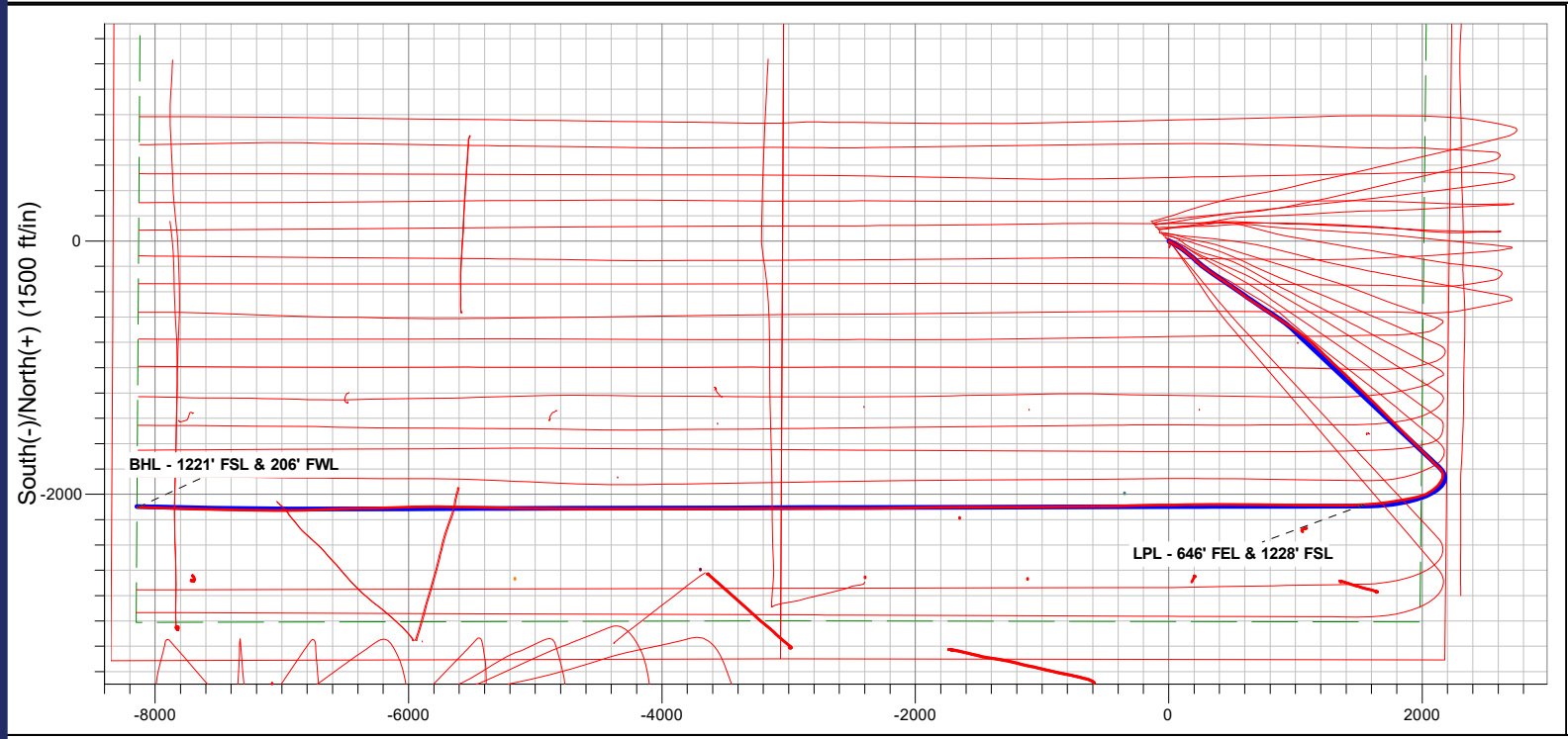
Chevron DJ Basin

GEORGE 19NA
George Pad
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4718.0

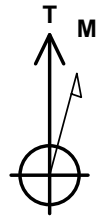
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1353446.62	3263785.65	40.299750	-104.554250

T41 - RKB 25' Well @ 4743.0ft (T41 - RKB 25')

ENSIGN Directional



George Pad
GEORGE 19NA
GEORGE 19NA
11:43, May 08 2024



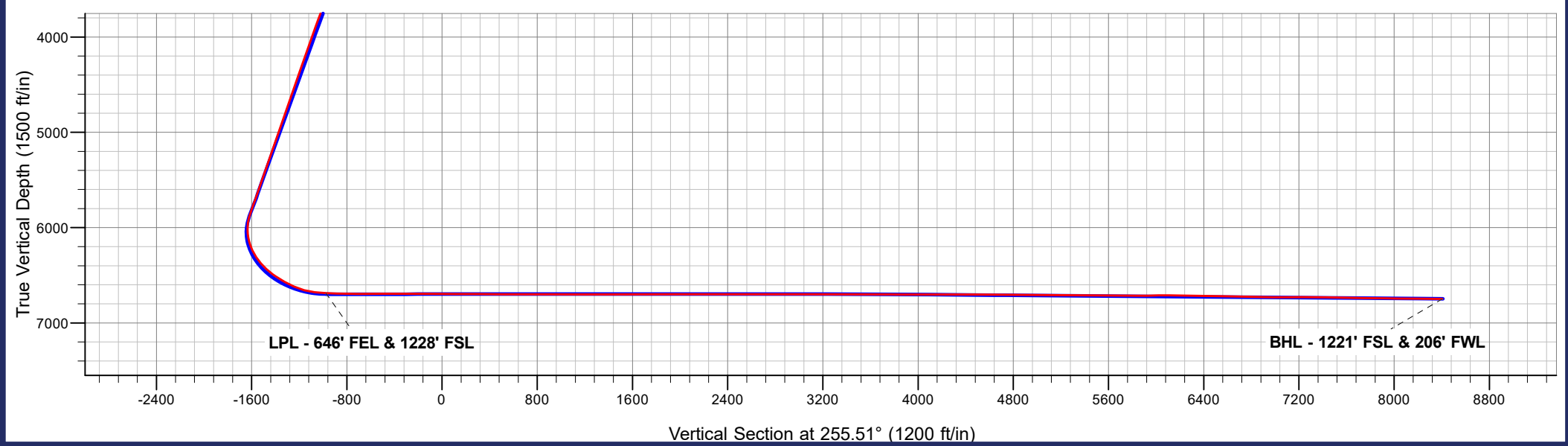
Azimuths to True North
Magnetic North: 7.65°

Magnetic Field
Strength: 51602.3nT
Dip Angle: 66.53°
Date: 04/04/2024
Model: HRGM

ANNOTATIONS

MD	TVD	Annotation
7771.0	6686.4	LPL - 646' FEL & 1228' FSL
17456.0	6748.6	BHL - 1221' FSL & 206' FWL

FINAL SURVEY
Projected Bottom Hole Location
17456.0' MD / 6748.6' TVD
89.21° INC / 271.50° AZM
1451' FSL / 205' FWL



Chevron DJ Basin

SEC.21-T4N-R64W
George Pad
GEORGE 19NA

GEORGE 19NA

Design: GEORGE 19NA

Survey Report - Geographic

08 May, 2024

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Well:	GEORGE 19NA	**North Reference:**	True
Wellbore:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 19NA	**Database:**	US_EDM

Project	SEC.21-T4N-R64W, Weld County, CO		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	George Pad				
Site Position:		**Northing:**	1,353,524.28 usft	**Latitude:**	40.299965
From:	Lat/Long	**Easting:**	3,263,715.11 usft	**Longitude:**	-104.554500
Position Uncertainty:	0.0 ft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.61 °

Well	GEORGE 19NA					
Well Position	**+N/-S**	0.0 ft	**Northing:**	1,353,446.62 usft	**Latitude:**	40.299750
	+E/-W	0.0 ft	**Easting:**	3,263,785.65 usft	**Longitude:**	-104.554250
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,718.0 ft

Wellbore	GEORGE 19NA				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	HRGM	04/04/2024	7.65	66.53	51,602.32059794

Design	GEORGE 19NA				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0.0	0.0	255.51

Survey Program **Date** 05/08/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,456.0	Survey #1 (GEORGE 19NA)	MWD+IFR1+SAG+MS	OWSG MWD + IFR1 + Sag + Multi-Station Corre

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	1,353,446.62	3,263,785.65	40.299750	-104.554250
208.0	2.99	132.64	207.9	-3.7	4.0	1,353,442.99	3,263,789.68	40.299740	-104.554236
300.0	4.48	115.06	299.7	-6.8	9.0	1,353,439.89	3,263,794.73	40.299731	-104.554218
394.0	5.45	109.79	393.4	-9.9	16.5	1,353,436.91	3,263,802.29	40.299723	-104.554191
488.0	6.95	114.36	486.8	-13.7	25.9	1,353,433.15	3,263,811.71	40.299712	-104.554157
582.0	9.67	122.27	579.8	-20.3	37.8	1,353,426.72	3,263,823.64	40.299694	-104.554115
677.0	12.93	123.32	673.0	-30.4	53.4	1,353,416.78	3,263,839.38	40.299666	-104.554059
771.0	14.16	121.57	764.3	-42.2	72.0	1,353,405.19	3,263,858.09	40.299634	-104.553992
864.0	15.04	121.57	854.3	-54.5	92.0	1,353,393.13	3,263,878.19	40.299600	-104.553921
958.0	15.92	127.72	944.9	-68.8	112.6	1,353,379.07	3,263,898.93	40.299561	-104.553847
1,052.0	18.47	128.25	1,034.7	-85.9	134.5	1,353,362.20	3,263,921.00	40.299514	-104.553768
1,145.0	22.16	128.42	1,121.9	-105.9	159.8	1,353,342.45	3,263,946.53	40.299459	-104.553678

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Well:	GEORGE 19NA	**North Reference:**	True
Wellbore:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 19NA	**Database:**	US_EDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,239.0	23.30	131.94	1,208.6	-129.3	187.5	1,353,319.30	3,263,974.50	40.299395	-104.553578
1,333.0	25.32	133.52	1,294.3	-155.6	215.9	1,353,293.34	3,264,003.19	40.299323	-104.553476
1,428.0	28.05	129.65	1,379.2	-183.9	247.8	1,353,265.43	3,264,035.42	40.299245	-104.553362
1,522.0	30.51	127.89	1,461.2	-212.6	283.7	1,353,237.05	3,264,071.58	40.299166	-104.553233
1,616.0	31.48	124.20	1,541.7	-241.1	322.8	1,353,209.02	3,264,111.01	40.299088	-104.553093
1,710.0	32.18	123.68	1,621.6	-268.7	364.0	1,353,181.79	3,264,152.43	40.299012	-104.552946
1,804.0	32.36	123.68	1,701.1	-296.6	405.7	1,353,154.40	3,264,194.49	40.298936	-104.552796
1,897.0	32.01	123.85	1,779.8	-324.1	446.9	1,353,127.31	3,264,235.96	40.298860	-104.552648
2,051.0	31.54	125.99	1,910.7	-370.5	513.4	1,353,081.62	3,264,302.94	40.298733	-104.552410
2,145.0	31.33	127.27	1,990.9	-399.8	552.7	1,353,052.80	3,264,342.59	40.298653	-104.552269
2,239.0	29.17	125.93	2,072.1	-428.0	590.7	1,353,024.96	3,264,380.89	40.298575	-104.552133
2,333.0	29.54	125.76	2,154.0	-455.0	628.1	1,352,998.38	3,264,418.52	40.298501	-104.551999
2,426.0	28.82	123.84	2,235.2	-480.9	665.3	1,352,972.89	3,264,456.02	40.298430	-104.551865
2,520.0	28.80	121.52	2,317.6	-505.3	703.4	1,352,948.85	3,264,494.40	40.298363	-104.551729
2,614.0	28.22	124.32	2,400.2	-529.7	741.1	1,352,924.88	3,264,532.31	40.298296	-104.551594
2,708.0	29.39	123.75	2,482.6	-555.0	778.6	1,352,899.94	3,264,570.11	40.298226	-104.551459
2,803.0	29.65	125.02	2,565.3	-581.5	817.3	1,352,873.92	3,264,609.02	40.298154	-104.551321
2,897.0	27.68	121.63	2,647.7	-606.3	854.9	1,352,849.53	3,264,646.92	40.298086	-104.551186
2,990.0	28.18	123.56	2,729.9	-629.7	891.6	1,352,826.45	3,264,683.86	40.298021	-104.551054
3,084.0	28.87	123.57	2,812.5	-654.6	929.0	1,352,802.03	3,264,721.52	40.297953	-104.550920
3,177.0	28.18	123.81	2,894.2	-679.2	965.9	1,352,777.80	3,264,758.73	40.297885	-104.550788
3,271.0	28.52	126.16	2,976.9	-704.8	1,002.5	1,352,752.60	3,264,795.56	40.297815	-104.550656
3,365.0	27.50	125.53	3,059.9	-730.6	1,038.3	1,352,727.13	3,264,831.62	40.297744	-104.550528
3,459.0	27.35	126.97	3,143.4	-756.2	1,073.2	1,352,701.91	3,264,866.80	40.297674	-104.550403
3,553.0	28.30	132.76	3,226.5	-784.4	1,106.8	1,352,674.15	3,264,900.71	40.297597	-104.550282
3,648.0	27.52	131.95	3,310.5	-814.3	1,139.7	1,352,644.54	3,264,933.89	40.297515	-104.550165
3,742.0	27.53	131.37	3,393.8	-843.2	1,172.1	1,352,616.01	3,264,966.65	40.297435	-104.550048
3,835.0	27.84	135.39	3,476.2	-872.9	1,203.5	1,352,586.68	3,264,998.34	40.297354	-104.549936
3,929.0	27.68	134.71	3,559.4	-903.8	1,234.4	1,352,556.03	3,265,029.60	40.297269	-104.549825
4,024.0	28.35	133.72	3,643.2	-935.0	1,266.4	1,352,525.26	3,265,061.91	40.297183	-104.549710
4,118.0	28.09	133.68	3,726.0	-965.7	1,298.6	1,352,494.90	3,265,094.37	40.297099	-104.549595
4,211.0	27.92	133.52	3,808.2	-995.8	1,330.2	1,352,465.12	3,265,126.31	40.297016	-104.549482
4,305.0	28.27	133.56	3,891.1	-1,026.3	1,362.3	1,352,434.98	3,265,158.72	40.296933	-104.549367
4,399.0	28.45	132.45	3,973.8	-1,056.7	1,394.9	1,352,404.87	3,265,191.70	40.296849	-104.549250
4,493.0	28.48	132.66	4,056.4	-1,087.0	1,427.9	1,352,374.93	3,265,225.02	40.296766	-104.549131
4,588.0	28.88	134.22	4,139.8	-1,118.4	1,461.0	1,352,343.94	3,265,258.45	40.296680	-104.549013
4,681.0	28.37	135.55	4,221.4	-1,149.8	1,492.6	1,352,312.84	3,265,290.35	40.296594	-104.548900
4,774.0	28.31	135.52	4,303.3	-1,181.3	1,523.5	1,352,281.67	3,265,321.61	40.296507	-104.548789
4,867.0	28.76	134.25	4,385.0	-1,212.7	1,555.0	1,352,250.66	3,265,353.42	40.296421	-104.548676
4,962.0	28.08	134.35	4,468.5	-1,244.2	1,587.4	1,352,219.43	3,265,386.11	40.296334	-104.548560
5,056.0	28.08	134.59	4,551.5	-1,275.2	1,618.9	1,352,188.77	3,265,418.01	40.296249	-104.548447
5,149.0	29.14	135.24	4,633.1	-1,306.7	1,650.5	1,352,157.67	3,265,449.87	40.296163	-104.548334
5,242.0	29.41	135.79	4,714.2	-1,339.1	1,682.3	1,352,125.57	3,265,482.08	40.296074	-104.548219
5,336.0	29.25	135.31	4,796.2	-1,372.0	1,714.6	1,352,093.04	3,265,514.67	40.295984	-104.548104
5,429.0	28.73	134.16	4,877.5	-1,403.7	1,746.6	1,352,061.66	3,265,547.02	40.295897	-104.547989
5,523.0	28.70	134.59	4,960.0	-1,435.3	1,778.9	1,352,030.43	3,265,579.64	40.295810	-104.547873
5,616.0	28.98	135.79	5,041.4	-1,467.1	1,810.5	1,351,998.94	3,265,611.59	40.295722	-104.547760
5,710.0	28.70	135.55	5,123.8	-1,499.6	1,842.2	1,351,966.85	3,265,643.61	40.295633	-104.547646
5,803.0	28.77	135.35	5,205.3	-1,531.4	1,873.5	1,351,935.32	3,265,675.32	40.295546	-104.547534
5,897.0	28.58	135.26	5,287.8	-1,563.5	1,905.3	1,351,903.60	3,265,707.38	40.295458	-104.547420
5,990.0	29.14	135.18	5,369.2	-1,595.4	1,936.9	1,351,872.08	3,265,739.33	40.295370	-104.547307
6,082.0	28.83	135.37	5,449.7	-1,627.0	1,968.2	1,351,840.74	3,265,771.04	40.295284	-104.547195
6,176.0	28.87	134.47	5,532.0	-1,659.1	2,000.4	1,351,809.06	3,265,803.50	40.295196	-104.547079
6,270.0	29.08	135.60	5,614.3	-1,691.3	2,032.5	1,351,777.19	3,265,836.01	40.295107	-104.546964
6,364.0	29.42	135.26	5,696.3	-1,724.0	2,064.8	1,351,744.82	3,265,868.59	40.295017	-104.546849

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Well:	GEORGE 19NA	**North Reference:**	True
Wellbore:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 19NA	**Database:**	US_EDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,458.0	29.06	134.65	5,778.3	-1,756.4	2,097.3	1,351,712.73	3,265,901.43	40.294928	-104.546732
6,552.0	24.99	130.50	5,862.0	-1,785.4	2,128.6	1,351,684.11	3,265,933.09	40.294849	-104.546620
6,645.0	20.98	147.39	5,947.7	-1,812.2	2,152.6	1,351,657.54	3,265,957.32	40.294775	-104.546534
6,739.0	19.41	172.17	6,036.1	-1,841.9	2,163.8	1,351,627.96	3,265,968.85	40.294694	-104.546494
6,833.0	18.23	199.43	6,125.3	-1,871.3	2,161.0	1,351,598.54	3,265,966.40	40.294613	-104.546504
6,927.0	23.20	213.31	6,213.2	-1,900.7	2,145.9	1,351,569.01	3,265,951.63	40.294532	-104.546558
7,020.0	30.85	223.08	6,296.0	-1,933.5	2,119.5	1,351,535.94	3,265,925.59	40.294442	-104.546652
7,114.0	36.62	232.49	6,374.2	-1,968.2	2,080.8	1,351,500.80	3,265,887.20	40.294347	-104.546791
7,207.0	43.17	244.93	6,445.7	-1,998.7	2,029.8	1,351,469.81	3,265,836.57	40.294263	-104.546974
7,301.0	49.42	256.84	6,510.7	-2,020.5	1,965.7	1,351,447.31	3,265,772.75	40.294204	-104.547204
7,395.0	54.70	259.89	6,568.5	-2,035.4	1,893.2	1,351,431.67	3,265,700.33	40.294163	-104.547464
7,489.0	60.98	260.80	6,618.5	-2,048.7	1,814.8	1,351,417.51	3,265,622.06	40.294126	-104.547745
7,583.0	71.89	260.63	6,656.0	-2,062.6	1,729.8	1,351,402.72	3,265,537.32	40.294088	-104.548049
7,677.0	81.93	264.33	6,677.3	-2,074.5	1,639.2	1,351,389.85	3,265,446.81	40.294055	-104.548374
7,771.0	86.98	267.69	6,686.4	-2,081.0	1,545.9	1,351,382.36	3,265,353.60	40.294038	-104.548709
LPL - 646' FEL & 1228' FSL									
7,865.0	87.17	267.33	6,691.2	-2,085.0	1,452.1	1,351,377.28	3,265,259.86	40.294026	-104.549045
8,053.0	90.14	271.21	6,695.6	-2,087.4	1,264.2	1,351,372.89	3,265,072.03	40.294020	-104.549718
8,147.0	90.43	270.73	6,695.1	-2,085.8	1,170.3	1,351,373.48	3,264,978.04	40.294024	-104.550055
8,241.0	90.38	270.29	6,694.4	-2,085.0	1,076.3	1,351,373.31	3,264,884.05	40.294027	-104.550392
8,334.0	90.61	271.04	6,693.6	-2,083.9	983.3	1,351,373.40	3,264,791.05	40.294030	-104.550726
8,429.0	90.19	270.50	6,693.0	-2,082.6	888.3	1,351,373.67	3,264,696.06	40.294033	-104.551066
8,522.0	89.69	271.32	6,693.1	-2,081.2	795.3	1,351,374.15	3,264,603.07	40.294037	-104.551399
8,617.0	88.01	270.12	6,695.0	-2,080.0	700.3	1,351,374.33	3,264,508.10	40.294040	-104.551740
8,711.0	89.55	270.04	6,697.0	-2,079.8	606.4	1,351,373.46	3,264,414.13	40.294041	-104.552077
8,898.0	90.08	269.80	6,697.6	-2,080.1	419.4	1,351,371.20	3,264,227.15	40.294040	-104.552747
8,991.0	89.93	269.75	6,697.6	-2,080.5	326.4	1,351,369.85	3,264,134.17	40.294039	-104.553080
9,086.0	89.83	270.17	6,697.8	-2,080.5	231.4	1,351,368.77	3,264,039.18	40.294039	-104.553421
9,179.0	89.35	268.46	6,698.4	-2,081.6	138.4	1,351,366.67	3,263,946.21	40.294036	-104.553754
9,273.0	90.30	270.45	6,698.7	-2,082.5	44.4	1,351,364.77	3,263,852.24	40.294033	-104.554091
9,366.0	89.72	268.83	6,698.7	-2,083.1	-48.6	1,351,363.19	3,263,759.26	40.294032	-104.554425
9,460.0	89.92	268.44	6,699.0	-2,085.4	-142.6	1,351,359.95	3,263,665.32	40.294026	-104.554761
9,553.0	89.90	268.56	6,699.2	-2,087.8	-235.5	1,351,356.53	3,263,572.39	40.294019	-104.555095
9,647.0	89.71	268.58	6,699.5	-2,090.1	-329.5	1,351,353.18	3,263,478.46	40.294013	-104.555432
9,741.0	89.89	269.28	6,699.8	-2,091.9	-423.5	1,351,350.42	3,263,384.50	40.294008	-104.555769
9,835.0	90.03	268.66	6,699.9	-2,093.6	-517.5	1,351,347.73	3,263,290.54	40.294003	-104.556105
9,928.0	89.73	269.03	6,700.1	-2,095.5	-610.5	1,351,344.86	3,263,197.59	40.293998	-104.556439
10,023.0	89.99	269.29	6,700.3	-2,096.9	-705.5	1,351,342.46	3,263,102.63	40.293994	-104.556779
10,117.0	89.94	269.16	6,700.4	-2,098.1	-799.4	1,351,340.18	3,263,008.66	40.293991	-104.557116
10,210.0	90.31	270.06	6,700.1	-2,098.8	-892.4	1,351,338.56	3,262,915.68	40.293989	-104.557450
10,398.0	89.99	269.27	6,699.7	-2,099.9	-1,080.4	1,351,335.45	3,262,727.72	40.293986	-104.558123
10,492.0	89.97	269.74	6,699.7	-2,100.7	-1,174.4	1,351,333.64	3,262,633.74	40.293984	-104.558460
10,585.0	90.52	270.18	6,699.3	-2,100.7	-1,267.4	1,351,332.58	3,262,540.75	40.293983	-104.558794
10,680.0	90.02	269.80	6,698.8	-2,100.8	-1,362.4	1,351,331.55	3,262,445.76	40.293983	-104.559134
10,868.0	90.19	269.54	6,698.5	-2,101.8	-1,550.4	1,351,328.47	3,262,257.80	40.293980	-104.559808
10,961.0	90.08	269.67	6,698.3	-2,102.5	-1,643.4	1,351,326.83	3,262,164.81	40.293979	-104.560142
11,055.0	90.26	269.91	6,698.0	-2,102.8	-1,737.4	1,351,325.49	3,262,070.83	40.293978	-104.560479
11,149.0	89.79	269.86	6,698.0	-2,103.0	-1,831.4	1,351,324.30	3,261,976.84	40.293977	-104.560816
11,243.0	89.89	269.28	6,698.2	-2,103.7	-1,925.4	1,351,322.59	3,261,882.86	40.293975	-104.561153
11,337.0	89.74	268.82	6,698.5	-2,105.3	-2,019.4	1,351,320.03	3,261,788.90	40.293971	-104.561489
11,431.0	90.88	268.92	6,698.0	-2,107.1	-2,113.4	1,351,317.17	3,261,694.95	40.293966	-104.561826
11,526.0	89.54	269.41	6,697.7	-2,108.5	-2,208.4	1,351,314.77	3,261,599.99	40.293962	-104.562167
11,620.0	89.91	269.36	6,698.1	-2,109.5	-2,302.4	1,351,312.76	3,261,506.02	40.293959	-104.562504
11,714.0	90.11	269.33	6,698.1	-2,110.6	-2,396.4	1,351,310.69	3,261,412.04	40.293956	-104.562841
11,808.0	89.79	269.79	6,698.2	-2,111.3	-2,490.4	1,351,308.96	3,261,318.06	40.293954	-104.563178

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Well:	GEORGE 19NA	**North Reference:**	True
Wellbore:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 19NA	**Database:**	US_EDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,902.0	90.01	270.46	6,698.4	-2,111.1	-2,584.4	1,351,308.16	3,261,224.07	40.293955	-104.563515
11,996.0	89.68	269.75	6,698.6	-2,110.9	-2,678.4	1,351,307.33	3,261,130.08	40.293955	-104.563852
12,090.0	89.68	269.72	6,699.1	-2,111.4	-2,772.3	1,351,305.90	3,261,036.10	40.293954	-104.564189
12,184.0	89.67	269.93	6,699.7	-2,111.7	-2,866.3	1,351,304.61	3,260,942.11	40.293953	-104.564526
12,371.0	90.31	270.35	6,699.7	-2,111.2	-3,053.3	1,351,303.07	3,260,755.13	40.293954	-104.565196
12,465.0	89.71	268.48	6,699.7	-2,112.2	-3,147.3	1,351,301.11	3,260,661.16	40.293952	-104.565533
12,559.0	89.82	270.00	6,700.1	-2,113.4	-3,241.3	1,351,298.86	3,260,567.19	40.293948	-104.565870
12,653.0	89.51	269.47	6,700.6	-2,113.8	-3,335.3	1,351,297.42	3,260,473.21	40.293947	-104.566207
12,746.0	89.92	269.52	6,701.1	-2,114.7	-3,428.3	1,351,295.61	3,260,380.23	40.293945	-104.566540
12,840.0	89.86	269.94	6,701.3	-2,115.1	-3,522.3	1,351,294.16	3,260,286.25	40.293943	-104.566877
12,933.0	90.23	270.50	6,701.2	-2,114.7	-3,615.3	1,351,293.53	3,260,193.26	40.293944	-104.567210
13,028.0	90.01	269.75	6,701.0	-2,114.5	-3,710.3	1,351,292.72	3,260,098.26	40.293945	-104.567551
13,121.0	89.72	269.88	6,701.2	-2,114.8	-3,803.3	1,351,291.43	3,260,005.28	40.293944	-104.567884
13,215.0	89.50	269.63	6,701.8	-2,115.2	-3,897.3	1,351,290.03	3,259,911.29	40.293943	-104.568221
13,309.0	90.00	270.18	6,702.3	-2,115.4	-3,991.3	1,351,288.87	3,259,817.31	40.293942	-104.568558
13,402.0	90.17	270.10	6,702.1	-2,115.2	-4,084.3	1,351,288.11	3,259,724.31	40.293943	-104.568892
13,496.0	89.66	270.28	6,702.3	-2,114.9	-4,178.3	1,351,287.41	3,259,630.32	40.293944	-104.569229
13,590.0	89.37	269.81	6,703.1	-2,114.8	-4,272.3	1,351,286.49	3,259,536.33	40.293944	-104.569566
13,684.0	89.13	269.55	6,704.3	-2,115.3	-4,366.3	1,351,284.96	3,259,442.36	40.293942	-104.569902
13,778.0	89.62	270.64	6,705.3	-2,115.2	-4,460.3	1,351,284.11	3,259,348.37	40.293943	-104.570239
13,872.0	89.46	269.79	6,706.1	-2,114.8	-4,554.3	1,351,283.46	3,259,254.38	40.293944	-104.570576
13,965.0	89.11	269.52	6,707.2	-2,115.4	-4,647.3	1,351,281.91	3,259,161.41	40.293942	-104.570910
14,059.0	88.99	269.99	6,708.8	-2,115.8	-4,741.3	1,351,280.51	3,259,067.44	40.293941	-104.571247
14,152.0	89.38	270.71	6,710.1	-2,115.2	-4,834.2	1,351,280.08	3,258,974.45	40.293942	-104.571580
14,246.0	90.18	270.77	6,710.5	-2,114.0	-4,928.2	1,351,280.29	3,258,880.46	40.293946	-104.571917
14,340.0	90.15	271.27	6,710.2	-2,112.3	-5,022.2	1,351,280.96	3,258,786.47	40.293950	-104.572254
14,434.0	90.36	271.41	6,709.8	-2,110.1	-5,116.2	1,351,282.16	3,258,692.48	40.293956	-104.572591
14,527.0	88.61	270.10	6,710.6	-2,108.9	-5,209.2	1,351,282.39	3,258,599.49	40.293960	-104.572924
14,620.0	88.56	271.70	6,712.9	-2,107.4	-5,302.1	1,351,282.86	3,258,506.53	40.293964	-104.573257
14,713.0	89.55	272.01	6,714.4	-2,104.4	-5,395.1	1,351,284.88	3,258,413.57	40.293972	-104.573590
14,807.0	90.61	271.78	6,714.3	-2,101.3	-5,489.0	1,351,286.99	3,258,319.60	40.293980	-104.573927
14,901.0	90.63	270.80	6,713.3	-2,099.2	-5,583.0	1,351,288.10	3,258,225.62	40.293986	-104.574264
14,995.0	91.60	270.87	6,711.5	-2,097.8	-5,677.0	1,351,288.47	3,258,131.64	40.293990	-104.574601
15,090.0	88.89	270.63	6,711.1	-2,096.6	-5,771.9	1,351,288.70	3,258,036.65	40.293993	-104.574941
15,184.0	88.87	269.42	6,712.9	-2,096.5	-5,865.9	1,351,287.74	3,257,942.68	40.293993	-104.575278
15,277.0	88.77	267.24	6,714.8	-2,099.2	-5,958.9	1,351,284.04	3,257,849.79	40.293986	-104.575611
15,372.0	88.80	268.88	6,716.8	-2,102.5	-6,053.8	1,351,279.81	3,257,754.91	40.293977	-104.575952
15,466.0	89.00	268.85	6,718.6	-2,104.3	-6,147.7	1,351,276.95	3,257,660.97	40.293971	-104.576289
15,560.0	88.90	268.48	6,720.4	-2,106.5	-6,241.7	1,351,273.76	3,257,567.05	40.293965	-104.576625
15,654.0	88.79	268.61	6,722.2	-2,108.9	-6,335.6	1,351,270.37	3,257,473.13	40.293959	-104.576962
15,749.0	88.52	267.64	6,724.5	-2,112.0	-6,430.6	1,351,266.25	3,257,378.25	40.293950	-104.577302
15,936.0	88.55	268.57	6,729.3	-2,118.2	-6,617.4	1,351,258.07	3,257,191.50	40.293933	-104.577972
16,030.0	89.78	267.80	6,730.6	-2,121.2	-6,711.3	1,351,254.10	3,257,097.61	40.293925	-104.578309
16,124.0	90.40	268.19	6,730.5	-2,124.5	-6,805.3	1,351,249.81	3,257,003.71	40.293916	-104.578646
16,218.0	91.48	268.23	6,728.9	-2,127.4	-6,899.2	1,351,245.87	3,256,909.81	40.293908	-104.578982
16,313.0	88.58	270.40	6,728.9	-2,128.5	-6,994.2	1,351,243.72	3,256,814.85	40.293904	-104.579323
16,407.0	88.79	270.76	6,731.0	-2,127.6	-7,088.2	1,351,243.67	3,256,720.88	40.293907	-104.579660
16,501.0	88.87	270.91	6,733.0	-2,126.2	-7,182.1	1,351,244.04	3,256,626.91	40.293911	-104.579997
16,595.0	88.63	271.12	6,735.0	-2,124.5	-7,276.1	1,351,244.70	3,256,532.94	40.293915	-104.580333
16,688.0	88.71	271.08	6,737.2	-2,122.8	-7,369.1	1,351,245.49	3,256,439.97	40.293920	-104.580667
16,781.0	89.04	271.06	6,739.0	-2,121.0	-7,462.0	1,351,246.24	3,256,346.99	40.293925	-104.581000
16,875.0	89.18	270.92	6,740.5	-2,119.4	-7,556.0	1,351,246.86	3,256,253.01	40.293929	-104.581337
16,969.0	89.23	271.67	6,741.8	-2,117.3	-7,650.0	1,351,247.98	3,256,159.03	40.293935	-104.581674
17,063.0	89.20	271.85	6,743.1	-2,114.4	-7,743.9	1,351,249.86	3,256,065.06	40.293943	-104.582010
17,251.0	89.18	271.93	6,745.7	-2,108.2	-7,931.8	1,351,254.06	3,255,877.14	40.293959	-104.582684

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Well:	GEORGE 19NA	**North Reference:**	True
Wellbore:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 19NA	**Database:**	US_EDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
17,428.0	89.21	271.50	6,748.2	-2,102.9	-8,108.7	1,351,257.47	3,255,700.20	40.293974	-104.583318
17,456.0	89.21	271.50	6,748.6	-2,102.2	-8,136.7	1,351,257.90	3,255,672.20	40.293976	-104.583418
BHL - 1221' FSL & 206' FWL									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
50.0	50.0	13 3/8"	13-3/8	17-1/2

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
7,771.0	6,686.4	-2,081.0	1,545.9	LPL - 646' FEL & 1228' FSL
17,456.0	6,748.6	-2,102.2	-8,136.7	BHL - 1221' FSL & 206' FWL

Checked By: _____ Approved By: _____ Date: _____

Chevron DJ Basin

SEC.21-T4N-R64W
George Pad
GEORGE 19NA

GEORGE 19NA
GEORGE 19NA

Anticollision Summary Report

08 May, 2024

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Reference Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 19NA	**Database:**	US_EDM
Reference Design:	GEORGE 19NA	**Offset TVD Reference:**	Offset Datum

Reference	GEORGE 19NA		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum ellipse separation of 1,000.0 ft	**Error Surface:**	Combined Pedal Curve
Warning Levels Evaluated at:	3.50 **Sigma**	**Casing Method:**	N/A Unknown

Survey Program **Date** 05/08/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,456.0	Survey #1 (GEORGE 19NA)	MWD+IFR1+SAG+MS	OWSG MWD + IFR1 + Sag + Multi-Station Corre

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Balboa C20-24D Pad Sec.20-T4N-R64W						
Balboa C20-24D - Wellbore #1 - Wellbore #1	14,923.9	6,901.3	146.4	-31.7	0.819	Shut in, CC, ES, SF
Chenoweth C20-25D - Wellbore #1 - Wellbore #1	16,352.1	7,013.1	65.3	-144.9	0.303	Unacceptable Path, CC, E
George Offsets South						
Guttersen C28-785 - Guttersen C28-785 - Guttersen C28	12,064.9	17,519.0	1,395.3	1,267.3	11.095	CC, ES
Guttersen C28-785 - Guttersen C28-785 - Guttersen C28	12,400.0	17,519.0	1,436.5	1,303.4	10.973	SF
JOHNSON C32-715 - JOHNSON C32-715 - JOHNSON (	12,965.9	7,039.8	1,078.2	935.5	7.670	CC, ES
JOHNSON C32-715 - JOHNSON C32-715 - JOHNSON (	13,100.0	7,017.8	1,085.7	941.6	7.648	SF
JOHNSON C32-725 - JOHNSON C32-725 - JOHNSON (	13,580.7	6,735.1	1,046.2	897.8	7.153	CC
JOHNSON C32-725 - JOHNSON C32-725 - JOHNSON (	13,600.0	6,732.7	1,046.3	897.7	7.140	ES, SF
JOHNSON C32-735 - JOHNSON C32-735 - JOHNSON (	14,154.3	6,603.0	1,100.4	939.7	6.938	CC, ES
JOHNSON C32-735 - JOHNSON C32-735 - JOHNSON (	14,200.0	6,603.0	1,101.6	940.0	6.906	SF
JOHNSON C32-745 - JOHNSON C32-745 - JOHNSON (	14,697.2	6,509.0	1,112.6	941.9	6.596	CC
JOHNSON C32-745 - JOHNSON C32-745 - JOHNSON (	14,716.4	6,509.0	1,113.0	941.8	6.580	ES
JOHNSON C32-745 - JOHNSON C32-745 - JOHNSON (	14,800.0	6,509.0	1,117.2	944.5	6.545	SF
JOHNSON C32-755 - JOHNSON C32-755 - JOHNSON (	15,475.1	6,606.0	1,139.9	955.5	6.252	CC
JOHNSON C32-755 - JOHNSON C32-755 - JOHNSON (	15,500.0	6,606.0	1,140.2	955.4	6.239	ES, SF
JOHNSON C32-765 - JOHNSON C32-765 - JOHNSON (	16,100.0	6,558.7	1,108.8	911.4	5.674	CC, ES, SF
JOHNSON C32-775 - JOHNSON C32-775 - JOHNSON (	16,623.0	6,509.0	1,122.2	915.5	5.483	CC
JOHNSON C32-775 - JOHNSON C32-775 - JOHNSON (	16,623.0	6,509.0	1,122.2	915.5	5.483	ES
JOHNSON C32-775 - JOHNSON C32-775 - JOHNSON (	16,700.0	6,509.0	1,124.8	916.6	5.455	SF
JOHNSON C32-785 - JOHNSON C32-785 - JOHNSON (	17,201.9	6,604.0	1,115.6	895.4	5.111	CC
JOHNSON C32-785 - JOHNSON C32-785 - JOHNSON (	17,216.2	6,604.0	1,115.7	895.1	5.102	ES
JOHNSON C32-785 - JOHNSON C32-785 - JOHNSON (	17,300.0	6,604.0	1,119.9	897.7	5.085	SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Reference Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 19NA	**Database:**	US_EDM
Reference Design:	GEORGE 19NA	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
George Pad						
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	0.0	0.0	210.0			
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	1,100.0	1,116.1	349.7	336.7	32.957	SF
GEORGE 06N - GEORGE 06N - GEORGE 06N Final Su	0.0	0.0	195.1			
GEORGE 06N - GEORGE 06N - GEORGE 06N Final Su	3,300.0	3,224.7	984.1	947.7	28.911	SF
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA Fina	0.0	0.0	179.9			
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA Fina	3,800.0	3,751.0	1,149.9	1,107.1	28.379	SF
GEORGE 08N - GEORGE 08N - GEORGE 08N Final Su	0.0	0.0	165.0			
GEORGE 08N - GEORGE 08N - GEORGE 08N Final Su	1,200.0	1,230.1	285.1	271.1	24.439	SF
GEORGE 09N - GEORGE 09N - GEORGE 09N Final Su	0.0	0.0	150.0			
GEORGE 09N - GEORGE 09N - GEORGE 09N Final Su	3,800.0	3,782.3	988.6	944.5	23.682	SF
GEORGE 10N - GEORGE 10N - GEORGE 10N Final Su	0.0	0.0	135.0			
GEORGE 10N - GEORGE 10N - GEORGE 10N Final Su	9,200.0	9,688.0	1,944.0	1,835.1	18.230	SF
GEORGE 11N - GEORGE 11N - GEORGE 11N Final Su	0.0	0.0	120.0			
GEORGE 11N - GEORGE 11N - GEORGE 11N Final Su	17,456.0	17,992.0	1,768.5	1,434.5	5.327	SF
GEORGE 12N - GEORGE 12N - GEORGE 12N Final Su	0.0	0.0	105.0			
GEORGE 12N - GEORGE 12N - GEORGE 12N Final Su	17,456.0	18,041.5	1,540.6	1,204.4	4.609	SF
GEORGE 13N - GEORGE 13N - GEORGE 13N Final Su	0.0	0.0	90.0			
GEORGE 13N - GEORGE 13N - GEORGE 13N Final Su	17,456.0	17,319.0	1,330.6	1,007.5	4.141	SF
GEORGE 14N - GEORGE 14N - GEORGE 14N Final Su	0.0	0.0	74.9			
GEORGE 14N - GEORGE 14N - GEORGE 14N Final Su	17,456.0	17,309.8	1,114.3	790.6	3.461	SF
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Fina	0.0	0.0	60.0			
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Fina	17,456.0	17,369.9	878.9	557.1	2.743	SF
GEORGE 16N - GEORGE 16N - GEORGE 16N Final Su	0.0	0.0	45.0			
GEORGE 16N - GEORGE 16N - GEORGE 16N Final Su	17,456.0	17,408.5	654.0	333.1	2.046	SF
GEORGE 17N - George 17N - George 17N Final Survey	0.0	0.0	30.2			
GEORGE 17N - George 17N - George 17N Final Survey	17,456.0	17,397.0	451.1	128.1	1.399	Collision Monitoring, SF
GEORGE 18N - GEORGE 18N - GEORGE 18N Final Su	500.0	501.6	14.2	5.1	1.758	CC
GEORGE 18N - GEORGE 18N - GEORGE 18N Final Su	17,456.0	17,506.0	253.7	-57.6	0.814	Shut in, ES, SF
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	10,699.7	10,734.6	0.7	-56.4	-0.031	Unacceptable Path, SF
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	10,830.5	10,865.4	0.7	-71.2	-0.025	Unacceptable Path, CC
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	17,200.0	17,233.6	8.6	-283.1	0.021	Unacceptable Path, ES
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #2	300.1	299.3	10.9	2.6	1.427	Collision Monitoring, CC
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #2	17,456.0	27,156.1	223.9	-132.7	0.626	Authorization, ES, SF
GEORGE 21N - GEORGE 21N - George 21N Plan #2 4-	352.0	350.7	22.5	14.0	3.234	CC, ES, SF
GEORGE 22N - GEORGE 22N - GEORGE 22N Plan #2	303.9	300.9	40.9	32.3	6.300	CC, ES
GEORGE 22N - GEORGE 22N - GEORGE 22N Plan #2	17,456.0	17,662.3	651.9	329.5	2.030	SF
GEORGE 23N - GEORGE 23N - GEORGE 23N Plan #2	307.2	303.1	55.6	47.2	8.925	CC, ES
GEORGE 23N - GEORGE 23N - GEORGE 23N Plan #2	17,456.0	17,836.3	834.8	292.3	1.541	SF
Hanscome C28-30D Pad SEC.20-T4N-R64W						
Hanscome C28-30D - Hanscome C28-30D - Hanscome (	12,302.9	6,828.0	1,104.7	977.7	8.851	CC, ES
Hanscome C28-30D - Hanscome C28-30D - Hanscome (	12,400.0	6,829.2	1,109.0	981.1	8.821	SF
Hanscome C29-27D 03-24-09 - Hanscome C29-27D - Ha	13,700.0	6,838.0	1,058.8	904.6	6.958	CC
Hanscome C29-27D 03-24-09 - Hanscome C29-27D - Ha	13,700.0	6,838.0	1,058.8	904.6	6.958	ES
Hanscome C29-27D 03-24-09 - Hanscome C29-27D - Ha	13,800.0	6,838.3	1,064.5	908.9	6.934	SF
Hanscome Pad Sec.28-T4N-R64W						
Hanscome C28-29D 03-25-09 - Hanscome C28-29D - Ha	11,032.4	6,866.0	1,127.8	1,019.3	10.610	CC, ES
Hanscome C28-29D 03-25-09 - Hanscome C28-29D - Ha	11,100.0	6,864.0	1,129.9	1,020.9	10.582	SF
Long C20-18 Pad Sec.20-T4N-R64W						
Long C20-21D - Wellbore #1 - Wellbore #1	14,920.7	6,935.8	1,533.3	1,355.2	8.712	CC, ES
Long C20-21D - Wellbore #1 - Wellbore #1	15,100.0	6,932.4	1,543.9	1,363.2	8.648	SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Reference Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 19NA	**Database:**	US_EDM
Reference Design:	GEORGE 19NA	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Novacek C28-27D Pad Sec.21-T4N-R64W						
Leonard C 21-16 (Exist.) - Wellbore #1 - Wellbore #1 surv	7,600.0	6,649.5	708.0	644.9	11.619	SF
Leonard C 21-16 (Exist.) - Wellbore #1 - Wellbore #1 surv	7,724.1	6,676.4	693.4	632.5	11.827	CC, ES
SEC.15-T4N-R64W (Existing)						
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,225.7	10,440.0	384.5	268.6	3.367	CC
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,300.0	10,456.2	395.5	265.9	3.092	ES, SF
SEC.19-T4N-R64W (Exist)						
VCTOR C19-9 - VICTOR C19-9 - VICTOR C19-9	17,456.0	6,791.7	1,230.3	1,059.6	7.296	CC, ES, SF
VICTOR C19-16 (Vert) - VICTOR C19-16 - VICTOR C19	17,456.0	6,826.6	1,006.2	508.7	2.028	CC, ES, SF
SEC.20-T4N-R64W (Exist)						
BALBOA 20-1 (Vert) - BALBOA 20-1 - BALBOA 20-1	13,014.3	6,716.0	475.4	-15.3	0.969	Shut in, CC, ES, SF
BALBOA 20-3 - BALBOA 20-3 - BALBOA 20-3	14,155.6	6,719.0	776.1	614.3	4.855	CC, ES
BALBOA 20-3 - BALBOA 20-3 - BALBOA 20-3	14,200.0	6,719.4	777.1	614.7	4.841	SF
BALBOA C-20-2 (Vert) - BALBOA C-20-2 - BALBOA C-2(	12,880.5	6,693.2	675.2	538.4	5.007	CC
BALBOA C-20-2 (Vert) - BALBOA C-20-2 - BALBOA C-2(	12,900.0	6,693.3	675.5	538.3	4.994	ES, SF
BALBOA C20-23 (Vert) - BALBOA C20-23 - BALBOA C2	13,665.5	6,711.0	250.3	98.0	1.654	CC, ES, SF
BALBOA C20-24D - BALBOA C20-24D - BALBOA 20C-2	14,932.4	6,901.0	149.9	-28.4	0.839	Shut in, CC, ES, SF
BALBOA C20-4 (Vert) - BALBOA C20-4 - BALBOA C20-4	14,471.5	6,722.1	552.9	384.3	3.314	CC, ES
BALBOA C20-4 (Vert) - BALBOA C20-4 - BALBOA C20-4	14,500.0	6,722.1	553.9	384.9	3.312	SF
BALBOA C20-9X - BALBOA C20-9X - BALBOA C20-9X	12,901.6	6,720.7	950.4	813.5	7.054	CC, ES
BALBOA C20-9X - BALBOA C20-9X - BALBOA C20-9X	13,000.0	6,722.0	955.4	817.1	7.010	SF
CHENOWETH 2 - CHENOWETH 2 - CHENOWETH 2	17,007.1	6,789.3	527.2	306.9	2.409	CC, ES, SF
CHENOWETH C20-25D - CHENOWETH C20-25D - CHI	16,357.8	7,013.1	68.9	-141.4	0.320	Unacceptable Path, CC, I
HANSCOME C28-30D - HANSCOME C28-30D - HANSC	12,307.1	6,826.8	1,101.1	974.0	8.816	CC, ES
HANSCOME C28-30D - HANSCOME C28-30D - HANSC	12,400.0	6,828.0	1,105.0	977.1	8.786	SF
HANSCOME C29-27D - HANSCOME C29-27D - HANSC	13,701.8	6,837.1	1,053.3	899.0	6.920	CC, ES
HANSCOME C29-27D - HANSCOME C29-27D - HANSC	13,800.0	6,837.4	1,058.8	903.2	6.895	SF
HIGHLAND 11-20 - HIGHLAND 11-20 - HIGHLAND 11-2	15,757.7	6,721.8	915.5	721.4	4.765	CC, ES
HIGHLAND 11-20 - HIGHLAND 11-20 - HIGHLAND 11-2	15,800.0	6,723.0	916.9	721.8	4.747	SF
HIGHLAND 12-20 - HIGHLAND 12-20 - HIGHLAND 12-2	17,042.1	6,768.1	757.4	535.8	3.445	CC, ES, SF
JOHNSON C29-28 (Vert) - JOHNSON C29-28 - JOHNSC	15,237.3	6,750.0	1,060.6	553.4	2.096	CC, ES, SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (Pi	17,119.7	6,804.6	939.3	716.3	4.249	CC, ES
KLINGENBERG C20-780 - KLINGENBERG C20-780 (Pi	17,200.0	6,805.3	942.7	718.3	4.235	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (ST	17,100.0	7,899.8	462.2	363.7	4.785	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (ST	17,200.0	7,902.0	457.3	362.0	4.899	CC, ES
KLINGENBERG C20-780 - KLINGENBERG C20-780 (ST	17,100.0	7,899.8	462.2	363.7	4.785	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (ST	17,200.0	7,901.9	457.2	362.0	4.899	CC, ES
LONG C20-21D - LONG C20-21D - LONG C20-21D	14,923.6	6,935.8	1,536.9	1,358.7	8.728	CC, ES
LONG C20-21D - LONG C20-21D - LONG C20-21D	15,100.0	6,932.5	1,547.1	1,366.4	8.663	SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Reference Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 19NA	**Database:**	US_EDM
Reference Design:	GEORGE 19NA	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
SEC.21-T4N-R64W (Exist)						
HAMLIN C21-22 (Vert) - HAMLIN C21-22 - HAMLIN C21	3,424.2	3,074.4	69.7	-149.4	0.311	Unacceptable Path, CC, E
HANSCOME C21-24 (Vert) - HANSCOME C21-24 - HAN	9,664.3	6,696.5	103.6	-372.4	0.214	Unacceptable Path, CC, E
HANSCOME C21-79HN - HANSCOME C21-79HN - HAN	12,400.0	7,314.1	56.0	-15.2	0.779	Shut in, CC, ES, SF
HANSCOME C28-29D - HANSCOME C28-29D - HANSC	11,035.1	6,866.0	1,129.2	1,020.7	10.619	CC, ES
HANSCOME C28-29D - HANSCOME C28-29D - HANSC	11,100.0	6,864.1	1,131.2	1,022.2	10.590	SF
JULIE C21-25 (Vert) - JULIE C21-25 - JULIE C21-25	10,969.4	6,725.2	79.6	-402.5	0.161	Unacceptable Path, CC, E
KLEIN 1 (Vert) - KLEIN 1 - KLEIN 1	11,719.4	6,723.1	541.3	56.6	1.117	Collision Monitoring, CC,
KLEIN 21-12 (Vert) - KLEIN 21-12 - KLEIN 21-12	11,713.6	6,699.1	803.0	319.8	1.665	CC, ES, SF
LEONARD 1 - LEONARD 1 - LEONARD 1	9,100.0	6,655.8	607.3	538.1	9.064	SF
LEONARD 1 - LEONARD 1 - LEONARD 1	9,137.1	6,656.5	606.2	537.3	9.080	CC, ES
LEONARD 21-10 (Vert) - LEONARD 21-10 - LEONARD 2	9,073.0	6,677.8	751.1	277.3	1.588	CC, ES, SF
LEONARD 21-14I4 (Vert) - LEONARD 21-14I4 - LEONAI	10,437.0	6,714.7	563.8	84.2	1.176	Collision Monitoring, CC,
LEONARD 21-16I4 - LEONARD 21-16I4 - LEONARD 21-	8,200.0	6,671.0	211.4	147.9	3.425	SF
LEONARD 21-16I4 - LEONARD 21-16I4 - LEONARD 21-	8,266.0	6,670.3	200.7	140.7	3.443	CC, ES
LEONARD 3 (Vert) - LEONARD 3 - LEONARD 3	10,410.4	6,719.7	770.4	290.8	1.609	CC, ES, SF
LEONARD C21-16 - LEONARD C21-16 - LEONARD C2	7,600.0	6,649.6	708.9	645.2	11.539	SF
LEONARD C21-16 - LEONARD C21-16 - LEONARD C2	7,722.5	6,676.2	694.7	633.3	11.740	CC, ES
THOUTT 2 - THOUTT 2 - THOUTT 2	5,322.2	4,902.0	217.2	165.4	4.347	CC, ES, SF
SEC.29-T4N-R64W (Exist)						
JOHNSON C29-29 (Vert) - JOHNSON C29-29 - JOHNSC	16,380.7	6,785.2	1,362.1	843.6	2.635	CC, ES
JOHNSON C29-29 (Vert) - JOHNSON C29-29 - JOHNSC	16,400.0	6,785.9	1,362.4	843.8	2.635	SF
UPRC 29-4H (Vert) - UPRC 29-4H - UPRC 29-4H	17,080.8	6,806.3	1,859.7	1,637.3	8.445	CC
UPRC 29-4H (Vert) - UPRC 29-4H - UPRC 29-4H	17,100.0	6,806.6	1,859.8	1,637.0	8.428	ES
UPRC 29-4H (Vert) - UPRC 29-4H - UPRC 29-4H	17,300.0	6,809.4	1,872.8	1,646.4	8.354	SF

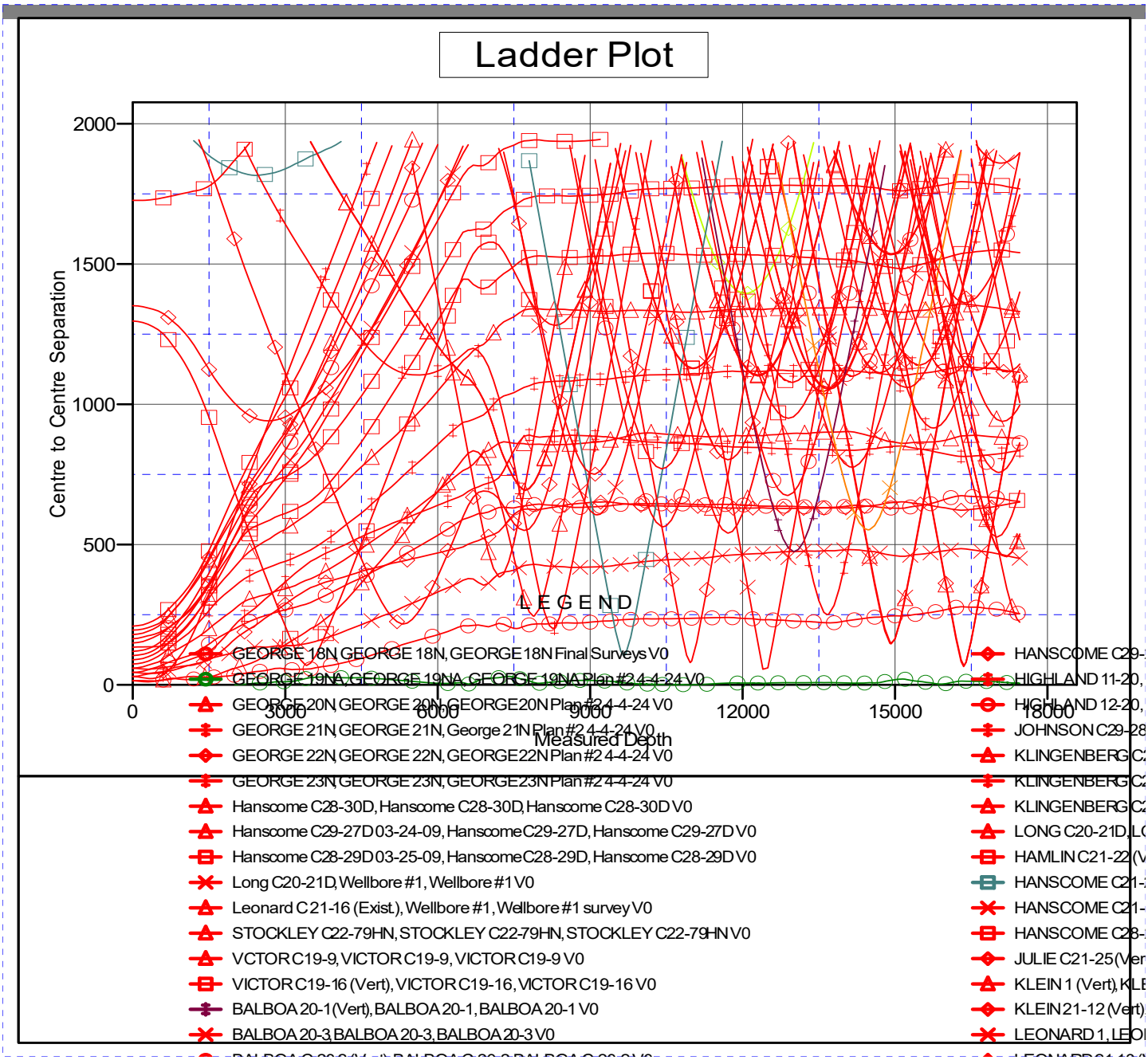
Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Reference Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 19NA	**Database:**	US_EDM
Reference Design:	GEORGE 19NA	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to Well @ 4743.0ft (T41 - RKB 25')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: GEORGE 19NA
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.61°



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

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 19NA
Project:	SEC.21-T4N-R64W	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Reference Site:	George Pad	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site Error:	0.0 ft	**North Reference:**	True
Reference Well:	GEORGE 19NA	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 19NA	**Database:**	US_EDM
Reference Design:	GEORGE 19NA	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to Well @ 4743.0ft (T41 - RKB 25')	Coordinates are relative to: GEORGE 19NA
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.61°