

## Planning Report

Database: USA EDM 5000 Multi Users DB  
 Company: Dejour Energy  
 Project: Garfield County, CO  
 Site: S21-T6S-R91W  
 Well: Federal 10/11-16-21  
 Wellbore: DD  
 Design: Plan #1

Local Co-ordinate Reference: Well Federal 10/11-16-21  
 TVD Reference: 15' KB @ 7024.0usft (Rig)  
 MD Reference: 15' KB @ 7024.0usft (Rig)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature

Project: Garfield County, CO

Map System: US State Plane 1983  
 Geo Datum: North American Datum 1983  
 Map Zone: Colorado Northern Zone

System Datum: Mean Sea Level

Site: S21-T6S-R91W

Site Position: Northing: 11,002,085.90 usft Latitude: 0.000000  
 From: Lat/Long Easting: 40,648,279.17 usft Longitude: 0.000000  
 Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: 0.00 "

Well: Federal 10/11-16-21

Well Position: +N/-S 0.0 usft Northing: 1,070,539.45 usft Latitude: 39.508516  
 +E/-W 0.0 usft Easting: 2,419,904.05 usft Longitude: -107.556004  
 Position Uncertainty: 0.0 usft Wellhead Elevation: 0.0 usft Ground Level: 7,009.0 usft

Wellbore: DD

Magnetics: Model Name Sample Date Declination (°) Dip Angle (°) Field Strength (nT)  
 IGRF2010 6/16/2014 9.77 65.75 52,001

Design: Plan #1

Audit Notes: Version: Phase: PLAN Tie On Depth: 0.0

Vertical Section: Depth From (TVD) (usft) +N/-S (usft) +E/-W (usft) Direction (°)  
 0.0 0.0 0.0 199.99

### Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
780.7	11.61	199.99	776.8	-55.1	-20.1	2.00	2.00	0.00	199.99	
3,482.5	11.61	199.99	3,423.2	-566.3	-206.0	0.00	0.00	0.00	0.00	
4,063.3	0.00	0.00	4,000.0	-621.4	-226.0	2.00	-2.00	0.00	180.00	
8,163.3	0.00	0.00	8,100.0	-621.4	-226.0	0.00	0.00	0.00	0.00	Federal 10/11-16-21

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.0	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.0	0.00	0.00 KOP @ 200'
300.0	2.00	199.99	300.0	-1.6	-0.6	1.7	2.00	2.00	2.00
400.0	4.00	199.99	399.8	-6.6	-2.4	7.0	2.00	2.00	2.00
500.0	6.00	199.99	499.5	-14.7	-5.4	15.7	2.00	2.00	2.00
600.0	8.00	199.99	598.7	-26.2	-9.5	27.9	2.00	2.00	2.00
700.0	10.00	199.99	697.5	-40.9	-14.9	43.5	2.00	2.00	2.00
780.7	11.61	199.99	776.8	-55.1	-20.1	58.7	2.00	2.00	2.00 EOB; Inc=11.61°
800.0	11.61	199.99	795.6	-58.8	-21.4	62.5	0.00	0.00	0.00
900.0	11.61	199.99	893.6	-77.7	-28.3	82.7	0.00	0.00	0.00
1,000.0	11.61	199.99	991.5	-96.6	-35.1	102.8	0.00	0.00	0.00
1,100.0	11.61	199.99	1,089.5	-115.5	-42.0	122.9	0.00	0.00	0.00
1,200.0	11.61	199.99	1,187.4	-134.5	-48.9	143.1	0.00	0.00	0.00
1,300.0	11.61	199.99	1,285.4	-153.4	-55.8	163.2	0.00	0.00	0.00
1,400.0	11.61	199.99	1,383.3	-172.3	-62.7	183.3	0.00	0.00	0.00
1,500.0	11.61	199.99	1,481.3	-191.2	-69.5	203.5	0.00	0.00	0.00
1,600.0	11.61	199.99	1,579.3	-210.1	-76.4	223.6	0.00	0.00	0.00
1,700.0	11.61	199.99	1,677.2	-229.1	-83.3	243.7	0.00	0.00	0.00
1,800.0	11.61	199.99	1,775.2	-248.0	-90.2	263.9	0.00	0.00	0.00
1,900.0	11.61	199.99	1,873.1	-266.9	-97.1	284.0	0.00	0.00	0.00
2,000.0	11.61	199.99	1,971.1	-285.8	-104.0	304.1	0.00	0.00	0.00
2,100.0	11.61	199.99	2,069.0	-304.7	-110.8	324.3	0.00	0.00	0.00
2,200.0	11.61	199.99	2,167.0	-323.7	-117.7	344.4	0.00	0.00	0.00
2,300.0	11.61	199.99	2,264.9	-342.6	-124.6	364.5	0.00	0.00	0.00
2,400.0	11.61	199.99	2,362.9	-361.5	-131.5	384.7	0.00	0.00	0.00
2,500.0	11.61	199.99	2,460.8	-380.4	-138.4	404.8	0.00	0.00	0.00
2,600.0	11.61	199.99	2,558.8	-399.3	-145.2	424.9	0.00	0.00	0.00
2,700.0	11.61	199.99	2,656.7	-418.3	-152.1	445.1	0.00	0.00	0.00
2,800.0	11.61	199.99	2,754.7	-437.2	-159.0	465.2	0.00	0.00	0.00
2,900.0	11.61	199.99	2,852.6	-456.1	-165.9	485.3	0.00	0.00	0.00
3,000.0	11.61	199.99	2,950.6	-475.0	-172.8	505.5	0.00	0.00	0.00
3,100.0	11.61	199.99	3,048.5	-493.9	-179.7	525.6	0.00	0.00	0.00
3,200.0	11.61	199.99	3,146.5	-512.9	-186.5	545.7	0.00	0.00	0.00
3,300.0	11.61	199.99	3,244.4	-531.8	-193.4	565.9	0.00	0.00	0.00
3,400.0	11.61	199.99	3,342.4	-550.7	-200.3	586.0	0.00	0.00	0.00
3,482.5	11.61	199.99	3,423.2	-566.3	-206.0	602.6	0.00	0.00	0.00 Start Drop -2.00
3,500.0	11.27	199.99	3,440.4	-569.6	-207.2	606.1	2.00	-2.00	-2.00
3,600.0	9.27	199.99	3,538.7	-586.3	-213.3	623.9	2.00	-2.00	-2.00

3,700.0	7.27	199.99	3,637.7	-599.8	-218.2	638.3	2.00	-2.00
3,800.0	5.27	199.99	3,737.1	-610.1	-221.9	649.2	2.00	-2.00
3,900.0	3.27	199.99	3,836.8	-617.1	-224.4	656.6	2.00	-2.00
4,000.0	1.27	199.99	3,936.7	-620.8	-225.8	660.6	2.00	-2.00
4,063.3	0.00	0.00	4,000.0	-621.4	-226.0	661.3	2.00	-2.00
4,100.0	0.00	0.00	4,036.7	-621.4	-226.0	661.3	0.00	0.00
4,200.0	0.00	0.00	4,136.7	-621.4	-226.0	661.3	0.00	0.00
4,300.0	0.00	0.00	4,236.7	-621.4	-226.0	661.3	0.00	0.00
4,400.0	0.00	0.00	4,336.7	-621.4	-226.0	661.3	0.00	0.00
4,500.0	0.00	0.00	4,436.7	-621.4	-226.0	661.3	0.00	0.00
4,600.0	0.00	0.00	4,536.7	-621.4	-226.0	661.3	0.00	0.00
4,700.0	0.00	0.00	4,636.7	-621.4	-226.0	661.3	0.00	0.00
4,800.0	0.00	0.00	4,736.7	-621.4	-226.0	661.3	0.00	0.00

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
4,900.0	0.00	0.00	4,836.7	-621.4	-226.0	661.3	0.00	0.00	
5,000.0	0.00	0.00	4,936.7	-621.4	-226.0	661.3	0.00	0.00	
5,100.0	0.00	0.00	5,036.7	-621.4	-226.0	661.3	0.00	0.00	
5,200.0	0.00	0.00	5,136.7	-621.4	-226.0	661.3	0.00	0.00	
5,300.0	0.00	0.00	5,236.7	-621.4	-226.0	661.3	0.00	0.00	
5,400.0	0.00	0.00	5,336.7	-621.4	-226.0	661.3	0.00	0.00	
5,500.0	0.00	0.00	5,436.7	-621.4	-226.0	661.3	0.00	0.00	
5,600.0	0.00	0.00	5,536.7	-621.4	-226.0	661.3	0.00	0.00	
5,700.0	0.00	0.00	5,636.7	-621.4	-226.0	661.3	0.00	0.00	
5,800.0	0.00	0.00	5,736.7	-621.4	-226.0	661.3	0.00	0.00	
5,900.0	0.00	0.00	5,836.7	-621.4	-226.0	661.3	0.00	0.00	
6,000.0	0.00	0.00	5,936.7	-621.4	-226.0	661.3	0.00	0.00	
6,100.0	0.00	0.00	6,036.7	-621.4	-226.0	661.3	0.00	0.00	
6,200.0	0.00	0.00	6,136.7	-621.4	-226.0	661.3	0.00	0.00	
6,300.0	0.00	0.00	6,236.7	-621.4	-226.0	661.3	0.00	0.00	
6,400.0	0.00	0.00	6,336.7	-621.4	-226.0	661.3	0.00	0.00	
6,500.0	0.00	0.00	6,436.7	-621.4	-226.0	661.3	0.00	0.00	
6,600.0	0.00	0.00	6,536.7	-621.4	-226.0	661.3	0.00	0.00	
6,700.0	0.00	0.00	6,636.7	-621.4	-226.0	661.3	0.00	0.00	
6,800.0	0.00	0.00	6,736.7	-621.4	-226.0	661.3	0.00	0.00	
6,900.0	0.00	0.00	6,836.7	-621.4	-226.0	661.3	0.00	0.00	
7,000.0	0.00	0.00	6,936.7	-621.4	-226.0	661.3	0.00	0.00	
7,100.0	0.00	0.00	7,036.7	-621.4	-226.0	661.3	0.00	0.00	
7,200.0	0.00	0.00	7,136.7	-621.4	-226.0	661.3	0.00	0.00	
7,300.0	0.00	0.00	7,236.7	-621.4	-226.0	661.3	0.00	0.00	
7,400.0	0.00	0.00	7,336.7	-621.4	-226.0	661.3	0.00	0.00	
7,500.0	0.00	0.00	7,436.7	-621.4	-226.0	661.3	0.00	0.00	
7,600.0	0.00	0.00	7,536.7	-621.4	-226.0	661.3	0.00	0.00	
7,700.0	0.00	0.00	7,636.7	-621.4	-226.0	661.3	0.00	0.00	
7,800.0	0.00	0.00	7,736.7	-621.4	-226.0	661.3	0.00	0.00	
7,900.0	0.00	0.00	7,836.7	-621.4	-226.0	661.3	0.00	0.00	
8,000.0	0.00	0.00	7,936.7	-621.4	-226.0	661.3	0.00	0.00	
8,100.0	0.00	0.00	8,036.7	-621.4	-226.0	661.3	0.00	0.00	
8,163.3	0.00	0.00	8,100.0	-621.4	-226.0	661.3	0.00	0.00	TD at 8163.3

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Federal 10/11-16-21 PBHL	0.00	0.00	8,100.0	-621.4	-226.0	1,069,923.42	2,419,663.67	39.506810	-107.556805
- plan hits target center									
- Circle (radius 50.0)									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
200.0	200.0	0.0	0.0	KOP @ 200'
780.7	776.8	-55.1	-20.1	EOB; Inc=11.61°
3,482.5	3,423.2	-566.3	-206.0	Start Drop -2.00
4,063.3	4,000.0	-621.4	-226.0	EOD; Inc=0°
8,163.3	8,100.0	-621.4	-226.0	TD at 8163.3

