

Planning Report

Database: USA EDM 5000 Multi Users DB
Company: Dejour Energy, Inc.
Project: Garfield County, CO
Site: S21-T6S-R91W
Well: PWD 21-6-91
Wellbore: SW
Design: Plan #1

Local Co-ordinate Reference: Well PWD 21-6-91
TVD Reference: 15' KB @ 7023.0usft
MD Reference: 15' KB @ 7023.0usft
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 PWD 21-6-91

Well Position	+N/-S	0.0 usft	Northing:	1,070,637.88 usft	Latitude:	39.508782
	+E/-W	0.0 usft	Easting:	2,419,839.15 usft	Longitude:	-107.556242
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	7,008.0 usft

Wellbore SW

Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2010	8/20/2014	9.74	65.74	51,983

Design Plan #1

Audit Notes:

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

Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	254.12

Plan Sections

Measured			Vertical Depth			Dogleg	Build	Turn	
Depth	Inclination	Azimuth	(usft)	+N/-S	+E/-W	Rate	Rate	Rate	TF
(usft)	(°)	(°)		(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	(°

0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00
2,008.3	12.25	254.12	2,005.2	-11.9	-41.8	3.00	3.00	0.00
5,681.5	12.25	254.12	5,594.8	-225.2	-791.4	0.00	0.00	0.00
6,089.8	0.00	0.00	6,000.0	-237.1	-833.3	3.00	-3.00	0.00
8,950.8	0.00	0.00	8,861.0	-237.1	-833.3	0.00	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
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
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.0	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.0	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.0	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.0	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.0	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.0	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.0	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.0	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.0	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.0	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.0	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.0	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.0	0.00	0.00 Surface Casing
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.0	0.00	0.00 KOP @ 1600'
1,700.0	3.00	254.12	1,700.0	-0.7	-2.5	2.6	2.6	3.00	3.00
1,800.0	6.00	254.12	1,799.6	-2.9	-10.1	10.5	10.5	3.00	3.00
1,900.0	9.00	254.12	1,898.8	-6.4	-22.6	23.5	23.5	3.00	3.00
2,000.0	12.00	254.12	1,997.1	-11.4	-40.1	41.7	41.7	3.00	3.00
2,008.3	12.25	254.12	2,005.2	-11.9	-41.8	43.5	43.5	3.00	3.00 EOB; Inc=12.25°
2,100.0	12.25	254.12	2,094.8	-17.2	-60.5	62.9	62.9	0.00	0.00
2,200.0	12.25	254.12	2,192.5	-23.0	-80.9	84.2	84.2	0.00	0.00
2,300.0	12.25	254.12	2,290.3	-28.8	-101.3	105.4	105.4	0.00	0.00
2,400.0	12.25	254.12	2,388.0	-34.6	-121.8	126.6	126.6	0.00	0.00
2,500.0	12.25	254.12	2,485.7	-40.5	-142.2	147.8	147.8	0.00	0.00
2,600.0	12.25	254.12	2,583.4	-46.3	-162.6	169.0	169.0	0.00	0.00
2,700.0	12.25	254.12	2,681.1	-52.1	-183.0	190.2	190.2	0.00	0.00
2,800.0	12.25	254.12	2,778.9	-57.9	-203.4	211.5	211.5	0.00	0.00
2,900.0	12.25	254.12	2,876.6	-63.7	-223.8	232.7	232.7	0.00	0.00
3,000.0	12.25	254.12	2,974.3	-69.5	-244.2	253.9	253.9	0.00	0.00
3,100.0	12.25	254.12	3,072.0	-75.3	-264.6	275.1	275.1	0.00	0.00
3,200.0	12.25	254.12	3,169.8	-81.1	-285.0	296.3	296.3	0.00	0.00
3,300.0	12.25	254.12	3,267.5	-86.9	-305.4	317.5	317.5	0.00	0.00
3,400.0	12.25	254.12	3,365.2	-92.7	-325.8	338.8	338.8	0.00	0.00
3,500.0	12.25	254.12	3,462.9	-98.5	-346.2	360.0	360.0	0.00	0.00

3,600.0	12.25	254.12	3,560.6	-104.3	-366.6	381.2	0.00	0.00	
3,700.0	12.25	254.12	3,658.4	-110.1	-387.1	402.4	0.00	0.00	
3,800.0	12.25	254.12	3,756.1	-115.9	-407.5	423.6	0.00	0.00	
3,900.0	12.25	254.12	3,853.8	-121.8	-427.9	444.9	0.00	0.00	
4,000.0	12.25	254.12	3,951.5	-127.6	-448.3	466.1	0.00	0.00	
4,100.0	12.25	254.12	4,049.3	-133.4	-468.7	487.3	0.00	0.00	
4,200.0	12.25	254.12	4,147.0	-139.2	-489.1	508.5	0.00	0.00	
4,300.0	12.25	254.12	4,244.7	-145.0	-509.5	529.7	0.00	0.00	
4,400.0	12.25	254.12	4,342.4	-150.8	-529.9	550.9	0.00	0.00	
4,500.0	12.25	254.12	4,440.2	-156.6	-550.3	572.2	0.00	0.00	
4,600.0	12.25	254.12	4,537.9	-162.4	-570.7	593.4	0.00	0.00	
4,700.0	12.25	254.12	4,635.6	-168.2	-591.1	614.6	0.00	0.00	
4,800.0	12.25	254.12	4,733.3	-174.0	-611.5	635.8	0.00	0.00	
4,900.0	12.25	254.12	4,831.0	-179.8	-631.9	657.0	0.00	0.00	
5,000.0	12.25	254.12	4,928.8	-185.6	-652.4	678.3	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
5,100.0	12.25	254.12	5,026.5	-191.4	-672.8	699.5	0.00	0.00	
5,200.0	12.25	254.12	5,124.2	-197.3	-693.2	720.7	0.00	0.00	
5,300.0	12.25	254.12	5,221.9	-203.1	-713.6	741.9	0.00	0.00	
5,400.0	12.25	254.12	5,319.7	-208.9	-734.0	763.1	0.00	0.00	
5,500.0	12.25	254.12	5,417.4	-214.7	-754.4	784.3	0.00	0.00	
5,600.0	12.25	254.12	5,515.1	-220.5	-774.8	805.6	0.00	0.00	
5,681.5	12.25	254.12	5,594.8	-225.2	-791.4	822.9	0.00	0.00	Start Drop -3.00
5,700.0	11.70	254.12	5,612.8	-226.3	-795.1	826.7	3.00	-3.00	
5,800.0	8.70	254.12	5,711.3	-231.1	-812.1	844.4	3.00	-3.00	
5,900.0	5.70	254.12	5,810.5	-234.5	-824.2	856.9	3.00	-3.00	
6,000.0	2.70	254.12	5,910.2	-236.5	-831.2	864.2	3.00	-3.00	
6,089.8	0.00	0.00	6,000.0	-237.1	-833.3	866.3	3.00	-3.00	EOD; Inc=0°
6,100.0	0.00	0.00	6,010.1	-237.1	-833.3	866.3	0.00	0.00	
6,200.0	0.00	0.00	6,110.1	-237.1	-833.3	866.3	0.00	0.00	
6,300.0	0.00	0.00	6,210.1	-237.1	-833.3	866.3	0.00	0.00	
6,400.0	0.00	0.00	6,310.1	-237.1	-833.3	866.3	0.00	0.00	
6,500.0	0.00	0.00	6,410.1	-237.1	-833.3	866.3	0.00	0.00	
6,600.0	0.00	0.00	6,510.1	-237.1	-833.3	866.3	0.00	0.00	
6,700.0	0.00	0.00	6,610.1	-237.1	-833.3	866.3	0.00	0.00	
6,800.0	0.00	0.00	6,710.1	-237.1	-833.3	866.3	0.00	0.00	
6,900.0	0.00	0.00	6,810.1	-237.1	-833.3	866.3	0.00	0.00	
7,000.0	0.00	0.00	6,910.1	-237.1	-833.3	866.3	0.00	0.00	
7,100.0	0.00	0.00	7,010.1	-237.1	-833.3	866.3	0.00	0.00	
7,200.0	0.00	0.00	7,110.1	-237.1	-833.3	866.3	0.00	0.00	
7,300.0	0.00	0.00	7,210.1	-237.1	-833.3	866.3	0.00	0.00	
7,400.0	0.00	0.00	7,310.1	-237.1	-833.3	866.3	0.00	0.00	
7,500.0	0.00	0.00	7,410.1	-237.1	-833.3	866.3	0.00	0.00	
7,600.0	0.00	0.00	7,510.1	-237.1	-833.3	866.3	0.00	0.00	
7,700.0	0.00	0.00	7,610.1	-237.1	-833.3	866.3	0.00	0.00	

7,800.0	0.00	0.00	7,710.1	-237.1	-833.3	866.3	0.00	0.00
7,900.0	0.00	0.00	7,810.1	-237.1	-833.3	866.3	0.00	0.00
8,000.0	0.00	0.00	7,910.1	-237.1	-833.3	866.3	0.00	0.00
8,100.0	0.00	0.00	8,010.1	-237.1	-833.3	866.3	0.00	0.00
8,200.0	0.00	0.00	8,110.1	-237.1	-833.3	866.3	0.00	0.00
8,300.0	0.00	0.00	8,210.1	-237.1	-833.3	866.3	0.00	0.00
8,400.0	0.00	0.00	8,310.1	-237.1	-833.3	866.3	0.00	0.00
8,500.0	0.00	0.00	8,410.1	-237.1	-833.3	866.3	0.00	0.00
8,600.0	0.00	0.00	8,510.1	-237.1	-833.3	866.3	0.00	0.00
8,700.0	0.00	0.00	8,610.1	-237.1	-833.3	866.3	0.00	0.00
8,800.0	0.00	0.00	8,710.1	-237.1	-833.3	866.3	0.00	0.00
8,900.0	0.00	0.00	8,810.1	-237.1	-833.3	866.3	0.00	0.00
8,950.8	0.00	0.00	8,861.0	-237.1	-833.3	866.3	0.00	0.00

TD at 8950.8 - PWD

Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
PWD 21-6-91 PBHL	0.00	0.00	8,861.0	-237.1	-833.3	1,070,420.15	2,419,000.62	39.508131	-107.559195
- plan hits target center									
- Circle (radius 100.0)									

Casing Points

Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter
(usft)	(usft)		(")	(")
1,500.0	1,500.0	Surface Casing	0	0

Plan Annotations

Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
1,600.0	1,600.0	0.0		0.0 KOP @ 1600'
2,008.3	2,005.2	-11.9		-41.8 EOB; Inc=12.25°
5,681.5	5,594.8	-225.2		-791.4 Start Drop -3.00
6,089.8	6,000.0	-237.1		-833.3 EOD; Inc=0°
8,950.8	8,861.0	-237.1		-833.3 TD at 8950.8

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Target

0.00

0.00

254.12

0.00

180.00

0.00 PWD 21-6-91 PBHL

21-6-91 PBHL