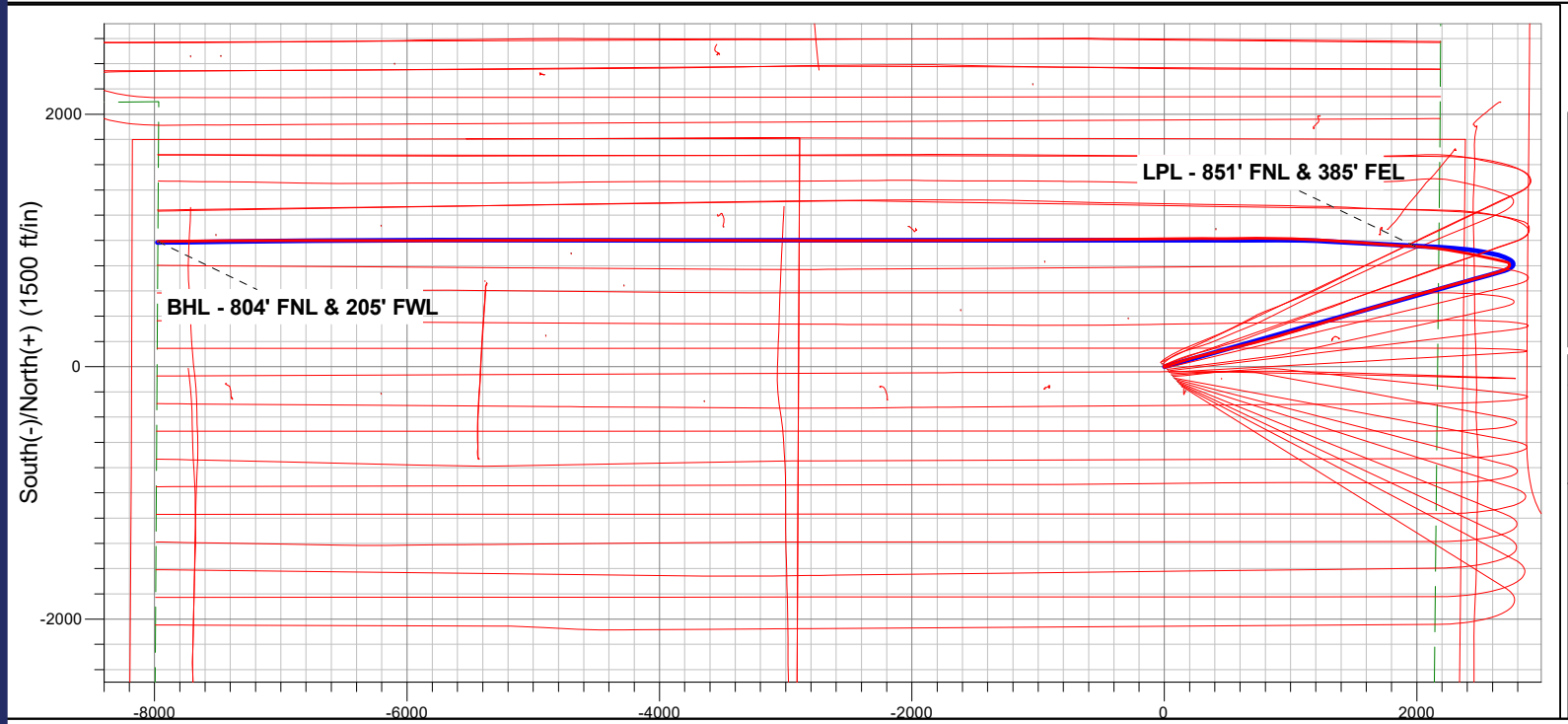
Chevron DJ Basin

GEORGE 04N
George Pad
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4717.0

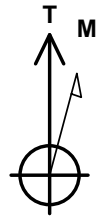
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1353613.39	3263634.75	40.300212	-104.554785

T41 - RKB 25' WELL @ 4742.0ft (T41 - RKB 25')

ENSIGN Directional



George Pad
GEORGE 04N
GEORGE 04N Final Surveys
11:18, March 28 2024



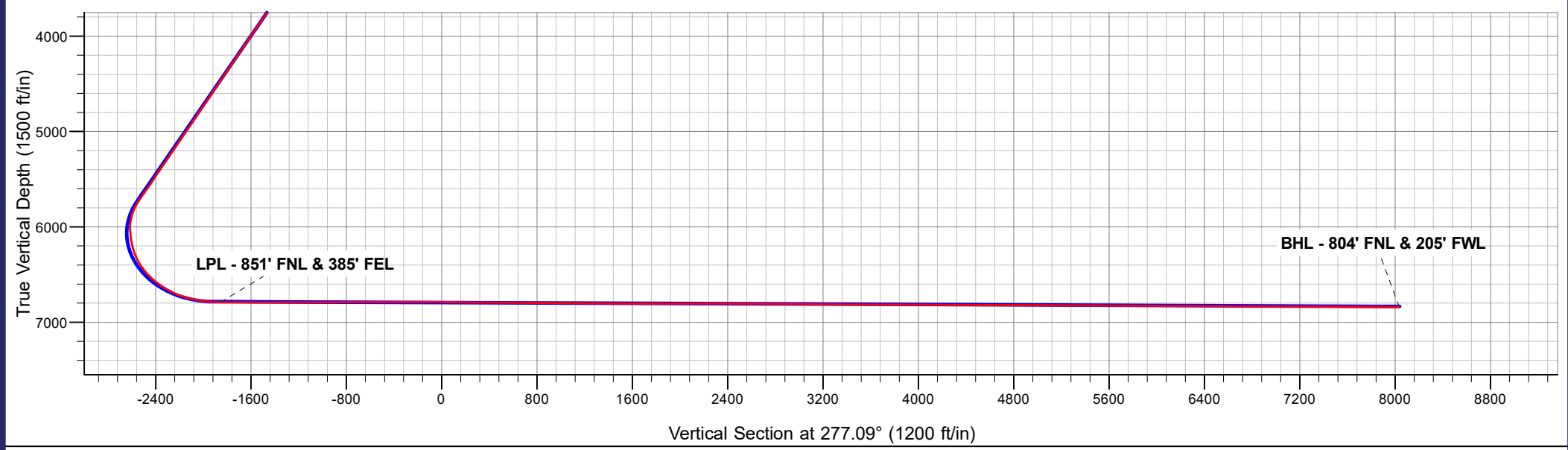
Azimuths to True North
Magnetic North: 7.66°

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

ANNOTATIONS

MD	TVD	Annotation
7978.0	6789.5	LPL - 851' FNL & 385' FEL
17945.0	6840.0	BHL - 804' FNL & 205' FWL

FINAL SURVEY
Projected Bottom Hole Location
17945.0' MD / 6840.0' TVD
89.74° INC / 269.36° AZM
805' FNL / 205' FWL



Chevron DJ Basin

SEC.21-T4N-R64W
George Pad
GEORGE 04N

GEORGE 04N

Design: GEORGE 04N Final Surveys

Survey Report - Geographic

28 March, 2024

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**North Reference:**	True
Wellbore:	GEORGE 04N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 04N 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 04N					
Well Position	**+N/-S**	0.0 ft	**Northing:**	1,353,613.39 usft	**Latitude:**	40.300212
	+E/-W	0.0 ft	**Easting:**	3,263,634.75 usft	**Longitude:**	-104.554785
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,717.0 ft

Wellbore	GEORGE 04N				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	HRGM	02/14/2024	7.66	66.54	51,621.02258837

Design	GEORGE 04N 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	277.09

Survey Program **Date** 03/28/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,945.0	Survey #1 (GEORGE 04N)	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	1,353,613.39	3,263,634.75	40.300212	-104.554785
208.0	0.97	213.50	208.0	-1.5	-1.0	1,353,611.91	3,263,633.79	40.300208	-104.554788
300.0	1.06	229.85	300.0	-2.7	-2.1	1,353,610.70	3,263,632.73	40.300205	-104.554792
394.0	0.44	162.35	394.0	-3.6	-2.6	1,353,609.79	3,263,632.18	40.300202	-104.554794
488.0	1.14	92.03	488.0	-3.9	-1.6	1,353,609.43	3,263,633.23	40.300201	-104.554791
582.0	3.87	66.72	581.9	-2.7	2.3	1,353,610.69	3,263,637.06	40.300205	-104.554777
677.0	5.10	62.33	676.6	0.5	9.0	1,353,613.99	3,263,643.71	40.300213	-104.554753
771.0	8.27	68.48	769.9	4.9	19.0	1,353,618.52	3,263,653.66	40.300226	-104.554717
865.0	11.43	66.90	862.5	11.1	33.8	1,353,624.81	3,263,668.45	40.300242	-104.554664
958.0	13.98	73.58	953.2	17.9	53.1	1,353,631.81	3,263,687.63	40.300261	-104.554595
1,052.0	15.65	76.21	1,044.1	24.1	76.3	1,353,638.28	3,263,710.77	40.300278	-104.554511
1,146.0	18.47	72.52	1,134.0	31.6	102.8	1,353,646.06	3,263,737.21	40.300299	-104.554416

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**North Reference:**	True
Wellbore:	GEORGE 04N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 04N 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
1,239.0	20.93	70.24	1,221.5	41.6	132.5	1,353,656.42	3,263,766.79	40.300326	-104.554310
1,334.0	23.92	72.87	1,309.3	53.0	166.9	1,353,668.20	3,263,801.05	40.300358	-104.554187
1,428.0	26.47	75.34	1,394.4	64.0	205.4	1,353,679.52	3,263,839.41	40.300388	-104.554049
1,522.0	28.49	75.69	1,477.8	74.8	247.4	1,353,690.82	3,263,881.29	40.300417	-104.553898
1,616.0	29.81	75.86	1,559.9	86.0	291.7	1,353,702.54	3,263,925.55	40.300448	-104.553739
1,710.0	29.37	76.39	1,641.6	97.2	336.8	1,353,714.15	3,263,970.48	40.300479	-104.553577
1,804.0	29.02	75.69	1,723.7	108.2	381.3	1,353,725.68	3,264,014.86	40.300509	-104.553418
1,897.0	28.75	76.39	1,805.1	119.1	424.9	1,353,736.98	3,264,058.33	40.300539	-104.553262
1,955.0	28.40	75.34	1,856.0	125.8	451.8	1,353,744.04	3,264,085.16	40.300557	-104.553165
2,057.0	27.83	77.67	1,946.0	137.1	498.5	1,353,755.76	3,264,131.77	40.300588	-104.552998
2,150.0	26.80	75.54	2,028.6	146.9	540.0	1,353,766.08	3,264,173.17	40.300615	-104.552849
2,243.0	27.05	77.84	2,111.6	156.6	581.0	1,353,776.20	3,264,214.04	40.300642	-104.552702
2,337.0	28.27	74.50	2,194.8	167.1	623.4	1,353,787.10	3,264,256.27	40.300671	-104.552550
2,430.0	29.95	76.52	2,276.1	178.4	667.2	1,353,798.87	3,264,299.95	40.300702	-104.552393
2,525.0	31.69	75.38	2,357.6	190.2	714.4	1,353,811.20	3,264,347.03	40.300734	-104.552224
2,619.0	31.59	75.34	2,437.7	202.7	762.1	1,353,824.17	3,264,394.60	40.300768	-104.552053
2,713.0	32.11	74.99	2,517.5	215.4	810.0	1,353,837.38	3,264,442.41	40.300803	-104.551881
2,806.0	32.32	73.52	2,596.2	228.8	857.7	1,353,851.34	3,264,489.97	40.300840	-104.551710
2,901.0	31.72	74.54	2,676.8	242.7	906.2	1,353,865.72	3,264,538.24	40.300878	-104.551536
2,994.0	32.25	72.51	2,755.6	256.7	953.4	1,353,880.19	3,264,585.32	40.300917	-104.551367
3,089.0	32.03	74.38	2,836.1	271.1	1,001.8	1,353,895.11	3,264,633.60	40.300956	-104.551193
3,182.0	32.47	73.62	2,914.7	284.7	1,049.5	1,353,909.30	3,264,681.15	40.300994	-104.551022
3,277.0	31.59	73.32	2,995.3	299.1	1,097.8	1,353,924.14	3,264,729.30	40.301033	-104.550849
3,371.0	30.65	73.28	3,075.7	313.0	1,144.4	1,353,938.60	3,264,775.68	40.301071	-104.550682
3,465.0	31.70	73.95	3,156.2	326.8	1,191.1	1,353,952.82	3,264,822.21	40.301109	-104.550515
3,559.0	30.16	72.92	3,236.8	340.5	1,237.4	1,353,967.07	3,264,868.37	40.301147	-104.550349
3,653.0	29.97	74.05	3,318.2	353.9	1,282.5	1,353,980.94	3,264,913.37	40.301183	-104.550187
3,747.0	29.79	70.77	3,399.7	368.1	1,327.1	1,353,995.56	3,264,957.84	40.301222	-104.550027
3,841.0	30.85	72.86	3,480.8	382.9	1,372.2	1,354,010.83	3,265,002.76	40.301263	-104.549865
3,935.0	30.97	74.05	3,561.5	396.6	1,418.5	1,354,025.07	3,265,048.89	40.301301	-104.549699
4,029.0	31.58	73.68	3,641.8	410.2	1,465.4	1,354,039.13	3,265,095.62	40.301338	-104.549531
4,123.0	31.18	72.84	3,722.0	424.3	1,512.3	1,354,053.73	3,265,142.33	40.301376	-104.549363
4,216.0	31.19	73.35	3,801.6	438.3	1,558.3	1,354,068.22	3,265,188.26	40.301415	-104.549198
4,310.0	31.13	72.74	3,882.0	452.4	1,604.9	1,354,082.90	3,265,234.62	40.301454	-104.549031
4,405.0	30.89	73.21	3,963.5	466.8	1,651.7	1,354,097.73	3,265,281.26	40.301493	-104.548864
4,499.0	31.28	74.27	4,044.0	480.4	1,698.2	1,354,111.81	3,265,327.70	40.301530	-104.548696
4,593.0	29.85	74.17	4,124.9	493.4	1,744.2	1,354,125.29	3,265,373.56	40.301566	-104.548532
4,687.0	30.74	74.19	4,206.1	506.3	1,789.9	1,354,138.71	3,265,419.04	40.301602	-104.548368
4,781.0	30.32	72.07	4,287.0	520.1	1,835.6	1,354,153.04	3,265,464.58	40.301640	-104.548204
4,874.0	31.02	73.10	4,367.0	534.3	1,880.8	1,354,167.72	3,265,509.69	40.301679	-104.548042
4,968.0	30.79	73.67	4,447.7	548.1	1,927.1	1,354,182.01	3,265,555.80	40.301716	-104.547876
5,062.0	30.48	73.83	4,528.6	561.5	1,973.1	1,354,195.91	3,265,601.64	40.301753	-104.547711
5,156.0	30.98	73.81	4,609.4	574.9	2,019.2	1,354,209.78	3,265,647.62	40.301790	-104.547546
5,250.0	30.89	74.70	4,690.0	588.0	2,065.7	1,354,223.39	3,265,693.98	40.301826	-104.547379
5,345.0	30.65	74.91	4,771.6	600.8	2,112.6	1,354,236.63	3,265,740.74	40.301861	-104.547211
5,439.0	30.13	74.40	4,852.7	613.4	2,158.5	1,354,249.70	3,265,786.46	40.301895	-104.547046
5,533.0	29.44	74.47	4,934.3	625.9	2,203.5	1,354,262.70	3,265,831.31	40.301930	-104.546885
5,628.0	30.97	74.91	5,016.4	638.5	2,249.5	1,354,275.81	3,265,877.26	40.301964	-104.546720
5,722.0	30.16	74.98	5,097.3	650.9	2,295.7	1,354,288.72	3,265,923.29	40.301998	-104.546554
5,816.0	30.69	73.83	5,178.4	663.7	2,341.6	1,354,302.00	3,265,968.99	40.302034	-104.546390
5,909.0	30.47	74.49	5,258.4	676.6	2,387.1	1,354,315.40	3,266,014.36	40.302069	-104.546227
6,004.0	31.10	74.95	5,340.1	689.4	2,434.0	1,354,328.71	3,266,061.13	40.302104	-104.546059
6,098.0	30.82	74.04	5,420.7	702.4	2,480.6	1,354,342.13	3,266,107.58	40.302140	-104.545892
6,192.0	29.94	75.24	5,501.8	715.0	2,526.4	1,354,355.22	3,266,153.28	40.302174	-104.545727
6,286.0	30.45	73.49	5,583.0	727.7	2,571.9	1,354,368.45	3,266,198.66	40.302209	-104.545564

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**North Reference:**	True
Wellbore:	GEORGE 04N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 04N 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
6,379.0	30.88	74.38	5,663.0	740.8	2,617.5	1,354,382.06	3,266,244.09	40.302245	-104.545401
6,474.0	30.20	72.54	5,744.8	754.6	2,663.8	1,354,396.28	3,266,290.22	40.302283	-104.545235
6,568.0	21.73	61.45	5,829.3	770.0	2,701.7	1,354,412.13	3,266,327.98	40.302325	-104.545099
6,662.0	15.01	44.34	5,918.5	787.1	2,725.5	1,354,429.44	3,266,351.63	40.302372	-104.545013
6,755.0	9.57	8.53	6,009.5	803.4	2,735.1	1,354,445.83	3,266,361.04	40.302417	-104.544979
6,849.0	9.01	324.73	6,102.4	817.1	2,732.0	1,354,459.55	3,266,357.80	40.302455	-104.544990
6,944.0	10.80	289.25	6,196.0	826.1	2,719.3	1,354,468.43	3,266,344.99	40.302479	-104.545036
7,038.0	17.69	280.83	6,287.1	831.7	2,697.0	1,354,473.79	3,266,322.56	40.302495	-104.545116
7,132.0	24.69	280.77	6,374.7	838.1	2,663.6	1,354,479.79	3,266,289.14	40.302512	-104.545235
7,227.0	32.53	283.23	6,458.0	847.7	2,619.2	1,354,488.88	3,266,244.62	40.302538	-104.545395
7,320.0	40.86	284.19	6,532.5	860.9	2,565.2	1,354,501.51	3,266,190.55	40.302575	-104.545588
7,414.0	48.07	281.88	6,599.6	875.6	2,501.1	1,354,515.58	3,266,126.29	40.302615	-104.545818
7,508.0	54.12	281.09	6,658.6	890.2	2,429.5	1,354,529.35	3,266,054.48	40.302655	-104.546075
7,602.0	61.82	281.06	6,708.4	905.5	2,351.3	1,354,543.81	3,265,976.18	40.302697	-104.546355
7,696.0	71.54	279.71	6,745.6	921.0	2,266.5	1,354,558.41	3,265,891.22	40.302740	-104.546659
7,790.0	77.01	277.75	6,771.0	934.7	2,177.1	1,354,571.17	3,265,801.68	40.302777	-104.546980
7,884.0	85.40	274.63	6,785.4	944.6	2,084.9	1,354,580.16	3,265,709.32	40.302805	-104.547310
7,978.0	89.58	273.67	6,789.5	951.4	1,991.2	1,354,585.95	3,265,615.62	40.302823	-104.547646
LPL - 851' FNL & 385' FEL									
8,072.0	89.33	273.44	6,790.4	957.3	1,897.4	1,354,590.78	3,265,521.75	40.302839	-104.547982
8,166.0	89.38	274.09	6,791.5	963.4	1,803.6	1,354,595.95	3,265,427.90	40.302856	-104.548319
8,260.0	89.78	273.95	6,792.2	970.0	1,709.8	1,354,601.54	3,265,334.08	40.302875	-104.548655
8,353.0	90.09	273.45	6,792.3	976.0	1,617.0	1,354,606.55	3,265,241.22	40.302891	-104.548988
8,447.0	90.12	274.75	6,792.1	982.7	1,523.3	1,354,612.28	3,265,147.40	40.302909	-104.549324
8,541.0	90.13	274.68	6,791.9	990.5	1,429.6	1,354,619.00	3,265,053.64	40.302931	-104.549660
8,636.0	89.90	273.94	6,791.9	997.6	1,334.9	1,354,625.13	3,264,958.84	40.302950	-104.549999
8,730.0	89.95	273.64	6,792.0	1,003.8	1,241.1	1,354,630.34	3,264,864.99	40.302967	-104.550335
8,824.0	90.38	272.90	6,791.7	1,009.2	1,147.2	1,354,634.71	3,264,771.10	40.302982	-104.550672
8,917.0	90.73	271.75	6,790.8	1,013.0	1,054.3	1,354,637.49	3,264,678.15	40.302992	-104.551005
9,011.0	90.67	270.95	6,789.7	1,015.2	960.3	1,354,638.70	3,264,584.17	40.302999	-104.551342
9,104.0	90.12	269.60	6,789.0	1,015.6	867.3	1,354,638.16	3,264,491.18	40.303000	-104.551675
9,197.0	90.45	269.70	6,788.6	1,015.1	774.3	1,354,636.60	3,264,398.20	40.302998	-104.552009
9,292.0	89.95	270.07	6,788.2	1,014.9	679.4	1,354,635.39	3,264,303.21	40.302998	-104.552349
9,385.0	89.66	269.68	6,788.6	1,014.7	586.4	1,354,634.20	3,264,210.23	40.302997	-104.552683
9,479.0	90.57	269.91	6,788.4	1,014.3	492.4	1,354,632.86	3,264,116.24	40.302996	-104.553020
9,572.0	90.07	270.22	6,787.8	1,014.4	399.4	1,354,631.97	3,264,023.25	40.302997	-104.553353
9,666.0	90.17	270.11	6,787.6	1,014.7	305.4	1,354,631.24	3,263,929.26	40.302997	-104.553690
9,760.0	89.53	269.80	6,787.9	1,014.6	211.4	1,354,630.17	3,263,835.27	40.302997	-104.554027
9,854.0	89.07	269.45	6,789.0	1,014.0	117.4	1,354,628.55	3,263,741.30	40.302995	-104.554364
9,947.0	89.17	269.00	6,790.5	1,012.8	24.4	1,354,626.30	3,263,648.34	40.302992	-104.554698
10,041.0	88.81	270.02	6,792.1	1,011.9	-69.6	1,354,624.50	3,263,554.38	40.302990	-104.555034
10,135.0	89.45	269.17	6,793.6	1,011.3	-163.6	1,354,622.83	3,263,460.41	40.302988	-104.555371
10,229.0	90.19	269.54	6,793.8	1,010.2	-257.6	1,354,620.77	3,263,366.44	40.302985	-104.555708
10,323.0	89.21	269.60	6,794.3	1,009.5	-351.6	1,354,619.06	3,263,272.46	40.302983	-104.556045
10,417.0	89.89	269.49	6,795.1	1,008.8	-445.6	1,354,617.32	3,263,178.48	40.302981	-104.556382
10,511.0	89.76	269.56	6,795.4	1,008.0	-539.6	1,354,615.53	3,263,084.50	40.302979	-104.556719
10,604.0	89.03	269.13	6,796.3	1,006.9	-632.5	1,354,613.48	3,262,991.54	40.302976	-104.557053
10,698.0	89.24	269.26	6,797.8	1,005.6	-726.5	1,354,611.16	3,262,897.58	40.302972	-104.557390
10,792.0	89.50	269.07	6,798.8	1,004.2	-820.5	1,354,608.79	3,262,803.62	40.302969	-104.557727
10,887.0	90.20	269.63	6,799.0	1,003.2	-915.5	1,354,606.70	3,262,708.65	40.302966	-104.558067
10,980.0	89.04	269.94	6,799.7	1,002.8	-1,008.5	1,354,605.36	3,262,615.67	40.302965	-104.558401
11,074.0	89.07	269.45	6,801.2	1,002.3	-1,102.5	1,354,603.85	3,262,521.69	40.302963	-104.558738
11,167.0	89.42	269.20	6,802.4	1,001.2	-1,195.5	1,354,601.77	3,262,428.73	40.302960	-104.559071
11,262.0	90.20	269.46	6,802.8	1,000.1	-1,290.5	1,354,599.64	3,262,333.76	40.302957	-104.559412
11,356.0	89.70	270.67	6,802.8	1,000.2	-1,384.5	1,354,598.75	3,262,239.77	40.302957	-104.559749

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**North Reference:**	True
Wellbore:	GEORGE 04N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 04N 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
11,450.0	89.44	270.23	6,803.5	1,001.0	-1,478.5	1,354,598.49	3,262,145.78	40.302959	-104.560086
11,544.0	89.32	270.31	6,804.6	1,001.4	-1,572.4	1,354,597.93	3,262,051.79	40.302961	-104.560423
11,638.0	89.95	269.65	6,805.2	1,001.4	-1,666.4	1,354,596.89	3,261,957.80	40.302961	-104.560760
11,733.0	90.32	269.90	6,804.9	1,001.0	-1,761.4	1,354,595.51	3,261,862.82	40.302960	-104.561100
11,827.0	90.23	270.47	6,804.5	1,001.3	-1,855.4	1,354,594.81	3,261,768.83	40.302960	-104.561437
11,921.0	90.30	270.05	6,804.1	1,001.7	-1,949.4	1,354,594.23	3,261,674.83	40.302961	-104.561774
12,015.0	90.21	269.30	6,803.6	1,001.2	-2,043.4	1,354,592.70	3,261,580.85	40.302960	-104.562111
12,109.0	90.36	269.92	6,803.2	1,000.5	-2,137.4	1,354,591.06	3,261,486.87	40.302958	-104.562448
12,203.0	89.07	269.20	6,803.6	999.8	-2,231.4	1,354,589.33	3,261,392.90	40.302956	-104.562785
12,297.0	89.33	269.48	6,804.9	998.7	-2,325.4	1,354,587.25	3,261,298.93	40.302953	-104.563122
12,390.0	89.94	269.60	6,805.5	998.0	-2,418.4	1,354,585.51	3,261,205.95	40.302951	-104.563456
12,484.0	89.19	269.46	6,806.3	997.2	-2,512.4	1,354,583.74	3,261,111.98	40.302949	-104.563793
12,577.0	89.11	269.93	6,807.6	996.7	-2,605.4	1,354,582.25	3,261,019.01	40.302948	-104.564126
12,671.0	89.13	270.64	6,809.1	997.2	-2,699.4	1,354,581.72	3,260,925.02	40.302949	-104.564463
12,764.0	89.80	269.66	6,809.9	997.4	-2,792.4	1,354,580.97	3,260,832.04	40.302950	-104.564796
12,858.0	89.73	270.85	6,810.3	997.9	-2,886.4	1,354,580.39	3,260,738.04	40.302951	-104.565133
12,952.0	89.31	270.51	6,811.1	999.0	-2,980.4	1,354,580.50	3,260,644.05	40.302954	-104.565470
13,046.0	89.55	270.85	6,812.1	1,000.1	-3,074.3	1,354,580.61	3,260,550.06	40.302957	-104.565807
13,140.0	90.11	270.08	6,812.3	1,000.9	-3,168.3	1,354,580.37	3,260,456.07	40.302959	-104.566144
13,234.0	88.80	269.74	6,813.2	1,000.7	-3,262.3	1,354,579.22	3,260,362.08	40.302958	-104.566481
13,328.0	89.29	270.02	6,814.8	1,000.5	-3,356.3	1,354,578.03	3,260,268.11	40.302958	-104.566818
13,421.0	89.88	269.96	6,815.5	1,000.5	-3,449.3	1,354,577.02	3,260,175.12	40.302958	-104.567152
13,514.0	89.90	270.66	6,815.6	1,001.0	-3,542.3	1,354,576.53	3,260,082.13	40.302959	-104.567485
13,609.0	89.90	269.91	6,815.8	1,001.5	-3,637.3	1,354,575.99	3,259,987.14	40.302960	-104.567826
13,702.0	90.15	270.37	6,815.8	1,001.7	-3,730.3	1,354,575.23	3,259,894.14	40.302961	-104.568159
13,797.0	89.85	270.32	6,815.8	1,002.3	-3,825.3	1,354,574.79	3,259,799.15	40.302962	-104.568500
13,891.0	89.38	269.80	6,816.4	1,002.4	-3,919.3	1,354,573.88	3,259,705.16	40.302963	-104.568837
13,984.0	89.49	270.21	6,817.3	1,002.4	-4,012.3	1,354,572.90	3,259,612.17	40.302963	-104.569170
14,078.0	89.56	269.67	6,818.1	1,002.3	-4,106.3	1,354,571.80	3,259,518.19	40.302962	-104.569507
14,171.0	90.11	269.91	6,818.4	1,001.9	-4,199.3	1,354,570.47	3,259,425.20	40.302961	-104.569840
14,265.0	89.52	270.54	6,818.7	1,002.3	-4,293.3	1,354,569.83	3,259,331.21	40.302962	-104.570177
14,358.0	89.21	269.93	6,819.7	1,002.7	-4,386.3	1,354,569.22	3,259,238.22	40.302963	-104.570511
14,452.0	90.23	269.88	6,820.2	1,002.5	-4,480.3	1,354,568.07	3,259,144.24	40.302963	-104.570848
14,546.0	89.31	269.34	6,820.5	1,001.9	-4,574.3	1,354,566.42	3,259,050.26	40.302961	-104.571185
14,639.0	89.74	269.97	6,821.3	1,001.3	-4,667.3	1,354,564.87	3,258,957.28	40.302959	-104.571518
14,732.0	90.08	269.72	6,821.5	1,001.1	-4,760.3	1,354,563.63	3,258,864.29	40.302959	-104.571852
14,826.0	89.63	269.97	6,821.7	1,000.8	-4,854.3	1,354,562.37	3,258,770.30	40.302958	-104.572189
14,920.0	89.73	269.77	6,822.2	1,000.6	-4,948.3	1,354,561.16	3,258,676.32	40.302957	-104.572526
15,014.0	89.64	269.80	6,822.7	1,000.3	-5,042.3	1,354,559.81	3,258,582.33	40.302956	-104.572863
15,108.0	89.84	269.92	6,823.2	1,000.0	-5,136.3	1,354,558.57	3,258,488.35	40.302956	-104.573200
15,202.0	89.67	270.08	6,823.6	1,000.0	-5,230.3	1,354,557.57	3,258,394.36	40.302956	-104.573537
15,296.0	90.11	269.88	6,823.7	1,000.0	-5,324.3	1,354,556.54	3,258,300.37	40.302955	-104.573874
15,391.0	89.37	269.99	6,824.2	999.9	-5,419.3	1,354,555.42	3,258,205.38	40.302955	-104.574214
15,484.0	90.06	269.64	6,824.6	999.6	-5,512.3	1,354,554.13	3,258,112.39	40.302954	-104.574548
15,579.0	89.01	269.87	6,825.4	999.2	-5,607.3	1,354,552.71	3,258,017.41	40.302953	-104.574888
15,673.0	89.14	269.61	6,826.9	998.8	-5,701.2	1,354,551.28	3,257,923.44	40.302952	-104.575225
15,767.0	89.98	269.88	6,827.6	998.3	-5,795.2	1,354,549.86	3,257,829.46	40.302951	-104.575562
15,862.0	89.95	270.02	6,827.7	998.3	-5,890.2	1,354,548.76	3,257,734.47	40.302950	-104.575903
15,955.0	89.89	270.15	6,827.8	998.4	-5,983.2	1,354,547.91	3,257,641.48	40.302951	-104.576236
16,049.0	89.17	269.38	6,828.6	998.0	-6,077.2	1,354,546.52	3,257,547.50	40.302949	-104.576573
16,143.0	89.58	269.75	6,829.6	997.3	-6,171.2	1,354,544.81	3,257,453.52	40.302947	-104.576910
16,237.0	89.65	269.99	6,830.3	997.1	-6,265.2	1,354,543.59	3,257,359.54	40.302947	-104.577247
16,331.0	89.86	269.88	6,830.7	997.0	-6,359.2	1,354,542.48	3,257,265.55	40.302946	-104.577584
16,425.0	89.31	270.30	6,831.3	997.1	-6,453.2	1,354,541.63	3,257,171.56	40.302947	-104.577921
16,519.0	89.58	270.04	6,832.3	997.4	-6,547.2	1,354,540.91	3,257,077.57	40.302947	-104.578258

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**North Reference:**	True
Wellbore:	GEORGE 04N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 04N 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
16,613.0	89.99	270.92	6,832.6	998.2	-6,641.2	1,354,540.69	3,256,983.58	40.302950	-104.578595
16,707.0	89.34	270.11	6,833.2	999.0	-6,735.2	1,354,540.53	3,256,889.59	40.302952	-104.578932
16,800.0	89.84	269.90	6,833.8	999.0	-6,828.2	1,354,539.55	3,256,796.60	40.302952	-104.579266
16,894.0	89.08	269.74	6,834.7	998.7	-6,922.2	1,354,538.25	3,256,702.62	40.302951	-104.579603
16,988.0	89.61	270.13	6,835.8	998.6	-7,016.2	1,354,537.15	3,256,608.63	40.302951	-104.579940
17,081.0	90.11	269.57	6,836.0	998.4	-7,109.2	1,354,535.91	3,256,515.65	40.302950	-104.580273
17,176.0	89.91	269.54	6,836.0	997.7	-7,204.2	1,354,534.16	3,256,420.67	40.302948	-104.580614
17,270.0	89.63	271.40	6,836.4	998.4	-7,298.2	1,354,533.93	3,256,326.68	40.302950	-104.580951
17,364.0	89.78	269.57	6,836.9	999.2	-7,392.2	1,354,533.72	3,256,232.69	40.302952	-104.581288
17,457.0	89.89	269.55	6,837.1	998.5	-7,485.2	1,354,532.02	3,256,139.71	40.302950	-104.581621
17,551.0	89.51	268.95	6,837.6	997.3	-7,579.2	1,354,529.79	3,256,045.74	40.302946	-104.581958
17,645.0	89.85	269.36	6,838.1	995.9	-7,673.1	1,354,527.40	3,255,951.78	40.302942	-104.582295
17,739.0	89.43	269.18	6,838.7	994.7	-7,767.1	1,354,525.20	3,255,857.81	40.302939	-104.582632
17,832.0	89.71	269.06	6,839.4	993.3	-7,860.1	1,354,522.78	3,255,764.85	40.302935	-104.582965
17,890.0	89.74	269.36	6,839.7	992.5	-7,918.1	1,354,521.36	3,255,706.87	40.302933	-104.583173
17,945.0	89.74	269.36	6,840.0	991.9	-7,973.1	1,354,520.16	3,255,651.88	40.302931	-104.583370
BHL - 804' FNL & 205' FWL									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
7,978.0	6,789.5	951.4	1,991.2	LPL - 851' FNL & 385' FEL
17,945.0	6,840.0	991.9	-7,973.1	BHL - 804' FNL & 205' FWL

Checked By: _____ Approved By: _____ Date: _____

Chevron DJ Basin

SEC.21-T4N-R64W
George Pad
GEORGE 04N

GEORGE 04N
GEORGE 04N Final Surveys

Anticollision Summary Report

28 March, 2024

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N Final Surveys	**Offset TVD Reference:**	Offset Datum

Reference	GEORGE 04N 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** 03/28/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,945.0	Survey #1 (GEORGE 04N)	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
Borys Pad						
BORYS C22-775 - BORYS C22-775 - BORYS C22-775	7,131.1	8,772.6	792.9	730.4	13.150	CC, ES
BORYS C22-775 - BORYS C22-775 - BORYS C22-775	7,200.0	8,778.8	799.0	734.7	12.893	SF
BORYS C22-783 - BORYS C22-783 - BORYS C22-783	7,300.0	8,960.3	357.3	295.5	5.983	CC, ES
BORYS C22-783 - BORYS C22-783 - BORYS C22-783	7,300.0	8,960.3	357.3	295.5	5.983	SF
Collins 4N64W18T Pad Sec.18-T4N-R64W						
Collins 18T-201 - Collins 18T-201 Wellbore #1 - Collins 1	17,945.0	6,476.8	1,859.5	1,733.8	15.062	CC, ES, SF
Collins 18T-221 - Collins 18T-221 Wellbore #1 - Collins 1	17,945.0	6,470.2	1,389.0	1,226.1	8.638	CC, ES, SF
Collins 18T-221 - Collins 18T-221 Wellbore #2 - Collins 1	17,945.0	6,497.9	1,488.6	1,319.0	8.891	CC, ES, SF
Collins 18T-321 - Collins 18T-321 Wellbore #1 - Collins 1	17,945.0	6,655.8	1,519.5	1,373.4	10.560	CC, ES, SF
Cricket C22-30D Pad Sec.21-T4N-R64W						
Cricket C22-30D - Cricket C22-30D - Cricket C22-30D	7,700.0	6,803.7	794.6	724.2	11.660	SF
Cricket C22-30D - Cricket C22-30D - Cricket C22-30D	7,768.8	6,820.8	790.9	721.2	11.728	CC, ES
Thoutt 1 - Thoutt 1 - Thoutt 1	8,265.0	6,734.9	75.5	5.2	1.076	Collision Monitoring, CC,

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N 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
Drake Pad						
DRAKE 20N - Drake 20N - Drake 20N Final Surveys	7,800.0	18,780.3	1,856.8	1,306.8	3.386	SF
DRAKE 20N - Drake 20N - Drake 20N Final Surveys	8,800.0	17,823.2	1,779.7	1,274.7	3.536	ES
DRAKE 20N - Drake 20N - Drake 20N Final Surveys	9,448.6	17,169.7	1,768.3	1,293.3	3.737	CC
DRAKE 20N - Drake 20N - Drake 20N Plan #2 12-13-23	7,800.0	18,818.4	1,859.5	1,305.6	3.367	SF
DRAKE 20N - Drake 20N - Drake 20N Plan #2 12-13-23	8,800.0	17,826.6	1,787.7	1,280.8	3.539	ES
DRAKE 20N - Drake 20N - Drake 20N Plan #2 12-13-23	9,078.9	17,547.9	1,779.7	1,285.7	3.616	CC
DRAKE 21N - Drake 21N - Drake 21N Final Surveys	7,800.0	18,911.1	1,631.7	1,078.7	2.959	SF
DRAKE 21N - Drake 21N - Drake 21N Final Surveys	8,800.0	17,909.9	1,568.3	1,062.9	3.113	ES
DRAKE 21N - Drake 21N - Drake 21N Final Surveys	9,030.4	17,686.4	1,563.0	1,067.9	3.168	CC
DRAKE 21N - Drake 21N - Drake 21N Plan #2 12-13-23	7,800.0	18,880.4	1,639.8	1,086.1	2.970	SF
DRAKE 21N - Drake 21N - Drake 21N Plan #2 12-13-23	8,800.0	17,883.5	1,576.7	1,070.1	3.122	ES
DRAKE 21N - Drake 21N - Drake 21N Plan #2 12-13-23	9,038.6	17,645.0	1,571.3	1,075.7	3.181	CC
DRAKE 22N - Drake 22N - Drake 22N Final Surveys	7,800.0	18,871.7	1,420.8	871.4	2.593	SF
DRAKE 22N - Drake 22N - Drake 22N Final Surveys	8,900.0	17,772.1	1,345.5	848.7	2.716	ES
DRAKE 22N - Drake 22N - Drake 22N Final Surveys	9,075.4	17,599.9	1,342.4	853.3	2.754	CC
DRAKE 22N - Drake 22N - Drake 22N Plan #2 12-13-23	7,800.0	18,866.0	1,422.5	871.6	2.589	SF
DRAKE 22N - Drake 22N - Drake 22N Plan #2 12-13-23	8,800.0	17,869.3	1,356.5	853.1	2.703	ES
DRAKE 22N - Drake 22N - Drake 22N Plan #2 12-13-23	17,364.2	9,298.1	1,344.8	1,090.6	5.331	CC
DRAKE 23N - Drake 23N - Drake 23N Plan #2 12-13-23	7,800.0	18,179.0	1,202.3	682.0	2.317	SF
DRAKE 23N - Drake 23N - Drake 23N Plan #2 12-13-23	8,800.0	17,183.0	1,129.5	656.4	2.394	ES
DRAKE 23N - Drake 23N - Drake 23N Plan #2 12-13-23	9,078.4	16,904.8	1,121.6	661.3	2.444	CC
DRAKE 24N - Drake 24N - Drake 24N Plan #2 12-13-23	7,800.0	18,237.5	1,031.6	508.4	1.976	SF
DRAKE 24N - Drake 24N - Drake 24N Plan #2 12-13-23	8,900.0	17,141.6	950.8	480.2	2.025	ES
DRAKE 24N - Drake 24N - Drake 24N Plan #2 12-13-23	17,387.5	8,654.6	917.3	675.5	3.821	CC
Existing Wells Sec.17-T4N-R64W						
OCOMA C17-13 - OCOMA C17-13 - OCOMA C17-13	17,665.2	6,847.4	1,464.1	928.9	2.743	CC
OCOMA C17-13 - OCOMA C17-13 - OCOMA C17-13	17,700.0	6,847.4	1,464.4	928.8	2.742	ES, SF
OCOMA C17-15 - OCOMA C17-15 - OCOMA C17-15	14,911.8	6,755.7	1,313.8	1,132.8	7.342	CC, ES
OCOMA C17-15 - OCOMA C17-15 - OCOMA C17-15	15,000.0	6,754.7	1,316.8	1,134.3	7.297	SF
OCOMA C17-16 - OCOMA C17-16 - OCOMA C17-16	13,537.6	6,685.4	1,533.8	1,380.2	10.133	CC
OCOMA C17-16 - OCOMA C17-16 - OCOMA C17-16	13,542.0	6,685.3	1,533.8	1,380.1	10.127	ES
OCOMA C17-16 - OCOMA C17-16 - OCOMA C17-16	13,700.0	6,683.0	1,542.8	1,386.8	10.031	SF
UPRR 36 PAN AM B #1 (Vert) - UPRR 36 PAN AM B #1 ·	17,431.7	6,849.1	1,464.5	931.2	2.754	CC, ES
UPRR 36 PAN AM B #1 (Vert) - UPRR 36 PAN AM B #1 ·	17,500.0	6,849.3	1,466.1	932.1	2.754	SF
UPRR OCOMA C17-14 (Vert) - UPRR OCOMA C17-14 -	16,061.7	6,817.6	1,402.8	883.2	2.708	CC, ES
UPRR OCOMA C17-14 (Vert) - UPRR OCOMA C17-14 -	16,100.0	6,818.3	1,403.6	883.7	2.708	SF
Existing Wells Sec.18-T4N-R64W						
Riter C18-16 - Riter C18-16 - Riter C18-16	17,945.0	6,757.5	1,598.6	1,377.8	7.311	CC, ES, SF
Existing Wells Sec.7-T4N-R64W						
Riter 'C' 18-16 (Exist.) - Wellbore #1 - Wellbore #1	17,945.0	6,865.0	1,543.1	1,215.9	4.743	CC, ES, SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N 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
George Pad						
GEORGE 01N - GEORGE 01N - GEORGE 01N Final Su	0.0	0.0	45.0			
GEORGE 01N - GEORGE 01N - GEORGE 01N Final Su	100.0	100.1	45.0	36.8	7.400	ES
GEORGE 01N - GEORGE 01N - GEORGE 01N Final Su	17,945.0	18,300.0	685.4	340.7	1.995	SF
GEORGE 01N - GEORGE 01N - GEORGE 01N Plan #1	301.9	302.2	44.8	36.3	6.938	CC, ES
GEORGE 01N - GEORGE 01N - GEORGE 01N Plan #1	17,945.0	18,289.7	686.6	341.9	1.999	SF
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	363.7	363.9	29.1	20.5	4.336	CC
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	400.0	400.1	29.2	20.5	4.273	ES
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	17,945.0	17,988.6	485.4	145.9	1.433	Collision Monitoring, SF
GEORGE 02N - GEORGE 02N - GEORGE 02N Plan #1	0.0	0.0	30.0			
GEORGE 02N - GEORGE 02N - GEORGE 02N Plan #1	17,945.0	18,009.0	474.8	135.0	1.400	Collision Monitoring, SF
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	302.7	302.8	13.6	5.1	1.861	CC
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	17,945.0	18,154.0	266.7	-54.2	0.830	Shut in, ES, SF
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Plar	0.0	0.0	15.0			
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Plar	17,945.0	18,117.3	277.2	-42.8	0.865	Shut in, ES, SF
GEORGE 04N - GEORGE 04N - GEORGE 04N Plan #1	100.0	100.0	0.4	-7.8	-0.353	CC, SF
GEORGE 04N - GEORGE 04N - GEORGE 04N Plan #1	17,700.0	17,732.3	10.4	-275.2	0.028	Unacceptable Path, ES
GEORGE 05N - GEORGE 05N - GEORGE 05N Plan #1	629.2	628.7	11.8	1.8	1.232	Collision Monitoring, CC
GEORGE 05N - GEORGE 05N - GEORGE 05N Plan #1	17,945.0	18,107.5	205.2	-116.1	0.636	Authorization, ES, SF
GEORGE 06N - GEORGE 06N - GEORGE 06N Plan #1	613.0	612.2	26.8	16.9	3.267	CC, ES
GEORGE 06N - GEORGE 06N - GEORGE 06N Plan #1	17,945.0	17,969.2	408.8	66.1	1.194	Collision Monitoring, SF
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA PLA	717.9	717.2	39.9	29.3	4.628	CC, ES
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA PLA	17,945.0	18,063.2	640.7	301.4	1.895	SF
GEORGE 08N - GEORGE 08N - GEORGE 08N PLAN #	213.8	213.6	59.5	51.2	9.677	CC, ES
GEORGE 08N - GEORGE 08N - GEORGE 08N PLAN #	17,945.0	17,984.4	850.5	507.5	2.490	SF
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	449.7	448.8	73.9	64.8	10.738	CC
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	500.0	498.2	74.1	64.8	10.416	ES
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	17,945.0	17,923.8	1,066.1	723.1	3.124	SF
GEORGE 10N - GEORGE 10N - GEORGE 10N Plan #1	107.5	110.3	89.9	81.9	15.186	CC, ES
GEORGE 10N - GEORGE 10N - GEORGE 10N Plan #1	17,945.0	17,977.0	1,288.1	944.8	3.769	SF
GEORGE 11N - GEORGE 11N - GEORGE 11N Plan #1	837.8	835.3	97.6	86.3	10.756	CC, ES
GEORGE 11N - GEORGE 11N - GEORGE 11N Plan #1	17,945.0	17,991.2	1,504.4	1,160.5	4.399	SF
GEORGE 12N - GEORGE 12N - GEORGE 12N Plan #1	811.0	807.7	112.8	101.7	12.739	CC, ES
GEORGE 12N - GEORGE 12N - GEORGE 12N Plan #1	17,945.0	18,072.0	1,725.6	1,380.1	5.023	SF
GEORGE 13N - GEORGE 13N - GEORGE 13N Plan #1	680.8	678.5	130.2	119.9	16.272	CC, ES
GEORGE 13N - GEORGE 13N - GEORGE 13N Plan #1	17,945.0	18,004.9	1,942.5	1,598.9	5.687	SF
GEORGE 14N - GEORGE 14N - GEORGE 14N Plan #1	566.8	564.9	147.4	137.8	20.096	CC
GEORGE 14N - GEORGE 14N - GEORGE 14N Plan #1	600.0	596.6	147.5	137.7	19.645	ES
GEORGE 14N - GEORGE 14N - GEORGE 14N Plan #1	1,200.0	1,167.5	182.6	168.9	15.880	SF
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Plar	431.9	431.3	163.9	154.9	24.539	CC, ES
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Plar	1,200.0	1,154.4	217.4	203.7	19.081	SF
GEORGE 16N - GEORGE 16N - GEORGE Plan #1 2-16	300.0	300.0	179.3	170.8	28.977	CC, ES
GEORGE 16N - GEORGE 16N - GEORGE Plan #1 2-16	1,200.0	1,139.2	256.1	242.5	22.695	SF
GEORGE 17N - George 17N - GEORGE 17N Plan #1 2-	210.6	210.9	194.3	186.0	32.575	CC, ES
GEORGE 17N - George 17N - GEORGE 17N Plan #1 2-	1,400.0	1,300.0	340.4	325.2	26.651	SF
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #1	100.0	100.0	209.8	201.6	35.967	CC, ES
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #1	1,200.0	1,100.0	347.1	333.6	31.315	SF
GEORGE 21N - GEORGE 21N - George 21N Plan #1 2-	1,174.6	1,175.9	248.6	235.1	21.881	CC, ES
GEORGE 21N - GEORGE 21N - George 21N Plan #1 2-	10,000.0	6,794.3	1,200.1	1,103.0	12.629	SF
Hen Offsets 2						
MARK ALTER C16-79HN - MARK ALTER C16-79HN - M	12,713.8	11,765.0	1,353.6	1,214.3	9.874	CC, ES
MARK ALTER C16-79HN - MARK ALTER C16-79HN - M	12,900.0	11,765.0	1,366.3	1,225.1	9.831	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 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N 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	15,404.0	7,062.2	1,733.5	1,541.5	9.131	CC, ES
Long C20-21D - Wellbore #1 - Wellbore #1	15,600.0	7,061.3	1,744.0	1,549.2	9.052	SF
NEI C18-32D Pad Sec.18-T4N-R64W						
Oster C19-27D - Oster C19-27D - Oster C19-27D	17,945.0	7,788.0	1,666.1	1,518.8	11.484	CC, ES, SF
SEC.15-T4N-R64W (Existing)						
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,524.5	7,369.1	65.4	25.5	1.680	CC, ES
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,600.0	7,355.9	101.5	38.8	1.645	SF
SEC.16-T4N-R64W (Exist)						
RYANN STATE C 21-27 - RYANN STATE C 21-27 - RYAI	8,827.4	6,735.0	881.3	805.1	11.910	CC, ES, SF
STATE 16-14I4 (Vert) - STATE 16-14I4 - STATE 16-14I4	11,008.9	6,759.2	1,237.0	751.5	2.555	CC, ES, SF
SEC.19-T4N-R64W (Exist)						
CPC-OSTER 19-01 - CPC-OSTER 19-01 - CPC-OSTER	17,945.0	6,924.4	864.6	794.1	12.673	CC, ES, SF
OSTER PM C19-8 (Vert) - OSTER PM C19-8 - OSTER F	17,945.0	6,897.0	1,369.8	841.2	2.599	CC, ES, SF
SEC.20-T4N-R64W (Exist)						
Agricultural Products Inc 20-4I4 (Vert) - Agricultural Prodı	17,484.1	6,882.3	47.8	-487.8	0.085	Unacceptable Path, CC, E
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	16,180.3	6,853.0	1,208.4	1,000.9	5.882	CC
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	16,200.0	6,853.0	1,208.6	1,000.8	5.873	ES, SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,721.8	10,175.0	1,067.1	836.2	4.660	CC, ES, SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,600.0	11,190.4	385.3	266.1	3.279	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,700.0	11,183.4	372.2	259.6	3.358	ES
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S	17,700.8	11,183.4	372.2	259.7	3.359	CC
LONG C20-17 (Vert) - LONG C20-17 - LONG C20-17	14,250.6	6,782.5	357.6	189.3	2.141	CC, ES, SF
LONG C20-18 (Vert) - LONG C20-18 - LONG C20-18	15,354.1	6,828.8	318.8	128.2	1.682	CC, ES, SF
LONG C20-21D - LONG C20-21D - LONG C20-21D	15,406.6	7,062.2	1,729.9	1,537.8	9.108	CC, ES
LONG C20-21D - LONG C20-21D - LONG C20-21D	15,600.0	7,061.4	1,740.1	1,545.2	9.029	SF
PREBISH 1 (Vert) - PREBISH 1 - PREBISH 1	16,176.1	6,831.9	121.3	-400.7	0.229	Unacceptable Path, CC, E
PREBISH 2 - PREBISH 2 - PREBISH 2	17,415.8	6,896.8	1,131.5	898.8	4.902	CC, ES
PREBISH 2 - PREBISH 2 - PREBISH 2	17,500.0	6,895.9	1,134.6	900.9	4.896	SF
PREBISH C20-19 - PREBISH C20-19 - PREBISH C20-1	16,746.7	6,871.1	454.1	236.6	2.100	CC, ES, SF
TODD 1 - TODD 1 - TODD 1	13,512.5	6,773.6	199.1	45.2	1.298	Collision Monitoring, CC,
TODD 2 (Vert) - TODD 2 - TODD 2	14,873.4	6,816.9	753.2	242.8	1.478	Collision Monitoring, CC,
TODD 20-2 (Vert) - TODD 20-2 - TODD 20-2	14,670.7	6,813.4	102.7	-406.2	0.198	Unacceptable Path, CC, E
TODD 20-8 (Vert) - TODD 20-8 - TODD 20-8	13,615.2	6,805.8	1,273.0	771.5	2.546	CC, ES, SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N Final Surveys	**Offset TVD Reference:**	Offset Datum

Summary

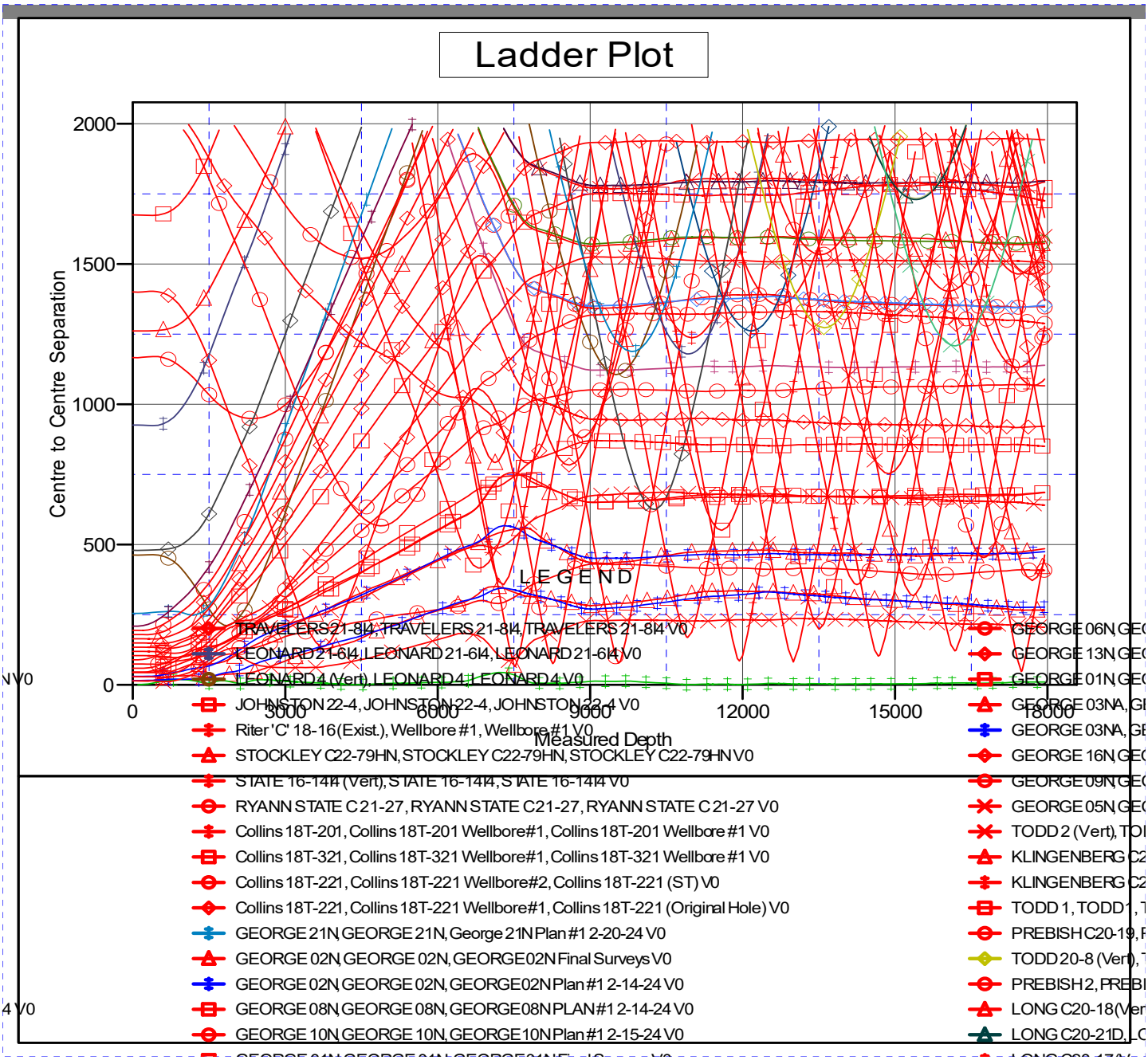
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
SEC.21-T4N-R64W (Exist)						
CHENOWETH 1 (Vert) - CHENOWETH 1 - CHENOWET	10,919.4	6,786.1	169.4	-317.7	0.345	Unacceptable Path, CC, E
CHENOWETH 21-2 (Vert) - CHENOWETH 21-2 - CHEN	9,562.9	6,756.8	77.8	-403.4	0.157	Unacceptable Path, CC, E
CHENOWETH 21-4 - CHENOWETH 21-4 - CHENOWET	11,939.8	6,759.8	85.2	-38.4	0.683	Authorization, CC, ES, SF
HANSCOME C21-18 (Vert) - HANSCOME C21-18 - HAN	100.0	76.0	479.5	471.3	82.906	CC, ES
HANSCOME C21-18 (Vert) - HANSCOME C21-18 - HAN	10,300.0	6,770.1	626.4	530.1	6.647	SF
HANSCOME C21-19 (Vert) - HANSCOME C21-19 - HAN	11,585.2	6,792.8	551.4	61.3	1.126	Collision Monitoring, CC,
HANSCOME C21-79HN - HANSCOME C21-79HN - HAN	13,000.0	10,599.3	81.8	-1.9	0.977	Shut in, CC, ES, SF
LEONARD 2 - LEONARD 2 - LEONARD 2	12,176.0	6,772.6	1,262.0	1,134.5	10.073	CC
LEONARD 2 - LEONARD 2 - LEONARD 2	12,200.0	6,772.8	1,262.2	1,134.4	10.042	ES
LEONARD 2 - LEONARD 2 - LEONARD 2	12,300.0	6,774.1	1,268.0	1,138.8	9.985	SF
LEONARD 21-6I4 - LEONARD 21-6I4 - LEONARD 21-6I	382.0	363.0	924.1	915.5	150.013	CC
LEONARD 21-6I4 - LEONARD 21-6I4 - LEONARD 21-6I	400.0	381.7	924.1	915.5	148.820	ES
LEONARD 21-6I4 - LEONARD 21-6I4 - LEONARD 21-6I	11,100.0	6,770.1	1,191.5	1,084.0	11.321	SF
LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4	1,848.2	1,735.4	211.5	87.1	1.714	CC
LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4	1,900.0	1,780.7	212.9	85.3	1.681	ES, SF
TRAVELERS 21-8I4 - TRAVELERS 21-8I4 - TRAVELERS	3,734.8	3,332.3	135.2	100.7	4.140	CC, ES, SF
SEC.22-T4N-R64W (Exist)						
JOHNSTON 22-4 - JOHNSTON 22-4 - JOHNSTON 22-4	6,824.2	6,002.7	416.6	374.0	10.313	CC, ES, SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N Final Surveys	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4742.0ft (T41 - RKB 25')	Coordinates are relative to: GEORGE 04N
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°



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 04N
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 04N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 04N	**Database:**	US_EDM
Reference Design:	GEORGE 04N Final Surveys	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4742.0ft (T41 - RKB 25')	Coordinates are relative to: GEORGE 04N
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°