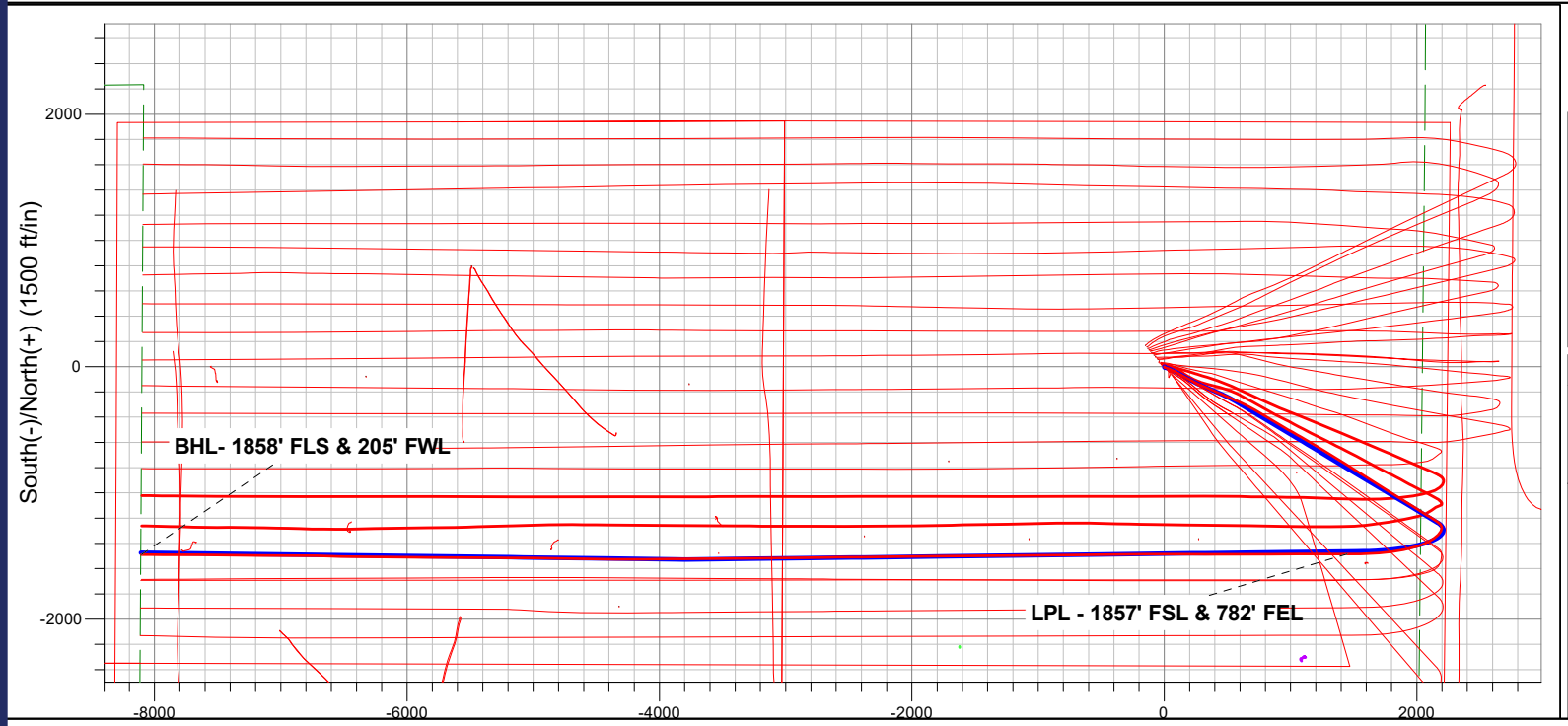
Chevron DJ Basin

GEORGE 16N
George Pad
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4718.0

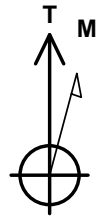
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1353479.96	3263755.47	40.299842	-104.554357

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

ENSIGN Directional



George Pad
GEORGE 16N
GEORGE 16N Final Surveys
9:28, April 29 2024



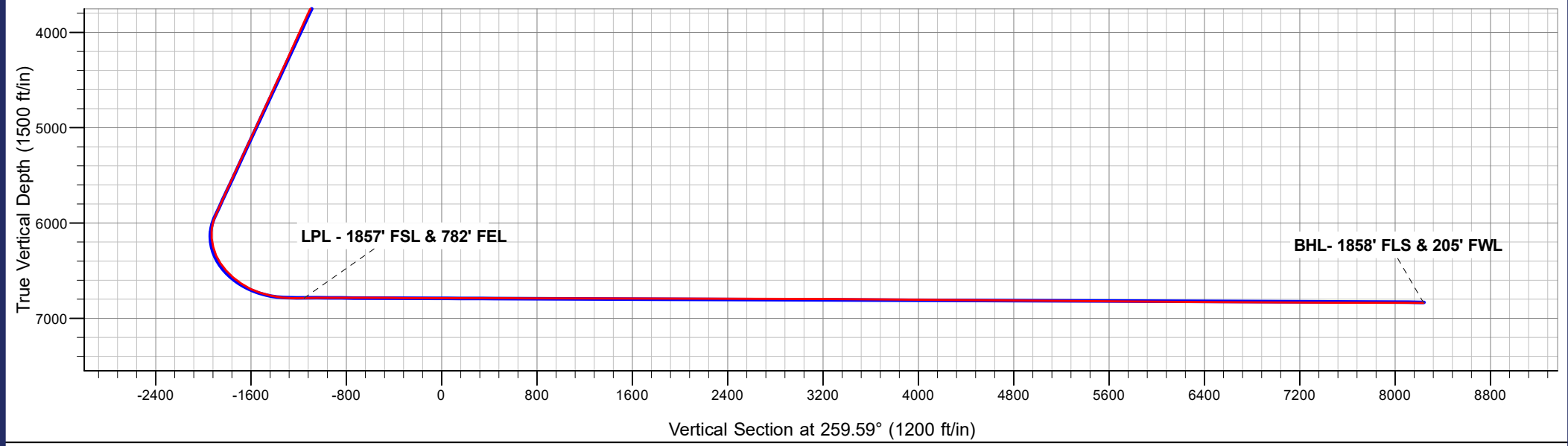
Azimuths to True North
Magnetic North: 7.65°

Magnetic Field
Strength: 51600.9nT
Dip Angle: 66.53°
Date: 04/08/2024
Model: HRGM

ANNOTATIONS

MD	TVD	Annotation
7862.0	6788.1	LPL - 1857' FSL & 782' FEL
17414.0	6838.3	BHL- 1858' FLS & 205' FWL

FINAL SURVEY
Projected Bottom Hole Location
17414.0' MD / 6838.3' TVD
89.84° INC / 270.78° AZM
1858' FSL / 205' FWL



Chevron DJ Basin

SEC.21-T4N-R64W
George Pad
GEORGE 16N

GEORGE 16N

Design: GEORGE 16N Final Surveys

Survey Report - Geographic

29 April, 2024

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**North Reference:**	True
Wellbore:	GEORGE 16N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 16N 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 16N				
Well Position	**+N/-S** 0.0 ft	**Northing:**	1,353,479.96 usft	**Latitude:**	40.299842
	+E/-W 0.0 ft	**Easting:**	3,263,755.47 usft	**Longitude:**	-104.554357
Position Uncertainty	0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,718.0 ft

Wellbore	GEORGE 16N

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	04/08/2024	7.65	66.53	51,600.85132164

Design	GEORGE 16N 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	259.59

Survey Program **Date** 04/29/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,414.0	Survey #1 (GEORGE 16N)	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	1,353,479.96	3,263,755.47	40.299842	-104.554357
208.0	0.88	185.02	208.0	-1.6	-0.1	1,353,478.36	3,263,755.35	40.299838	-104.554358
300.0	1.41	198.38	300.0	-3.4	-0.6	1,353,476.58	3,263,754.95	40.299833	-104.554359
394.0	2.29	118.93	393.9	-5.4	0.7	1,353,474.59	3,263,756.25	40.299827	-104.554355
488.0	3.87	105.39	487.8	-7.1	5.4	1,353,472.89	3,263,760.97	40.299823	-104.554338
582.0	5.72	108.21	581.5	-9.4	12.9	1,353,470.66	3,263,768.51	40.299816	-104.554311
677.0	8.18	106.27	675.8	-12.8	23.9	1,353,467.41	3,263,779.53	40.299807	-104.554272
771.0	10.55	112.78	768.5	-18.0	38.3	1,353,462.36	3,263,793.94	40.299793	-104.554220
864.0	12.31	115.77	859.7	-25.6	55.1	1,353,454.93	3,263,810.80	40.299772	-104.554160
958.0	13.01	114.18	951.4	-34.3	73.7	1,353,446.44	3,263,829.56	40.299748	-104.554093
1,052.0	15.92	115.41	1,042.4	-44.2	95.0	1,353,436.80	3,263,850.97	40.299721	-104.554017
1,145.0	17.23	119.81	1,131.5	-56.5	118.5	1,353,424.73	3,263,874.57	40.299687	-104.553932

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**North Reference:**	True
Wellbore:	GEORGE 16N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 16N 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	18.29	122.97	1,221.0	-71.4	143.0	1,353,410.04	3,263,899.18	40.299646	-104.553845
1,333.0	20.14	118.93	1,309.8	-87.3	169.5	1,353,394.47	3,263,925.89	40.299603	-104.553750
1,428.0	22.07	118.58	1,398.4	-103.8	199.5	1,353,378.34	3,263,956.05	40.299557	-104.553642
1,522.0	24.18	115.59	1,484.9	-120.5	232.4	1,353,361.93	3,263,989.10	40.299511	-104.553524
1,616.0	25.06	116.12	1,570.3	-137.6	267.6	1,353,345.22	3,264,024.52	40.299465	-104.553398
1,710.0	27.61	112.95	1,654.6	-154.9	305.5	1,353,328.37	3,264,062.64	40.299417	-104.553262
1,804.0	29.19	112.60	1,737.3	-172.2	346.8	1,353,311.51	3,264,104.04	40.299370	-104.553114
1,897.0	29.02	113.30	1,818.5	-189.8	388.4	1,353,294.31	3,264,145.88	40.299321	-104.552965
2,048.0	29.32	114.78	1,950.4	-219.8	455.6	1,353,265.05	3,264,213.40	40.299239	-104.552724
2,142.0	28.56	113.54	2,032.6	-238.4	497.1	1,353,246.87	3,264,255.10	40.299188	-104.552575
2,236.0	29.24	112.94	2,114.9	-256.3	538.9	1,353,229.40	3,264,297.03	40.299139	-104.552425
2,330.0	29.06	113.52	2,197.0	-274.4	580.9	1,353,211.79	3,264,339.29	40.299089	-104.552275
2,424.0	26.61	114.92	2,280.1	-292.4	621.0	1,353,194.23	3,264,379.51	40.299040	-104.552131
2,517.0	26.43	117.59	2,363.3	-310.7	658.2	1,353,176.27	3,264,416.93	40.298989	-104.551998
2,611.0	26.15	118.31	2,447.6	-330.2	695.0	1,353,157.15	3,264,453.91	40.298936	-104.551866
2,706.0	26.04	120.64	2,532.9	-350.8	731.4	1,353,136.99	3,264,490.50	40.298879	-104.551735
2,800.0	26.36	120.81	2,617.3	-372.0	767.0	1,353,116.17	3,264,526.40	40.298821	-104.551607
2,894.0	25.78	121.20	2,701.7	-393.3	802.4	1,353,095.27	3,264,562.03	40.298763	-104.551480
2,988.0	25.33	120.99	2,786.5	-414.2	837.2	1,353,074.70	3,264,596.98	40.298705	-104.551356
3,081.0	25.80	120.99	2,870.4	-434.9	871.6	1,353,054.40	3,264,631.60	40.298648	-104.551233
3,175.0	26.41	120.18	2,954.8	-455.9	907.2	1,353,033.74	3,264,667.42	40.298591	-104.551105
3,269.0	26.39	119.67	3,039.0	-476.8	943.4	1,353,013.28	3,264,703.87	40.298533	-104.550975
3,363.0	25.96	121.15	3,123.4	-497.8	979.2	1,352,992.68	3,264,739.85	40.298476	-104.550847
3,456.0	25.66	120.08	3,207.1	-518.4	1,014.0	1,352,972.43	3,264,774.91	40.298419	-104.550722
3,550.0	25.41	119.00	3,291.9	-538.4	1,049.3	1,352,952.83	3,264,810.37	40.298364	-104.550596
3,645.0	25.93	120.65	3,377.6	-558.8	1,085.0	1,352,932.74	3,264,846.28	40.298308	-104.550468
3,739.0	24.61	121.54	3,462.6	-579.6	1,119.3	1,352,912.40	3,264,880.86	40.298251	-104.550345
3,832.0	26.00	120.31	3,546.6	-600.0	1,153.4	1,352,892.34	3,264,915.18	40.298195	-104.550222
3,926.0	26.26	120.33	3,631.0	-620.9	1,189.2	1,352,871.83	3,264,951.13	40.298138	-104.550094
4,021.0	26.34	119.97	3,716.2	-642.0	1,225.6	1,352,851.08	3,264,987.75	40.298080	-104.549964
4,115.0	26.23	120.21	3,800.5	-662.9	1,261.6	1,352,830.59	3,265,023.99	40.298023	-104.549835
4,209.0	25.99	121.85	3,884.9	-684.2	1,297.0	1,352,809.65	3,265,059.66	40.297964	-104.549707
4,302.0	26.12	122.09	3,968.4	-705.8	1,331.7	1,352,788.40	3,265,094.54	40.297905	-104.549583
4,396.0	26.24	122.59	4,052.8	-728.0	1,366.7	1,352,766.59	3,265,129.81	40.297844	-104.549458
4,491.0	26.64	122.07	4,137.8	-750.6	1,402.5	1,352,744.35	3,265,165.79	40.297782	-104.549330
4,585.0	26.50	122.66	4,221.9	-773.1	1,438.0	1,352,722.22	3,265,201.54	40.297720	-104.549202
4,679.0	25.80	122.17	4,306.3	-795.4	1,472.9	1,352,700.39	3,265,236.74	40.297659	-104.549077
4,771.0	26.67	122.10	4,388.8	-817.0	1,507.4	1,352,679.13	3,265,271.41	40.297600	-104.548953
4,865.0	26.38	121.66	4,472.9	-839.2	1,543.0	1,352,657.34	3,265,307.29	40.297539	-104.548826
4,959.0	26.79	123.05	4,557.0	-861.7	1,578.6	1,352,635.20	3,265,343.06	40.297477	-104.548698
5,053.0	27.02	122.54	4,640.8	-884.7	1,614.3	1,352,612.55	3,265,379.06	40.297414	-104.548570
5,146.0	26.08	122.45	4,724.0	-907.0	1,649.4	1,352,590.59	3,265,414.35	40.297352	-104.548444
5,240.0	26.67	121.64	4,808.2	-929.2	1,684.8	1,352,568.82	3,265,449.98	40.297291	-104.548317
5,334.0	26.37	121.77	4,892.3	-951.3	1,720.5	1,352,547.15	3,265,485.92	40.297231	-104.548189
5,427.0	26.93	121.89	4,975.4	-973.3	1,755.9	1,352,525.52	3,265,521.59	40.297171	-104.548062
5,520.0	27.00	122.21	5,058.3	-995.6	1,791.7	1,352,503.53	3,265,557.57	40.297109	-104.547934
5,614.0	26.57	122.41	5,142.3	-1,018.3	1,827.5	1,352,481.27	3,265,593.61	40.297047	-104.547806
5,707.0	26.49	121.29	5,225.5	-1,040.2	1,862.7	1,352,459.73	3,265,629.12	40.296987	-104.547679
5,801.0	26.72	122.04	5,309.5	-1,062.3	1,898.6	1,352,438.02	3,265,665.18	40.296926	-104.547551
5,895.0	27.19	122.40	5,393.3	-1,085.0	1,934.6	1,352,415.68	3,265,701.47	40.296864	-104.547422
5,987.0	26.07	122.03	5,475.5	-1,107.0	1,969.5	1,352,394.07	3,265,736.59	40.296803	-104.547297
6,080.0	26.23	122.14	5,559.0	-1,128.8	2,004.2	1,352,372.67	3,265,771.54	40.296744	-104.547172
6,173.0	26.29	122.12	5,642.4	-1,150.7	2,039.1	1,352,351.16	3,265,806.62	40.296684	-104.547047
6,267.0	25.91	122.05	5,726.8	-1,172.6	2,074.1	1,352,329.57	3,265,841.89	40.296623	-104.546922
6,362.0	25.76	121.86	5,812.3	-1,194.5	2,109.2	1,352,308.04	3,265,877.24	40.296563	-104.546796

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**North Reference:**	True
Wellbore:	GEORGE 16N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 16N 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
6,456.0	26.15	122.03	5,896.9	-1,216.3	2,144.2	1,352,286.65	3,265,912.38	40.296503	-104.546671
6,549.0	21.38	129.66	5,982.0	-1,238.0	2,174.6	1,352,265.27	3,265,943.06	40.296444	-104.546562
6,642.0	15.43	153.08	6,070.3	-1,259.9	2,193.3	1,352,243.57	3,265,961.98	40.296384	-104.546495
6,736.0	13.10	188.70	6,161.6	-1,281.6	2,197.4	1,352,221.89	3,265,966.27	40.296324	-104.546480
6,830.0	18.58	208.10	6,252.0	-1,305.4	2,188.7	1,352,198.03	3,265,957.85	40.296259	-104.546511
6,924.0	23.22	223.64	6,339.9	-1,332.1	2,168.8	1,352,171.16	3,265,938.27	40.296186	-104.546582
7,017.0	30.46	234.76	6,422.8	-1,359.0	2,136.8	1,352,143.90	3,265,906.59	40.296112	-104.546697
7,111.0	36.83	240.49	6,501.1	-1,386.6	2,092.8	1,352,115.77	3,265,862.85	40.296036	-104.546855
7,204.0	43.94	249.79	6,571.9	-1,411.6	2,038.1	1,352,090.26	3,265,808.47	40.295967	-104.547051
7,298.0	50.21	254.50	6,635.9	-1,432.5	1,972.7	1,352,068.62	3,265,743.21	40.295910	-104.547286
7,392.0	58.79	259.38	6,690.5	-1,449.6	1,898.2	1,352,050.73	3,265,668.92	40.295863	-104.547553
7,487.0	67.40	262.65	6,733.5	-1,462.7	1,814.6	1,352,036.72	3,265,585.47	40.295827	-104.547852
7,581.0	75.03	264.61	6,763.7	-1,472.6	1,726.2	1,352,025.94	3,265,497.20	40.295800	-104.548169
7,675.0	82.37	266.06	6,782.1	-1,480.0	1,634.4	1,352,017.49	3,265,405.48	40.295779	-104.548498
7,768.0	88.83	269.06	6,789.3	-1,484.0	1,541.8	1,352,012.57	3,265,312.95	40.295769	-104.548830
7,862.0	92.54	270.74	6,788.1	-1,484.1	1,447.8	1,352,011.40	3,265,218.99	40.295768	-104.549167
LPL - 1857' FSL & 782' FEL									
7,957.0	90.67	269.59	6,785.5	-1,483.9	1,352.9	1,352,010.66	3,265,124.04	40.295769	-104.549507
8,050.0	90.54	269.90	6,784.5	-1,484.3	1,259.9	1,352,009.25	3,265,031.06	40.295768	-104.549841
8,144.0	89.91	270.21	6,784.1	-1,484.2	1,165.9	1,352,008.34	3,264,937.07	40.295768	-104.550178
8,238.0	89.68	269.62	6,784.5	-1,484.3	1,071.9	1,352,007.20	3,264,843.08	40.295768	-104.550515
8,332.0	89.86	269.98	6,784.8	-1,484.7	977.9	1,352,005.87	3,264,749.10	40.295767	-104.550852
8,426.0	89.83	269.73	6,785.1	-1,484.9	883.9	1,352,004.63	3,264,655.11	40.295766	-104.551189
8,520.0	89.44	269.51	6,785.7	-1,485.5	789.9	1,352,003.00	3,264,561.13	40.295765	-104.551526
8,614.0	89.69	269.14	6,786.4	-1,486.6	695.9	1,352,000.89	3,264,467.16	40.295761	-104.551863
8,709.0	89.87	270.06	6,786.8	-1,487.3	600.9	1,351,999.22	3,264,372.18	40.295760	-104.552203
8,802.0	90.00	270.49	6,786.9	-1,486.9	507.9	1,351,998.67	3,264,279.19	40.295761	-104.552536
8,895.0	89.73	270.06	6,787.1	-1,486.4	414.9	1,351,998.13	3,264,186.20	40.295762	-104.552870
8,989.0	90.04	270.23	6,787.3	-1,486.2	320.9	1,351,997.36	3,264,092.20	40.295763	-104.553207
9,083.0	89.32	270.01	6,787.8	-1,486.0	226.9	1,351,996.56	3,263,998.21	40.295763	-104.553544
9,176.0	89.70	270.15	6,788.6	-1,485.8	133.9	1,351,995.70	3,263,905.23	40.295764	-104.553877
9,270.0	90.05	270.41	6,788.8	-1,485.4	39.9	1,351,995.15	3,263,811.23	40.295765	-104.554214
9,364.0	90.01	270.12	6,788.7	-1,484.9	-54.1	1,351,994.59	3,263,717.24	40.295766	-104.554551
9,457.0	89.67	269.73	6,789.0	-1,485.1	-147.1	1,351,993.47	3,263,624.25	40.295766	-104.554885
9,550.0	90.13	269.83	6,789.2	-1,485.4	-240.1	1,351,992.12	3,263,531.26	40.295765	-104.555218
9,644.0	89.59	269.25	6,789.4	-1,486.2	-334.1	1,351,990.37	3,263,437.28	40.295763	-104.555555
9,738.0	89.59	269.01	6,790.1	-1,487.6	-428.1	1,351,987.94	3,263,343.32	40.295759	-104.555892
9,832.0	89.87	269.53	6,790.5	-1,488.8	-522.0	1,351,985.74	3,263,249.35	40.295756	-104.556229
9,926.0	89.87	269.23	6,790.7	-1,489.8	-616.0	1,351,983.72	3,263,155.38	40.295753	-104.556566
10,020.0	89.62	268.87	6,791.1	-1,491.4	-710.0	1,351,981.16	3,263,061.42	40.295748	-104.556903
10,114.0	89.94	269.51	6,791.5	-1,492.7	-804.0	1,351,978.83	3,262,967.46	40.295745	-104.557240
10,207.0	89.97	269.51	6,791.6	-1,493.5	-897.0	1,351,977.04	3,262,874.48	40.295743	-104.557573
10,302.0	89.80	269.43	6,791.8	-1,494.4	-992.0	1,351,975.15	3,262,779.50	40.295740	-104.557913
10,395.0	90.45	269.62	6,791.6	-1,495.2	-1,085.0	1,351,973.39	3,262,686.52	40.295738	-104.558247
10,489.0	89.68	269.45	6,791.5	-1,495.9	-1,179.0	1,351,971.62	3,262,592.54	40.295736	-104.558584
10,582.0	89.93	269.91	6,791.8	-1,496.4	-1,272.0	1,351,970.11	3,262,499.56	40.295735	-104.558917
10,677.0	90.00	269.71	6,791.8	-1,496.8	-1,367.0	1,351,968.78	3,262,404.57	40.295734	-104.559258
10,771.0	89.97	269.82	6,791.9	-1,497.1	-1,461.0	1,351,967.39	3,262,310.59	40.295733	-104.559595
10,865.0	89.72	269.20	6,792.1	-1,497.9	-1,555.0	1,351,965.59	3,262,216.61	40.295730	-104.559932
10,958.0	89.57	269.20	6,792.7	-1,499.2	-1,648.0	1,351,963.30	3,262,123.65	40.295727	-104.560265
11,052.0	89.80	269.56	6,793.2	-1,500.3	-1,742.0	1,351,961.28	3,262,029.67	40.295724	-104.560602
11,146.0	89.80	269.13	6,793.5	-1,501.3	-1,836.0	1,351,959.20	3,261,935.70	40.295721	-104.560939
11,240.0	89.80	269.20	6,793.9	-1,502.7	-1,930.0	1,351,956.83	3,261,841.74	40.295717	-104.561276
11,334.0	89.85	269.26	6,794.2	-1,504.0	-2,023.9	1,351,954.56	3,261,747.77	40.295714	-104.561613
11,429.0	89.53	269.22	6,794.7	-1,505.2	-2,118.9	1,351,952.29	3,261,652.80	40.295710	-104.561953

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**North Reference:**	True
Wellbore:	GEORGE 16N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 16N 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
11,523.0	89.65	269.16	6,795.3	-1,506.6	-2,212.9	1,351,949.96	3,261,558.84	40.295707	-104.562290
11,617.0	89.83	269.26	6,795.8	-1,507.8	-2,306.9	1,351,947.66	3,261,464.87	40.295703	-104.562627
11,711.0	90.03	269.77	6,795.9	-1,508.6	-2,400.9	1,351,945.86	3,261,370.89	40.295701	-104.562964
11,805.0	90.23	269.78	6,795.7	-1,509.0	-2,494.9	1,351,944.49	3,261,276.91	40.295700	-104.563301
11,899.0	89.77	269.36	6,795.7	-1,509.7	-2,588.9	1,351,942.78	3,261,182.93	40.295698	-104.563638
11,993.0	89.78	269.12	6,796.0	-1,511.0	-2,682.9	1,351,940.54	3,261,088.96	40.295694	-104.563975
12,088.0	89.90	269.51	6,796.3	-1,512.1	-2,777.9	1,351,938.39	3,260,993.99	40.295691	-104.564316
12,181.0	89.90	269.10	6,796.5	-1,513.2	-2,870.9	1,351,936.27	3,260,901.02	40.295688	-104.564649
12,275.0	89.77	269.23	6,796.7	-1,514.6	-2,964.9	1,351,933.90	3,260,807.05	40.295684	-104.564986
12,368.0	89.34	269.38	6,797.5	-1,515.7	-3,057.9	1,351,931.78	3,260,714.08	40.295681	-104.565319
12,462.0	89.23	269.16	6,798.6	-1,516.9	-3,151.9	1,351,929.58	3,260,620.12	40.295678	-104.565656
12,556.0	89.57	269.80	6,799.6	-1,517.8	-3,245.8	1,351,927.72	3,260,526.15	40.295675	-104.565993
12,650.0	89.40	269.57	6,800.5	-1,518.3	-3,339.8	1,351,926.20	3,260,432.17	40.295674	-104.566330
12,743.0	89.32	269.57	6,801.5	-1,519.0	-3,432.8	1,351,924.51	3,260,339.19	40.295672	-104.566663
12,837.0	89.55	269.56	6,802.4	-1,519.7	-3,526.8	1,351,922.80	3,260,245.22	40.295670	-104.567000
12,931.0	89.40	269.38	6,803.3	-1,520.6	-3,620.8	1,351,920.93	3,260,151.24	40.295668	-104.567337
13,025.0	89.56	269.65	6,804.1	-1,521.4	-3,714.8	1,351,919.13	3,260,057.27	40.295665	-104.567674
13,119.0	89.51	269.44	6,804.9	-1,522.1	-3,808.8	1,351,917.38	3,259,963.29	40.295663	-104.568011
13,212.0	89.27	269.55	6,805.9	-1,522.9	-3,901.8	1,351,915.57	3,259,870.32	40.295661	-104.568345
13,307.0	89.34	269.44	6,807.0	-1,523.8	-3,996.8	1,351,913.72	3,259,775.35	40.295659	-104.568685
13,399.0	89.34	269.41	6,808.1	-1,524.7	-4,088.8	1,351,911.81	3,259,683.38	40.295656	-104.569015
13,493.0	89.30	269.42	6,809.2	-1,525.7	-4,182.8	1,351,909.85	3,259,589.41	40.295653	-104.569352
13,587.0	89.60	270.33	6,810.1	-1,525.9	-4,276.8	1,351,908.64	3,259,495.43	40.295653	-104.569689
13,681.0	89.85	270.70	6,810.6	-1,525.0	-4,370.7	1,351,908.49	3,259,401.43	40.295655	-104.570026
13,776.0	89.20	270.48	6,811.4	-1,524.0	-4,465.7	1,351,908.45	3,259,306.44	40.295658	-104.570366
13,869.0	89.24	270.60	6,812.6	-1,523.2	-4,558.7	1,351,908.34	3,259,213.45	40.295660	-104.570700
13,962.0	89.37	270.43	6,813.8	-1,522.3	-4,651.7	1,351,908.18	3,259,120.47	40.295662	-104.571033
14,056.0	89.63	273.15	6,814.6	-1,519.4	-4,745.7	1,351,910.11	3,259,026.50	40.295670	-104.571370
14,150.0	89.45	270.39	6,815.3	-1,516.5	-4,839.6	1,351,912.02	3,258,932.54	40.295678	-104.571707
14,243.0	89.30	270.18	6,816.3	-1,516.0	-4,932.6	1,351,911.49	3,258,839.55	40.295679	-104.572040
14,337.0	89.36	270.26	6,817.4	-1,515.7	-5,026.6	1,351,910.85	3,258,745.56	40.295680	-104.572377
14,431.0	89.34	270.26	6,818.5	-1,515.2	-5,120.6	1,351,910.27	3,258,651.57	40.295682	-104.572714
14,525.0	89.26	270.10	6,819.7	-1,514.9	-5,214.6	1,351,909.56	3,258,557.59	40.295682	-104.573051
14,617.0	89.48	270.46	6,820.7	-1,514.5	-5,306.6	1,351,909.03	3,258,465.60	40.295683	-104.573381
14,711.0	89.58	270.52	6,821.4	-1,513.7	-5,400.6	1,351,908.83	3,258,371.61	40.295686	-104.573717
14,805.0	89.47	270.56	6,822.2	-1,512.8	-5,494.5	1,351,908.72	3,258,277.61	40.295688	-104.574054
14,992.0	89.47	270.28	6,824.0	-1,511.4	-5,681.5	1,351,908.09	3,258,090.63	40.295692	-104.574725
15,087.0	89.45	270.65	6,824.8	-1,510.7	-5,776.5	1,351,907.85	3,257,995.64	40.295694	-104.575065
15,181.0	89.24	270.25	6,825.9	-1,509.9	-5,870.5	1,351,907.59	3,257,901.65	40.295696	-104.575402
15,369.0	89.40	270.12	6,828.2	-1,509.3	-6,058.5	1,351,906.19	3,257,713.68	40.295697	-104.576076
15,463.0	89.53	270.41	6,829.0	-1,508.9	-6,152.5	1,351,905.62	3,257,619.69	40.295698	-104.576413
15,558.0	89.57	270.30	6,829.8	-1,508.3	-6,247.5	1,351,905.20	3,257,524.70	40.295700	-104.576754
15,651.0	89.56	271.16	6,830.5	-1,507.1	-6,340.5	1,351,905.39	3,257,431.71	40.295703	-104.577087
15,746.0	89.37	271.04	6,831.4	-1,505.3	-6,435.5	1,351,906.20	3,257,336.72	40.295708	-104.577427
15,840.0	89.71	271.96	6,832.1	-1,502.8	-6,529.4	1,351,907.66	3,257,242.74	40.295715	-104.577764
16,027.0	89.53	271.07	6,833.4	-1,497.9	-6,716.4	1,351,910.61	3,257,055.77	40.295728	-104.578434
16,121.0	89.32	270.20	6,834.3	-1,496.8	-6,810.3	1,351,910.65	3,256,961.78	40.295731	-104.578771
16,216.0	89.78	270.28	6,835.1	-1,496.4	-6,905.3	1,351,910.03	3,256,866.79	40.295732	-104.579112
16,310.0	90.03	270.30	6,835.2	-1,496.0	-6,999.3	1,351,909.51	3,256,772.80	40.295733	-104.579449
16,404.0	90.13	269.78	6,835.1	-1,495.9	-7,093.3	1,351,908.57	3,256,678.81	40.295733	-104.579786
16,498.0	90.26	270.43	6,834.8	-1,495.7	-7,187.3	1,351,907.74	3,256,584.82	40.295734	-104.580123
16,592.0	89.91	271.25	6,834.6	-1,494.3	-7,281.3	1,351,908.12	3,256,490.82	40.295737	-104.580460
16,685.0	90.09	270.68	6,834.6	-1,492.8	-7,374.3	1,351,908.69	3,256,397.83	40.295742	-104.580793
16,779.0	89.92	270.69	6,834.6	-1,491.7	-7,468.3	1,351,908.81	3,256,303.83	40.295745	-104.581130
16,872.0	89.47	270.62	6,835.1	-1,490.6	-7,561.3	1,351,908.88	3,256,210.84	40.295747	-104.581463

Ensign

Survey Report - Geographic

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**North Reference:**	True
Wellbore:	GEORGE 16N	**Survey Calculation Method:**	Minimum Curvature
Design:	GEORGE 16N 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
16,966.0	90.11	270.42	6,835.5	-1,489.7	-7,655.3	1,351,908.73	3,256,116.85	40.295750	-104.581800
17,060.0	89.52	269.69	6,835.8	-1,489.7	-7,749.3	1,351,907.82	3,256,022.86	40.295750	-104.582137
17,155.0	89.52	270.08	6,836.6	-1,489.8	-7,844.3	1,351,906.62	3,255,927.87	40.295749	-104.582478
17,248.0	89.40	270.10	6,837.4	-1,489.7	-7,937.3	1,351,905.77	3,255,834.88	40.295750	-104.582811
17,342.0	89.84	270.78	6,838.1	-1,489.0	-8,031.3	1,351,905.49	3,255,740.89	40.295751	-104.583148
17,414.0	89.84	270.78	6,838.3	-1,488.0	-8,103.3	1,351,905.70	3,255,668.90	40.295754	-104.583406
BHL- 1858' FLS & 205' FWL									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
7,862.0	6,788.1	-1,484.1	1,447.8	LPL - 1857' FSL & 782' FEL
17,414.0	6,838.3	-1,488.0	-8,103.3	BHL- 1858' FLS & 205' FWL

Checked By: _____ Approved By: _____ Date: _____

Chevron DJ Basin

SEC.21-T4N-R64W
George Pad
GEORGE 16N

GEORGE 16N
GEORGE 16N Final Surveys

Anticollision Summary Report

29 April, 2024

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 16N	**Database:**	US_EDM
Reference Design:	GEORGE 16N Final Surveys	**Offset TVD Reference:**	Offset Datum

Reference GEORGE 16N 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** 04/29/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
208.0	17,414.0	Survey #1 (GEORGE 16N)	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	14,878.8	7,021.3	471.8	293.0	2.662	CC, ES
Balboa C20-24D - Wellbore #1 - Wellbore #1	14,900.0	7,021.2	472.3	293.1	2.659	SF
Chenoweth C20-25D - Wellbore #1 - Wellbore #1	16,311.4	7,125.4	599.6	388.7	2.865	CC, ES, SF
Borys Pad						
BORYS C22-783 - BORYS C22-783 - BORYS C22-783	6,814.0	6,795.0	751.6	685.3	11.720	CC, ES
BORYS C22-783 - BORYS C22-783 - BORYS C22-783	6,900.0	6,829.3	760.3	692.4	11.575	SF
George Offsets South						
JOHNSON C32-765 - JOHNSON C32-765 - JOHNSON	15,975.2	6,510.0	1,768.8	1,571.7	9.077	CC
JOHNSON C32-765 - JOHNSON C32-765 - JOHNSON	16,018.2	6,510.0	1,769.2	1,571.2	9.035	ES
JOHNSON C32-765 - JOHNSON C32-765 - JOHNSON	16,200.0	6,510.0	1,780.5	1,579.6	8.961	SF
JOHNSON C32-775 - JOHNSON C32-775 - JOHNSON	16,581.7	6,463.0	1,783.4	1,574.8	8.635	CC
JOHNSON C32-775 - JOHNSON C32-775 - JOHNSON	16,618.2	6,463.1	1,784.0	1,574.5	8.604	ES
JOHNSON C32-775 - JOHNSON C32-775 - JOHNSON	16,800.0	6,463.6	1,796.0	1,583.6	8.545	SF
JOHNSON C32-785 - JOHNSON C32-785 - JOHNSON	17,194.7	6,564.9	1,768.5	1,545.9	8.020	CC
JOHNSON C32-785 - JOHNSON C32-785 - JOHNSON	17,217.3	6,565.5	1,768.8	1,545.6	8.003	ES
JOHNSON C32-785 - JOHNSON C32-785 - JOHNSON	17,400.0	6,604.0	1,782.9	1,556.2	7.939	SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 16N	**Database:**	US_EDM
Reference Design:	GEORGE 16N 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	225.0			
GEORGE 01N - GEORGE 01N - GEORGE 01N Final Su	1,100.0	1,095.0	331.1	318.0	30.731	SF
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	0.0	0.0	210.0			
GEORGE 02N - GEORGE 02N - GEORGE 02N Final Su	1,400.0	1,405.0	384.4	368.8	29.079	SF
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	325.4	328.2	194.2	185.7	31.767	CC, ES
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Fina	1,100.0	1,106.4	270.2	257.2	25.388	SF
GEORGE 04N - GEORGE 04N - GEORGE 04N Final Su	0.0	0.0	180.0			
GEORGE 04N - GEORGE 04N - GEORGE 04N Final Su	1,200.0	1,214.4	270.9	257.2	23.820	SF
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	0.0	0.0	165.0			
GEORGE 05N - GEORGE 05N - GEORGE 05N Final Su	1,100.0	1,114.0	243.8	230.9	23.051	SF
GEORGE 06N - GEORGE 06N - GEORGE 06N Final Su	0.0	0.0	150.1			
GEORGE 06N - GEORGE 06N - GEORGE 06N Final Su	306.5	307.6	150.2	141.7	24.681	ES
GEORGE 06N - GEORGE 06N - GEORGE 06N Final Su	2,800.0	2,813.6	575.6	544.7	20.155	SF
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA Fina	0.0	0.0	135.0			
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA Fina	3,300.0	3,310.2	712.4	675.7	20.737	SF
GEORGE 08N - GEORGE 08N - GEORGE 08N Final Su	0.0	0.0	120.0			
GEORGE 08N - GEORGE 08N - GEORGE 08N Final Su	17,414.0	17,984.0	1,760.1	1,424.6	5.279	SF
GEORGE 09N - GEORGE 09N - GEORGE 09N Final Su	0.0	0.0	105.0			
GEORGE 09N - GEORGE 09N - GEORGE 09N Final Su	17,414.0	17,953.0	1,540.2	1,206.4	4.640	SF
GEORGE 10N - GEORGE 10N - GEORGE 10N Final Su	565.6	571.2	73.7	64.4	10.348	CC, ES
GEORGE 10N - GEORGE 10N - GEORGE 10N Final Su	17,414.0	17,937.3	1,340.4	1,006.1	4.032	SF
GEORGE 11N - GEORGE 11N - GEORGE 11N Final Su	0.0	0.0	75.0			
GEORGE 11N - GEORGE 11N - GEORGE 11N Final Su	17,414.0	17,992.0	1,118.8	784.2	3.361	SF
GEORGE 12N - GEORGE 12N - GEORGE 12N Final Su	0.0	0.0	60.0			
GEORGE 12N - GEORGE 12N - GEORGE 12N Final Su	17,414.0	18,043.8	897.1	562.0	2.689	SF
GEORGE 13N - GEORGE 13N - GEORGE 13N Final Su	0.0	0.0	45.0			
GEORGE 13N - GEORGE 13N - GEORGE 13N Final Su	17,414.0	17,319.0	680.2	356.3	2.109	SF
GEORGE 14N - GEORGE 14N - GEORGE 14N Final Su	0.0	0.0	30.0			
GEORGE 14N - GEORGE 14N - GEORGE 14N Final Su	17,414.0	17,313.0	471.2	150.2	1.472	Collision Monitoring, SF
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Fina	0.0	0.0	15.0			
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Fina	17,414.0	17,375.4	226.7	-96.5	0.699	Authorization, ES, SF
GEORGE 16N - GEORGE 16N - GEORGE 16N Plan #3	14,173.1	14,186.5	2.2	-207.2	-0.001	Unacceptable Path, CC, S
GEORGE 16N - GEORGE 16N - GEORGE 16N Plan #3	17,414.0	17,427.2	16.0	-268.0	0.048	Unacceptable Path, ES
GEORGE 17N - George 17N - George 17N Final Survey	226.7	226.5	13.6	5.4	1.920	CC
GEORGE 17N - George 17N - George 17N Final Survey	15,821.0	15,803.6	183.6	-80.9	0.691	Authorization, SF
GEORGE 17N - George 17N - George 17N Final Survey	17,414.0	17,393.8	214.8	-87.9	0.707	Authorization, ES
GEORGE 17N - George 17N - GEORGE 17N Plan #3 4-	226.7	226.5	13.6	5.4	1.920	CC
GEORGE 17N - George 17N - GEORGE 17N Plan #3 4-	17,414.0	17,396.8	218.4	-89.2	0.708	Authorization, ES, SF
GEORGE 18N - GEORGE 18N - GEORGE 18N	0.0	0.0	30.0			
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #3	0.0	0.0	30.0			
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #3	17,414.0	17,503.2	423.5	100.3	1.313	Collision Monitoring, SF
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA	0.0	0.0	45.0			
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	0.0	0.0	45.0			
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plar	17,414.0	17,496.7	649.1	327.9	2.029	SF
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #2	117.5	117.1	59.7	51.7	9.948	CC, ES
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #2	17,414.0	27,195.1	861.7	488.6	2.318	SF
GEORGE 21N - GEORGE 21N - George 21N Plan #2 4-	900.0	895.5	63.9	52.4	6.638	CC, ES
GEORGE 21N - GEORGE 21N - George 21N Plan #2 4-	1,000.0	994.5	67.4	55.2	6.509	SF
GEORGE 22N - GEORGE 22N - GEORGE 22N Plan #2	117.6	117.1	89.7	81.5	15.102	CC, ES
GEORGE 22N - GEORGE 22N - GEORGE 22N Plan #2	17,414.0	17,657.6	1,302.9	980.4	4.064	SF
GEORGE 23N - GEORGE 23N - GEORGE 23N Plan #2	117.8	117.2	104.5	96.3	17.719	CC, ES
GEORGE 23N - GEORGE 23N - GEORGE 23N Plan #2	17,414.0	17,835.5	1,478.9	933.1	2.717	SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 16N	**Database:**	US_EDM
Reference Design:	GEORGE 16N 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	14,867.4	7,045.1	913.3	734.9	5.174	CC, ES
Long C20-21D - Wellbore #1 - Wellbore #1	14,900.0	7,045.0	913.9	734.9	5.162	SF
Long C20-22D - Wellbore #1 - Wellbore #1	13,663.0	7,091.2	986.5	828.2	6.316	CC
Long C20-22D - Wellbore #1 - Wellbore #1	13,700.0	7,090.7	987.0	827.8	6.281	ES
Long C20-22D - Wellbore #1 - Wellbore #1	13,800.0	7,090.2	995.9	834.9	6.269	SF
SEC.15-T4N-R64W (Existing)						
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,134.9	9,800.8	337.0	229.4	3.181	CC
STOCKLEY C22-79HN - STOCKLEY C22-79HN - STOC	7,200.0	9,819.0	346.0	228.0	2.975	ES, SF
SEC.19-T4N-R64W (Exist)						
OSTER PM C19-8 (Vert) - OSTER PM C19-8 - OSTER F	17,414.0	6,894.3	1,586.5	1,059.3	3.019	CC, ES, SF
VCTOR C19-9 - VICTOR C19-9 - VICTOR C19-9	17,414.0	6,891.3	897.1	812.2	10.839	CC, ES, SF
VICTOR C19-16 (Vert) - VICTOR C19-16 - VICTOR C19	17,414.0	6,916.3	1,464.7	943.7	2.820	CC, ES, SF
SEC.20-T4N-R64W (Exist)						
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	15,658.0	6,852.6	1,430.8	1,236.5	7.444	CC
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	15,700.0	6,852.9	1,431.1	1,236.1	7.418	ES
API 20-6I4 (Vert) - API 20-6I4 - API 20-6I4	15,800.0	6,853.9	1,437.1	1,240.9	7.406	SF
BALBOA 20-1 (Vert) - BALBOA 20-1 - BALBOA 20-1	12,985.1	6,818.8	1,102.6	604.7	2.221	CC
BALBOA 20-1 (Vert) - BALBOA 20-1 - BALBOA 20-1	13,000.0	6,818.9	1,102.6	604.7	2.220	ES, SF
BALBOA 20-3 - BALBOA 20-3 - BALBOA 20-3	14,114.9	6,819.4	143.6	-18.7	0.883	Shut in, CC, ES, SF
BALBOA C-20-2 (Vert) - BALBOA C-20-2 - BALBOA C-2(	12,840.5	6,794.5	46.3	-91.1	0.325	Unacceptable Path, CC, E
BALBOA C20-23 (Vert) - BALBOA C20-23 - BALBOA C2	13,626.4	6,817.4	372.9	219.9	2.461	CC, ES, SF
BALBOA C20-24D - BALBOA C20-24D - BALBOA 20C-2	14,887.3	7,021.3	468.2	289.3	2.639	CC
BALBOA C20-24D - BALBOA C20-24D - BALBOA 20C-2	14,900.0	7,021.3	468.4	289.2	2.636	ES, SF
BALBOA C20-4 (Vert) - BALBOA C20-4 - BALBOA C20-4	14,436.9	6,830.6	1,180.9	1,011.6	7.063	CC, ES
BALBOA C20-4 (Vert) - BALBOA C20-4 - BALBOA C20-4	14,500.0	6,831.3	1,182.6	1,012.2	7.028	SF
BALBOA C20-9X - BALBOA C20-9X - BALBOA C20-9X	12,857.9	6,805.7	318.5	181.2	2.344	CC, ES, SF
CHENOWETH 2 - CHENOWETH 2 - CHENOWETH 2	16,980.7	6,884.1	1,186.9	965.5	5.411	CC
CHENOWETH 2 - CHENOWETH 2 - CHENOWETH 2	17,000.0	6,884.0	1,187.1	965.4	5.403	ES
CHENOWETH 2 - CHENOWETH 2 - CHENOWETH 2	17,100.0	6,885.3	1,192.3	969.4	5.399	SF
CHENOWETH C20-25D - CHENOWETH C20-25D - CHI	16,317.3	7,125.3	596.0	385.0	2.846	CC, ES, SF
HIGHLAND 11-20 - HIGHLAND 11-20 - HIGHLAND 11-2	15,759.0	6,834.3	274.8	79.1	1.409	Collision Monitoring, CC,
HIGHLAND 12-20 - HIGHLAND 12-20 - HIGHLAND 12-2	16,980.1	6,863.6	98.4	-123.5	0.437	Unacceptable Path, CC, E
JOHNSON C29-28 (Vert) - JOHNSON C29-28 - JOHNS(	15,161.4	6,861.7	1,681.5	1,167.0	3.279	CC, ES
JOHNSON C29-28 (Vert) - JOHNSON C29-28 - JOHNS(	15,200.0	6,862.2	1,681.8	1,167.1	3.278	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (Pi	17,114.9	6,894.7	1,595.4	1,371.0	7.176	CC, ES
KLINGENBERG C20-780 - KLINGENBERG C20-780 (Pi	17,200.0	6,895.0	1,597.9	1,372.0	7.141	SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S1	17,100.0	8,561.5	365.1	268.7	3.857	CC, ES, SF
KLINGENBERG C20-780 - KLINGENBERG C20-780 (S1	17,100.0	8,561.5	365.1	268.7	3.857	CC, ES, SF
LONG C20-21D - LONG C20-21D - LONG C20-21D	14,870.2	7,045.1	917.0	738.4	5.192	CC
LONG C20-21D - LONG C20-21D - LONG C20-21D	14,900.0	7,045.1	917.4	738.4	5.180	ES, SF
LONG C20-22D - LONG C20-22D - LONG C20-22D	13,665.8	7,091.2	986.4	828.1	6.314	CC
LONG C20-22D - LONG C20-22D - LONG C20-22D	13,700.0	7,090.8	986.9	827.7	6.281	ES
LONG C20-22D - LONG C20-22D - LONG C20-22D	13,800.0	7,090.3	995.4	834.5	6.266	SF
PREBISH 2 - PREBISH 2 - PREBISH 2	16,879.8	6,870.3	1,492.6	1,273.2	6.868	CC
PREBISH 2 - PREBISH 2 - PREBISH 2	16,900.0	6,870.4	1,492.7	1,272.9	6.857	ES
PREBISH 2 - PREBISH 2 - PREBISH 2	17,000.0	6,869.4	1,497.7	1,276.5	6.837	SF
TODD 20-8 (Vert) - TODD 20-8 - TODD 20-8	13,062.2	6,793.5	1,385.0	888.4	2.798	CC, ES
TODD 20-8 (Vert) - TODD 20-8 - TODD 20-8	13,100.0	6,793.8	1,385.4	888.6	2.798	SF

Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 16N	**Database:**	US_EDM
Reference Design:	GEORGE 16N Final Surveys	**Offset TVD Reference:**	Offset Datum

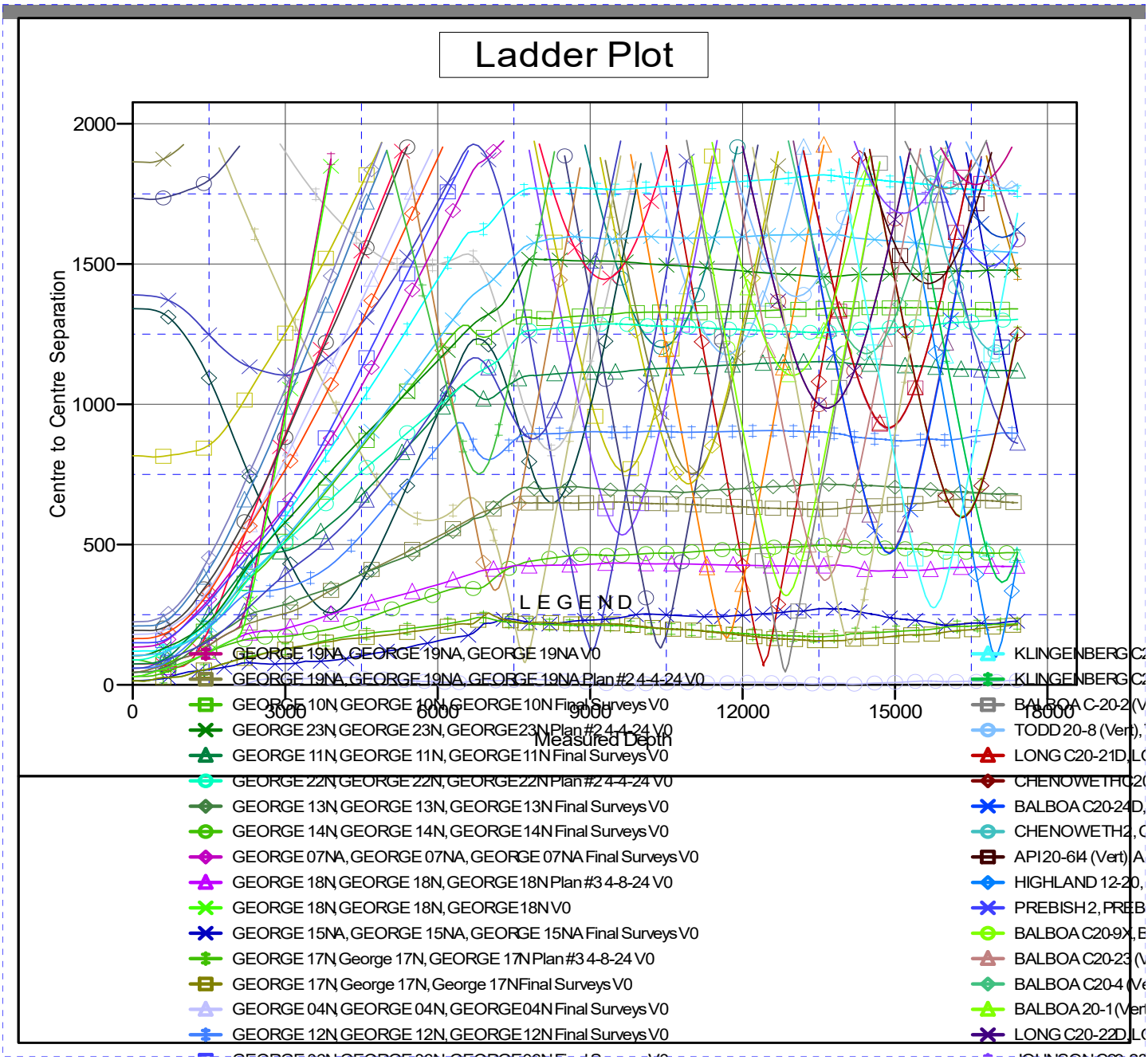
Summary

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)						
HAMLIN C21-22 (Vert) - HAMLIN C21-22 - HAMLIN C21	3,897.3	3,567.4	256.8	3.2	1.013	Collision Monitoring, CC
HAMLIN C21-22 (Vert) - HAMLIN C21-22 - HAMLIN C21	4,000.0	3,659.4	261.0	1.0	1.004	Collision Monitoring, ES,
HANSCOME C21-20 (Vert) - HANSCOME C21-20 - HAN	11,009.3	6,795.0	752.7	265.7	1.548	CC, ES, SF
HANSCOME C21-21 (Vert) - HANSCOME C21-21 - HAN	9,673.1	6,785.5	760.1	277.8	1.579	CC, ES, SF
HANSCOME C21-24 (Vert) - HANSCOME C21-24 - HAN	9,634.9	6,786.3	534.5	52.2	1.109	Collision Monitoring, CC,
HANSCOME C21-79HN - HANSCOME C21-79HN - HAN	12,420.5	7,943.9	67.9	6.2	1.104	Collision Monitoring, CC,
JULIE C21-25 (Vert) - JULIE C21-25 - JULIE C21-25	10,940.8	6,819.6	716.8	228.1	1.469	Collision Monitoring, CC,
KLEIN 1 (Vert) - KLEIN 1 - KLEIN 1	11,684.0	6,820.9	1,177.2	685.7	2.402	CC, ES
KLEIN 1 (Vert) - KLEIN 1 - KLEIN 1	11,700.0	6,820.9	1,177.3	685.7	2.402	SF
KLEIN 21-12 (Vert) - KLEIN 21-12 - KLEIN 21-12	11,683.7	6,796.9	167.1	-322.8	0.338	Unacceptable Path, CC, E
LEONARD 21-10 (Vert) - LEONARD 21-10 - LEONARD 2	9,037.7	6,767.4	122.7	-357.3	0.252	Unacceptable Path, CC, E
LEONARD 21-14I4 (Vert) - LEONARD 21-14I4 - LEONAI	10,402.6	6,806.5	1,202.6	716.5	2.482	CC, ES, SF
LEONARD 21-16I4 - LEONARD 21-16I4 - LEONARD 21	8,200.0	6,751.8	836.6	775.9	14.333	SF
LEONARD 21-16I4 - LEONARD 21-16I4 - LEONARD 21	8,232.7	6,751.7	835.9	775.4	14.360	CC, ES
LEONARD 3 (Vert) - LEONARD 3 - LEONARD 3	10,381.0	6,811.7	131.8	-354.4	0.267	Unacceptable Path, CC, E
THOUTT 2 - THOUTT 2 - THOUTT 2	7,700.0	6,905.0	82.2	18.9	1.311	Collision Monitoring, SF
THOUTT 2 - THOUTT 2 - THOUTT 2	7,719.5	6,906.8	79.8	18.8	1.321	Collision Monitoring, CC,

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 16N	**Database:**	US_EDM
Reference Design:	GEORGE 16N Final Surveys	**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 16N
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.61°



Ensign

Anticollision Summary Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 16N
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 16N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 16N	**Database:**	US_EDM
Reference Design:	GEORGE 16N Final Surveys	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4743.0ft (T41 - RKB 25')	Coordinates are relative to: GEORGE 16N
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°