF
WAYNE 22W-232 - ORIGINAL WELLBORE - PROPOSA	300.00	300.00	89.96	88.89	83.907	CC, ES
WAYNE 22W-232 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,663.87	1,380.21	469.53	1.516	SF
WAYNE 22X-202 - ORIGINAL WELLBORE - PROPOSA	600.00	600.00	30.01	27.59	12.397	CC
WAYNE 22X-202 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,682.54	460.01	-450.54	0.505	Level 1, ES, SF
WAYNE 22X-302 - ORIGINAL WELLBORE - PROPOSA	600.00	600.00	45.02	42.60	18.599	CC
WAYNE 22X-302 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,731.13	693.59	-212.93	0.765	Level 1, ES, SF
WAYNE 22X-312 - ORIGINAL WELLBORE - PROPOSA	400.00	400.00	75.00	73.48	49.289	CC, ES
WAYNE 22X-312 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,719.77	1,152.19	242.77	1.267	Level 3, SF
WAYNE 22X-332 - ORIGINAL WELLBORE - PROPOSA	600.00	600.00	15.01	12.59	6.202	CC
WAYNE 22X-332 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,786.74	237.70	-645.58	0.269	Level 1, ES, SF
WAYNE 22X-412 - ORIGINAL WELLBORE - PROPOSA	600.00	600.00	60.03	57.61	24.800	CC
WAYNE 22X-412 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,706.56	929.91	29.98	1.033	Level 2, ES, SF
WAYNE 22Y-212 - ORIGINAL WELLBORE - PROPOSA	400.00	400.00	30.01	28.49	19.721	CC
WAYNE 22Y-212 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,587.64	459.98	-445.84	0.508	Level 1, ES, SF
WAYNE 22Y-302 - ORIGINAL WELLBORE - PROPOSA	300.00	300.00	44.98	43.90	41.950	CC
WAYNE 22Y-302 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,987.29	692.58	-214.04	0.764	Level 1, ES, SF
WAYNE 22Y-312 - ORIGINAL WELLBORE - PROPOSA	500.00	500.00	15.00	13.03	7.608	CC
WAYNE 22Y-312 - ORIGINAL WELLBORE - PROPOSA	22,734.02	22,683.08	237.69	-640.68	0.271	Level 1, ES, SF
SW NW SEC. 23 T5N R64W 6th P.M. (FERGUSON)						
FERGUSON 23G-202 - ORIGINAL WELLBORE - PROP	1,198.69	1,494.64	1,492.24	1,485.73	229.182	CC
FERGUSON 23G-202 - ORIGINAL WELLBORE - PROP	22,734.02	22,738.05	1,754.09	848.73	1.937	ES, SF
FERGUSON 23G-332 - ORIGINAL WELLBORE - PROP	1,882.89	2,201.51	1,429.92	1,418.44	124.646	CC
FERGUSON 23G-332 - ORIGINAL WELLBORE - PROP	22,734.02	22,838.16	1,611.19	706.72	1.781	ES, SF

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