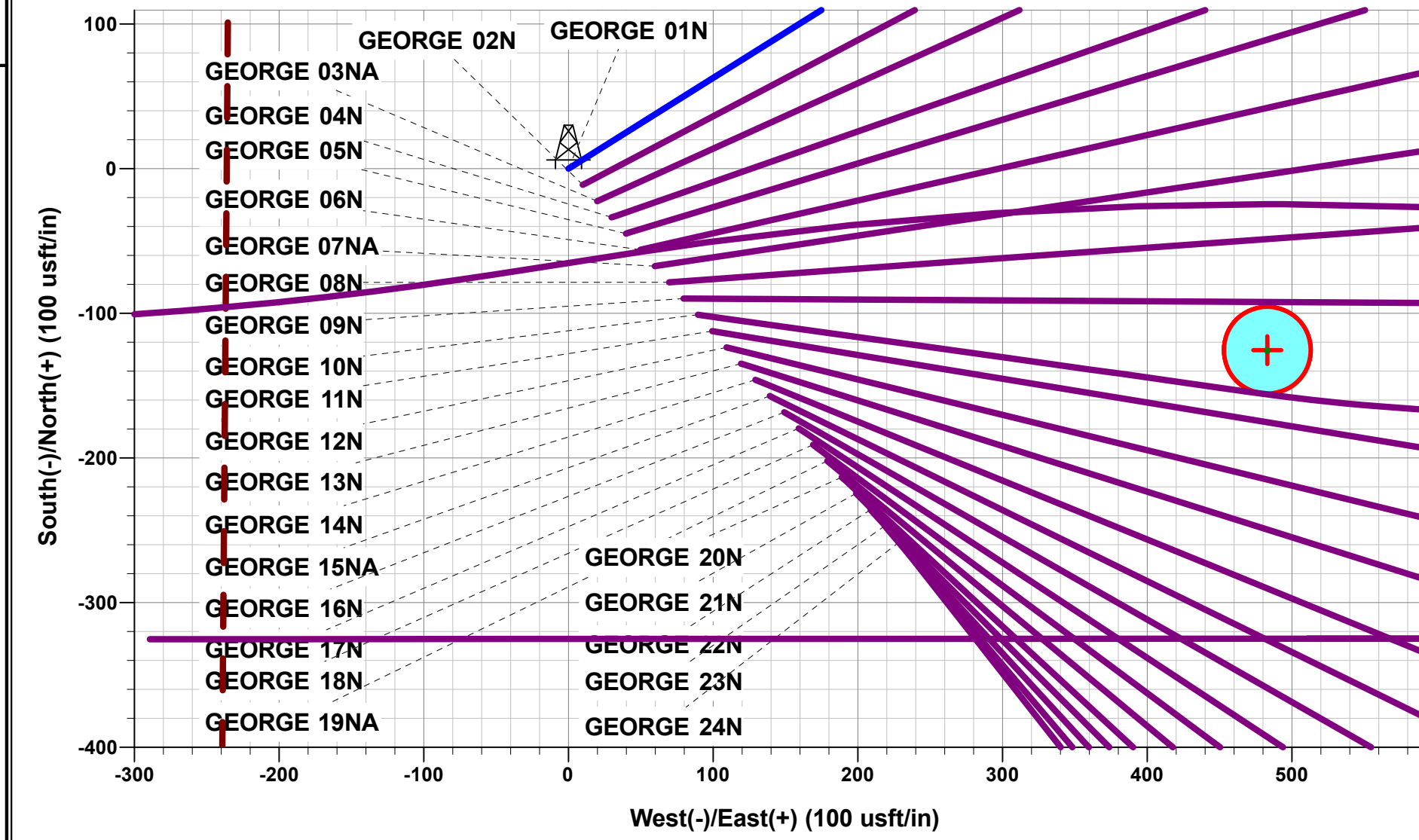




Project: WELD COUNTY, COLORADO (TRUE)
 Site: SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)
 Well: GEORGE 01N
 Wellbore: ORIGINAL WELLBORE
 Design: PROPOSAL #1

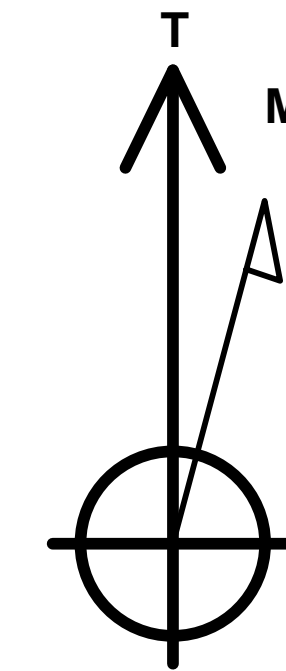
ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Dep	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 1772ft FNL & 2396ft FEL of Sec 21
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	START NUDDGE (3°/100ft BUR)
1496.67	35.90	57.90	1419.89	192.79	307.33	-261.87	362.79	EOB TO 35.9° INC
4385.67	35.90	57.90	3760.10	1092.99	1742.38	-1484.65	2056.82	END OF TANGENT
4502.38	35.90	61.88	3854.65	1127.31	1801.56	-1535.65	2125.26	EOT TO 61.88° AZ
5706.16	35.90	61.88	4829.70	1460.02	2424.18	-2077.90	2831.20	END OF TANGENT
6902.97	0.00	0.00	5949.72	1631.05	2744.23	-2356.64	3194.08	EOD TO VERTICAL
7022.08	0.00	0.00	6068.82	1631.05	2744.23	-2356.64	3194.08	KOP (8°/100ft BUR)
7959.58	75.00	269.99	6760.62	1630.96	2213.40	-1836.85	3724.91	EP *NEW*: 135ft FNL & 200ft FEL of Sec 21
8141.71	89.57	269.99	6785.00	1630.93	2033.40	-1660.60	3904.91	HZ LANDING POINT
8307.20	89.57	273.30	6786.24	1635.68	1868.01	-1497.67	4070.39	EOT TO 273.3° AZ
8407.20	89.57	273.30	6786.99	1641.44	1768.18	-1398.75	4170.39	END OF TANGENT
8572.69	89.57	269.99	6788.23	1646.19	1602.78	-1235.82	4335.88	EOT TO 269.99° AZ
18121.45	89.57	269.99	6860.00	1644.77	-7945.71	8114.16	13884.37	BHL: 120ft FNL & 200ft FWL of Sec 20



PROPOSED LOCAL COORDINATES:

SHL: 1772ft FNL & 2396ft FEL of Sec 21
 EP *NEW*: 135ft FNL & 200ft FEL of Sec 21
 BHL: 120ft FNL & 200ft FWL of Sec 20

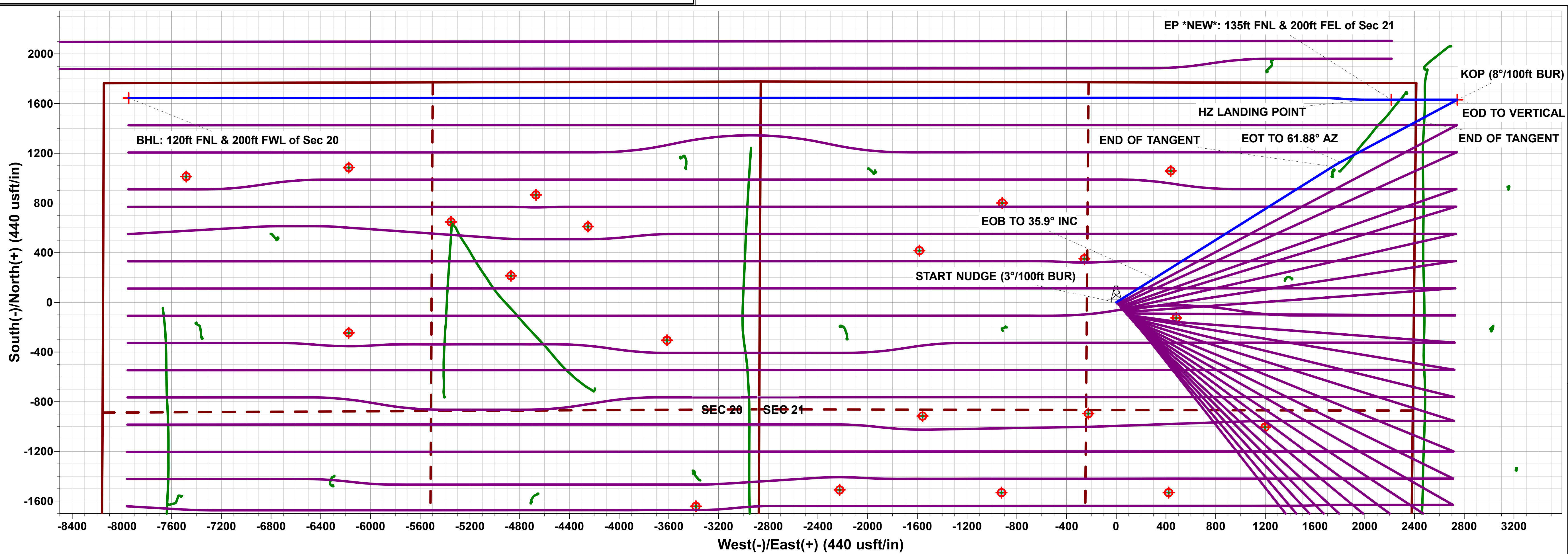
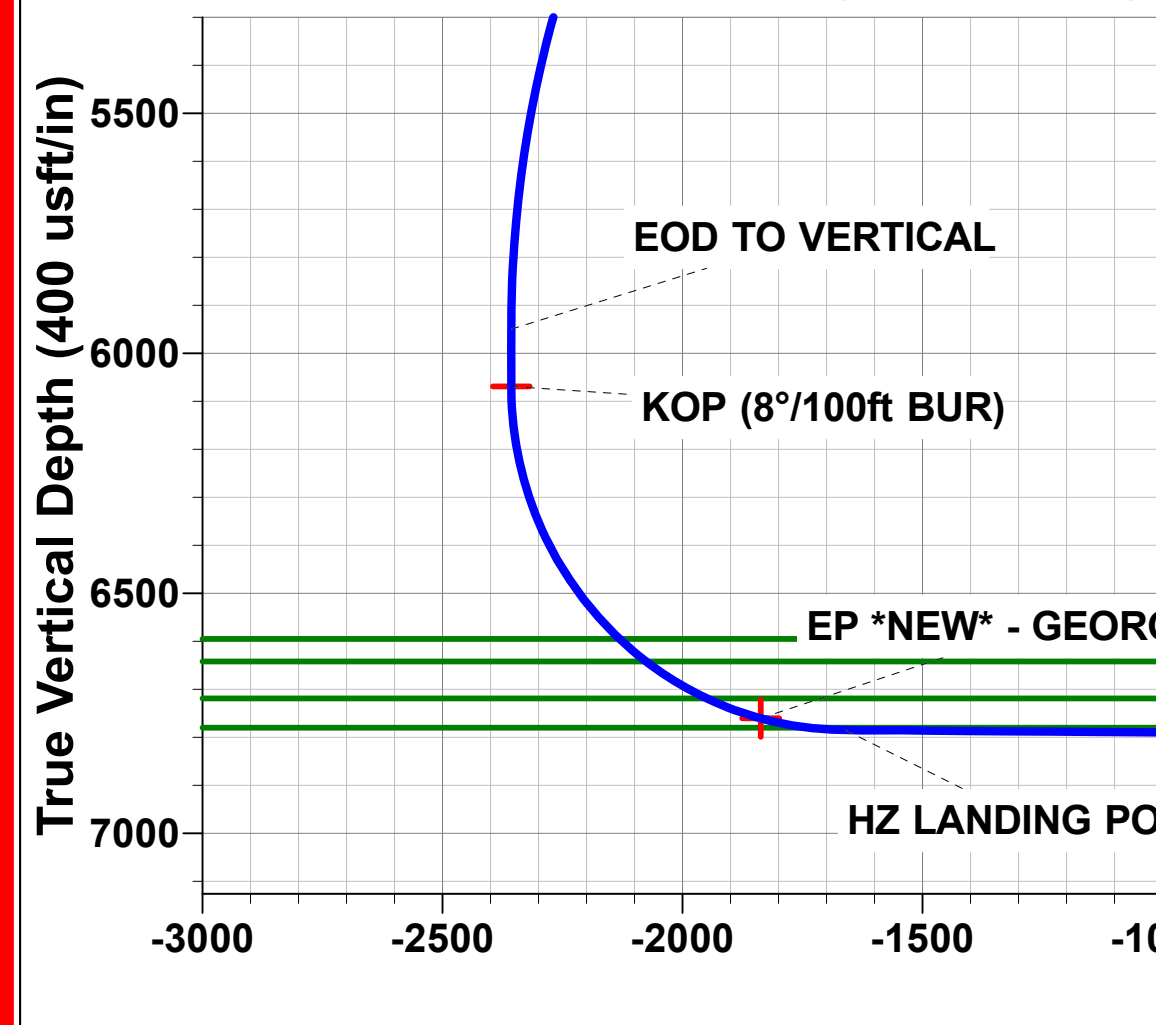
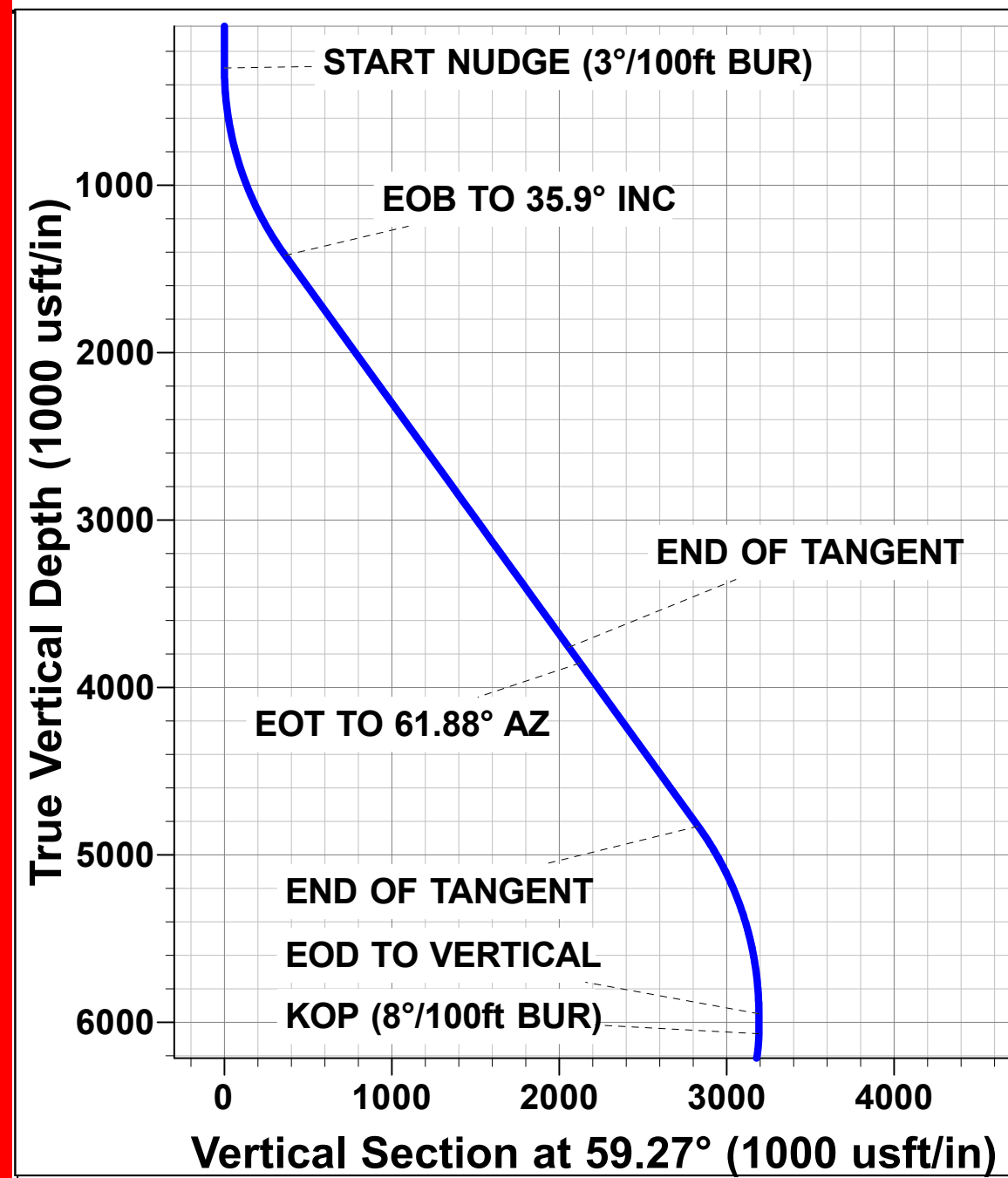


Azimuths to True North
 Magnetic North: 7.74°

Magnetic Field
 Strength: 51930.4nT
 Dip Angle: 66.61°
 Date: 2021-05-25
 Model: IGRF2020

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - GEORGE 01N	6860.00	1644.77	-7945.71	1355206.67	3255642.07	40.304816	-104.583380
EP *NEW* - GEORGE 01N	6760.61	1630.96	2213.40	1355301.13	3265800.32	40.304781	-104.546956
KOP - GEORGE 01N	6068.82	1631.05	2744.23	1355306.88	3266331.09	40.304781	-104.545053



PDC ENERGY

**WELD COUNTY, COLORADO (TRUE)
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)
GEORGE 01N**

**ORIGINAL WELLBORE
PROPOSAL #1**

Anticollision Report

29 May, 2021

Anticollision Report

Company:	PDC ENERGY	Local Co-ordinate Reference:	Well GEORGE 01N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4740.00usft
Reference Site:	SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)	MD Reference:	KB 23ft @ 4740.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GEORGE 01N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
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 centre distance of 9,999.98usft	Error Surface:	Ellipsoid Separation
Warning Levels Evaluated at:	2.00 Sigma	Casing Method:	Not applied

Survey Tool Program	Date	2021-05-29		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	18,121.38	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
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)						
ABDN DD BALBOA C20-24D - Wellbore #1 - Wellbore #	15,606.84	7,060.00	3,793.43	3,551.06	15.652	CC
ABDN DD BALBOA C20-24D - Wellbore #1 - Wellbore #	15,700.00	7,060.00	3,794.57	3,549.55	15.487	ES
ABDN DD BALBOA C20-24D - Wellbore #1 - Wellbore #	16,500.00	7,060.00	3,897.16	3,635.26	14.881	SF
ABDN DD DINNEL C27-28D - Wellbore #1 - Wellbore #1	2,518.17	1,333.00	5,022.30	5,000.35	228.780	CC
ABDN DD DINNEL C27-28D - Wellbore #1 - Wellbore #1	2,600.00	1,333.00	5,022.97	5,000.03	218.941	ES
ABDN DD DINNEL C27-28D - Wellbore #1 - Wellbore #1	7,100.00	6,197.17	5,540.48	5,456.88	66.270	SF
ABDN DD DINNEL C27-29D - Wellbore #1 - Wellbore #1	1,681.00	1,100.00	4,145.28	4,134.59	387.875	CC
ABDN DD DINNEL C27-29D - Wellbore #1 - Wellbore #1	1,800.00	1,138.92	4,146.28	4,134.11	340.565	ES
ABDN DD DINNEL C27-29D - Wellbore #1 - Wellbore #1	10,700.00	6,785.49	6,561.21	6,472.02	73.558	SF
ABDN DD HANSCOME C28-29D - Wellbore #1 - Wellbo	308.45	328.68	3,715.99	3,715.07	4,029.825	CC, ES
ABDN DD HANSCOME C28-29D - Wellbore #1 - Wellbo	13,700.00	6,908.88	5,456.93	5,270.81	29.319	SF
ABDN DD LEONARD C21-16 - Wellbore #1 - Wellbore #	300.00	285.00	3,278.20	3,277.34	3,837.045	CC
ABDN DD LEONARD C21-16 - Wellbore #1 - Wellbore #	400.00	384.95	3,278.39	3,277.20	2,762.471	ES
ABDN DD LEONARD C21-16 - Wellbore #1 - Wellbore #	11,200.00	6,831.63	5,426.48	5,311.73	47.289	SF
ABDN VERT BALBOA 20-3 - Wellbore #1 - Wellbore #1	14,826.42	6,833.67	3,187.69	2,981.91	15.491	CC
ABDN VERT BALBOA 20-3 - Wellbore #1 - Wellbore #1	14,900.00	6,834.33	3,188.53	2,980.79	15.348	ES
ABDN VERT BALBOA 20-3 - Wellbore #1 - Wellbore #1	15,500.00	6,840.09	3,258.07	3,038.78	14.857	SF
ABDN VERT BALBOA C20-2 - Wellbore #1 - Design #1	13,557.59	6,820.61	3,287.23	2,980.41	10.714	CC
ABDN VERT BALBOA C20-2 - Wellbore #1 - Design #1	13,600.00	6,820.93	3,287.50	2,979.52	10.674	ES
ABDN VERT BALBOA C20-2 - Wellbore #1 - Design #1	14,200.00	6,825.44	3,349.41	3,028.30	10.431	SF
ABDN VERT CHENOWETH #2 - Wellbore #1 - Wellbore	17,701.80	6,915.50	4,489.86	4,205.65	15.798	CC
ABDN VERT CHENOWETH #2 - Wellbore #1 - Wellbore	17,800.00	6,916.84	4,490.93	4,204.09	15.657	ES
ABDN VERT CHENOWETH #2 - Wellbore #1 - Wellbore	18,121.45	6,921.22	4,509.42	4,215.03	15.318	SF
ABDN VERT CPC OSTER 19-1 - Wellbore #1 - Wellbore	18,121.45	6,935.09	1,001.42	870.04	7.622	CC, ES, SF
ABDN VERT HANSCOME C21-18 - Wellbore #1 - Desig	300.00	278.00	434.54	428.87	76.700	CC
ABDN VERT HANSCOME C21-18 - Wellbore #1 - Desig	600.00	576.77	436.81	424.34	35.008	ES
ABDN VERT HANSCOME C21-18 - Wellbore #1 - Desig	10,600.00	6,781.41	1,305.70	1,072.59	5.601	SF
ABDN VERT HANSCOME C21-19 - Wellbore #1 - Desig	11,759.28	6,802.10	1,229.36	969.24	4.726	CC
ABDN VERT HANSCOME C21-19 - Wellbore #1 - Desig	11,800.00	6,802.41	1,230.03	968.68	4.706	ES
ABDN VERT HANSCOME C21-19 - Wellbore #1 - Desig	11,900.00	6,803.16	1,237.38	973.60	4.691	SF
ABDN VERT HANSCOME C28-1 - Wellbore #1 - Design	300.00	317.00	4,272.50	4,265.97	654.208	CC
ABDN VERT HANSCOME C28-1 - Wellbore #1 - Design	400.00	416.95	4,274.34	4,265.55	486.152	ES
ABDN VERT HANSCOME C28-1 - Wellbore #1 - Design	13,300.00	6,840.67	6,216.40	5,924.46	21.293	SF
ABDN VERT HIGHLAND 11-20 - Wellbore #1 - Wellbore	16,468.07	6,879.40	3,043.34	2,793.12	12.162	CC
ABDN VERT HIGHLAND 11-20 - Wellbore #1 - Wellbore	16,500.00	6,879.49	3,043.51	2,792.42	12.121	ES
ABDN VERT HIGHLAND 11-20 - Wellbore #1 - Wellbore	16,900.00	6,880.51	3,073.84	2,814.51	11.853	SF

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 GEORGE 01N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4740.00usft
Reference Site:	SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)	MD Reference:	KB 23ft @ 4740.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GEORGE 01N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
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
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)						
ABDN VERT JOHNSON C29-29 - Wellbore #1 - Design	17,073.79	6,910.09	5,337.05	4,933.39	13.222	CC
ABDN VERT JOHNSON C29-29 - Wellbore #1 - Design	17,200.00	6,911.04	5,338.54	4,931.47	13.115	ES
ABDN VERT JOHNSON C29-29 - Wellbore #1 - Design	18,121.45	6,918.00	5,438.90	5,012.06	12.742	SF
ABDN VERT LEONARD #1 - Wellbore #1 - Wellbore #1	303.76	281.14	2,877.91	2,877.07	3,431.115	CC, ES
ABDN VERT LEONARD #1 - Wellbore #1 - Wellbore #1	12,300.00	6,749.25	5,173.27	5,047.03	40.980	SF
ABDN VERT LEONARD 21-1414 - Wellbore #1 - Design	300.00	318.00	3,014.82	3,008.33	464.524	CC
ABDN VERT LEONARD 21-1414 - Wellbore #1 - Design	400.00	417.95	3,016.83	3,008.08	344.699	ES
ABDN VERT LEONARD 21-1414 - Wellbore #1 - Design	12,500.00	6,835.66	4,720.72	4,445.34	17.143	SF
ABDN VERT LEONARD 21-614 - Wellbore #1 - Wellbore	0.00	0.00	903.93			
ABDN VERT LEONARD 21-614 - Wellbore #1 - Wellbore	100.00	77.44	904.09	903.92	5,428.054	ES
ABDN VERT LEONARD 21-614 - Wellbore #1 - Wellbore	11,500.00	6,766.96	1,908.02	1,789.65	16.120	SF
ABDN VERT PREBISH #1 - Wellbore #1 - Design #1	16,350.54	6,860.64	560.20	177.34	1.463	Level 3, CC, ES, SF
ABDN VERT PREBISH #2 - Wellbore #1 - Wellbore #1	17,579.04	6,924.81	1,810.41	1,529.41	6.443	CC
ABDN VERT PREBISH #2 - Wellbore #1 - Wellbore #1	17,600.00	6,924.70	1,810.53	1,528.98	6.431	ES
ABDN VERT PREBISH #2 - Wellbore #1 - Wellbore #1	17,700.00	6,924.17	1,814.44	1,530.85	6.398	SF
ABDN VERT TODD #1 - Wellbore #1 - Wellbore #1	13,683.95	6,801.29	478.09	302.51	2.723	CC
ABDN VERT TODD #1 - Wellbore #1 - Wellbore #1	13,700.00	6,801.35	478.36	302.29	2.717	ES, SF
ABDN VERT TODD #2 - Wellbore #1 - Design #1	15,045.46	6,833.80	1,431.36	1,084.45	4.126	CC
ABDN VERT TODD #2 - Wellbore #1 - Design #1	15,100.00	6,834.22	1,432.40	1,084.10	4.113	ES, SF
ABDN VERT UPRC #29-4H - Wellbore #1 - Design #1	17,818.86	6,923.72	5,819.44	5,395.01	13.711	CC
ABDN VERT UPRC #29-4H - Wellbore #1 - Design #1	18,000.00	6,925.08	5,822.26	5,392.96	13.562	ES
ABDN VERT UPRC #29-4H - Wellbore #1 - Design #1	18,121.45	6,926.00	5,827.30	5,394.92	13.477	SF
ABDN VERT VICTOR C19-9 - Wellbore #1 - Wellbore #1	18,121.45	6,900.00	3,194.27	2,909.75	11.227	CC, ES, SF
ABDN VERT VICTOR C29-4 - Wellbore #1 - Design #1	17,670.71	4,554.00	6,281.65	5,937.30	18.242	CC
ABDN VERT VICTOR C29-4 - Wellbore #1 - Design #1	17,800.00	4,554.00	6,282.98	5,935.36	18.074	ES
ABDN VERT VICTOR C29-4 - Wellbore #1 - Design #1	18,121.45	4,554.00	6,297.80	5,942.56	17.728	SF
EXIST DD CHENOWETH C20-25D - Wellbore #1 - Wellb	17,036.42	7,184.12	3,904.86	3,615.49	13.494	CC
EXIST DD CHENOWETH C20-25D - Wellbore #1 - Wellb	17,100.00	7,184.82	3,905.38	3,614.54	13.428	ES
EXIST DD CHENOWETH C20-25D - Wellbore #1 - Wellb	17,600.00	7,190.07	3,945.32	3,645.72	13.169	SF
EXIST DD HANSCOME C28-28D - Wellbore #1 - Wellbo	0.00	8.94	3,727.30			
EXIST DD HANSCOME C28-28D - Wellbore #1 - Wellbo	300.00	307.00	3,727.38	3,726.51	4,247.318	ES
EXIST DD HANSCOME C28-28D - Wellbore #1 - Wellbo	13,000.00	6,833.84	5,843.71	5,688.04	37.539	SF
EXIST DD HANSCOME C28-30D - Wellbore #1 - Wellbo	309.26	353.79	4,474.59	4,473.64	4,691.570	CC, ES
EXIST DD HANSCOME C28-30D - Wellbore #1 - Wellbo	14,700.00	7,034.68	5,338.79	5,131.59	25.766	SF
EXIST DD HANSCOME C29-27D - Wellbore #1 - Wellbo	300.80	325.65	4,479.03	4,478.13	4,960.539	CC, ES
EXIST DD HANSCOME C29-27D - Wellbore #1 - Wellbo	15,900.00	6,971.58	5,242.27	4,998.64	21.517	SF
EXIST DD LONG C20-21D - Wellbore #1 - Wellbore #1	15,578.85	7,086.43	2,408.64	2,167.42	9.985	CC
EXIST DD LONG C20-21D - Wellbore #1 - Wellbore #1	15,600.00	7,086.33	2,408.73	2,166.92	9.961	ES
EXIST DD LONG C20-21D - Wellbore #1 - Wellbore #1	15,900.00	7,084.98	2,429.95	2,181.52	9.781	SF
EXIST DD LONG C20-22D - Wellbore #1 - Wellbore #1	14,371.43	7,271.89	2,346.86	2,128.60	10.753	CC
EXIST DD LONG C20-22D - Wellbore #1 - Wellbore #1	14,400.00	7,271.88	2,347.03	2,128.21	10.726	ES
EXIST DD LONG C20-22D - Wellbore #1 - Wellbore #1	14,600.00	7,271.83	2,357.96	2,136.13	10.629	SF
EXIST DD NOVACEK C28-27D - Wellbore #1 - Wellbore	0.00	0.00	3,316.59			
EXIST DD NOVACEK C28-27D - Wellbore #1 - Wellbore	400.00	381.52	3,317.34	3,315.89	2,280.895	ES
EXIST DD NOVACEK C28-27D - Wellbore #1 - Wellbore	12,300.00	6,915.11	6,113.50	5,971.38	43.017	SF
EXIST HZ HANSCOME C21-79HN - Wellbore #1 - Wellb	13,100.00	10,869.00	418.37	248.84	2.468	ES, SF
EXIST HZ HANSCOME C21-79HN - Wellbore #1 - Wellb	13,113.55	10,869.00	418.15	249.41	2.478	CC
EXIST HZ KLINGENBERG C20-780 - SIDETRACK - SID	17,849.24	10,175.00	1,722.56	1,424.46	5.779	CC
EXIST HZ KLINGENBERG C20-780 - SIDETRACK - SID	17,900.00	10,175.00	1,723.30	1,423.97	5.757	ES
EXIST HZ KLINGENBERG C20-780 - SIDETRACK - SID	18,000.00	10,175.00	1,729.14	1,427.60	5.734	SF
EXIST HZ KLINGENBERG C20-780 - VERTICAL PILOT	17,828.05	6,908.64	4,898.54	4,598.61	16.332	CC
EXIST HZ KLINGENBERG C20-780 - VERTICAL PILOT	18,000.00	6,909.11	4,901.56	4,597.08	16.098	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 GEORGE 01N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4740.00usft
Reference Site:	SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)	MD Reference:	KB 23ft @ 4740.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GEORGE 01N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
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
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)						
EXIST HZ KLINGENBERG C20-780 - VERTICAL PILOT	18,121.45	6,909.44	4,907.32	4,599.88	15.962	SF
EXIST HZ THOMPSON C28-79HN - Wellbore #1 - Wellb	13,011.31	10,884.00	5,679.68	5,509.30	33.336	CC
EXIST HZ THOMPSON C28-79HN - Wellbore #1 - Wellb	13,100.00	10,884.00	5,680.37	5,507.91	32.937	ES
EXIST HZ THOMPSON C28-79HN - Wellbore #1 - Wellb	16,000.00	10,884.00	6,418.05	6,172.54	26.142	SF
EXIST VERT API #20-614 - Wellbore #1 - Design #1	16,351.05	6,871.64	1,889.92	1,506.79	4.933	CC
EXIST VERT API #20-614 - Wellbore #1 - Design #1	16,400.00	6,872.01	1,890.55	1,506.15	4.918	ES
EXIST VERT API #20-614 - Wellbore #1 - Design #1	16,500.00	6,872.76	1,895.78	1,509.37	4.906	SF
EXIST VERT API 20-414 - Wellbore #1 - Design #1	17,658.75	6,903.51	632.53	212.96	1.508	CC, ES, SF
EXIST VERT BALBOA 20-1 - Wellbore #1 - Design #1	13,693.49	6,844.63	4,437.30	4,126.43	14.274	CC
EXIST VERT BALBOA 20-1 - Wellbore #1 - Design #1	13,800.00	6,845.43	4,438.57	4,124.83	14.147	ES
EXIST VERT BALBOA 20-1 - Wellbore #1 - Design #1	14,700.00	6,852.20	4,550.01	4,216.53	13.644	SF
EXIST VERT BALBOA C20-23 - Wellbore #1 - Design #1	14,346.04	6,841.54	3,712.13	3,383.92	11.310	CC
EXIST VERT BALBOA C20-23 - Wellbore #1 - Design #1	14,400.00	6,841.95	3,712.53	3,382.83	11.261	ES
EXIST VERT BALBOA C20-23 - Wellbore #1 - Design #1	15,000.00	6,846.46	3,769.30	3,426.23	10.987	SF
EXIST VERT BALBOA C20-4 - Wellbore #1 - Design #1	15,158.08	6,864.65	4,509.70	4,159.27	12.869	CC
EXIST VERT BALBOA C20-4 - Wellbore #1 - Design #1	15,300.00	6,865.72	4,511.93	4,157.69	12.737	ES
EXIST VERT BALBOA C20-4 - Wellbore #1 - Design #1	16,100.00	6,871.75	4,607.01	4,235.80	12.411	SF
EXIST VERT BALBOA C20-9X - Wellbore #1 - Wellbore	13,574.85	6,726.87	3,013.53	2,841.42	17.509	CC
EXIST VERT BALBOA C20-9X - Wellbore #1 - Wellbore	13,700.00	6,728.95	3,016.13	2,840.66	17.189	ES
EXIST VERT BALBOA C20-9X - Wellbore #1 - Wellbore	14,300.00	6,738.85	3,099.52	2,912.60	16.582	SF
EXIST VERT BORYS C22-20 - Wellbore #1 - Design #1	6,290.01	5,288.22	2,595.89	2,423.81	15.085	CC
EXIST VERT BORYS C22-20 - Wellbore #1 - Design #1	7,050.00	6,037.73	2,597.96	2,409.20	13.763	ES
EXIST VERT BORYS C22-20 - Wellbore #1 - Design #1	7,350.00	6,326.40	2,630.85	2,436.69	13.550	SF
EXIST VERT CANTRELL #1 - Wellbore #1 - Design #1	6,315.20	5,294.17	3,591.31	3,418.95	20.836	CC
EXIST VERT CANTRELL #1 - Wellbore #1 - Design #1	7,050.00	6,019.73	3,592.67	3,404.19	19.061	ES
EXIST VERT CANTRELL #1 - Wellbore #1 - Design #1	7,450.00	6,394.73	3,649.82	3,454.49	18.685	SF
EXIST VERT CANTRELL 22-12 - Wellbore #1 - Wellbore	4,705.04	3,967.01	2,841.90	2,792.36	57.360	CC
EXIST VERT CANTRELL 22-12 - Wellbore #1 - Wellbore	4,800.00	4,046.02	2,842.43	2,791.71	56.043	ES
EXIST VERT CANTRELL 22-12 - Wellbore #1 - Wellbore	7,050.00	6,022.67	3,019.98	2,954.81	46.343	SF
EXIST VERT CONRAD #1 - Wellbore #1 - Design #1	7,022.08	5,984.82	1,723.70	1,551.66	10.019	CC
EXIST VERT CONRAD #1 - Wellbore #1 - Design #1	7,050.00	6,012.73	1,724.22	1,551.61	9.989	ES
EXIST VERT CONRAD #1 - Wellbore #1 - Design #1	7,150.00	6,112.06	1,734.59	1,560.06	9.938	SF
EXIST VERT CPC-JOHNSON 29-1 - Wellbore #1 - Design	300.00	328.00	5,276.11	5,269.42	788.147	CC, ES
EXIST VERT CPC-JOHNSON 29-1 - Wellbore #1 - Design	15,200.00	6,865.97	5,890.14	5,546.06	17.119	SF
EXIST VERT DARLENE DINNELL #1 - Wellbore #1 - Design	5,118.18	4,288.45	4,706.78	4,567.21	33.722	CC
EXIST VERT DARLENE DINNELL #1 - Wellbore #1 - Design	5,500.00	4,597.72	4,712.11	4,561.56	31.300	ES
EXIST VERT DARLENE DINNELL #1 - Wellbore #1 - Design	7,650.00	6,554.33	4,852.18	4,654.77	24.579	SF
EXIST VERT HAMLIN C21-22 - Wellbore #1 - Design #1	1,697.56	1,547.62	1,487.26	1,446.09	36.119	CC
EXIST VERT HAMLIN C21-22 - Wellbore #1 - Design #1	1,800.00	1,630.60	1,488.48	1,444.36	33.736	ES
EXIST VERT HAMLIN C21-22 - Wellbore #1 - Design #1	9,600.00	6,760.92	2,722.51	2,508.55	12.725	SF
EXIST VERT HANSCOME 28-4 - Wellbore #1 - Wellbore	0.00	39.39	4,920.94			
EXIST VERT HANSCOME 28-4 - Wellbore #1 - Wellbore	15,100.00	6,879.21	6,509.02	6,313.53	33.296	SF
EXIST VERT HANSCOME C21-20 - Wellbore #1 - Design	300.00	305.00	1,807.56	1,801.30	288.970	CC, ES
EXIST VERT HANSCOME C21-20 - Wellbore #1 - Design	12,200.00	6,820.41	2,603.22	2,332.45	9.614	SF
EXIST VERT HANSCOME C21-21 - Wellbore #1 - Design	300.00	299.00	922.57	916.43	150.194	CC
EXIST VERT HANSCOME C21-21 - Wellbore #1 - Design	400.00	398.95	924.46	916.05	109.967	ES
EXIST VERT HANSCOME C21-21 - Wellbore #1 - Design	10,900.00	6,804.66	2,589.43	2,349.42	10.789	SF
EXIST VERT HANSCOME C21-24 - Wellbore #1 - Design	300.00	300.00	2,195.48	2,189.33	356.810	CC
EXIST VERT HANSCOME C21-24 - Wellbore #1 - Design	400.00	399.95	2,197.04	2,188.62	261.041	ES
EXIST VERT HANSCOME C21-24 - Wellbore #1 - Design	11,500.00	6,810.16	4,004.62	3,752.60	15.890	SF
EXIST VERT HERBST #1 - Wellbore #1 - Wellbore #1	2,739.53	2,395.54	4,029.50	4,005.09	165.089	CC
EXIST VERT HERBST #1 - Wellbore #1 - Wellbore #1	2,900.00	2,528.95	4,030.54	4,004.07	152.312	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 GEORGE 01N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4740.00usft
Reference Site:	SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)	MD Reference:	KB 23ft @ 4740.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GEORGE 01N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
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
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)						
EXIST VERT HERBST #1 - Wellbore #1 - Wellbore #1	10,400.00	6,679.00	5,531.68	5,445.07	63.871	SF
EXIST VERT HERBST 22-614 - Wellbore #1 - Design #1	7,022.08	6,002.82	1,904.10	1,716.47	10.148	CC
EXIST VERT HERBST 22-614 - Wellbore #1 - Design #1	7,050.00	6,030.73	1,904.44	1,716.24	10.119	ES
EXIST VERT HERBST 22-614 - Wellbore #1 - Design #1	7,200.00	6,178.92	1,917.87	1,726.90	10.043	SF
EXIST VERT HERBST C22-25 - Wellbore #1 - Wellbore	4,105.34	3,500.00	3,924.30	3,882.25	93.340	CC
EXIST VERT HERBST C22-25 - Wellbore #1 - Wellbore	4,700.00	3,990.07	3,930.96	3,881.55	79.562	ES
EXIST VERT HERBST C22-25 - Wellbore #1 - Wellbore	7,050.00	6,000.00	4,074.57	4,008.18	61.374	SF
EXIST VERT HERBST C27-30 - Wellbore #1 - Design #1	1,178.59	1,103.93	4,480.12	4,453.68	169.452	CC
EXIST VERT HERBST C27-30 - Wellbore #1 - Design #1	1,600.00	1,459.59	4,485.76	4,447.58	117.486	ES
EXIST VERT HERBST C27-30 - Wellbore #1 - Design #1	9,800.00	6,753.42	5,761.35	5,544.76	26.600	SF
EXIST VERT HERBST, CONRAD #1 - Wellbore #1 - Des	3,382.14	2,888.20	5,855.23	5,765.74	65.426	CC
EXIST VERT HERBST, CONRAD #1 - Wellbore #1 - Des	3,900.00	3,307.69	5,863.10	5,758.61	56.113	ES
EXIST VERT HERBST, CONRAD #1 - Wellbore #1 - Des	7,850.00	6,665.28	6,158.04	5,959.17	30.966	SF
EXIST VERT HIGHLAND 12-20 - Wellbore #1 - Wellbore	17,695.23	6,876.46	3,205.83	2,921.98	11.294	CC
EXIST VERT HIGHLAND 12-20 - Wellbore #1 - Wellbore	17,800.00	6,876.46	3,207.54	2,920.99	11.193	ES
EXIST VERT HIGHLAND 12-20 - Wellbore #1 - Wellbore	18,121.45	6,876.45	3,234.04	2,941.29	11.047	SF
EXIST VERT JOHNSON C29-28 - Wellbore #1 - Design	15,889.15	6,882.16	5,004.89	4,634.39	13.509	CC
EXIST VERT JOHNSON C29-28 - Wellbore #1 - Design	16,000.00	6,882.99	5,006.12	4,632.62	13.403	ES
EXIST VERT JOHNSON C29-28 - Wellbore #1 - Design	17,000.00	6,890.54	5,126.69	4,732.02	12.990	SF
EXIST VERT JOHNSON R C29-2 - Wellbore #1 - Design	15,038.55	6,886.75	5,777.52	5,429.76	16.614	CC
EXIST VERT JOHNSON R C29-2 - Wellbore #1 - Design	15,200.00	6,887.97	5,779.77	5,427.65	16.414	ES
EXIST VERT JOHNSON R C29-2 - Wellbore #1 - Design	16,500.00	6,897.76	5,959.49	5,579.32	15.676	SF
EXIST VERT JOHNSTON #22-4 - Wellbore #1 - Wellbor	6,514.02	5,470.45	822.60	754.19	12.024	CC
EXIST VERT JOHNSTON #22-4 - Wellbore #1 - Wellbor	6,600.00	5,555.76	822.92	754.17	11.971	ES
EXIST VERT JOHNSTON #22-4 - Wellbore #1 - Wellbor	7,022.08	5,988.28	827.21	757.86	11.930	SF
EXIST VERT JULIE C21-25 - Wellbore #1 - Design #1	300.00	330.00	2,802.14	2,795.37	414.172	CC, ES
EXIST VERT JULIE C21-25 - Wellbore #1 - Design #1	12,700.00	6,849.17	4,164.69	3,882.84	14.776	SF
EXIST VERT KLEIN #1 - Wellbore #1 - Design #1	300.00	328.00	3,614.09	3,607.40	539.874	CC, ES
EXIST VERT KLEIN #1 - Wellbore #1 - Design #1	13,600.00	6,853.93	4,658.51	4,354.59	15.328	SF
EXIST VERT KLEIN 21-12 - Wellbore #1 - Design #1	300.00	304.00	2,689.27	2,683.03	430.631	CC, ES
EXIST VERT KLEIN 21-12 - Wellbore #1 - Design #1	13,000.00	6,825.42	3,211.53	2,920.93	11.051	SF
EXIST VERT LEHFELDT C27-04 - Wellbore #1 - Design	830.48	770.68	5,208.22	5,190.89	300.455	CC
EXIST VERT LEHFELDT C27-04 - Wellbore #1 - Design	1,400.00	1,287.18	5,213.52	5,181.21	161.385	ES
EXIST VERT LEHFELDT C27-04 - Wellbore #1 - Design	10,200.00	6,747.41	6,661.42	6,439.34	29.996	SF
EXIST VERT LEONARD #2 - Wellbore #1 - Wellbore #1	12,337.75	6,785.37	1,941.66	1,801.62	13.865	CC
EXIST VERT LEONARD #2 - Wellbore #1 - Wellbore #1	12,400.00	6,785.82	1,942.66	1,800.87	13.701	ES
EXIST VERT LEONARD #2 - Wellbore #1 - Wellbore #1	12,700.00	6,787.96	1,975.17	1,827.15	13.345	SF
EXIST VERT LEONARD #3 - Wellbore #1 - Design #1	300.00	323.00	1,788.19	1,781.54	269.180	CC, ES
EXIST VERT LEONARD #3 - Wellbore #1 - Design #1	11,800.00	6,835.41	3,253.87	2,992.98	12.472	SF
EXIST VERT LEONARD #4 - Wellbore #1 - Design #1	1,461.69	1,366.37	362.98	328.34	10.479	CC
EXIST VERT LEONARD #4 - Wellbore #1 - Design #1	1,496.67	1,394.89	363.55	327.93	10.207	ES
EXIST VERT LEONARD #4 - Wellbore #1 - Design #1	10,000.00	6,773.91	1,797.91	1,576.95	8.137	SF
EXIST VERT LEONARD 21-10 - Wellbore #1 - Design #1	300.00	283.00	1,588.68	1,582.86	272.945	CC
EXIST VERT LEONARD 21-10 - Wellbore #1 - Design #1	400.00	382.95	1,589.43	1,581.34	196.505	ES
EXIST VERT LEONARD 21-10 - Wellbore #1 - Design #1	10,600.00	6,786.41	3,288.27	3,055.46	14.125	SF
EXIST VERT LEONARD 21-1614 - Wellbore #1 - Wellbor	386.95	379.02	2,775.04	2,773.94	2,515.192	CC
EXIST VERT LEONARD 21-1614 - Wellbore #1 - Wellbor	500.00	506.52	2,775.12	2,773.68	1,920.074	ES
EXIST VERT LEONARD 21-1614 - Wellbore #1 - Wellbor	11,300.00	6,716.71	4,756.44	4,650.76	45.008	SF
EXIST VERT LONG C20-17 - Wellbore #1 - Design #1	14,426.10	6,813.14	1,034.47	704.65	3.136	CC, ES
EXIST VERT LONG C20-17 - Wellbore #1 - Design #1	14,500.00	6,813.70	1,037.10	705.64	3.129	SF
EXIST VERT LONG C20-18 - Wellbore #1 - Design #1	15,527.86	6,847.44	997.67	637.48	2.770	CC, ES
EXIST VERT LONG C20-18 - Wellbore #1 - Design #1	15,600.00	6,847.98	1,000.27	638.71	2.767	SF

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 GEORGE 01N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4740.00usft
Reference Site:	SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)	MD Reference:	KB 23ft @ 4740.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GEORGE 01N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
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
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)						
EXIST VERT LYMAN #1 - Wellbore #1 - Wellbore #1	5,272.70	4,395.85	1,742.71	1,685.71	30.577	CC
EXIST VERT LYMAN #1 - Wellbore #1 - Wellbore #1	5,300.00	4,419.31	1,742.77	1,685.44	30.399	ES
EXIST VERT LYMAN #1 - Wellbore #1 - Wellbore #1	6,100.00	5,088.90	1,798.67	1,734.82	28.169	SF
EXIST VERT NIX #1 - Wellbore #1 - Design #1	300.00	253.00	4,611.79	4,606.59	887.300	CC
EXIST VERT NIX #1 - Wellbore #1 - Design #1	500.00	452.63	4,613.78	4,604.04	473.713	ES
EXIST VERT NIX #1 - Wellbore #1 - Design #1	11,300.00	6,761.66	6,568.30	6,325.56	27.059	SF
EXIST VERT NOVACEK #1 - Wellbore #1 - Design #1	300.00	287.00	4,191.70	4,185.79	708.797	CC
EXIST VERT NOVACEK #1 - Wellbore #1 - Design #1	400.00	386.95	4,192.88	4,184.70	512.522	ES
EXIST VERT NOVACEK #1 - Wellbore #1 - Design #1	12,200.00	6,802.41	6,302.09	6,037.80	23.845	SF
EXIST VERT OSTER PM C19-8 - Wellbore #1 - Design #1	18,121.45	6,928.00	1,991.84	1,579.58	4.832	CC, ES, SF
EXIST VERT PREBISH C20-19 - Wellbore #1 - Wellbore	16,920.91	6,921.16	1,133.45	870.85	4.316	CC, ES
EXIST VERT PREBISH C20-19 - Wellbore #1 - Wellbore	17,000.00	6,920.51	1,136.21	872.22	4.304	SF
EXIST VERT THOUTT #2 - Wellbore #1 - Wellbore #1	1,880.70	1,864.81	2,390.51	2,376.89	175.547	CC
EXIST VERT THOUTT #2 - Wellbore #1 - Wellbore #1	2,000.00	1,964.62	2,391.45	2,376.31	157.935	ES
EXIST VERT THOUTT #2 - Wellbore #1 - Wellbore #1	10,200.00	6,906.27	3,810.96	3,723.40	43.525	SF
EXIST VERT TODD #20-2 - Wellbore #1 - Design #1	14,844.41	6,829.29	780.41	439.06	2.286	CC, ES
EXIST VERT TODD #20-2 - Wellbore #1 - Design #1	14,900.00	6,829.71	782.39	439.99	2.285	SF
EXIST VERT TODD 20-8 - Wellbore #1 - Design #1	13,790.40	6,819.36	1,950.52	1,637.54	6.232	CC
EXIST VERT TODD 20-8 - Wellbore #1 - Design #1	13,800.00	6,819.43	1,950.55	1,637.29	6.227	ES
EXIST VERT TODD 20-8 - Wellbore #1 - Design #1	14,000.00	6,820.94	1,961.75	1,643.86	6.171	SF
EXIST VERT TRAVELERS 21-814 - Wellbore #1 - Wellbo	3,118.31	2,692.79	576.90	547.56	19.663	CC, ES
EXIST VERT TRAVELERS 21-814 - Wellbore #1 - Wellbo	3,300.00	2,835.23	587.49	556.43	18.915	SF
EXIST VERT VICTOR C19-16 - Wellbore #1 - Design #1	18,121.45	6,941.00	4,577.38	4,149.62	10.701	CC, ES, SF
GEORGE 02N - ORIGINAL WELLBORE - PROPOSAL #	398.00	397.96	14.78	13.28	9.800	CC
GEORGE 02N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,011.63	231.58	-124.81	0.650	Level 3, ES, SF
GEORGE 03NA - ORIGINAL WELLBORE - PROPOSAL	437.68	437.56	29.57	27.88	17.491	CC
GEORGE 03NA - ORIGINAL WELLBORE - PROPOSAL	18,121.45	17,951.70	457.07	11.13	1.025	Level 3, ES, SF
GEORGE 04N - ORIGINAL WELLBORE - PROPOSAL #	468.37	469.15	44.39	42.56	24.215	CC
GEORGE 04N - ORIGINAL WELLBORE - PROPOSAL #	500.00	500.63	44.50	42.52	22.489	ES
GEORGE 04N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,986.47	734.95	146.41	1.249	Level 3, SF
GEORGE 05N - ORIGINAL WELLBORE - PROPOSAL #	494.40	495.06	59.15	57.19	30.291	CC
GEORGE 05N - ORIGINAL WELLBORE - PROPOSAL #	500.00	500.63	59.15	57.17	29.899	ES
GEORGE 05N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,906.98	880.49	298.45	1.513	SF
GEORGE 06N - ORIGINAL WELLBORE - PROPOSAL #	517.39	518.92	73.94	71.87	35.743	CC, ES
GEORGE 06N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,884.35	1,093.58	507.20	1.865	SF
GEORGE 07NA - ORIGINAL WELLBORE - PROPOSAL	538.01	539.40	88.77	86.60	40.881	CC, ES
GEORGE 07NA - ORIGINAL WELLBORE - PROPOSAL	18,121.45	17,830.02	1,321.95	736.64	2.259	SF
GEORGE 08N - ORIGINAL WELLBORE - PROPOSAL #	556.94	558.16	103.51	101.24	45.703	CC
GEORGE 08N - ORIGINAL WELLBORE - PROPOSAL #	600.00	600.77	103.69	101.21	41.780	ES
GEORGE 08N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,872.76	1,536.29	946.43	2.605	SF
GEORGE 09N - ORIGINAL WELLBORE - PROPOSAL #	574.63	576.68	118.33	115.98	50.243	CC
GEORGE 09N - ORIGINAL WELLBORE - PROPOSAL #	600.00	601.77	118.39	115.91	47.666	ES
GEORGE 09N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,044.39	1,752.92	1,158.21	2.947	SF
GEORGE 10N - ORIGINAL WELLBORE - PROPOSAL #	591.37	593.24	133.13	130.69	54.570	CC
GEORGE 10N - ORIGINAL WELLBORE - PROPOSAL #	600.00	601.77	133.14	130.65	53.607	ES
GEORGE 10N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,965.73	1,973.89	1,380.24	3.325	SF
GEORGE 11N - ORIGINAL WELLBORE - PROPOSAL #	606.77	608.46	147.94	145.41	58.679	CC, ES
GEORGE 11N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,992.05	2,191.02	1,597.01	3.689	SF
GEORGE 12N - ORIGINAL WELLBORE - PROPOSAL #	621.64	623.12	162.74	160.14	62.496	CC, ES
GEORGE 12N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,944.03	2,411.70	1,818.83	4.068	SF
GEORGE 13N - ORIGINAL WELLBORE - PROPOSAL #	636.07	637.34	177.54	174.85	66.121	CC, ES
GEORGE 13N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,990.40	2,629.19	2,036.50	4.436	SF

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 GEORGE 01N
Project:	WELD COUNTY, COLORADO (TRUE)	TVD Reference:	KB 23ft @ 4740.00usft
Reference Site:	SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)	MD Reference:	KB 23ft @ 4740.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GEORGE 01N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	ORIGINAL WELLBORE	Database:	Database 1
Reference Design:	PROPOSAL #1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference	Offset	Distance		Separation Factor	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
SW NE SEC. 21 T4N R64W 6th P.M. (GEORGE)						
GEORGE 14N - ORIGINAL WELLBORE - PROPOSAL #	649.81	650.86	192.37	189.60	69.632	CC
GEORGE 14N - ORIGINAL WELLBORE - PROPOSAL #	700.00	700.08	192.61	189.57	63.164	ES
GEORGE 14N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	17,957.14	2,849.09	2,256.38	4.807	SF
GEORGE 15NA - ORIGINAL WELLBORE - PROPOSAL	663.12	662.93	207.12	204.28	73.037	CC
GEORGE 15NA - ORIGINAL WELLBORE - PROPOSAL	700.00	699.08	207.25	204.20	68.017	ES
GEORGE 15NA - ORIGINAL WELLBORE - PROPOSAL	18,121.45	17,941.14	3,070.50	2,479.16	5.192	SF
GEORGE 16N - ORIGINAL WELLBORE - PROPOSAL #	675.93	675.51	221.91	219.01	76.293	CC
GEORGE 16N - ORIGINAL WELLBORE - PROPOSAL #	700.00	699.08	221.97	218.92	72.853	ES
GEORGE 16N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,062.11	3,286.48	2,695.07	5.557	SF
GEORGE 17N - ORIGINAL WELLBORE - PROPOSAL #	688.40	687.73	236.66	233.68	79.420	CC
GEORGE 17N - ORIGINAL WELLBORE - PROPOSAL #	700.00	699.08	236.68	233.63	77.687	ES
GEORGE 17N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,025.04	3,506.64	2,916.06	5.938	SF
GEORGE 18N - ORIGINAL WELLBORE - PROPOSAL #	700.25	699.33	251.48	248.43	82.507	CC, ES
GEORGE 18N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,126.34	3,724.63	3,134.93	6.316	SF
GEORGE 19NA - ORIGINAL WELLBORE - PROPOSAL	711.97	709.79	266.27	263.15	85.325	CC, ES
GEORGE 19NA - ORIGINAL WELLBORE - PROPOSAL	18,121.45	18,103.37	3,946.02	3,356.26	6.691	SF
GEORGE 20N - ORIGINAL WELLBORE - PROPOSAL #	702.92	700.00	281.14	278.08	91.868	CC, ES
GEORGE 20N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,236.88	4,162.83	3,574.10	7.071	SF
GEORGE 21N - ORIGINAL WELLBORE - PROPOSAL #	622.62	618.33	296.81	294.22	114.539	CC, ES
GEORGE 21N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,229.49	4,382.77	3,794.82	7.454	SF
GEORGE 22N - ORIGINAL WELLBORE - PROPOSAL #	525.87	520.80	313.23	311.14	149.760	CC, ES
GEORGE 22N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,285.93	4,601.92	4,014.09	7.829	SF
GEORGE 23N - ORIGINAL WELLBORE - PROPOSAL #	416.59	413.43	329.42	327.84	207.956	CC, ES
GEORGE 23N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,412.91	4,820.09	4,232.85	8.208	SF
GEORGE 24N - ORIGINAL WELLBORE - PROPOSAL #	300.00	299.00	344.89	343.82	322.363	CC, ES
GEORGE 24N - ORIGINAL WELLBORE - PROPOSAL #	18,121.45	18,445.79	5,040.02	4,453.92	8.599	SF
SW NW SEC. 17 T4N R64W 6th P.M. (DRAKE)						
ABDN VERT CHENOWETH 21-4 - Wellbore #1 - Wellbo	12,114.90	6,786.43	592.62	458.39	4.415	CC, ES
ABDN VERT CHENOWETH 21-4 - Wellbore #1 - Wellbo	12,200.00	6,787.93	598.69	462.63	4.400	SF
ABDN VERT CHENOWETH #1 - Wellbore #1 - Design #1	11,092.83	6,796.10	845.88	602.11	3.470	CC
ABDN VERT CHENOWETH #1 - Wellbore #1 - Design #1	11,100.00	6,796.16	845.91	601.87	3.466	ES
ABDN VERT CHENOWETH #1 - Wellbore #1 - Design #1	11,200.00	6,796.91	852.64	605.73	3.453	SF
DRAKE 23N - ORIGINAL WELLBORE - PROPOSAL #1	8,500.00	18,215.56	458.93	110.43	1.317	Level 3, ES, SF
DRAKE 23N - ORIGINAL WELLBORE - PROPOSAL #1	18,121.45	8,594.11	452.65	119.01	1.357	Level 3, CC
DRAKE 24N - ORIGINAL WELLBORE - PROPOSAL #1	9,900.00	16,986.37	249.04	-12.65	0.952	Level 3, ES, SF
DRAKE 24N - ORIGINAL WELLBORE - PROPOSAL #1	18,121.45	8,764.93	247.72	-1.21	0.995	Level 3, CC
EXIST DD CRICKET C22-30D - Wellbore #1 - Wellbore #	7,800.00	6,759.25	55.24	-19.80	0.736	Level 3, ES, SF
EXIST DD CRICKET C22-30D - Wellbore #1 - Wellbore #	7,825.61	6,770.72	50.27	-1.73	0.967	Level 3, CC
EXIST HZ STOCKLEY C22-79HN - Wellbore #1 - Wellbo	7,500.00	6,555.17	107.19	63.50	2.453	SF
EXIST HZ STOCKLEY C22-79HN - Wellbore #1 - Wellbo	7,594.72	6,599.59	73.25	52.51	3.531	CC, ES
EXIST VERT CHENOWETH #21-2 - Wellbore #1 - Desig	9,737.20	6,767.95	587.47	373.84	2.750	CC, ES
EXIST VERT CHENOWETH #21-2 - Wellbore #1 - Desig	9,800.00	6,768.42	590.82	374.33	2.729	SF
EXIST VERT RYANN STATE C21-27 - Wellbore #1 - We	8,900.00	6,735.53	218.73	147.71	3.080	SF
EXIST VERT RYANN STATE C21-27 - Wellbore #1 - We	8,960.06	6,735.61	210.32	144.40	3.191	CC, ES
EXIST VERT THOUTT #1 - Wellbore #1 - Wellbore #1	4,347.10	3,672.62	32.30	-12.62	0.719	Level 3, CC, ES, SF

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