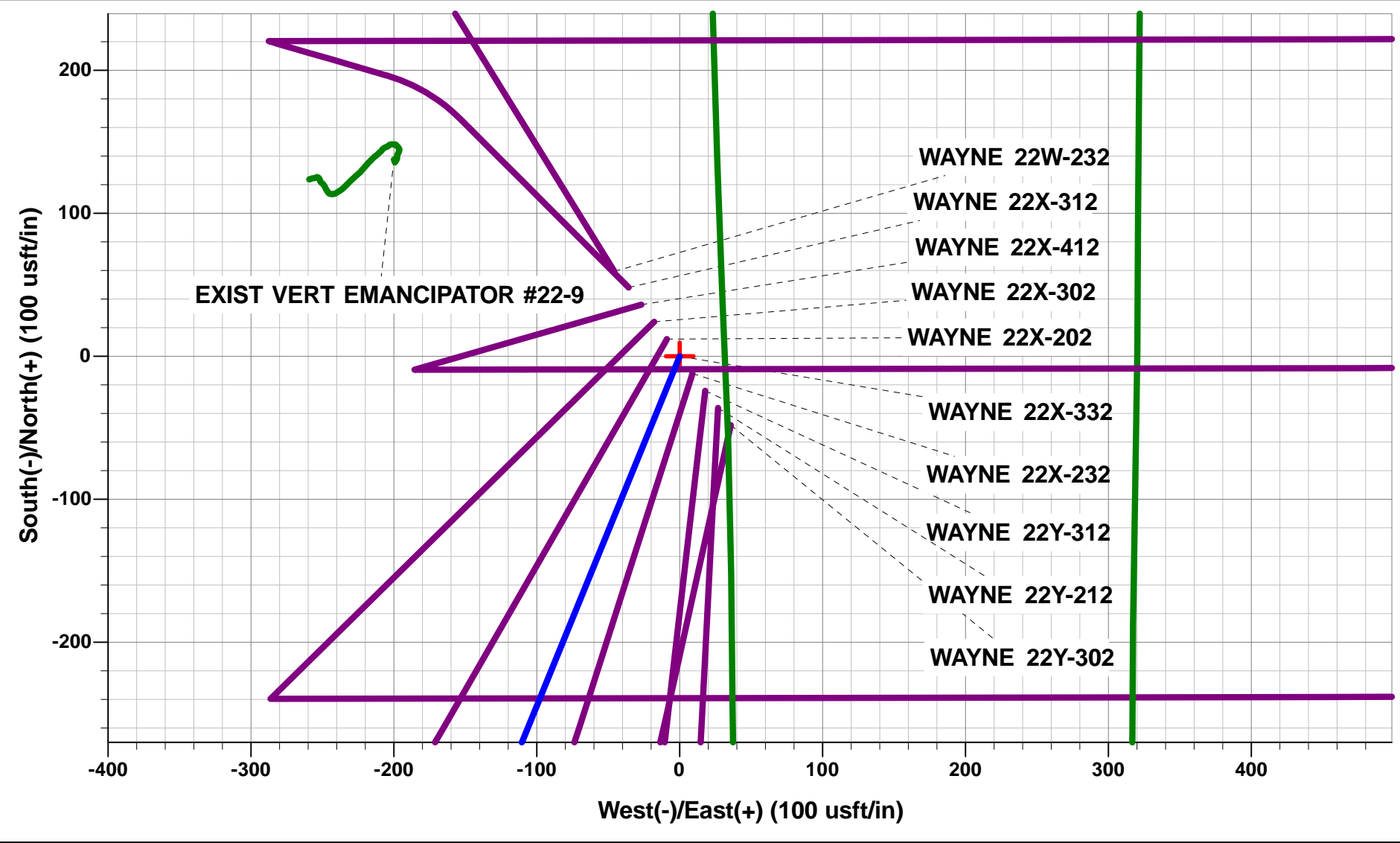




Project: WELD COUNTY, COLORADO (TRUE)  
Site: NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)  
Well: WAYNE 22X-332  
Wellbore: ORIGINAL WELLBORE  
Design: PROPOSAL #1

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Dep	Annotation	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 1729ft FSL & 473ft FEL of Sec 22	
700.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	START NUDDGE (2°/100ft BUR)	
1295.62	1300.00	12.00	202.24	-57.94	-23.70	-21.27	62.60	EOB TO 12° INC	
4262.74	4333.41	12.00	202.24	-641.69	-262.45	-235.51	693.28	END OF TANGENT	
4858.37	4933.41	0.00	0.00	-699.63	-286.15	-256.77	755.89	EOD TO VERTICAL	
5926.82	6001.86	0.00	0.00	-699.63	-286.15	-256.77	755.89	KOP (8°/100ft BUR)	
6643.00	7131.49	90.37	89.90	-698.37	434.67	463.38	1476.71	EP: 1025ft FSL & 40ft FEL of Sec 22	
6543.00	22786.74	90.36	89.90	-670.51	16089.58	16103.55	17131.64	BHL: 1025ft FSL & 150ft FEL of Sec 19	

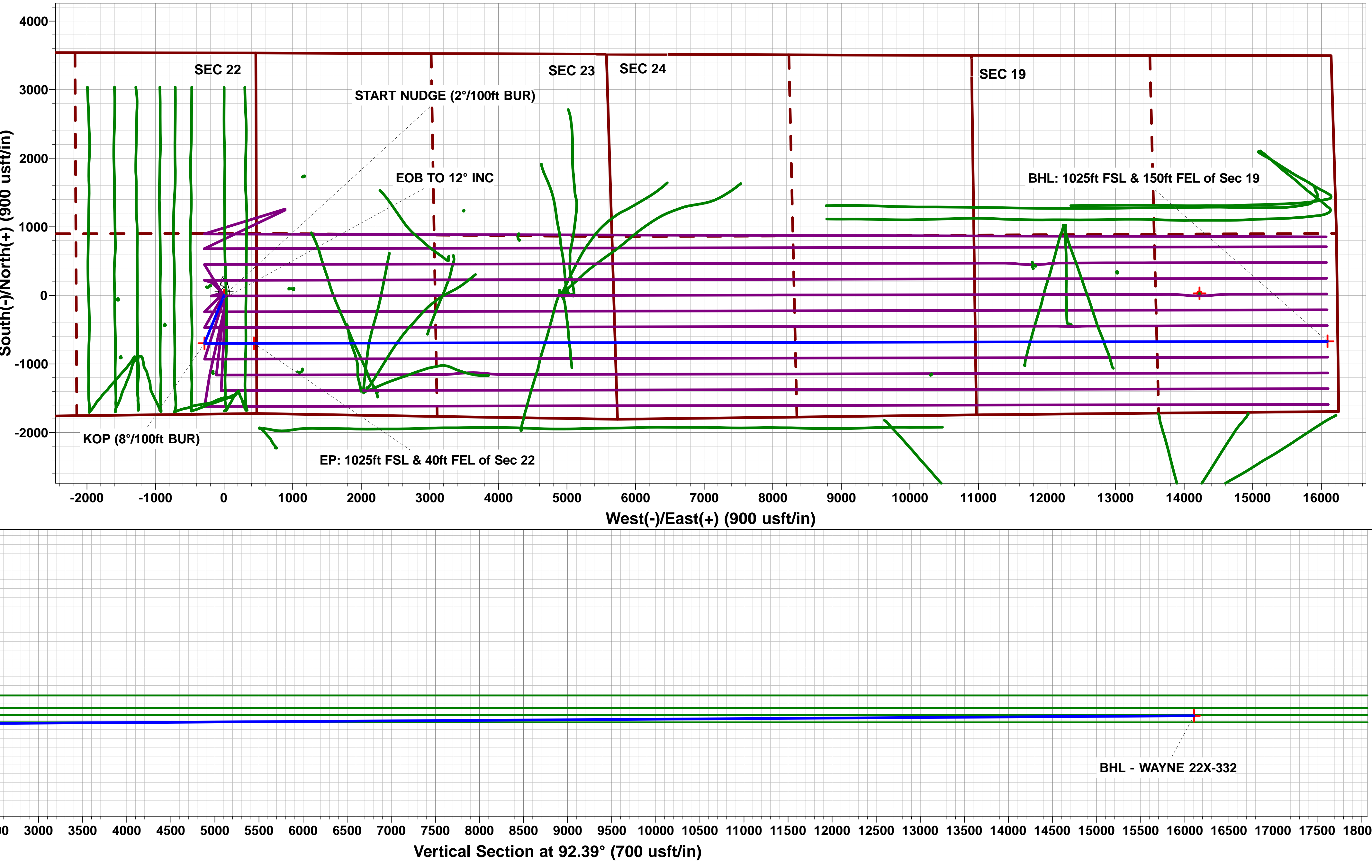
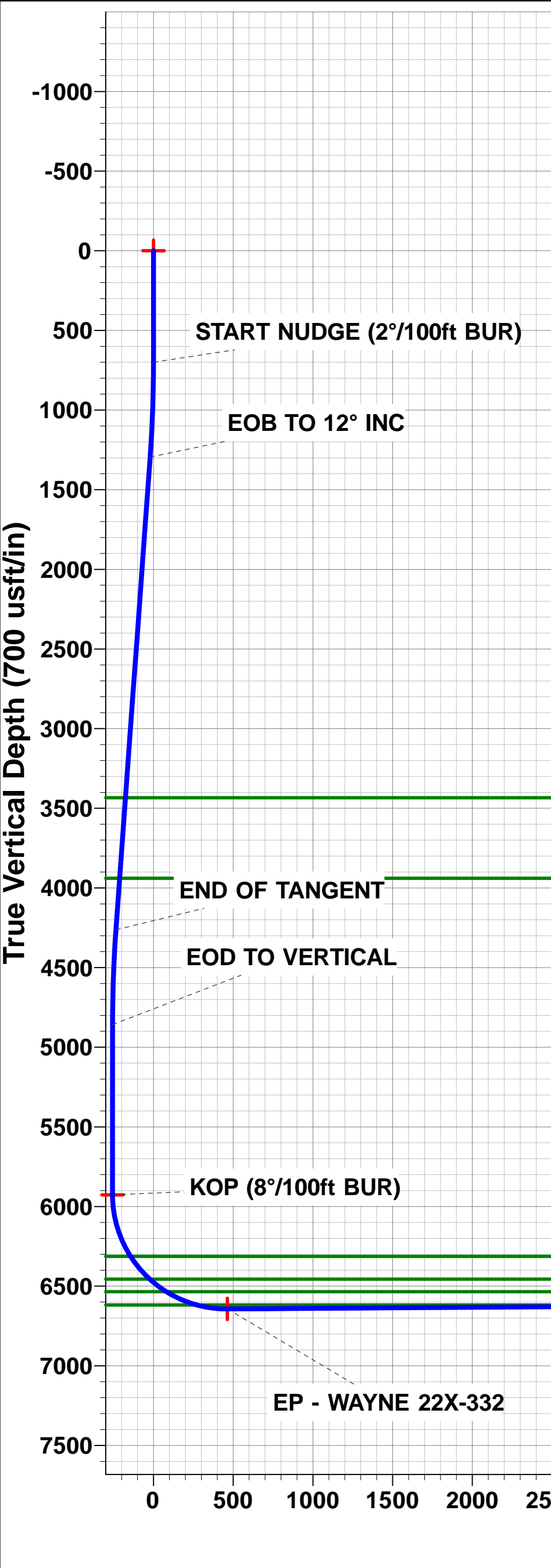
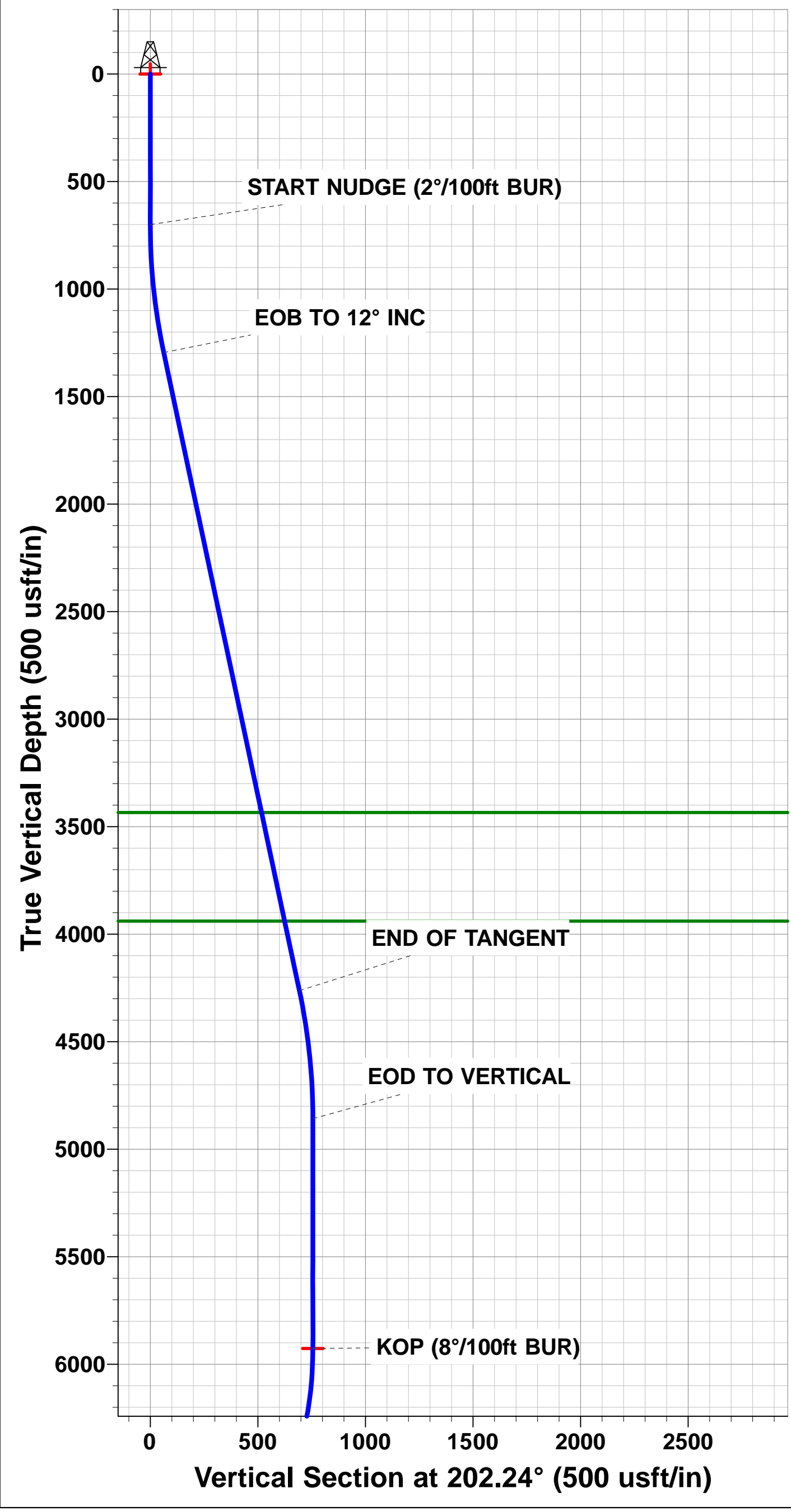
WELLBORE TARGET DETAILS (LAT/LONG)					
Name	TVD	+N/-S	+E/-W	Latitude	Longitude
KOP - WAYNE 22X-332	5926.82	-699.63	-286.15	40.380452	-104.529109
EP - WAYNE 22X-332	6643.00	-698.37	434.67	40.380455	-104.526522
BHL - WAYNE 22X-332	6543.00	-670.51	16089.58	40.380517	-104.470331
SHL - WAYNE 22X-332	0.00	0.00	0.00	40.382372	-104.528082



PROPOSED LOCAL COORDINATES:  
SHL: 1729ft FSL & 473ft FEL of Sec 22  
EP: 1025ft FSL & 40ft FEL of Sec 22  
BHL: 1025ft 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-332**

**ORIGINAL WELLBORE  
PROPOSAL #1**

## **Anticollision Report**

**11 July, 2018**



## Anticollision Report



<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well WAYNE 22X-332
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB-EST @ 4623.00usft (Original Well Elev)
<b>Reference Site:</b>	NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)	<b>MD Reference:</b>	KB-EST @ 4623.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	WAYNE 22X-332	<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>	EDM 5000.1 Single User Db
<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 center-center distance of 10,000.00 usft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	10/07/2018		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	22,786.74	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	14,018.91	6,885.77	2,241.76	1,989.73	8.895	CC
ABDN DD MONFORT #24-6H4 - Wellbore #1 - Wellbore	14,100.00	6,932.74	2,242.89	1,987.08	8.768	ES
ABDN DD MONFORT #24-6H4 - Wellbore #1 - Wellbore	14,800.00	7,262.44	2,350.33	2,067.05	8.297	SF
ABDN DD UPRC #23-10H4 - Wellbore #1 - Wellbore #1	10,325.59	6,906.00	1,048.49	943.59	9.995	CC
ABDN DD UPRC #23-10H4 - Wellbore #1 - Wellbore #1	10,400.00	6,938.86	1,050.62	942.58	9.725	ES
ABDN DD UPRC #23-10H4 - Wellbore #1 - Wellbore #1	10,600.00	7,000.00	1,077.44	962.04	9.336	SF
ABDN DD UPRC #23-15H4 - Wellbore #1 - Wellbore #1	10,450.57	7,131.41	477.28	329.82	3.237	CC, ES
ABDN DD UPRC #23-15H4 - Wellbore #1 - Wellbore #1	10,500.00	7,155.09	479.30	330.26	3.216	SF
ABDN DD UPRC #23-16H4 - Wellbore #1 - Wellbore #1	11,760.37	6,700.07	311.49	176.81	2.313	CC, ES
ABDN DD UPRC #23-16H4 - Wellbore #1 - Wellbore #1	11,800.00	6,703.03	313.99	177.78	2.305	SF
ABDN DD UPRC #23-6H4 - Wellbore #1 - Wellbore #1	9,396.33	5,726.00	2,005.60	1,924.13	24.618	CC
ABDN DD UPRC #23-6H4 - Wellbore #1 - Wellbore #1	9,400.00	5,726.00	2,005.60	1,924.04	24.592	ES
ABDN DD UPRC #23-6H4 - Wellbore #1 - Wellbore #1	9,900.00	5,629.13	2,062.30	1,972.20	22.889	SF
ABDN VERT EMANCIPATOR #22-16 - Wellbore #1 - We	6,001.86	5,908.52	433.15	414.68	23.456	SF
ABDN VERT EMANCIPATOR #22-16 - Wellbore #1 - We	6,440.16	6,318.88	408.89	392.69	25.241	CC, ES
ABDN VERT FLACK #10-19 - Wellbore #1 - Design #1	20,921.21	6,494.79	702.64	169.74	1.319	Level 3, CC, ES, SF
ABDN VERT UPRC #23-13A - Wellbore #1 - Wellbore #1	7,769.40	6,617.38	417.58	379.73	11.032	CC, ES
ABDN VERT UPRC #23-13A - Wellbore #1 - Wellbore #1	7,900.00	6,611.87	437.49	396.28	10.615	SF
ABDN VERT UPRC #23-14A - Wellbore #1 - Wellbore #1	8,936.86	6,590.49	788.35	719.20	11.401	CC, ES
ABDN VERT UPRC #23-14A - Wellbore #1 - Wellbore #1	9,200.00	6,592.81	831.10	754.74	10.884	SF
EXIST DD BIJOU #14-19DU - Wellbore #1 - Wellbore #1	18,366.75	6,966.91	338.87	-13.11	0.963	Level 1, CC, ES, SF
EXIST DD BIJOU #19BDU - Wellbore #1 - Wellbore #1	19,043.78	6,770.04	253.58	-112.57	0.693	Level 1, CC, ES, SF
EXIST DD BIJOU #24-19DU - Wellbore #1 - Wellbore #1	19,658.33	6,967.76	382.96	-7.02	0.982	Level 1, CC, ES, SF
EXIST DD CHEWY B #23-23 - Wellbore #1 - Wellbore #1	11,021.53	7,065.76	1,269.64	1,123.37	8.680	CC, ES
EXIST DD CHEWY B #23-23 - Wellbore #1 - Wellbore #1	11,300.00	7,061.29	1,299.81	1,145.74	8.436	SF
EXIST DD CHEWY B #23-24 - Wellbore #1 - Wellbore #1	9,661.01	6,768.13	128.51	37.54	1.413	Level 3, CC, ES, SF
EXIST DD CHEWY B #23-25 - Wellbore #1 - Wellbore #1	8,486.71	6,728.68	264.85	194.10	3.744	CC
EXIST DD CHEWY B #23-25 - Wellbore #1 - Wellbore #1	8,500.00	6,728.42	265.18	194.07	3.729	ES, SF
EXIST DD FERGUSON #24-5H4 - Wellbore #1 - Wellbor	12,620.36	6,345.35	2,112.22	1,930.85	11.646	CC
EXIST DD FERGUSON #24-5H4 - Wellbore #1 - Wellbor	12,800.00	6,441.90	2,117.93	1,928.56	11.184	ES
EXIST DD FERGUSON #24-5H4 - Wellbore #1 - Wellbor	13,700.00	6,924.89	2,296.59	2,069.73	10.123	SF
EXIST DD KUNER 6-0-25 - Wellbore #1 - Wellbore #1	16,337.99	6,845.79	1,150.77	851.64	3.847	CC
EXIST DD KUNER 6-0-25 - Wellbore #1 - Wellbore #1	16,400.00	6,843.93	1,152.44	851.57	3.830	ES
EXIST DD KUNER 6-0-25 - Wellbore #1 - Wellbore #1	16,500.00	6,840.87	1,162.11	858.43	3.827	SF
EXIST DD PETERSON CX GH #30-26D - Wellbore #1 -	22,786.74	7,128.30	1,084.68	583.51	2.164	CC, ES, SF
EXIST DD PETERSON CX GH #30-27D - Wellbore #1 -	21,628.52	6,831.82	1,051.69	605.54	2.357	CC, ES

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



<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well WAYNE 22X-332
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB-EST @ 4623.00usft (Original Well Elev)
<b>Reference Site:</b>	NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)	<b>MD Reference:</b>	KB-EST @ 4623.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	WAYNE 22X-332	<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>	EDM 5000.1 Single User Db
<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
NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)						
EXIST DD PETERSON CX GH #30-27D - Wellbore #1 -	21,700.00	6,831.82	1,054.12	605.95	2.352	SF
EXIST DD PETERSON CX GH #30-28D - Wellbore #1 -	20,317.26	6,777.34	1,052.33	649.10	2.610	CC, ES
EXIST DD PETERSON CX GH #30-28D - Wellbore #1 -	20,400.00	6,777.17	1,055.57	650.02	2.603	SF
EXIST DD UPRC #23-11H4 - Wellbore #1 - Wellbore #1	8,997.66	6,561.00	893.96	821.61	12.356	CC
EXIST DD UPRC #23-11H4 - Wellbore #1 - Wellbore #1	9,000.00	6,561.00	893.97	821.56	12.347	ES
EXIST DD UPRC #23-11H4 - Wellbore #1 - Wellbore #1	9,300.00	6,607.94	942.38	860.69	11.536	SF
EXIST DD UPRC #23-3H4 - Wellbore #1 - Wellbore #1	8,047.68	6,974.81	1,503.73	1,436.93	22.511	CC
EXIST DD UPRC #23-3H4 - Wellbore #1 - Wellbore #1	8,100.00	6,950.43	1,504.60	1,436.74	22.172	ES
EXIST DD UPRC #23-3H4 - Wellbore #1 - Wellbore #1	8,700.00	6,598.58	1,627.91	1,551.39	21.274	SF
EXIST DD UPV #23-1H4 - Wellbore #1 - Wellbore #1	11,792.81	5,657.88	3,204.52	3,056.27	21.616	CC
EXIST DD UPV #23-1H4 - Wellbore #1 - Wellbore #1	11,900.00	5,656.94	3,206.31	3,055.42	21.249	ES
EXIST DD UPV #23-1H4 - Wellbore #1 - Wellbore #1	13,500.00	5,641.79	3,630.88	3,440.63	19.085	SF
EXIST DD UPV #23-8H4 - Wellbore #1 - Wellbore #1	11,493.13	5,782.30	2,497.41	2,360.99	18.307	CC
EXIST DD UPV #23-8H4 - Wellbore #1 - Wellbore #1	11,500.00	5,780.92	2,497.42	2,360.87	18.290	ES
EXIST DD UPV #23-8H4 - Wellbore #1 - Wellbore #1	12,400.00	5,649.03	2,653.47	2,499.55	17.239	SF
EXIST HZ COCKROFT #19W-214 - Wellbore #1 - Wellb	21,400.30	7,746.68	1,768.27	1,315.45	3.905	CC
EXIST HZ COCKROFT #19W-214 - Wellbore #1 - Wellb	21,500.00	7,678.00	1,769.46	1,315.38	3.897	ES
EXIST HZ COCKROFT #19W-214 - Wellbore #1 - Wellb	22,500.00	6,789.88	1,813.67	1,345.51	3.874	SF
EXIST HZ COCKROFT #19W-314 - ORIGINAL WELLBO	20,819.85	8,363.13	1,981.00	1,529.56	4.388	CC
EXIST HZ COCKROFT #19W-314 - ORIGINAL WELLBO	21,400.00	7,812.29	1,981.98	1,527.61	4.362	ES
EXIST HZ COCKROFT #19W-314 - ORIGINAL WELLBO	22,700.00	6,717.00	2,040.37	1,566.24	4.303	SF
EXIST HZ COCKROFT #19W-314 - SIDETRACK - SIDE	19,077.90	9,986.14	1,944.35	1,502.18	4.397	CC
EXIST HZ COCKROFT #19W-314 - SIDETRACK - SIDE	22,200.00	6,918.77	1,955.43	1,499.86	4.292	ES
EXIST HZ COCKROFT #19W-314 - SIDETRACK - SIDE	22,600.00	6,712.67	1,987.58	1,520.93	4.259	SF
EXIST HZ CONNIE #26E-402 - Wellbore #1 - Wellbore #	12,949.10	12,161.67	1,237.27	902.39	3.695	CC
EXIST HZ CONNIE #26E-402 - Wellbore #1 - Wellbore #	17,200.00	16,383.00	1,243.53	671.37	2.173	ES, SF
EXIST HZ LEDFORD #22T-221 - Wellbore #1 - Wellbore	6,400.00	7,303.27	411.27	378.53	12.563	SF
EXIST HZ LEDFORD #22T-221 - Wellbore #1 - Wellbore	6,450.00	7,304.91	404.82	373.38	12.876	ES
EXIST HZ LEDFORD #22T-221 - Wellbore #1 - Wellbore	6,458.69	7,305.21	404.67	373.47	12.968	CC
EXIST HZ LEDFORD #22T-321 - Wellbore #1 - Wellbore	6,300.00	7,398.35	680.01	644.22	18.998	SF
EXIST HZ LEDFORD #22T-321 - Wellbore #1 - Wellbore	6,419.36	7,397.84	659.63	626.76	20.069	CC, ES
EXIST HZ LEDFORD #22Y-341 - Wellbore #1 - Wellbore	6,750.00	7,342.75	135.80	112.15	5.743	SF
EXIST HZ LEDFORD #22Y-341 - Wellbore #1 - Wellbore	6,781.47	7,343.20	131.41	108.65	5.774	CC, ES
EXIST HZ LEDFORD #22Y-401 - Wellbore #1 - Wellbore	7,029.95	7,372.44	112.76	94.77	6.268	CC, ES, SF
EXIST HZ SAPPINGTON #22Q-221 - Wellbore #1 - Well	6,100.00	7,348.29	1,431.86	1,398.45	42.857	SF
EXIST HZ SAPPINGTON #22Q-221 - Wellbore #1 - Well	6,236.57	7,347.72	1,412.43	1,380.34	44.008	CC, ES
EXIST HZ SAPPINGTON #22Q-301 - Wellbore #1 - Well	0.00	0.00	1,582.38			
EXIST HZ SAPPINGTON #22Q-301 - Wellbore #1 - Well	100.00	87.30	1,582.47	1,582.30	9,082.679	ES
EXIST HZ SAPPINGTON #22Q-301 - Wellbore #1 - Well	14,700.00	7,604.00	9,971.03	9,728.37	41.090	SF
EXIST HZ SAPPINGTON #22T-341 - Wellbore #1 - Well	6,200.00	7,380.17	1,156.21	1,123.52	35.362	SF
EXIST HZ SAPPINGTON #22T-341 - Wellbore #1 - Well	6,300.00	7,381.49	1,143.31	1,111.75	36.225	ES
EXIST HZ SAPPINGTON #22T-341 - Wellbore #1 - Well	6,307.24	7,381.59	1,143.25	1,111.79	36.337	CC
EXIST HZ SAPPINGTON #22T-201 - Wellbore #1 - Wellb	6,250.00	7,345.97	810.34	777.03	24.328	SF
EXIST HZ SAPPINGTON #22T-201 - Wellbore #1 - Wellb	6,329.43	7,345.56	802.05	769.69	24.786	CC, ES
EXIST VERT CPC-FERGUSON #23-1 - Wellbore #1 - W	10,195.73	6,529.55	1,934.83	1,831.28	18.685	CC
EXIST VERT CPC-FERGUSON #23-1 - Wellbore #1 - W	10,200.00	6,529.52	1,934.84	1,831.17	18.664	ES
EXIST VERT CPC-FERGUSON #23-1 - Wellbore #1 - W	11,200.00	6,521.39	2,179.92	2,048.40	16.575	SF
EXIST VERT EMANCIPATOR #22-10 - Wellbore #1 - We	3,503.60	3,400.00	1,407.44	1,393.82	103.333	CC, ES
EXIST VERT EMANCIPATOR #22-10 - Wellbore #1 - We	15,100.00	6,650.00	9,971.04	9,730.22	41.404	SF
EXIST VERT EMANCIPATOR #22-15 - Wellbore #1 - We	4,919.98	4,818.30	1,245.66	1,228.13	71.060	CC, ES
EXIST VERT EMANCIPATOR #22-15 - Wellbore #1 - We	15,100.00	6,650.00	9,914.36	9,674.29	41.298	SF
EXIST VERT EMANCIPATOR #22-9 - Wellbore #1 - Wel	417.17	357.18	240.99	239.89	219.752	CC

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

<b>Company:</b>	PDC ENERGY	<b>Local Co-ordinate Reference:</b>	Well WAYNE 22X-332
<b>Project:</b>	WELD COUNTY, COLORADO (TRUE)	<b>TVD Reference:</b>	KB-EST @ 4623.00usft (Original Well Elev)
<b>Reference Site:</b>	NE SE SEC. 22 T5N R64W 6th P.M. (WAYNE)	<b>MD Reference:</b>	KB-EST @ 4623.00usft (Original Well Elev)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	WAYNE 22X-332	<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>	EDM 5000.1 Single User Db
<b>Reference Design:</b>	PROPOSAL #1	<b>Offset TVD Reference:</b>	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 #22-9 - Wellbore #1 - Wel	700.00	639.70	241.20	239.30	126.966	ES
EXIST VERT EMANCIPATOR #22-9 - Wellbore #1 - Wel	16,400.00	6,350.00	9,996.28	9,728.48	37.328	SF
EXIST VERT EMANCIPATOR B #22-23 - Wellbore #1 - W	6,009.39	5,916.01	641.98	621.59	31.480	CC, ES
EXIST VERT EMANCIPATOR B #22-23 - Wellbore #1 - W	6,050.00	5,957.43	643.00	622.55	31.438	SF
EXIST VERT FERGUSON B #23-22 - Wellbore #1 - Wel	11,002.57	6,544.20	1,494.27	1,367.84	11.820	CC, ES
EXIST VERT FERGUSON B #23-22 - Wellbore #1 - Wel	11,500.00	6,532.25	1,574.83	1,434.54	11.226	SF
EXIST VERT ODLE #BB19-11 - Wellbore #1 - Wellbore #	19,726.52	6,493.31	999.19	628.43	2.695	CC, ES
EXIST VERT ODLE #BB19-11 - Wellbore #1 - Wellbore #	19,800.00	6,493.78	1,001.89	629.07	2.687	SF
EXIST VERT ODLE #BB19-12 - Wellbore #1 - Wellbore #	18,485.95	6,421.27	1,162.12	826.89	3.467	CC
EXIST VERT ODLE #BB19-12 - Wellbore #1 - Wellbore #	18,500.00	6,421.02	1,162.20	826.59	3.463	ES
EXIST VERT ODLE #BB19-12 - Wellbore #1 - Wellbore #	18,600.00	6,419.24	1,167.70	829.32	3.451	SF
EXIST VERT ROTHE #16-24 - Wellbore #1 - Wellbore #1	17,014.11	5,975.00	714.27	507.23	3.450	CC, ES
EXIST VERT ROTHE #16-24 - Wellbore #1 - Wellbore #1	17,100.00	5,975.00	719.42	510.73	3.447	SF
EXIST VERT UPRC #23-12A - Wellbore #1 - Wellbore #1	7,647.56	6,615.15	799.78	764.97	22.976	CC, ES
EXIST VERT UPRC #23-12A - Wellbore #1 - Wellbore #1	8,100.00	6,616.82	918.88	872.45	19.789	SF
EXIST VERT UPRC #23-5A - Wellbore #1 - Wellbore #1	502.19	452.19	2,097.42	2,096.09	1,586.527	CC
EXIST VERT UPRC #23-5A - Wellbore #1 - Wellbore #1	600.00	545.42	2,097.52	2,095.95	1,337.221	ES
EXIST VERT UPRC #23-5A - Wellbore #1 - Wellbore #1	12,200.00	6,600.00	4,974.20	4,814.71	31.188	SF
EXIST VERT UPRC #23-9H4 - Wellbore #1 - Wellbore #	11,656.97	6,587.86	623.40	478.83	4.312	CC, ES
EXIST VERT UPRC #23-9H4 - Wellbore #1 - Wellbore #	11,700.00	6,587.57	624.88	479.11	4.287	SF
WAYNE 22W-232 - ORIGINAL WELLBORE - PROPOSA	300.00	300.00	74.95	73.88	69.906	CC, ES
WAYNE 22W-232 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,663.87	1,150.76	240.53	1.264	Level 3, SF
WAYNE 22X-202 - ORIGINAL WELLBORE - PROPOSA	700.00	700.00	15.00	12.13	5.225	CC
WAYNE 22X-202 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,682.54	237.70	-645.22	0.269	Level 1, ES, SF
WAYNE 22X-232 - ORIGINAL WELLBORE - PROPOSA	600.00	600.00	15.01	12.59	6.202	CC
WAYNE 22X-232 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,731.24	237.69	-645.53	0.269	Level 1, ES, SF
WAYNE 22X-302 - ORIGINAL WELLBORE - PROPOSA	700.00	700.00	30.01	27.14	10.455	CC
WAYNE 22X-302 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,731.13	460.16	-450.36	0.505	Level 1, ES, SF
WAYNE 22X-312 - ORIGINAL WELLBORE - PROPOSA	400.00	400.00	59.99	58.47	39.423	CC
WAYNE 22X-312 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,719.77	920.11	9.24	1.010	Level 2, ES, SF
WAYNE 22X-412 - ORIGINAL WELLBORE - PROPOSA	700.00	700.00	45.02	42.15	15.686	CC
WAYNE 22X-412 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,706.56	694.12	-209.69	0.768	Level 1, ES, SF
WAYNE 22Y-212 - ORIGINAL WELLBORE - PROPOSA	400.00	400.00	45.02	43.50	29.587	CC
WAYNE 22Y-212 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,584.87	692.58	-210.13	0.767	Level 1, ES, SF
WAYNE 22Y-302 - ORIGINAL WELLBORE - PROPOSA	300.00	300.00	59.99	58.92	55.953	CC
WAYNE 22Y-302 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,984.44	919.97	10.05	1.011	Level 2, ES, SF
WAYNE 22Y-312 - ORIGINAL WELLBORE - PROPOSA	500.00	500.00	30.01	28.04	15.224	CC
WAYNE 22Y-312 - ORIGINAL WELLBORE - PROPOSA	22,786.74	22,680.26	459.98	-446.11	0.508	Level 1, ES, SF
SW NW SEC. 23 T5N R64W 6th P.M. (FERGUSON)						
FERGUSON 23G-202 - ORIGINAL WELLBORE - PROP	1,291.76	1,586.45	1,466.67	1,459.58	206.951	CC
FERGUSON 23G-202 - ORIGINAL WELLBORE - PROP	22,786.74	22,738.05	1,525.66	621.26	1.687	ES, SF
FERGUSON 23G-332 - ORIGINAL WELLBORE - PROP	22,764.78	22,835.18	1,380.00	475.77	1.526	CC
FERGUSON 23G-332 - ORIGINAL WELLBORE - PROP	22,786.74	22,838.16	1,380.07	475.14	1.525	ES, SF