

Chevron DJ Basin

GEORGE 06N

George Pad

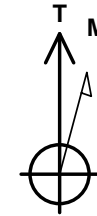
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone

Ground Elevation: 4717.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1353591.40	3263654.87	40.300151	-104.554713
T41 - RKB 25' Well @ 4742.0ft (T41 - RKB 25')					



George Pad
GEORGE 06N
GEORGE 06N Final Surveys
10:18, April 01 2024



Azimuths to True North
Magnetic North: 7.66°

Magnetic Field
Strength: 51621.0nT
Dip Angle: 66.54°
Date: 02/14/2024
Model: HRGM

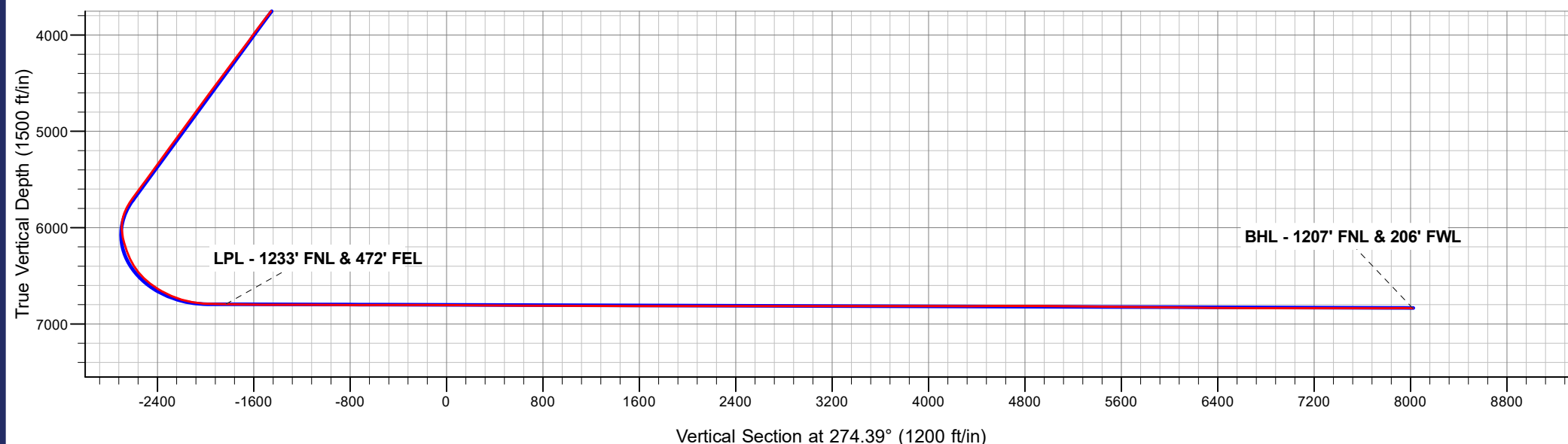
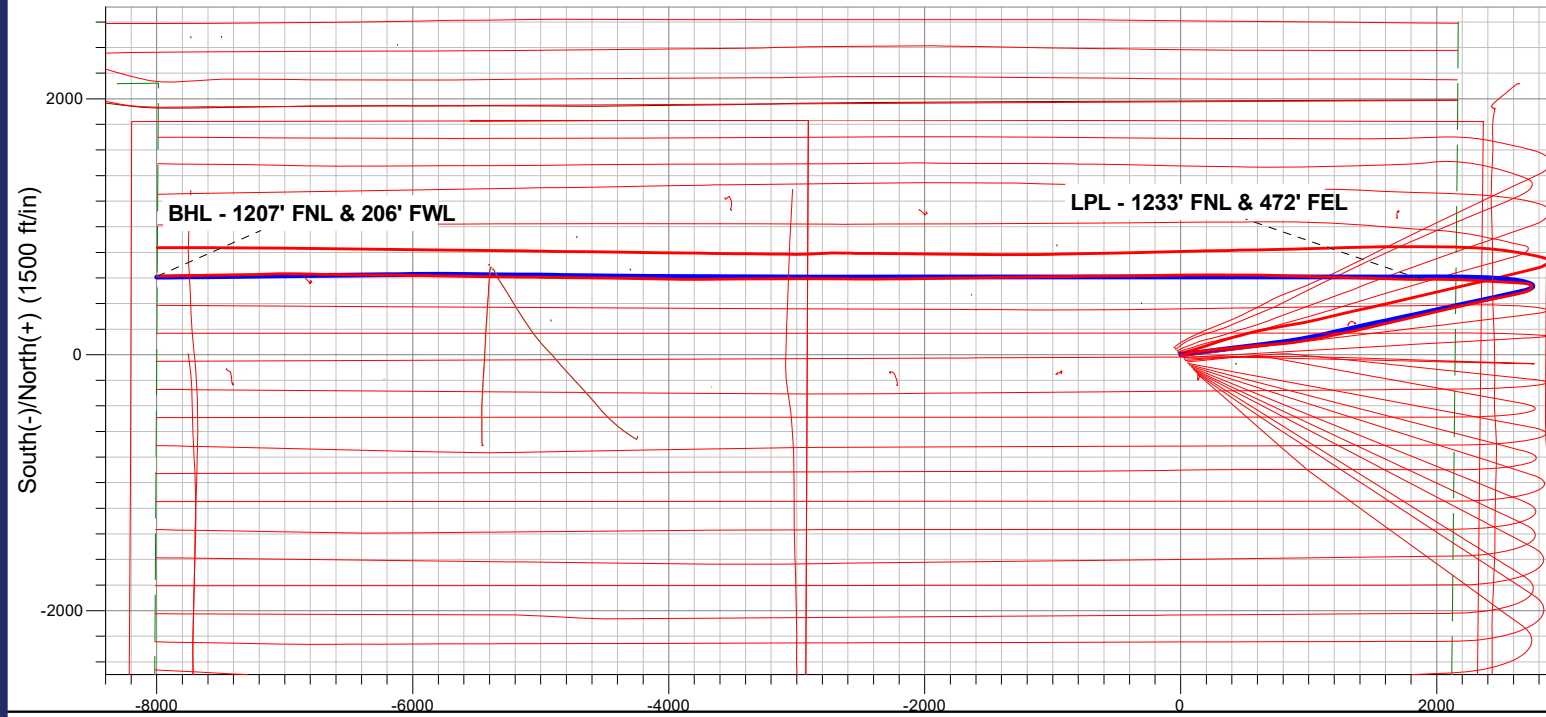
ANNOTATIONS

MD	TVD	Annotation
8071.0	6793.8	LPL - 1233' FNL & 472' FEL
17947.0	6836.0	BHL - 1207' FNL & 206' FWL

FINAL SURVEY

Projected Bottom Hole Location

17947.0' MD / 6836.0' TVD
89.84° INC / 269.18° AZM
1207' FNL / 206' FWL



Chevron DJ Basin

SEC.21-T4N-R64W

George Pad

GEORGE 06N

GEORGE 06N

Design: GEORGE 06N Final Surveys

Survey Report - Geographic

01 April, 2024

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Well:	GEORGE 06N	North Reference:	True
Wellbore:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Design:	GEORGE 06N Final Surveys	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 06N					
Well Position	+N/-S	0.0 ft	Northing:	1,353,591.40 usfl	Latitude:	40.300151
	+E/-W	0.0 ft	Easting:	3,263,654.87 usfl	Longitude:	-104.554714
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,717.0 ft

Wellbore	GEORGE 06N				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	02/14/2024	7.66	66.54	51,621.01843755

Design	GEORGE 06N Final Surveys				
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	274.39	

Survey Program	Date	04/01/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
208.0	17,947.0	Survey #1 (GEORGE 06N)	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	1,353,591.40	3,263,654.87	40.300151	-104.554714
208.0	0.62	161.29	208.0	-1.1	0.4	1,353,590.34	3,263,655.25	40.300148	-104.554712
394.0	1.06	127.37	394.0	-3.1	2.1	1,353,588.36	3,263,656.96	40.300143	-104.554706
488.0	2.37	103.46	487.9	-4.0	4.6	1,353,587.41	3,263,659.55	40.300140	-104.554697
582.0	3.52	78.32	581.8	-3.9	9.3	1,353,587.59	3,263,664.26	40.300140	-104.554680
677.0	4.31	73.05	676.6	-2.3	15.6	1,353,589.29	3,263,670.52	40.300145	-104.554658
771.0	4.84	68.48	770.3	0.2	22.7	1,353,591.85	3,263,677.56	40.300152	-104.554632
865.0	7.83	72.70	863.7	3.6	32.5	1,353,595.31	3,263,687.32	40.300161	-104.554597
958.0	8.27	70.59	955.8	7.7	44.8	1,353,599.55	3,263,699.64	40.300172	-104.554553
1,052.0	10.20	71.64	1,048.6	12.5	59.1	1,353,604.57	3,263,713.86	40.300185	-104.554502
1,146.0	14.60	81.31	1,140.4	17.0	78.7	1,353,609.19	3,263,733.43	40.300198	-104.554431
1,239.0	15.04	85.36	1,230.3	19.7	102.4	1,353,612.19	3,263,757.01	40.300205	-104.554347

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Well:	GEORGE 06N	North Reference:	True
Wellbore:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Design:	GEORGE 06N Final Surveys	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
1,334.0	16.88	83.07	1,321.6	22.4	128.3	1,353,615.13	3,263,782.96	40.300212	-104.554254
1,428.0	18.29	80.96	1,411.2	26.3	156.5	1,353,619.39	3,263,811.03	40.300223	-104.554153
1,522.0	20.66	83.60	1,499.8	30.5	187.5	1,353,623.89	3,263,842.04	40.300235	-104.554041
1,616.0	20.75	82.02	1,587.8	34.7	220.5	1,353,628.40	3,263,874.96	40.300246	-104.553923
1,710.0	22.69	83.07	1,675.1	39.2	255.0	1,353,633.27	3,263,909.40	40.300259	-104.553800
1,804.0	25.41	85.71	1,760.9	42.8	293.1	1,353,637.37	3,263,947.47	40.300269	-104.553663
1,897.0	28.49	85.00	1,843.8	46.3	335.1	1,353,641.24	3,263,989.44	40.300278	-104.553512
2,057.0	28.86	84.68	1,984.2	53.2	411.6	1,353,648.96	3,264,065.82	40.300297	-104.553238
2,150.0	29.16	85.40	2,065.5	57.1	456.5	1,353,653.34	3,264,110.70	40.300308	-104.553077
2,243.0	29.25	84.35	2,146.7	61.1	501.7	1,353,657.88	3,264,155.85	40.300319	-104.552915
2,337.0	28.65	81.71	2,228.9	66.6	546.8	1,353,663.87	3,264,200.94	40.300334	-104.552753
2,430.0	30.99	85.99	2,309.6	71.5	592.8	1,353,669.25	3,264,246.84	40.300347	-104.552588
2,525.0	31.26	86.26	2,391.0	74.9	641.8	1,353,673.09	3,264,295.80	40.300357	-104.552413
2,619.0	30.98	85.31	2,471.4	78.4	690.2	1,353,677.17	3,264,344.20	40.300366	-104.552239
2,713.0	31.86	85.97	2,551.7	82.1	739.1	1,353,681.41	3,264,393.02	40.300377	-104.552064
2,806.0	31.97	86.04	2,630.6	85.6	788.1	1,353,685.36	3,264,442.02	40.300386	-104.551888
2,900.0	32.36	84.10	2,710.2	89.9	838.0	1,353,690.20	3,264,491.82	40.300398	-104.551709
2,994.0	31.99	80.03	2,789.7	96.8	887.5	1,353,697.62	3,264,541.30	40.300417	-104.551532
3,088.0	31.92	81.80	2,869.5	104.6	936.7	1,353,706.00	3,264,590.33	40.300438	-104.551356
3,182.0	32.34	81.07	2,949.1	112.1	986.1	1,353,713.97	3,264,639.68	40.300459	-104.551178
3,277.0	32.50	80.17	3,029.3	120.4	1,036.3	1,353,722.81	3,264,689.83	40.300481	-104.550998
3,371.0	32.09	78.18	3,108.8	129.8	1,085.7	1,353,732.76	3,264,739.05	40.300507	-104.550821
3,465.0	31.59	77.26	3,188.6	140.3	1,134.1	1,353,743.82	3,264,787.39	40.300536	-104.550648
3,559.0	32.24	78.76	3,268.4	150.7	1,182.7	1,353,754.65	3,264,835.88	40.300565	-104.550473
3,653.0	32.33	78.89	3,347.9	160.4	1,232.0	1,353,764.91	3,264,885.03	40.300591	-104.550297
3,747.0	31.41	77.92	3,427.7	170.4	1,280.6	1,353,775.40	3,264,933.53	40.300619	-104.550123
3,841.0	32.24	77.96	3,507.6	180.7	1,329.1	1,353,786.27	3,264,981.89	40.300647	-104.549949
3,934.0	32.10	77.26	3,586.3	191.3	1,377.4	1,353,797.41	3,265,030.14	40.300676	-104.549775
4,029.0	32.45	76.69	3,666.6	202.8	1,426.9	1,353,809.37	3,265,079.43	40.300708	-104.549598
4,123.0	32.20	77.02	3,746.0	214.2	1,475.8	1,353,821.32	3,265,128.25	40.300739	-104.549423
4,216.0	32.00	76.99	3,824.8	225.3	1,524.0	1,353,832.94	3,265,176.28	40.300769	-104.549250
4,310.0	32.08	76.70	3,904.5	236.7	1,572.5	1,353,844.81	3,265,224.72	40.300801	-104.549076
4,404.0	31.87	77.03	3,984.2	248.0	1,621.0	1,353,856.64	3,265,273.07	40.300832	-104.548902
4,498.0	31.91	76.70	4,064.1	259.3	1,669.4	1,353,868.44	3,265,321.30	40.300863	-104.548729
4,593.0	31.83	76.89	4,144.7	270.7	1,718.2	1,353,880.41	3,265,370.01	40.300894	-104.548554
4,687.0	32.41	77.07	4,224.3	282.0	1,766.9	1,353,892.19	3,265,418.58	40.300925	-104.548379
4,781.0	32.04	76.30	4,303.9	293.5	1,815.7	1,353,904.25	3,265,467.23	40.300957	-104.548204
4,874.0	32.36	76.93	4,382.6	305.0	1,863.9	1,353,916.23	3,265,515.31	40.300988	-104.548031
4,968.0	32.14	77.17	4,462.1	316.2	1,912.8	1,353,928.00	3,265,564.07	40.301019	-104.547856
5,062.0	32.10	76.67	4,541.7	327.6	1,961.4	1,353,939.82	3,265,612.63	40.301050	-104.547682
5,156.0	31.81	77.09	4,621.4	338.8	2,009.9	1,353,951.63	3,265,660.95	40.301081	-104.547508
5,250.0	31.49	76.84	4,701.5	350.0	2,057.9	1,353,963.27	3,265,708.88	40.301111	-104.547336
5,344.0	31.28	76.50	4,781.7	361.3	2,105.6	1,353,975.06	3,265,756.39	40.301142	-104.547165
5,439.0	31.16	76.91	4,862.9	372.6	2,153.5	1,353,986.90	3,265,804.19	40.301174	-104.546993
5,532.0	32.11	77.33	4,942.1	383.4	2,201.1	1,353,998.27	3,265,851.62	40.301203	-104.546823
5,627.0	31.14	78.73	5,023.0	393.8	2,249.8	1,354,009.13	3,265,900.23	40.301232	-104.546648
5,722.0	31.22	78.13	5,104.3	403.7	2,298.0	1,354,019.51	3,265,948.30	40.301259	-104.546475
5,815.0	31.22	78.08	5,183.8	413.6	2,345.1	1,354,029.94	3,265,995.36	40.301286	-104.546306
5,909.0	31.46	77.70	5,264.1	423.8	2,392.9	1,354,040.71	3,266,043.05	40.301314	-104.546135
6,004.0	30.92	77.48	5,345.4	434.4	2,441.0	1,354,051.79	3,266,090.98	40.301343	-104.545962
6,098.0	31.09	77.96	5,425.9	444.7	2,488.3	1,354,062.59	3,266,138.18	40.301371	-104.545793
6,192.0	31.68	77.78	5,506.2	455.0	2,536.2	1,354,073.39	3,266,185.92	40.301400	-104.545621
6,286.0	31.51	78.24	5,586.3	465.2	2,584.3	1,354,084.13	3,266,233.98	40.301428	-104.545448
6,379.0	32.10	77.31	5,665.3	475.6	2,632.2	1,354,095.03	3,266,281.77	40.301456	-104.545277
6,473.0	28.63	74.86	5,746.4	487.0	2,678.4	1,354,106.89	3,266,327.76	40.301487	-104.545111

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Well:	GEORGE 06N	North Reference:	True
Wellbore:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Design:	GEORGE 06N Final Surveys	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
6,568.0	20.97	62.10	5,832.6	500.9	2,715.4	1,354,121.21	3,266,364.68	40.301526	-104.544978
6,661.0	13.51	42.95	5,921.5	516.7	2,737.6	1,354,137.22	3,266,386.67	40.301569	-104.544899
6,755.0	9.15	352.96	6,013.8	532.2	2,744.2	1,354,152.78	3,266,393.09	40.301611	-104.544875
6,849.0	11.93	306.39	6,106.4	545.4	2,735.4	1,354,165.90	3,266,384.19	40.301648	-104.544907
6,943.0	14.50	285.02	6,197.9	554.2	2,716.2	1,354,174.51	3,266,364.90	40.301672	-104.544976
7,038.0	18.68	272.01	6,289.0	557.8	2,689.5	1,354,177.84	3,266,338.15	40.301682	-104.545071
7,132.0	24.33	270.95	6,376.4	558.7	2,655.1	1,354,178.33	3,266,303.71	40.301684	-104.545195
7,226.0	32.56	276.04	6,459.0	561.7	2,610.5	1,354,180.84	3,266,259.09	40.301692	-104.545355
7,320.0	41.05	274.96	6,534.2	567.0	2,554.5	1,354,185.58	3,266,203.03	40.301707	-104.545555
7,414.0	48.91	272.66	6,600.6	571.3	2,488.2	1,354,189.19	3,266,136.75	40.301719	-104.545793
7,508.0	53.52	272.05	6,659.5	574.3	2,415.0	1,354,191.41	3,266,063.53	40.301727	-104.546055
7,602.0	61.62	272.20	6,709.9	577.3	2,335.8	1,354,193.51	3,265,984.29	40.301735	-104.546339
7,696.0	70.86	274.25	6,747.7	582.2	2,250.0	1,354,197.49	3,265,898.45	40.301749	-104.546647
7,790.0	76.84	273.53	6,773.8	588.3	2,160.0	1,354,202.64	3,265,808.35	40.301766	-104.546970
7,884.0	84.49	270.30	6,789.1	591.3	2,067.3	1,354,204.72	3,265,715.71	40.301774	-104.547302
7,978.0	90.83	267.27	6,792.9	589.3	1,973.5	1,354,201.72	3,265,621.90	40.301769	-104.547638
8,071.0	88.11	270.33	6,793.8	587.4	1,880.6	1,354,198.79	3,265,528.97	40.301763	-104.547972
LPL - 1233' FNL & 472' FEL									
8,165.0	87.96	271.05	6,797.0	588.5	1,786.6	1,354,198.91	3,265,435.03	40.301766	-104.548308
8,259.0	89.49	271.89	6,799.1	590.9	1,692.7	1,354,200.32	3,265,341.07	40.301773	-104.548645
8,353.0	89.52	272.21	6,799.9	594.3	1,598.7	1,354,202.68	3,265,247.11	40.301782	-104.548982
8,447.0	89.66	271.71	6,800.6	597.5	1,504.8	1,354,204.90	3,265,153.14	40.301791	-104.549319
8,541.0	89.52	270.94	6,801.2	599.7	1,410.8	1,354,206.07	3,265,059.16	40.301797	-104.549656
8,635.0	90.23	271.58	6,801.5	601.8	1,316.8	1,354,207.13	3,264,965.17	40.301803	-104.549993
8,730.0	89.82	271.97	6,801.4	604.7	1,221.9	1,354,209.06	3,264,870.19	40.301811	-104.550333
8,824.0	90.08	271.64	6,801.5	607.7	1,127.9	1,354,211.02	3,264,776.22	40.301819	-104.550670
8,917.0	89.82	271.76	6,801.6	610.4	1,035.0	1,354,212.79	3,264,683.24	40.301827	-104.551003
9,010.0	90.04	271.47	6,801.7	613.0	942.0	1,354,214.42	3,264,590.26	40.301834	-104.551336
9,104.0	89.90	271.66	6,801.7	615.6	848.1	1,354,215.99	3,264,496.28	40.301841	-104.551673
9,197.0	89.90	271.91	6,801.9	618.5	755.1	1,354,217.89	3,264,403.30	40.301849	-104.552007
9,292.0	90.18	270.87	6,801.8	620.8	660.1	1,354,219.18	3,264,308.31	40.301855	-104.552347
9,385.0	90.01	270.43	6,801.7	621.9	567.1	1,354,219.25	3,264,215.32	40.301858	-104.552680
9,478.0	90.13	270.28	6,801.6	622.4	474.1	1,354,218.83	3,264,122.32	40.301860	-104.553014
9,572.0	89.81	270.32	6,801.6	622.9	380.1	1,354,218.32	3,264,028.33	40.301861	-104.553351
9,666.0	89.56	270.48	6,802.1	623.6	286.1	1,354,217.98	3,263,934.34	40.301863	-104.553688
9,760.0	89.90	270.40	6,802.6	624.3	192.1	1,354,217.70	3,263,840.34	40.301865	-104.554025
9,854.0	89.39	268.31	6,803.2	623.3	98.2	1,354,215.64	3,263,746.38	40.301862	-104.554362
9,947.0	89.11	268.87	6,804.4	621.0	5.2	1,354,212.36	3,263,653.45	40.301856	-104.554695
10,041.0	89.41	269.97	6,805.6	620.0	-88.8	1,354,210.41	3,263,559.48	40.301853	-104.555032
10,135.0	90.01	268.99	6,806.1	619.2	-182.8	1,354,208.55	3,263,465.51	40.301851	-104.555369
10,229.0	89.20	269.32	6,806.7	617.8	-276.8	1,354,206.16	3,263,371.54	40.301847	-104.555706
10,323.0	89.01	269.64	6,808.2	616.9	-370.8	1,354,204.31	3,263,277.58	40.301844	-104.556043
10,417.0	90.12	269.57	6,808.9	616.3	-464.8	1,354,202.66	3,263,183.60	40.301843	-104.556380
10,511.0	90.12	268.91	6,808.7	615.0	-558.7	1,354,200.41	3,263,089.63	40.301839	-104.556717
10,604.0	89.29	269.64	6,809.2	613.9	-651.7	1,354,198.24	3,262,996.66	40.301836	-104.557050
10,698.0	89.42	269.07	6,810.2	612.8	-745.7	1,354,196.18	3,262,902.70	40.301833	-104.557387
10,792.0	89.22	269.50	6,811.4	611.6	-839.7	1,354,194.01	3,262,808.73	40.301830	-104.557724
10,886.0	89.31	269.40	6,812.6	610.7	-933.7	1,354,192.10	3,262,714.76	40.301827	-104.558061
10,980.0	89.78	269.06	6,813.3	609.5	-1,027.7	1,354,189.84	3,262,620.80	40.301824	-104.558398
11,074.0	89.23	269.13	6,814.1	608.0	-1,121.7	1,354,187.35	3,262,526.84	40.301820	-104.558735
11,167.0	89.94	269.41	6,814.8	606.8	-1,214.7	1,354,185.18	3,262,433.87	40.301817	-104.559068
11,262.0	90.54	269.53	6,814.4	605.9	-1,309.6	1,354,183.28	3,262,338.90	40.301814	-104.559409
11,355.0	90.13	268.58	6,813.8	604.4	-1,402.6	1,354,180.76	3,262,245.94	40.301810	-104.559742
11,450.0	89.71	268.91	6,814.0	602.3	-1,497.6	1,354,177.67	3,262,150.99	40.301804	-104.560083
11,544.0	90.42	269.64	6,813.9	601.1	-1,591.6	1,354,175.48	3,262,057.02	40.301801	-104.560420

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Well:	GEORGE 06N	North Reference:	True
Wellbore:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Design:	GEORGE 06N Final Surveys	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
11,638.0	89.91	268.84	6,813.6	599.9	-1,685.6	1,354,173.23	3,261,963.06	40.301797	-104.560757
11,732.0	89.99	269.36	6,813.7	598.4	-1,779.6	1,354,170.75	3,261,869.09	40.301793	-104.561094
11,826.0	90.56	269.53	6,813.2	597.5	-1,873.6	1,354,168.84	3,261,775.12	40.301791	-104.561431
11,920.0	89.64	268.32	6,813.1	595.7	-1,967.6	1,354,166.07	3,261,681.17	40.301786	-104.561768
12,015.0	89.51	269.08	6,813.8	593.6	-2,062.5	1,354,162.90	3,261,586.23	40.301780	-104.562108
12,109.0	89.98	269.99	6,814.2	592.8	-2,156.5	1,354,161.14	3,261,492.25	40.301778	-104.562445
12,203.0	90.26	269.36	6,814.0	592.3	-2,250.5	1,354,159.60	3,261,398.27	40.301777	-104.562782
12,297.0	89.64	269.29	6,814.1	591.1	-2,344.5	1,354,157.50	3,261,304.30	40.301773	-104.563119
12,390.0	89.68	269.92	6,814.6	590.5	-2,437.5	1,354,155.86	3,261,211.32	40.301772	-104.563453
12,484.0	90.06	270.58	6,814.8	590.9	-2,531.5	1,354,155.27	3,261,117.32	40.301773	-104.563790
12,577.0	89.26	270.37	6,815.4	591.7	-2,624.5	1,354,155.05	3,261,024.33	40.301775	-104.564123
12,671.0	89.97	270.55	6,816.0	592.4	-2,718.5	1,354,154.80	3,260,930.34	40.301777	-104.564460
12,858.0	90.55	269.89	6,815.2	593.2	-2,905.5	1,354,153.53	3,260,743.36	40.301779	-104.565130
12,952.0	90.48	270.34	6,814.3	593.3	-2,999.5	1,354,152.71	3,260,649.37	40.301779	-104.565467
13,046.0	89.74	269.57	6,814.2	593.3	-3,093.5	1,354,151.64	3,260,555.38	40.301779	-104.565804
13,140.0	89.75	269.35	6,814.6	592.4	-3,187.5	1,354,149.75	3,260,461.40	40.301777	-104.566141
13,234.0	89.38	270.41	6,815.3	592.2	-3,281.5	1,354,148.55	3,260,367.42	40.301776	-104.566478
13,328.0	90.55	270.07	6,815.3	592.6	-3,375.5	1,354,147.94	3,260,273.43	40.301777	-104.566815
13,421.0	90.57	269.25	6,814.4	592.0	-3,468.5	1,354,146.40	3,260,180.45	40.301776	-104.567149
13,514.0	89.81	269.02	6,814.1	590.6	-3,561.5	1,354,144.01	3,260,087.49	40.301772	-104.567482
13,609.0	89.74	269.31	6,814.5	589.2	-3,656.4	1,354,141.61	3,259,992.52	40.301768	-104.567823
13,702.0	90.40	270.47	6,814.4	589.1	-3,749.4	1,354,140.44	3,259,899.53	40.301767	-104.568156
13,797.0	89.84	270.07	6,814.2	589.5	-3,844.4	1,354,139.87	3,259,804.54	40.301768	-104.568497
13,891.0	90.25	271.35	6,814.1	590.7	-3,938.4	1,354,140.04	3,259,710.55	40.301772	-104.568834
13,984.0	89.60	270.68	6,814.2	592.3	-4,031.4	1,354,140.69	3,259,617.56	40.301776	-104.569167
14,078.0	89.71	270.53	6,814.8	593.3	-4,125.4	1,354,140.68	3,259,523.56	40.301779	-104.569504
14,265.0	90.02	271.10	6,815.2	596.0	-4,312.4	1,354,141.35	3,259,336.57	40.301786	-104.570174
14,358.0	90.64	270.69	6,814.7	597.4	-4,405.4	1,354,141.81	3,259,243.58	40.301790	-104.570508
14,452.0	90.04	270.15	6,814.1	598.1	-4,499.4	1,354,141.50	3,259,149.59	40.301792	-104.570845
14,546.0	90.52	271.21	6,813.7	599.2	-4,593.4	1,354,141.61	3,259,055.59	40.301795	-104.571182
14,639.0	90.31	271.37	6,813.0	601.3	-4,686.3	1,354,142.71	3,258,962.61	40.301800	-104.571515
14,732.0	89.61	270.72	6,813.1	603.0	-4,779.3	1,354,143.42	3,258,869.62	40.301805	-104.571848
14,826.0	90.75	270.29	6,812.8	603.9	-4,873.3	1,354,143.25	3,258,775.62	40.301807	-104.572185
14,920.0	89.11	270.59	6,812.9	604.6	-4,967.3	1,354,142.97	3,258,681.63	40.301809	-104.572522
15,014.0	89.04	270.23	6,814.4	605.2	-5,061.3	1,354,142.64	3,258,587.65	40.301811	-104.572859
15,108.0	89.17	271.03	6,815.9	606.3	-5,155.3	1,354,142.67	3,258,493.66	40.301814	-104.573196
15,202.0	89.05	270.95	6,817.3	607.9	-5,249.2	1,354,143.29	3,258,399.68	40.301818	-104.573533
15,296.0	89.21	270.70	6,818.8	609.3	-5,343.2	1,354,143.64	3,258,305.70	40.301822	-104.573870
15,484.0	89.00	270.92	6,821.7	611.9	-5,531.2	1,354,144.29	3,258,117.73	40.301829	-104.574544
15,579.0	88.86	271.21	6,823.5	613.7	-5,626.1	1,354,145.05	3,258,022.75	40.301834	-104.574884
15,673.0	90.24	270.77	6,824.2	615.3	-5,720.1	1,354,145.67	3,257,928.77	40.301838	-104.575221
15,767.0	88.94	270.93	6,824.9	616.7	-5,814.1	1,354,146.06	3,257,834.77	40.301842	-104.575558
15,862.0	89.16	270.38	6,826.5	617.8	-5,909.1	1,354,146.14	3,257,739.79	40.301845	-104.575899
15,955.0	88.94	270.62	6,828.0	618.6	-6,002.1	1,354,145.96	3,257,646.81	40.301847	-104.576232
16,049.0	89.62	271.45	6,829.2	620.3	-6,096.1	1,354,146.65	3,257,552.83	40.301852	-104.576569
16,143.0	89.23	270.57	6,830.1	622.0	-6,190.0	1,354,147.31	3,257,458.84	40.301856	-104.576906
16,237.0	89.34	271.08	6,831.3	623.3	-6,284.0	1,354,147.66	3,257,364.85	40.301860	-104.577243
16,331.0	88.54	269.12	6,833.0	623.5	-6,378.0	1,354,146.82	3,257,270.88	40.301860	-104.577580
16,425.0	89.56	271.66	6,834.6	624.1	-6,472.0	1,354,146.46	3,257,176.91	40.301862	-104.577917
16,519.0	89.38	270.76	6,835.5	626.1	-6,565.9	1,354,147.44	3,257,082.92	40.301867	-104.578254
16,613.0	89.34	270.81	6,836.5	627.4	-6,659.9	1,354,147.73	3,256,988.93	40.301871	-104.578591
16,707.0	89.84	271.02	6,837.2	628.9	-6,753.9	1,354,148.23	3,256,894.94	40.301875	-104.578928
16,800.0	90.38	271.23	6,837.0	630.7	-6,846.9	1,354,149.06	3,256,801.95	40.301880	-104.579261
16,894.0	90.61	270.59	6,836.2	632.2	-6,940.9	1,354,149.55	3,256,707.96	40.301884	-104.579598
16,988.0	90.51	269.42	6,835.3	632.2	-7,034.9	1,354,148.56	3,256,613.97	40.301884	-104.579935

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Well:	GEORGE 06N	North Reference:	True
Wellbore:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Design:	GEORGE 06N Final Surveys	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
17,081.0	89.85	268.35	6,835.0	630.4	-7,127.9	1,354,145.76	3,256,521.02	40.301879	-104.580268
17,176.0	89.65	267.87	6,835.4	627.3	-7,222.8	1,354,141.61	3,256,426.12	40.301870	-104.580609
17,270.0	89.55	269.22	6,836.1	624.9	-7,316.8	1,354,138.22	3,256,332.19	40.301863	-104.580946
17,364.0	89.78	269.23	6,836.6	623.6	-7,410.8	1,354,135.95	3,256,238.22	40.301860	-104.581283
17,457.0	90.12	269.47	6,836.7	622.6	-7,503.8	1,354,133.91	3,256,145.25	40.301857	-104.581616
17,551.0	89.84	268.81	6,836.7	621.1	-7,597.7	1,354,131.49	3,256,051.28	40.301853	-104.581953
17,645.0	89.94	268.78	6,836.9	619.2	-7,691.7	1,354,128.51	3,255,957.33	40.301847	-104.582290
17,739.0	90.38	269.31	6,836.6	617.6	-7,785.7	1,354,125.95	3,255,863.38	40.301843	-104.582627
17,832.0	90.56	268.44	6,835.9	615.8	-7,878.7	1,354,123.13	3,255,770.43	40.301838	-104.582960
17,863.0	89.84	269.18	6,835.8	615.1	-7,909.7	1,354,122.15	3,255,739.44	40.301836	-104.583071
17,947.0	89.84	269.18	6,836.0	613.9	-7,993.7	1,354,120.06	3,255,655.47	40.301833	-104.583372
BHL - 1207' FNL & 206' FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
8,071.0	6,793.8	587.4	1,880.6	LPL - 1233' FNL & 472' FEL
17,947.0	6,836.0	613.9	-7,993.7	BHL - 1207' FNL & 206' FWL

Checked By: _____	Approved By: _____	Date: _____
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Chevron DJ Basin

SEC.21-T4N-R64W

George Pad

GEORGE 06N

GEORGE 06N

GEORGE 06N Final Surveys

Anticollision Summary Report

01 April, 2024

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Reference Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	3.50 sigma
Reference Wellbore	GEORGE 06N	Database:	US_EDM
Reference Design:	GEORGE 06N Final Surveys	Offset TVD Reference:	Offset Datum

Reference	GEORGE 06N Final Surveys		
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	04/01/2024		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,947.0	Survey #1 (GEORGE 06N)	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)	Between Ellipses (ft)	Separation Factor	Warning
Borys Pad						
BORYS C22-775 - BORYS C22-775 - BORYS C22-775	7,129.8	8,470.8	780.3	720.2	13.476	CC, ES
BORYS C22-775 - BORYS C22-775 - BORYS C22-775	7,200.0	8,472.3	786.3	724.5	13.190	SF
BORYS C22-783 - BORYS C22-783 - BORYS C22-783	7,300.0	8,647.0	346.1	287.0	6.060	CC, ES
BORYS C22-783 - BORYS C22-783 - BORYS C22-783	7,300.0	8,647.0	346.1	287.0	6.060	SF
Collins 4N64W18T Pad Sec.18-T4N-R64W						
Collins 18T-221 - Collins 18T-221 Wellbore #1 - Collins 1	17,947.0	6,423.0	1,670.5	1,479.4	8.844	CC, ES, SF
Collins 18T-221 - Collins 18T-221 Wellbore #2 - Collins 1	17,947.0	6,350.2	1,775.1	1,584.5	9.422	CC, ES, SF
Collins 18T-321 - Collins 18T-321 Wellbore #1 - Collins 1	17,947.0	6,605.0	1,776.3	1,598.7	10.126	CC, ES, SF
Cricket C22-30D Pad Sec.21-T4N-R64W						
Thoutt 1 - Thoutt 1 - Thoutt 1	8,277.2	6,741.9	476.7	405.3	6.885	CC, ES, SF
Drake Pad						
DRAKE 21N - Drake 21N - Drake 21N Final Surveys	8,700.0	18,013.7	1,994.2	1,483.8	3.921	ES, SF
DRAKE 21N - Drake 21N - Drake 21N Final Surveys	17,000.0	9,680.2	1,960.6	1,707.9	7.822	CC
DRAKE 22N - Drake 22N - Drake 22N Final Surveys	7,800.0	18,874.6	1,789.9	1,240.1	3.266	ES, SF
DRAKE 22N - Drake 22N - Drake 22N Final Surveys	16,958.3	9,711.0	1,737.4	1,485.4	6.953	CC
DRAKE 23N - Drake 23N - Drake 23N Final Surveys	7,800.0	18,174.5	1,559.7	1,039.8	3.009	ES, SF
DRAKE 23N - Drake 23N - Drake 23N Final Surveys	17,831.6	8,117.9	1,513.9	1,265.3	6.139	CC
DRAKE 24N - Drake 24N - Drake 24N Final Surveys	17,026.1	9,001.4	1,307.4	1,075.8	5.695	CC
DRAKE 24N - Drake 24N - Drake 24N Final Surveys	17,800.0	8,242.0	1,310.6	1,064.8	5.375	ES
DRAKE 24N - Drake 24N - Drake 24N Final Surveys	17,947.0	8,143.6	1,314.9	1,066.4	5.333	SF
DRAKE 24N - Drake 24N - Drake 24N Plan #2 12-13-23	7,800.0	18,238.3	1,400.4	876.4	2.681	ES, SF
DRAKE 24N - Drake 24N - Drake 24N Plan #2 12-13-23	16,967.3	9,073.9	1,308.1	1,068.6	5.509	CC
Existing Wells Sec.17-T4N-R64W						
OCOMA C17-13 - OCOMA C17-13 - OCOMA C17-13	17,652.2	6,845.9	1,863.0	1,327.5	3.490	CC, ES
OCOMA C17-13 - OCOMA C17-13 - OCOMA C17-13	17,700.0	6,845.8	1,863.7	1,327.7	3.489	SF
UPRR 36 PAN AM B #1 (Vert) - UPRR 36 PAN AM B #1	17,423.3	6,848.7	1,862.6	1,328.9	3.501	CC, ES
UPRR 36 PAN AM B #1 (Vert) - UPRR 36 PAN AM B #1	17,500.0	6,848.7	1,864.0	1,329.7	3.500	SF
UPRR OCOMA C17-14 (Vert) - UPRR OCOMA C17-14	16,101.7	6,818.6	1,801.9	1,281.5	3.474	CC, ES, SF
Existing Wells Sec.18-T4N-R64W						
Riter C18-16 - Riter C18-16 - Riter C18-16	17,947.0	6,737.9	1,966.5	1,736.4	8.629	CC, ES, SF
Existing Wells Sec.7-T4N-R64W						
Riter 'C' 18-16 (Exist.) - Wellbore #1 - Wellbore #1	17,947.0	6,861.0	1,913.8	1,580.5	5.776	CC, ES, SF

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

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Reference Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	3.50 sigma
Reference Wellbore	GEORGE 06N	Database:	US_EDM
Reference Design:	GEORGE 06N Final Surveys	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
George Pad						
GEORGE 01N - GEORGE 01N - GEORGE 01N Final Su	0.0	0.0	74.8			
GEORGE 01N - GEORGE 01N - GEORGE 01N Final Su	17,947.0	18,298.9	1,085.6	740.1	3.157	SF
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	0.0	0.0	59.8			
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	17,947.0	17,984.0	881.8	539.3	2.586	SF
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	358.8	359.6	44.0	35.4	6.773	CC
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	400.0	400.7	44.0	35.3	6.638	ES
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	17,947.0	18,154.0	649.7	306.5	1.899	SF
GEORGE 04N - GEORGE 04N - GEORGE 04N Final Su	0.0	0.0	29.8			
GEORGE 04N - GEORGE 04N - GEORGE 04N Final Su	17,947.0	17,945.0	400.2	57.5	1.169	Collision Monitoring, SF
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	0.0	0.0	14.9			
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	17,020.2	17,201.9	213.2	-94.0	0.691	Authorization, SF
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	17,947.0	18,129.0	234.6	-100.2	0.699	Authorization, ES
GEORGE 06N - GEORGE 06N - GEORGE 06N Plan #1	100.0	100.0	0.3	-7.9	-0.379	CC, SF
GEORGE 06N - GEORGE 06N - GEORGE 06N Plan #1	17,947.0	17,974.2	9.2	-316.4	0.021	Unacceptable Path, ES
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA Fina	622.4	622.1	6.0	-3.7	0.488	Unacceptable Path, CC, SF
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA Fina	17,947.0	18,088.0	256.3	-56.3	0.818	Shut in, ES
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA PLA	573.9	573.7	7.5	-2.2	0.692	Authorization, CC, SF
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA PLA	17,947.0	18,061.5	258.9	-50.9	0.834	Shut in, ES
GEORGE 08N - GEORGE 08N - GEORGE 08N Final Su	250.8	250.4	28.5	20.2	4.437	CC, ES
GEORGE 08N - GEORGE 08N - GEORGE 08N Final Su	17,947.0	17,981.7	463.0	122.6	1.363	Collision Monitoring, SF
GEORGE 08N - GEORGE 08N - GEORGE 08N PLAN #	253.5	253.2	28.9	20.5	4.424	CC, ES
GEORGE 08N - GEORGE 08N - GEORGE 08N PLAN #	17,947.0	17,985.2	452.8	111.9	1.331	Collision Monitoring, SF
GEORGE 09N - GEORGE 09N - GEORGE 09N Final Su	525.0	523.8	40.4	31.2	5.611	CC, ES
GEORGE 09N - GEORGE 09N - GEORGE 09N Final Su	17,947.0	17,944.9	674.2	330.6	1.969	SF
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	546.8	545.5	39.5	29.9	5.201	CC, ES
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	17,947.0	17,926.1	666.0	322.1	1.944	SF
GEORGE 10N - GEORGE 10N - GEORGE 10N Plan #1	125.6	128.2	59.9	51.9	9.964	CC, ES
GEORGE 10N - GEORGE 10N - GEORGE 10N Plan #1	17,947.0	17,975.0	888.9	545.5	2.598	SF
GEORGE 11N - GEORGE 11N - GEORGE 11N Plan #1	782.1	781.7	62.8	51.9	7.093	CC, ES
GEORGE 11N - GEORGE 11N - GEORGE 11N Plan #1	17,947.0	17,991.9	1,104.2	759.6	3.220	SF
GEORGE 12N - GEORGE 12N - GEORGE 12N Plan #1	770.7	769.8	77.6	66.7	8.909	CC, ES
GEORGE 12N - GEORGE 12N - GEORGE 12N Plan #1	17,947.0	18,072.0	1,325.9	979.8	3.851	SF
GEORGE 13N - GEORGE 13N - GEORGE 13N Plan #1	700.0	698.1	94.5	84.0	11.520	CC, ES
GEORGE 13N - GEORGE 13N - GEORGE 13N Plan #1	17,947.0	18,006.5	1,542.4	1,198.0	4.503	SF
GEORGE 14N - GEORGE 14N - GEORGE 14N Plan #1	599.6	597.3	112.0	102.2	14.809	CC, ES
GEORGE 14N - GEORGE 14N - GEORGE 14N Plan #1	17,947.0	18,062.3	1,763.1	1,417.7	5.134	SF
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Plar	509.4	506.0	130.2	120.8	18.440	CC, ES
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Plar	17,947.0	18,048.1	1,980.6	1,636.7	5.792	SF
GEORGE 16N - GEORGE 16N - GEORGE Plan #1 2-16	353.8	352.3	147.6	138.9	23.145	CC, ES
GEORGE 16N - GEORGE 16N - GEORGE Plan #1 2-16	900.0	870.3	184.4	172.9	19.937	SF
GEORGE 17N - GEORGE 17N - GEORGE 17N Plan #1 2-	234.9	234.1	163.8	155.4	27.184	CC, ES
GEORGE 17N - GEORGE 17N - GEORGE 17N Plan #1 2-	800.0	766.2	204.7	193.8	23.888	SF
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #1	100.0	100.0	179.9	171.7	30.774	CC, ES
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #1	3,300.0	3,031.5	909.7	874.1	27.366	SF
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	100.0	100.0	194.9	186.7	33.375	CC, ES
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	3,300.0	2,997.3	976.3	941.1	29.727	SF
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #1	116.3	116.1	209.9	201.9	35.943	CC, ES
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #1	900.0	834.6	292.1	280.9	32.166	SF
GEORGE 21N - GEORGE 21N - GEORGE 21N Plan #1 2-	1,372.0	1,370.9	202.2	187.2	15.610	CC, ES
GEORGE 21N - GEORGE 21N - GEORGE 21N Plan #1 2-	9,900.0	6,806.7	778.2	681.4	8.204	SF

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

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Reference Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	3.50 sigma
Reference Wellbore	GEORGE 06N	Database:	US_EDM
Reference Design:	GEORGE 06N Final Surveys	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
Long C20-18 Pad Sec.20-T4N-R64W						
Long C20-21D - Wellbore #1 - Wellbore #1	15,384.4	7,055.8	1,322.0	1,129.4	6.938	CC
Long C20-21D - Wellbore #1 - Wellbore #1	15,400.0	7,055.9	1,322.1	1,129.1	6.926	ES
Long C20-21D - Wellbore #1 - Wellbore #1	15,500.0	7,056.4	1,327.2	1,132.6	6.894	SF
Long C20-22D - Wellbore #1 - Wellbore #1	14,200.0	7,208.0	1,243.4	1,070.7	7.290	CC, ES
Long C20-22D - Wellbore #1 - Wellbore #1	14,204.0	7,207.9	1,243.5	1,070.8	7.288	SF
NEI C18-32D Pad Sec.18-T4N-R64W						
Oster C19-27D - Oster C19-27D - Oster C19-27D	17,947.0	7,804.6	1,908.9	1,733.3	11.015	CC, ES, SF
SEC.15-T4N-R64W (Existing)						
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,526.0	7,711.1	64.6	20.3	1.485	Collision Monitoring, CC,
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,600.0	7,708.7	100.7	31.2	1.466	Collision Monitoring, SF
SEC.19-T4N-R64W (Exist)						
CPC-OSTER 19-01 - CPC-OSTER 19-01 - CPC-OSTER	17,947.0	6,927.3	1,014.7	872.7	7.254	CC, ES, SF
OSTER PM C19-8 (Vert) - OSTER PM C19-8 - OSTER F	17,947.0	6,893.0	1,043.9	525.3	2.018	CC, ES, SF
SEC.20-T4N-R64W (Exist)						
Agricultural Products Inc 20-4I4 (Vert) - Agricultural Prodi	17,479.7	6,881.8	446.1	-89.9	0.831	Shut in, CC, ES, SF
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	16,164.9	6,853.3	811.6	603.4	3.932	CC
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	16,200.0	6,853.9	812.0	603.1	3.922	ES, SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,715.8	10,175.0	703.1	485.7	3.259	CC, ES, SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,600.0	10,787.8	385.1	269.0	3.365	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,700.0	10,790.2	372.5	262.6	3.443	CC, ES
LONG C20-17 (Vert) - LONG C20-17 - LONG C20-17	14,253.8	6,779.2	71.0	-98.4	0.411	Unacceptable Path, CC, ES
LONG C20-18 (Vert) - LONG C20-18 - LONG C20-18	15,355.9	6,824.6	93.3	-98.3	0.480	Unacceptable Path, CC, ES
LONG C20-21D - LONG C20-21D - LONG C20-21D	15,387.2	7,055.8	1,318.4	1,125.7	6.916	CC
LONG C20-21D - LONG C20-21D - LONG C20-21D	15,400.0	7,055.9	1,318.5	1,125.5	6.906	ES
LONG C20-21D - LONG C20-21D - LONG C20-21D	15,500.0	7,056.4	1,323.4	1,128.7	6.872	SF
LONG C20-22D - LONG C20-22D - LONG C20-22D	14,200.0	7,208.0	1,243.4	1,070.7	7.289	CC, ES
LONG C20-22D - LONG C20-22D - LONG C20-22D	14,300.0	7,206.5	1,249.4	1,075.9	7.289	SF
PREBISH 1 (Vert) - PREBISH 1 - PREBISH 1	16,185.6	6,832.6	518.0	-4.6	0.991	Shut in, CC, ES, SF
PREBISH 2 - PREBISH 2 - PREBISH 2	17,416.6	6,892.3	733.5	499.6	3.159	CC, ES, SF
PREBISH C20-19 - PREBISH C20-19 - PREBISH C20-1	16,747.0	6,867.5	62.4	-156.2	0.278	Unacceptable Path, CC, ES
TODD 1 - TODD 1 - TODD 1	13,497.9	6,762.8	631.2	476.7	4.134	CC, ES
TODD 1 - TODD 1 - TODD 1	13,500.0	6,762.7	631.3	476.7	4.133	SF
TODD 2 (Vert) - TODD 2 - TODD 2	14,869.2	6,807.9	334.6	-175.6	0.654	Authorization, CC, ES, SF
TODD 20-2 (Vert) - TODD 20-2 - TODD 20-2	14,676.8	6,805.0	318.7	-189.9	0.625	Authorization, CC, ES, SF
TODD 20-8 (Vert) - TODD 20-8 - TODD 20-8	13,623.3	6,804.5	838.4	336.7	1.674	CC, ES, SF
SEC.21-T4N-R64W (Exist)						
CHENOWETH 1 (Vert) - CHENOWETH 1 - CHENOWETH	10,916.2	6,799.9	245.4	-242.8	0.500	Authorization, CC, ES, SF
CHENOWETH 21-2 (Vert) - CHENOWETH 21-2 - CHENOWETH	9,566.4	6,770.6	491.5	9.1	1.019	Collision Monitoring, CC,
CHENOWETH 21-4 - CHENOWETH 21-4 - CHENOWETH	11,929.0	6,761.0	513.8	389.4	4.193	CC, ES, SF
HANSCOME C21-18 (Vert) - HANSCOME C21-18 - HAN	10,260.2	6,783.1	210.5	113.9	2.208	CC, ES, SF
HANSCOME C21-19 (Vert) - HANSCOME C21-19 - HAN	11,587.4	6,801.9	128.2	-362.7	0.257	Unacceptable Path, CC, ES
HANSCOME C21-79HN - HANSCOME C21-79HN - HAN	13,018.1	10,170.8	88.0	8.0	1.103	Collision Monitoring, CC,
LEONARD 2 - LEONARD 2 - LEONARD 2	12,169.8	6,784.7	832.1	703.8	6.589	CC, ES
LEONARD 2 - LEONARD 2 - LEONARD 2	12,200.0	6,784.6	832.8	703.9	6.567	SF
LEONARD 21-6I4 - LEONARD 21-6I4 - LEONARD 21-6I	10,936.6	6,786.3	764.8	658.4	7.333	CC, ES
LEONARD 21-6I4 - LEONARD 21-6I4 - LEONARD 21-6I	11,000.0	6,786.5	767.3	660.0	7.299	SF
LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4	2,079.5	1,976.9	124.2	-17.2	0.876	Shut in, CC
LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4	2,100.0	1,994.8	124.6	-18.0	0.872	Shut in, ES, SF
TRAVELERS 21-8I4 - TRAVELERS 21-8I4 - TRAVELER	3,887.9	3,488.9	75.3	39.9	2.212	CC, ES, SF

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

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	Local Co-ordinate Reference:	Well GEORGE 06N
Project:	SEC.21-T4N-R64W	TVD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Reference Site:	George Pad	MD Reference:	Well @ 4742.0ft (T41 - RKB 25')
Site Error:	0.0 ft	North Reference:	True
Reference Well:	GEORGE 06N	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0 ft	Output errors are at	3.50 sigma
Reference Wellbore	GEORGE 06N	Database:	US_EDM
Reference Design:	GEORGE 06N Final Surveys	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.22-T4N-R64W (Exist)						
JOHNSTON 22-4 - JOHNSTON 22-4 - JOHNSTON 22-4	6,850.0	6,034.0	565.0	513.5	11.461	CC, ES, SF
LYMAN 1 - LYMAN 1 - LYMAN 1	6,512.2	5,676.8	699.7	638.5	11.867	CC, ES
LYMAN 1 - LYMAN 1 - LYMAN 1	6,600.0	5,753.7	704.8	642.5	11.740	SF

Ensign

Anticollision Summary Report

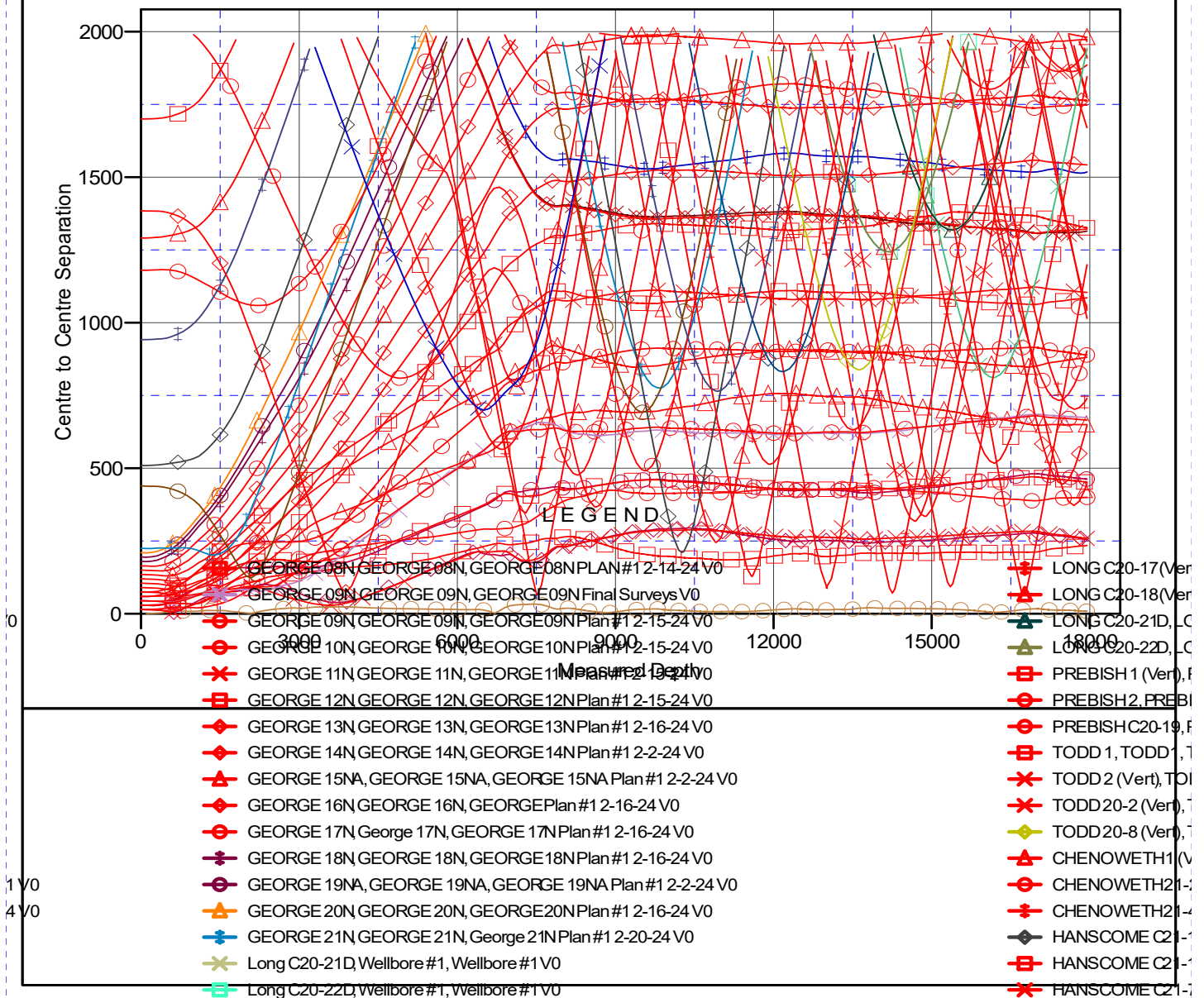
Company: Chevron DJ Basin
Project: SEC.21-T4N-R64W
Reference Site: George Pad
Site Error: 0.0 ft
Reference Well: GEORGE 06N
Well Error: 0.0 ft
Reference Wellbore: GEORGE 06N
Reference Design: GEORGE 06N Final Surveys

Local Co-ordinate Reference: Well GEORGE 06N
TVD Reference: Well @ 4742.0ft (T41 - RKB 25')
MD Reference: Well @ 4742.0ft (T41 - RKB 25')
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 3.50 sigma
Database: US_EDM
Offset TVD Reference: Offset Datum

Reference Depths are relative to Well @ 4742.0ft (T41 - RKB 25')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: GEORGE 06N
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.61°

Ladder Plot



Ensign

Anticollision Summary Report

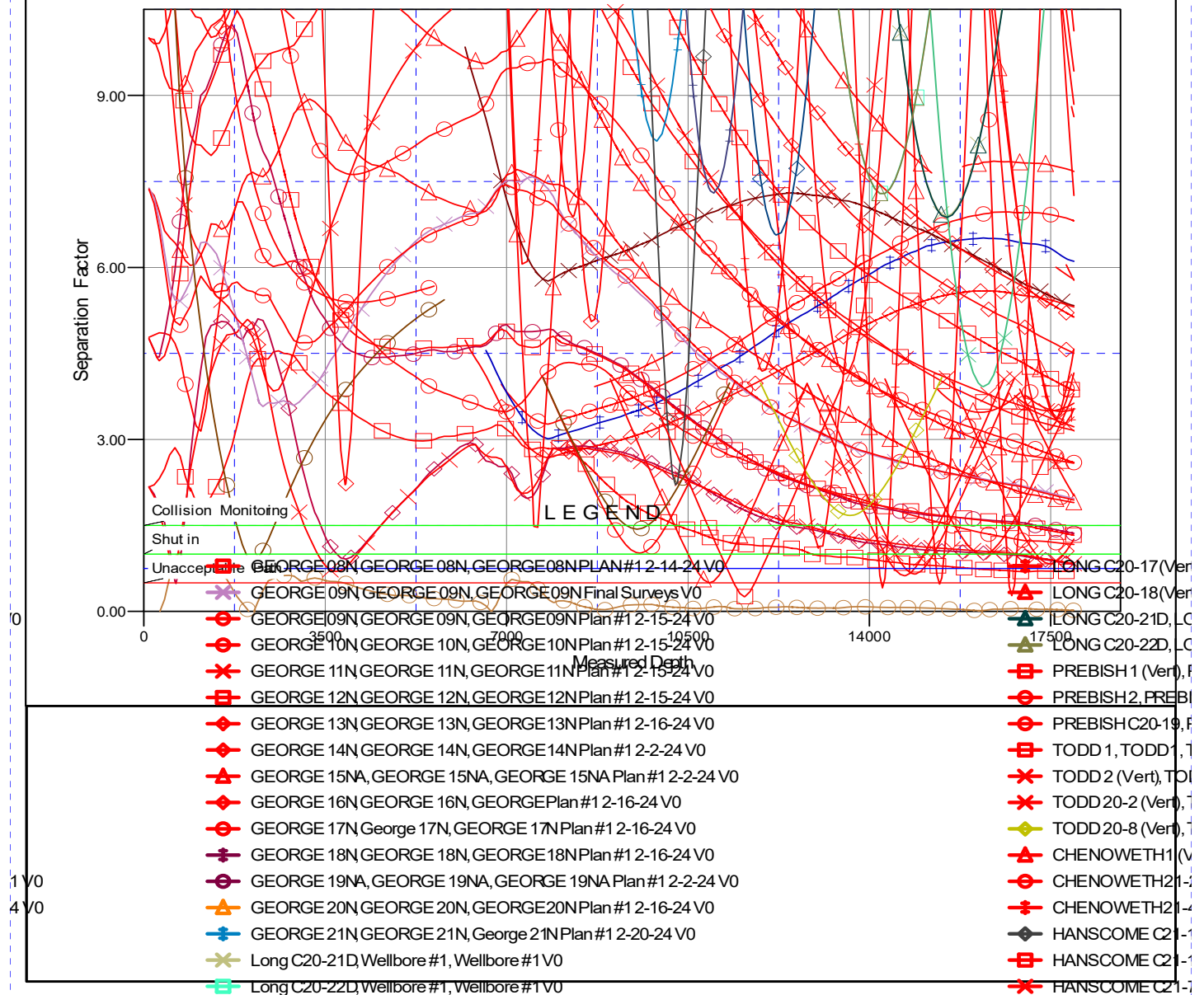
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Project: SEC.21-T4N-R64W
Reference Site: George Pad
Site Error: 0.0 ft
Reference Well: GEORGE 06N
Well Error: 0.0 ft
Reference Wellbore: GEORGE 06N
Reference Design: GEORGE 06N Final Surveys

Local Co-ordinate Reference: Well GEORGE 06N
TVD Reference: Well @ 4742.0ft (T41 - RKB 25')
MD Reference: Well @ 4742.0ft (T41 - RKB 25')
North Reference: True
Survey Calculation Method: Minimum Curvature
Output errors are at 3.50 sigma
Database: US_EDM
Offset TVD Reference: Offset Datum

Reference Depths are relative to Well @ 4742.0ft (T41 - RKB 25')
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: GEORGE 06N
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.61°

Separation Factor Plot



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