Chevron DJ Basin

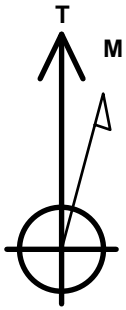
GEORGE 21N
George Pad
North American Datum 1983 , US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4718.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1353424.39	3263805.77	40.299688	-104.554179	

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

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
21N SHL - 1996' FNL & 2195' FEL	0.0	0.0	0.0	40.299688	-104.554179	Point
21N BHL - 1979' FNL & 2211' FEL	7598.0	16.6	-16.0	40.299734	-104.554236	Point



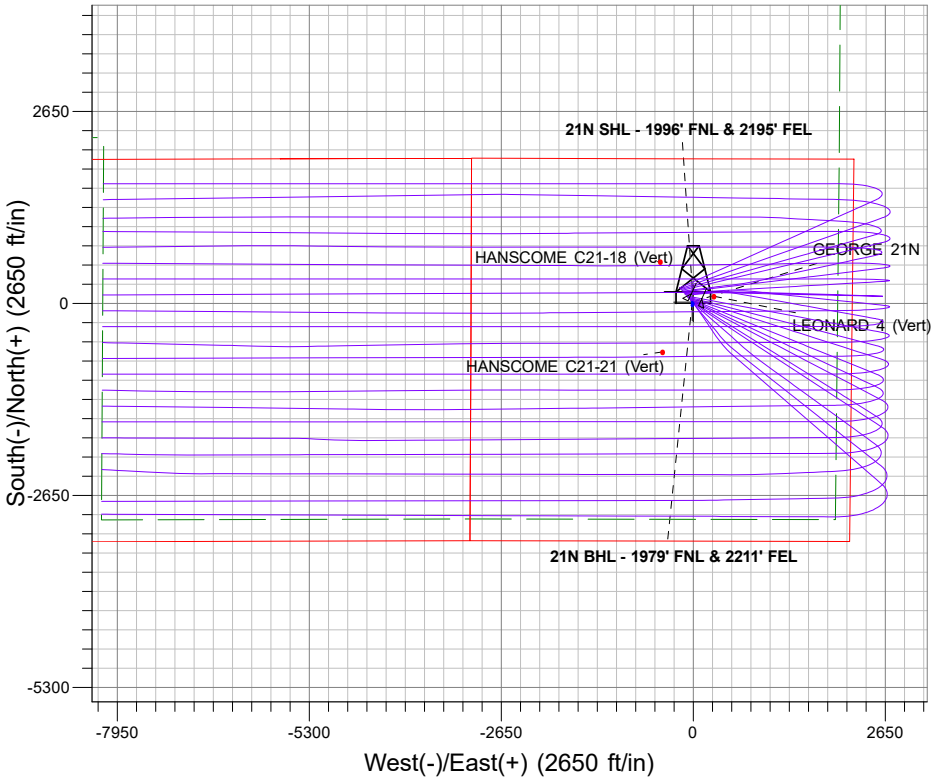
Azimuths to True North
Magnetic North: 7.66°

Magnetic Field
Strength: 51618.7nT
Dip Angle: 66.54°
Date: 02/20/2024
Model: HRGM

George Pad
GEORGE 21N
George 21N Plan #2 4-2-24
15:12, April 02 2024

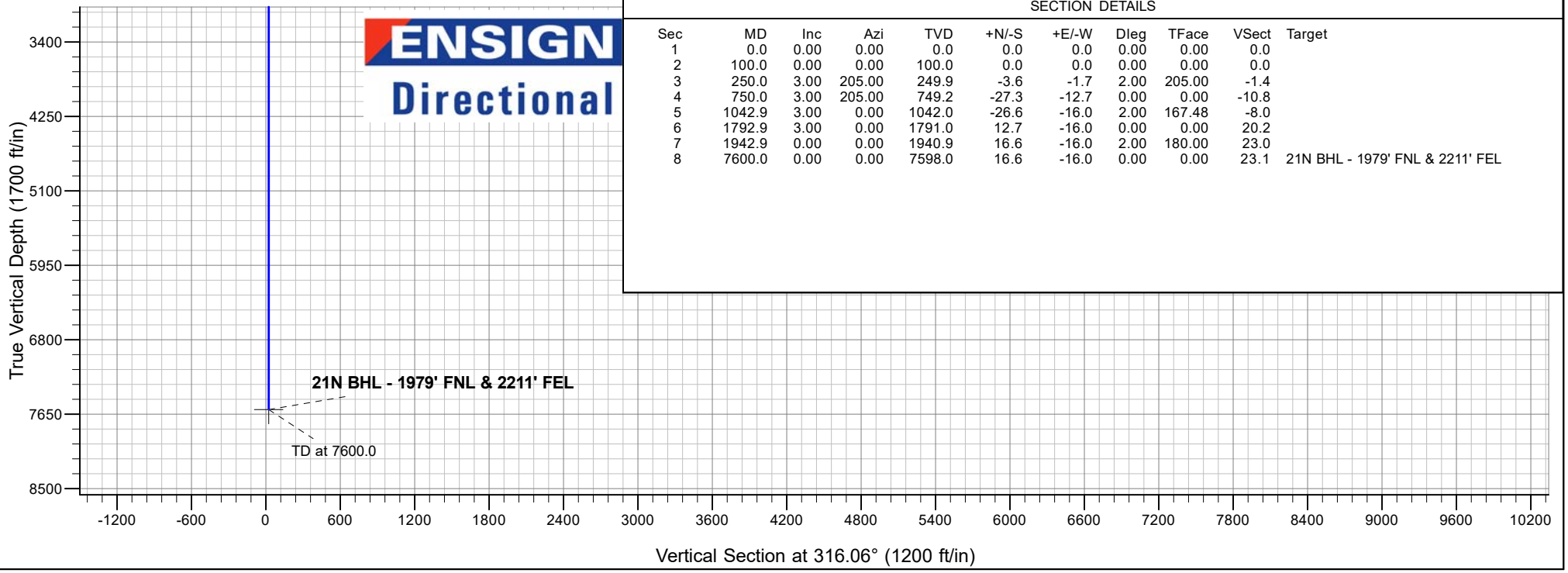
ANNOTATIONS

MD	TVD	Annotation
100.0	100.0	Start Build 2.00
250.0	249.9	Start 500.0 hold at 250.0 MD
750.0	749.2	Start Turn 52.92
1042.9	1042.0	Start 750.0 hold at 1042.9 MD
1792.9	1791.0	Start Drop -2.00
1942.9	1940.9	Start 5657.1 hold at 1942.9 MD
7600.0	7598.0	TD at 7600.0



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	100.0	0.00	0.00	100.0	0.0	0.0	0.00	0.00	0.0	
3	250.0	3.00	205.00	249.9	-3.6	-1.7	2.00	205.00	-1.4	
4	750.0	3.00	205.00	749.2	-27.3	-12.7	0.00	0.00	-10.8	
5	1042.9	3.00	0.00	1042.0	-26.6	-16.0	2.00	167.48	-8.0	
6	1792.9	3.00	0.00	1791.0	12.7	-16.0	0.00	0.00	20.2	
7	1942.9	0.00	0.00	1940.9	16.6	-16.0	2.00	180.00	23.0	
8	7600.0	0.00	0.00	7598.0	16.6	-16.0	0.00	0.00	23.1	21N BHL - 1979' FNL & 2211' FEL



Chevron DJ Basin

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

GEORGE 21N

Plan: George 21N Plan #2 4-2-24

Standard Planning Report

02 April, 2024

Database:	US_EDM	**Local Co-ordinate Reference:**	Well GEORGE 21N
Company:	Chevron DJ Basin	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Project:	SEC.21-T4N-R64W	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**North Reference:**	True
Well:	GEORGE 21N	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	GEORGE 21N		
Design:	George 21N Plan #2 4-2-24		

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 21N

Well Position	**+N/-S**	-100.9 ft	**Northing:**	1,353,424.39 usft	**Latitude:**	40.299688
	+E/-W	89.6 ft	**Easting:**	3,263,805.77 usft	**Longitude:**	-104.554179
Position Uncertainty		0.0 ft	**Wellhead Elevation:**		**Ground Level:**	4,718.0 ft

Wellbore GEORGE 21N

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	02/20/2024	7.66	66.54	51,618.68006307

Design George 21N Plan #2 4-2-24

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	316.06

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.00	0.00	0.00	0.00	
250.0	3.00	205.00	249.9	-3.6	-1.7	2.00	2.00	0.00	205.00	
750.0	3.00	205.00	749.2	-27.3	-12.7	0.00	0.00	0.00	0.00	
1,042.9	3.00	0.00	1,042.0	-26.6	-16.0	2.00	0.00	52.92	167.48	
1,792.9	3.00	0.00	1,791.0	12.7	-16.0	0.00	0.00	0.00	0.00	
1,942.9	0.00	0.00	1,940.9	16.6	-16.0	2.00	-2.00	0.00	180.00	
7,600.0	0.00	0.00	7,598.0	16.6	-16.0	0.00	0.00	0.00	0.00	21N BHL - 1979' FN

Database:	US_EDM	**Local Co-ordinate Reference:**	Well GEORGE 21N
Company:	Chevron DJ Basin	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Project:	SEC.21-T4N-R64W	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**North Reference:**	True
Well:	GEORGE 21N	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	GEORGE 21N		
Design:	George 21N Plan #2 4-2-24		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
200.0	2.00	205.00	200.0	-1.6	-0.7	-0.6	2.00	2.00	0.00
250.0	3.00	205.00	249.9	-3.6	-1.7	-1.4	2.00	2.00	0.00
Start 500.0 hold at 250.0 MD									
300.0	3.00	205.00	299.9	-5.9	-2.8	-2.4	0.00	0.00	0.00
400.0	3.00	205.00	399.7	-10.7	-5.0	-4.2	0.00	0.00	0.00
500.0	3.00	205.00	499.6	-15.4	-7.2	-6.1	0.00	0.00	0.00
600.0	3.00	205.00	599.5	-20.2	-9.4	-8.0	0.00	0.00	0.00
700.0	3.00	205.00	699.3	-24.9	-11.6	-9.9	0.00	0.00	0.00
750.0	3.00	205.00	749.2	-27.3	-12.7	-10.8	0.00	0.00	0.00
Start Turn 52.92									
800.0	2.04	211.11	799.2	-29.2	-13.7	-11.5	2.00	-1.93	12.23
900.0	0.65	288.75	899.2	-30.6	-15.2	-11.5	2.00	-1.38	77.64
1,000.0	2.17	355.09	999.1	-28.5	-15.9	-9.5	2.00	1.52	66.34
1,042.9	3.00	0.00	1,042.0	-26.6	-16.0	-8.0	2.00	1.93	11.46
Start 750.0 hold at 1042.9 MD									
1,100.0	3.00	0.00	1,099.0	-23.6	-16.0	-5.9	0.00	0.00	0.00
1,200.0	3.00	0.00	1,198.9	-18.3	-16.0	-2.1	0.00	0.00	0.00
1,300.0	3.00	0.00	1,298.7	-13.1	-16.0	1.6	0.00	0.00	0.00
1,400.0	3.00	0.00	1,398.6	-7.9	-16.0	5.4	0.00	0.00	0.00
1,500.0	3.00	0.00	1,498.5	-2.6	-16.0	9.2	0.00	0.00	0.00
1,600.0	3.00	0.00	1,598.3	2.6	-16.0	12.9	0.00	0.00	0.00
1,700.0	3.00	0.00	1,698.2	7.8	-16.0	16.7	0.00	0.00	0.00
1,792.9	3.00	0.00	1,791.0	12.7	-16.0	20.2	0.00	0.00	0.00
Start Drop -2.00									
1,800.0	2.86	0.00	1,798.1	13.1	-16.0	20.5	2.00	-2.00	0.00
1,900.0	0.86	0.00	1,898.0	16.3	-16.0	22.8	2.00	-2.00	0.00
1,942.9	0.00	0.00	1,940.9	16.6	-16.0	23.0	2.00	-2.00	0.00
Start 5657.1 hold at 1942.9 MD									
2,000.0	0.00	0.00	1,998.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,098.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,198.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,298.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,398.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,498.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,598.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,698.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,798.0	16.6	-16.0	23.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,898.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,000.0	0.00	0.00	2,998.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,098.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,198.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,298.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,398.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,498.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,598.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,698.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,798.0	16.6	-16.0	23.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,898.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,000.0	0.00	0.00	3,998.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,098.0	16.6	-16.0	23.0	0.00	0.00	0.00

Database:	US_EDM	**Local Co-ordinate Reference:**	Well GEORGE 21N
Company:	Chevron DJ Basin	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Project:	SEC.21-T4N-R64W	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**North Reference:**	True
Well:	GEORGE 21N	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	GEORGE 21N		
Design:	George 21N Plan #2 4-2-24		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,200.0	0.00	0.00	4,198.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,298.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,398.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,498.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,598.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,698.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,798.0	16.6	-16.0	23.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,898.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,000.0	0.00	0.00	4,998.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,098.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,198.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,298.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,398.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,498.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,598.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,698.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,798.0	16.6	-16.0	23.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,898.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,998.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,098.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,198.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,298.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,398.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,498.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,598.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,698.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,798.0	16.6	-16.0	23.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,898.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,000.0	0.00	0.00	6,998.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,098.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,198.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,298.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,398.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,498.0	16.6	-16.0	23.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,598.0	16.6	-16.0	23.1	0.00	0.00	0.00
TD at 7600.0									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
21N SHL - 1996' FNL - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	1,353,424.40	3,263,805.77	40.299688	-104.554179
21N BHL - 1979' FNL - plan hits target center - Point	0.00	0.00	7,598.0	16.6	-16.0	1,353,440.83	3,263,789.60	40.299734	-104.554236

Database:	US_EDM	**Local Co-ordinate Reference:**	Well GEORGE 21N
Company:	Chevron DJ Basin	**TVD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Project:	SEC.21-T4N-R64W	**MD Reference:**	Well @ 4743.0ft (T41 - RKB 25')
Site:	George Pad	**North Reference:**	True
Well:	GEORGE 21N	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	GEORGE 21N		
Design:	George 21N Plan #2 4-2-24		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
100.0	100.0	10 3/4"	10-3/4	12-1/4

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
100.0	100.0	0.0	0.0	Start Build 2.00
250.0	249.9	-3.6	-1.7	Start 500.0 hold at 250.0 MD
750.0	749.2	-27.3	-12.7	Start Turn 52.92
1,042.9	1,042.0	-26.6	-16.0	Start 750.0 hold at 1042.9 MD
1,792.9	1,791.0	12.7	-16.0	Start Drop -2.00
1,942.9	1,940.9	16.6	-16.0	Start 5657.1 hold at 1942.9 MD
7,600.0	7,598.0	16.6	-16.0	TD at 7600.0

Chevron DJ Basin

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

GEORGE 21N
George 21N Plan #2 4-2-24

Anticollision Report

02 April, 2024

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Reference George 21N Plan #2 4-2-24

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 separation factor of 3.00	**Error Surface:**	Combined Pedal Curve
Warning Levels Evaluated at:	3.50 **Sigma**	**Casing Method:**	N/A Unknown

Survey Tool Program **Date** 04/02/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	7,600.0	George 21N Plan #2 4-2-24 (GEORGE 21	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
George Pad						
GEORGE 02N - GEORGE 02N - GEORGE 02N Plan #1						Out of range
GEORGE 03NA - GEORGE 03NA - GEORGE 03NA Plan						Out of range
GEORGE 04N - GEORGE 04N - GEORGE 04N Plan #1						Out of range
GEORGE 05N - GEORGE 05N - GEORGE 05N Plan #1						Out of range
GEORGE 06N - GEORGE 06N - GEORGE 06N Plan #1						Out of range
GEORGE 07NA - GEORGE 07NA - GEORGE 07NA PLA						Out of range
GEORGE 08N - GEORGE 08N - GEORGE 08N PLAN #						Out of range
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	6,799.7	9,802.5	134.7	38.4	1.409	Collision Monitoring, CC
GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1	6,800.0	9,802.5	134.7	38.4	1.409	Collision Monitoring, ES,
GEORGE 10N - GEORGE 10N - GEORGE 10N Plan #1	6,710.0	9,839.5	132.3	35.1	1.369	Collision Monitoring, CC,
GEORGE 11N - GEORGE 11N - GEORGE 11N Plan #1						Out of range
GEORGE 12N - GEORGE 12N - GEORGE 12N Plan #1						Out of range
GEORGE 13N - GEORGE 13N - GEORGE 13N Plan #1						Out of range
GEORGE 14N - GEORGE 14N - GEORGE 14N Plan #1						Out of range
GEORGE 15NA - GEORGE 15NA - GEORGE 15NA Plan						Out of range
GEORGE 16N - GEORGE 16N - GEORGE Plan #1 2-16						Out of range
GEORGE 17N - George 17N - GEORGE 17N Plan #1 2-						Out of range
GEORGE 18N - GEORGE 18N - GEORGE 18N Plan #1						Out of range
GEORGE 19NA - GEORGE 19NA - GEORGE 19NA Plan						Out of range
GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #1	336.9	337.6	12.4	4.1	1.643	CC, ES, SF
GEORGE 22N - GEORGE 22N - GEORGE 22N Plan #1	100.0	100.0	15.0	7.0	2.218	CC, ES, SF
GEORGE 23N - GEORGE 23N - GEORGE 23N Plan #1						Out of range
SEC.21-T4N-R64W (Exist)						
HANSCOME C21-18 (Vert) - HANSCOME C21-18 - HAN						Out of range
HANSCOME C21-21 (Vert) - HANSCOME C21-21 - HAN	7,013.8	7,007.8	798.7	305.2	1.621	CC
HANSCOME C21-21 (Vert) - HANSCOME C21-21 - HAN	7,100.0	7,086.0	798.7	299.8	1.603	ES, SF
LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4	1,999.8	1,969.8	311.1	170.8	2.236	CC
LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4	7,004.4	6,974.4	311.2	-180.0	0.632	Authorization, ES, SF

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design George Pad - GEORGE 09N - GEORGE 09N - GEORGE 09N Plan #1 2-15-24 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD+IFR1+SAG+MS — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,700.0	6,698.0	9,802.1	6,796.7	41.5	84.0	-0.10	151.4	-16.2	167.6	86.7	80.93	2.101	
6,799.7	6,797.7	9,802.5	6,796.7	42.1	84.0	-0.25	151.4	-16.5	134.7	38.4	96.29	1.409	Collision Monitoring, CC
6,800.0	6,798.0	9,802.5	6,796.7	42.1	84.0	-0.25	151.4	-16.5	134.7	38.4	96.30	1.409	Collision Monitoring, ES, SF
6,900.0	6,898.0	9,802.8	6,796.7	42.7	84.0	-0.40	151.4	-16.9	168.0	85.3	82.70	2.060	

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design George Pad - GEORGE 10N - GEORGE 10N - GEORGE 10N Plan #1 2-15-24

Offset Site Error: 0.0 ft

Survey Program: 0-MWD+IFR1+SAG+MS

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,600.0	6,598.0	9,839.5	6,710.0	40.8	85.5	179.55	-115.6	-14.9	172.0	91.8	80.18	2.175	
6,700.0	6,698.0	9,839.5	6,710.0	41.5	85.5	179.55	-115.6	-14.9	132.6	35.7	96.96	1.376	Collision Monitoring
6,710.0	6,708.0	9,839.5	6,710.0	41.5	85.5	179.55	-115.6	-14.9	132.3	35.1	97.16	1.369	Collision Monitoring, CC, ES, SF
6,800.0	6,798.0	9,839.5	6,710.0	42.1	85.5	179.55	-115.6	-14.9	160.0	75.7	84.24	1.921	

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design George Pad - GEORGE 20N - GEORGE 20N - GEORGE 20N Plan #1 2-16-24

Offset Site Error: 0.0 ft

Survey Program: 0-MWD+IFR1+SAG+MS

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-41.60	11.2	-9.9	15.0				
100.0	100.0	100.0	100.0	0.5	0.5	-41.60	11.2	-9.9	15.0	7.2	7.78	2.241	
200.0	200.0	200.5	200.5	1.1	1.1	120.91	10.0	-8.6	14.0	6.1	7.95	2.023	
300.0	299.9	300.7	300.5	1.7	1.7	146.50	6.6	-4.6	12.6	4.4	8.23	1.710	
336.9	336.7	337.6	337.3	1.9	1.9	159.92	4.7	-2.5	12.4	4.1	8.36	1.643	CC, ES, SF
400.0	399.7	400.5	400.0	2.3	2.3	-174.01	0.8	1.9	13.4	4.8	8.62	1.724	
500.0	499.6	499.7	498.4	2.9	3.0	-139.25	-7.2	11.0	20.0	10.9	9.10	2.539	

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design George Pad - GEORGE 22N - GEORGE 22N - GEORGE 22N Plan #1 2-16-24 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD+IFR1+SAG+MS — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	138.69	-11.3	9.9	15.0				
100.0	100.0	100.0	100.0	0.5	0.5	138.69	-11.3	9.9	15.0	7.0	8.00	2.218	CC, ES, SF
200.0	200.0	199.4	199.4	1.1	1.1	-71.75	-12.6	11.0	16.1	8.0	8.16	2.344	
300.0	299.9	298.7	298.5	1.7	1.7	-82.78	-16.6	14.3	20.2	11.7	8.44	2.888	

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design SEC.21-T4N-R64W (Exist) - HANSCOME C21-21 (Vert) - HANSCOME C21-21 - HANSCOME C21-21 — **Offset Site Error:** 0.0 ft

Survey Program: 7086-UNKNOWN — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
3,800.0	3,798.0	3,794.0	3,794.0	23.3	265.0	-149.34	-670.4	-423.2	798.7	530.5	268.11	2.994	
3,900.0	3,898.0	3,894.0	3,894.0	23.9	272.0	-149.34	-670.4	-423.2	798.7	523.5	275.12	2.917	
4,000.0	3,998.0	3,994.0	3,994.0	24.5	279.0	-149.34	-670.4	-423.2	798.7	516.5	282.13	2.844	
4,100.0	4,098.0	4,094.0	4,094.0	25.2	286.0	-149.34	-670.4	-423.2	798.7	509.5	289.14	2.774	
4,200.0	4,198.0	4,194.0	4,194.0	25.8	293.0	-149.34	-670.4	-423.2	798.7	502.5	296.15	2.708	
4,300.0	4,298.0	4,294.0	4,294.0	26.4	299.9	-149.34	-670.4	-423.2	798.7	495.5	303.16	2.645	
4,400.0	4,398.0	4,394.0	4,394.0	27.1	306.9	-149.34	-670.4	-423.2	798.7	488.5	310.18	2.585	
4,500.0	4,498.0	4,494.0	4,494.0	27.7	313.9	-149.34	-670.4	-423.2	798.7	481.5	317.19	2.528	
4,600.0	4,598.0	4,594.0	4,594.0	28.3	320.9	-149.34	-670.4	-423.2	798.7	474.5	324.20	2.473	
4,700.0	4,698.0	4,694.0	4,694.0	28.9	327.9	-149.34	-670.4	-423.2	798.7	467.4	331.21	2.420	
4,800.0	4,798.0	4,794.0	4,794.0	29.6	334.9	-149.34	-670.4	-423.2	798.7	460.4	338.22	2.369	
4,900.0	4,898.0	4,894.0	4,894.0	30.2	341.9	-149.34	-670.4	-423.2	798.7	453.4	345.24	2.321	
5,000.0	4,998.0	4,994.0	4,994.0	30.8	348.8	-149.34	-670.4	-423.2	798.7	446.4	352.25	2.275	
5,100.0	5,098.0	5,094.0	5,094.0	31.4	355.8	-149.34	-670.4	-423.2	798.7	439.4	359.26	2.230	
5,200.0	5,198.0	5,194.0	5,194.0	32.1	362.8	-149.34	-670.4	-423.2	798.7	432.4	366.27	2.187	
5,300.0	5,298.0	5,294.0	5,294.0	32.7	369.8	-149.34	-670.4	-423.2	798.7	425.4	373.29	2.146	
5,400.0	5,398.0	5,394.0	5,394.0	33.3	376.8	-149.34	-670.4	-423.2	798.7	418.4	380.30	2.106	
5,500.0	5,498.0	5,494.0	5,494.0	33.9	383.8	-149.34	-670.4	-423.2	798.7	411.3	387.31	2.068	
5,600.0	5,598.0	5,594.0	5,594.0	34.6	390.8	-149.34	-670.4	-423.2	798.7	404.3	394.32	2.031	
5,700.0	5,698.0	5,694.0	5,694.0	35.2	397.7	-149.34	-670.4	-423.2	798.7	397.3	401.34	1.995	
5,800.0	5,798.0	5,794.0	5,794.0	35.8	404.7	-149.34	-670.4	-423.2	798.7	390.3	408.35	1.961	
5,900.0	5,898.0	5,894.0	5,894.0	36.4	411.7	-149.34	-670.4	-423.2	798.7	383.3	415.36	1.927	
6,000.0	5,998.0	5,994.0	5,994.0	37.1	418.7	-149.34	-670.4	-423.2	798.7	376.3	422.37	1.895	
6,100.0	6,098.0	6,094.0	6,094.0	37.7	425.7	-149.34	-670.4	-423.2	798.7	369.3	429.39	1.864	
6,200.0	6,198.0	6,194.0	6,194.0	38.3	432.7	-149.34	-670.4	-423.2	798.7	362.3	436.40	1.834	
6,300.0	6,298.0	6,294.0	6,294.0	38.9	439.6	-149.34	-670.4	-423.2	798.7	355.2	443.41	1.805	
6,400.0	6,398.0	6,394.0	6,394.0	39.6	446.6	-149.34	-670.4	-423.2	798.7	348.2	450.42	1.777	
6,500.0	6,498.0	6,494.0	6,494.0	40.2	453.6	-149.34	-670.4	-423.2	798.7	341.2	457.44	1.749	
6,600.0	6,598.0	6,594.0	6,594.0	40.8	460.6	-149.34	-670.4	-423.2	798.7	334.2	464.45	1.723	
6,700.0	6,698.0	6,694.0	6,694.0	41.5	467.6	-149.34	-670.4	-423.2	798.7	327.2	471.46	1.697	
6,800.0	6,798.0	6,794.0	6,794.0	42.1	474.6	-149.34	-670.4	-423.2	798.7	320.2	478.47	1.672	
6,900.0	6,898.0	6,894.0	6,894.0	42.7	481.6	-149.34	-670.4	-423.2	798.7	313.2	485.49	1.648	
7,000.0	6,998.0	6,994.0	6,994.0	43.3	488.5	-149.34	-670.4	-423.2	798.7	306.2	492.50	1.624	
7,013.8	7,011.8	7,007.8	7,007.8	43.4	489.5	-149.34	-670.4	-423.2	798.7	305.2	493.46	1.621	CC
7,100.0	7,098.0	7,086.0	7,086.0	44.0	495.0	-149.34	-670.4	-423.2	798.7	299.8	498.93	1.603	ES, SF
7,200.0	7,198.0	7,086.0	7,086.0	44.6	495.0	-149.34	-670.4	-423.2	805.9	311.4	494.53	1.632	
7,300.0	7,298.0	7,086.0	7,086.0	45.2	495.0	-149.34	-670.4	-423.2	825.3	342.2	483.05	1.711	
7,400.0	7,398.0	7,086.0	7,086.0	45.8	495.0	-149.34	-670.4	-423.2	856.0	390.1	465.89	1.841	
7,500.0	7,498.0	7,086.0	7,086.0	46.5	495.0	-149.34	-670.4	-423.2	896.8	452.0	444.86	2.021	
7,600.0	7,598.0	7,086.0	7,086.0	47.1	495.0	-149.34	-670.4	-423.2	946.5	524.8	421.72	2.250	

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design SEC.21-T4N-R64W (Exist) - LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4 — **Offset Site Error:** 0.0 ft

Survey Program: 7030-UNKNOWN — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,600.0	1,598.3	1,570.3	1,570.3	9.6	109.7	72.21	99.0	284.2	315.2	202.9	112.30	2.840	
1,700.0	1,698.2	1,670.2	1,670.2	10.3	116.7	73.12	99.0	284.2	313.7	194.4	119.29	2.657	
1,800.0	1,798.1	1,770.1	1,770.1	10.9	123.7	74.04	99.0	284.2	312.2	185.9	126.29	2.496	
1,900.0	1,898.0	1,870.0	1,870.0	11.5	130.7	74.59	99.0	284.2	311.3	178.0	133.29	2.356	
1,999.8	1,997.8	1,969.8	1,969.8	12.1	137.6	74.73	99.0	284.2	311.1	170.8	140.28	2.236	CC
2,000.0	1,998.0	1,970.0	1,970.0	12.1	137.6	74.65	99.0	284.2	311.2	170.9	140.30	2.236	
2,100.0	2,098.0	2,070.0	2,070.0	12.7	144.6	74.65	99.0	284.2	311.2	163.9	147.31	2.128	
2,200.0	2,198.0	2,170.0	2,170.0	13.3	151.6	74.65	99.0	284.2	311.2	156.9	154.32	2.030	
2,300.0	2,298.0	2,270.0	2,270.0	14.0	158.6	74.65	99.0	284.2	311.2	149.9	161.33	1.941	
2,400.0	2,398.0	2,370.0	2,370.0	14.6	165.6	74.65	99.0	284.2	311.2	142.9	168.34	1.859	
2,500.0	2,498.0	2,470.0	2,470.0	15.2	172.6	74.65	99.0	284.2	311.2	135.9	175.35	1.784	
2,600.0	2,598.0	2,570.0	2,570.0	15.8	179.6	74.65	99.0	284.2	311.2	128.9	182.36	1.715	
2,700.0	2,698.0	2,670.0	2,670.0	16.4	186.6	74.65	99.0	284.2	311.2	121.9	189.37	1.650	
2,800.0	2,798.0	2,770.0	2,770.0	17.1	193.5	74.65	99.0	284.2	311.2	114.9	196.38	1.591	
2,900.0	2,898.0	2,870.0	2,870.0	17.7	200.5	74.65	99.0	284.2	311.2	107.8	203.39	1.536	
3,000.0	2,998.0	2,970.0	2,970.0	18.3	207.5	74.65	99.0	284.2	311.2	100.8	210.40	1.484	Collision Monitoring
3,100.0	3,098.0	3,070.0	3,070.0	18.9	214.5	74.65	99.0	284.2	311.2	93.8	217.42	1.436	Collision Monitoring
3,200.0	3,198.0	3,170.0	3,170.0	19.6	221.5	74.65	99.0	284.2	311.2	86.8	224.43	1.390	Collision Monitoring
3,300.0	3,298.0	3,270.0	3,270.0	20.2	228.5	74.65	99.0	284.2	311.2	79.8	231.44	1.348	Collision Monitoring
3,400.0	3,398.0	3,370.0	3,370.0	20.8	235.5	74.65	99.0	284.2	311.2	72.8	238.45	1.308	Collision Monitoring
3,500.0	3,498.0	3,470.0	3,470.0	21.4	242.5	74.65	99.0	284.2	311.2	65.8	245.47	1.270	Collision Monitoring
3,600.0	3,598.0	3,570.0	3,570.0	22.0	249.4	74.65	99.0	284.2	311.2	58.8	252.48	1.235	Collision Monitoring
3,700.0	3,698.0	3,670.0	3,670.0	22.7	256.4	74.65	99.0	284.2	311.2	51.7	259.49	1.201	Collision Monitoring
3,800.0	3,798.0	3,770.0	3,770.0	23.3	263.4	74.65	99.0	284.2	311.2	44.7	266.51	1.169	Collision Monitoring
3,900.0	3,898.0	3,870.0	3,870.0	23.9	270.4	74.65	99.0	284.2	311.2	37.7	273.52	1.139	Collision Monitoring
4,000.0	3,998.0	3,970.0	3,970.0	24.5	277.4	74.65	99.0	284.2	311.2	30.7	280.53	1.110	Collision Monitoring
4,100.0	4,098.0	4,070.0	4,070.0	25.2	284.4	74.65	99.0	284.2	311.2	23.7	287.55	1.083	Collision Monitoring
4,200.0	4,198.0	4,170.0	4,170.0	25.8	291.4	74.65	99.0	284.2	311.2	16.7	294.56	1.057	Collision Monitoring
4,300.0	4,298.0	4,270.0	4,270.0	26.4	298.3	74.65	99.0	284.2	311.2	9.7	301.57	1.032	Collision Monitoring
4,400.0	4,398.0	4,370.0	4,370.0	27.1	305.3	74.65	99.0	284.2	311.2	2.7	308.59	1.009	Collision Monitoring
4,500.0	4,498.0	4,470.0	4,470.0	27.7	312.3	74.65	99.0	284.2	311.2	-4.4	315.60	0.986	Shut in
4,600.0	4,598.0	4,570.0	4,570.0	28.3	319.3	74.65	99.0	284.2	311.2	-11.4	322.61	0.965	Shut in
4,700.0	4,698.0	4,670.0	4,670.0	28.9	326.3	74.65	99.0	284.2	311.2	-18.4	329.63	0.944	Shut in
4,800.0	4,798.0	4,770.0	4,770.0	29.6	333.3	74.65	99.0	284.2	311.2	-25.4	336.64	0.924	Shut in
4,900.0	4,898.0	4,870.0	4,870.0	30.2	340.3	74.65	99.0	284.2	311.2	-32.4	343.66	0.905	Shut in
5,000.0	4,998.0	4,970.0	4,970.0	30.8	347.3	74.65	99.0	284.2	311.2	-39.4	350.67	0.887	Shut in
5,100.0	5,098.0	5,070.0	5,070.0	31.4	354.2	74.65	99.0	284.2	311.2	-46.4	357.68	0.869	Shut in
5,200.0	5,198.0	5,170.0	5,170.0	32.1	361.2	74.65	99.0	284.2	311.2	-53.5	364.70	0.853	Shut in
5,300.0	5,298.0	5,270.0	5,270.0	32.7	368.2	74.65	99.0	284.2	311.2	-60.5	371.71	0.836	Shut in
5,400.0	5,398.0	5,370.0	5,370.0	33.3	375.2	74.65	99.0	284.2	311.2	-67.5	378.73	0.821	Shut in
5,500.0	5,498.0	5,470.0	5,470.0	33.9	382.2	74.65	99.0	284.2	311.2	-74.5	385.74	0.806	Shut in
5,600.0	5,598.0	5,570.0	5,570.0	34.6	389.2	74.65	99.0	284.2	311.2	-81.5	392.76	0.791	Shut in
5,700.0	5,698.0	5,670.0	5,670.0	35.2	396.2	74.65	99.0	284.2	311.2	-88.5	399.77	0.777	Shut in
5,800.0	5,798.0	5,770.0	5,770.0	35.8	403.2	74.65	99.0	284.2	311.2	-95.5	406.78	0.764	Shut in
5,900.0	5,898.0	5,870.0	5,870.0	36.4	410.1	74.65	99.0	284.2	311.2	-102.6	413.80	0.751	Shut in
6,000.0	5,998.0	5,970.0	5,970.0	37.1	417.1	74.65	99.0	284.2	311.2	-109.6	420.81	0.738	Authorization
6,100.0	6,098.0	6,070.0	6,070.0	37.7	424.1	74.65	99.0	284.2	311.2	-116.6	427.83	0.726	Authorization
6,200.0	6,198.0	6,170.0	6,170.0	38.3	431.1	74.65	99.0	284.2	311.2	-123.6	434.84	0.714	Authorization
6,300.0	6,298.0	6,270.0	6,270.0	38.9	438.1	74.65	99.0	284.2	311.2	-130.6	441.86	0.703	Authorization
6,400.0	6,398.0	6,370.0	6,370.0	39.6	445.1	74.65	99.0	284.2	311.2	-137.6	448.87	0.692	Authorization
6,500.0	6,498.0	6,470.0	6,470.0	40.2	452.1	74.65	99.0	284.2	311.2	-144.6	455.88	0.681	Authorization
6,600.0	6,598.0	6,570.0	6,570.0	40.8	459.0	74.65	99.0	284.2	311.2	-151.7	462.90	0.671	Authorization

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

Ensign

Anticollision Report

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Offset Design SEC.21-T4N-R64W (Exist) - LEONARD 4 (Vert) - LEONARD 4 - LEONARD 4

Offset Site Error: 0.0 ft

Survey Program: 7030-UNKNOWN

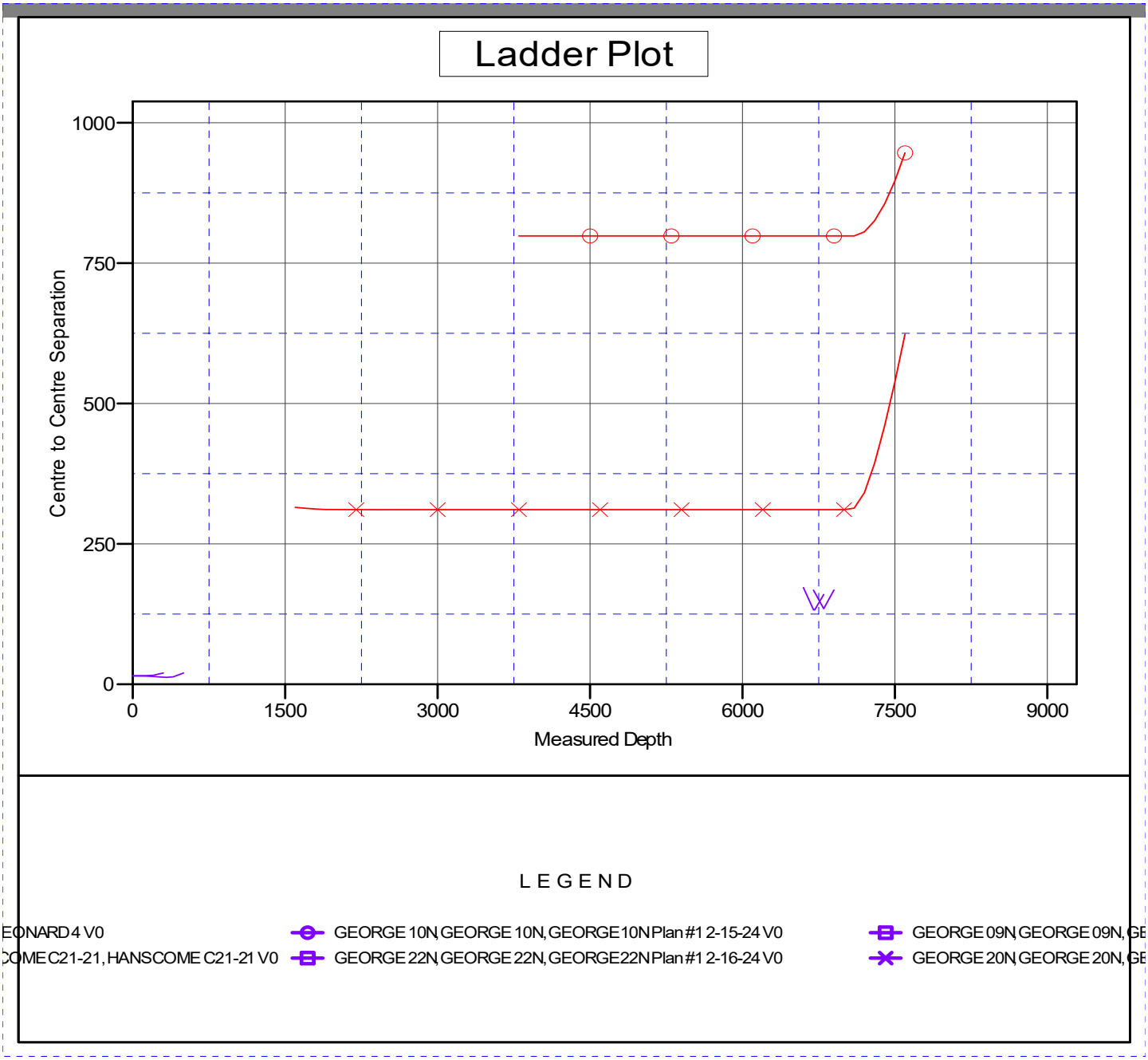
Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,700.0	6,698.0	6,670.0	6,670.0	41.5	466.0	74.65	99.0	284.2	311.2	-158.7	469.91	0.661	Authorization
6,800.0	6,798.0	6,770.0	6,770.0	42.1	473.0	74.65	99.0	284.2	311.2	-165.7	476.93	0.651	Authorization
6,900.0	6,898.0	6,870.0	6,870.0	42.7	480.0	74.65	99.0	284.2	311.2	-172.7	483.94	0.642	Authorization
7,000.0	6,998.0	6,970.0	6,970.0	43.3	487.0	74.65	99.0	284.2	311.2	-179.7	490.96	0.632	Authorization
7,004.4	7,002.4	6,974.4	6,974.4	43.4	487.3	74.65	99.0	284.2	311.2	-180.0	491.27	0.632	Authorization, ES, SF
7,100.0	7,098.0	7,030.0	7,030.0	44.0	491.2	74.65	99.0	284.2	313.8	-177.4	491.17	0.637	Authorization
7,200.0	7,198.0	7,030.0	7,030.0	44.6	491.2	74.65	99.0	284.2	341.3	-110.6	451.91	0.754	Shut in
7,300.0	7,298.0	7,030.0	7,030.0	45.2	491.2	74.65	99.0	284.2	393.0	0.2	392.86	1.000	Collision Monitoring
7,400.0	7,398.0	7,030.0	7,030.0	45.8	491.2	74.65	99.0	284.2	461.0	125.5	335.50	1.376	Collision Monitoring
7,500.0	7,498.0	7,030.0	7,030.0	46.5	491.2	74.65	99.0	284.2	539.0	251.5	287.51	1.881	
7,600.0	7,598.0	7,030.0	7,030.0	47.1	491.2	74.65	99.0	284.2	623.3	374.1	249.22	2.513	

Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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 21N	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 ft	**Output errors are at**	3.50 sigma
Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**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 21N
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.61°



Company:	Chevron DJ Basin	**Local Co-ordinate Reference:**	Well GEORGE 21N
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')
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Reference Well:	GEORGE 21N	**Survey Calculation Method:**	Minimum Curvature
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Reference Wellbore	GEORGE 21N	**Database:**	US_EDM
Reference Design:	George 21N Plan #2 4-2-24	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to Well @ 4743.0ft (T41 - RKB 25')	Coordinates are relative to: GEORGE 21N
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°