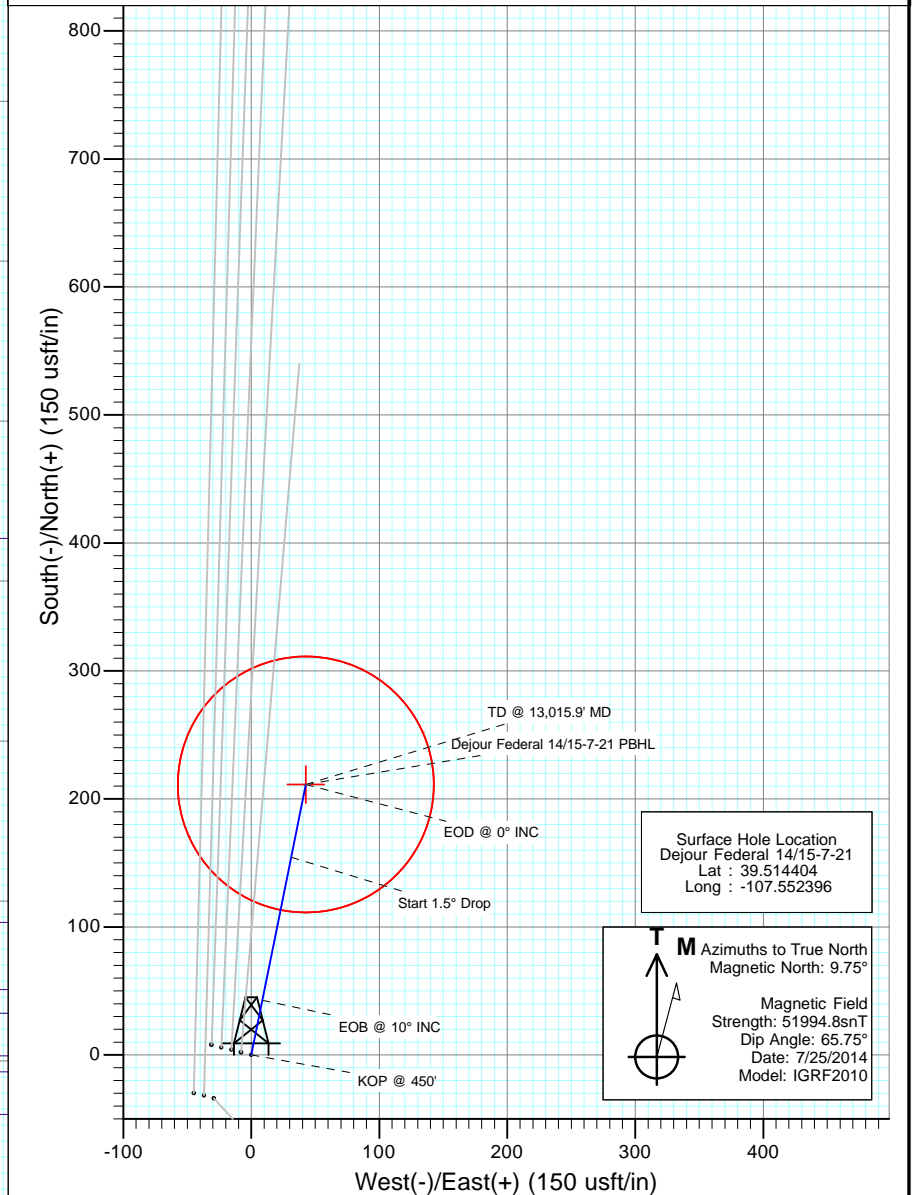
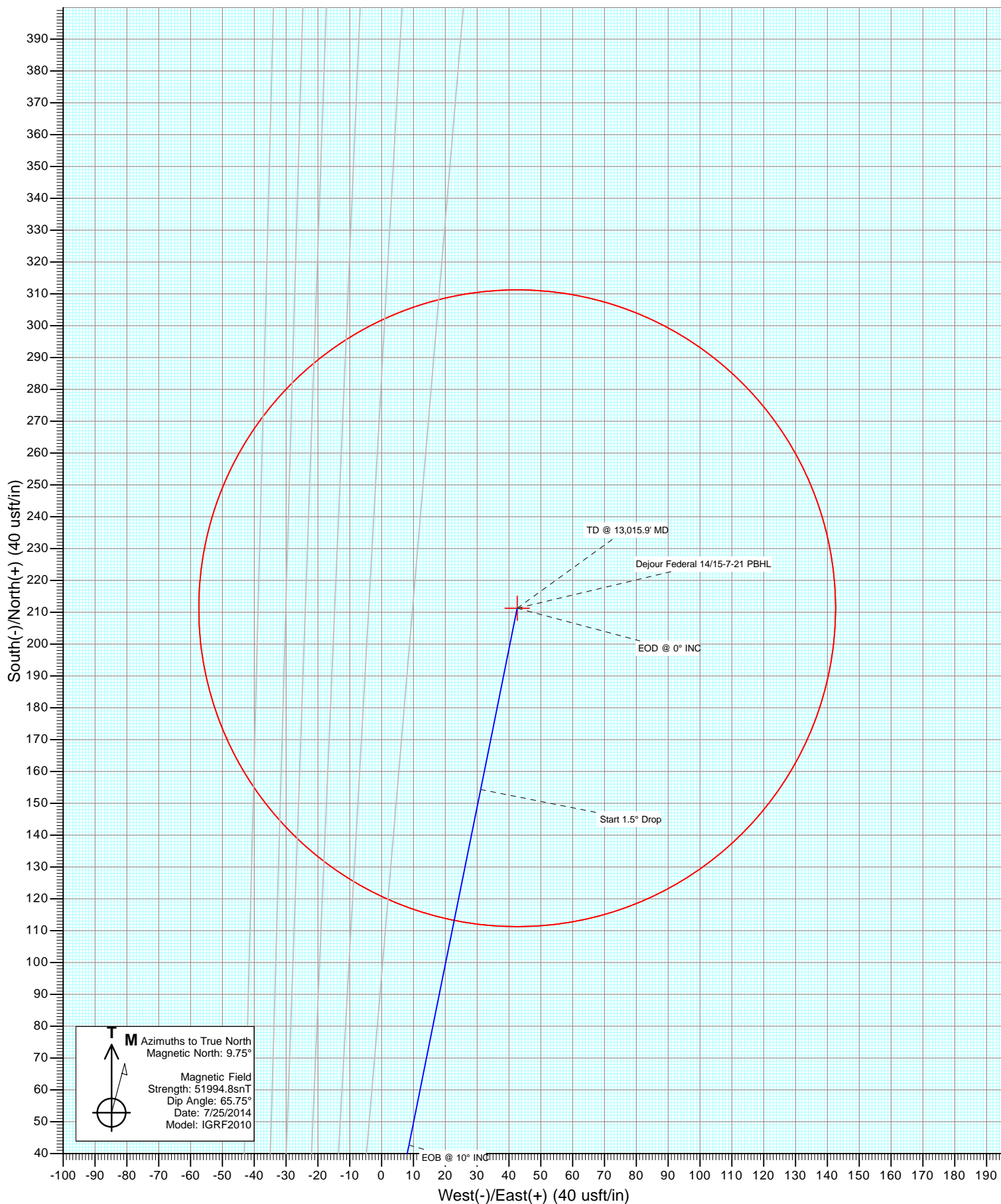


SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	450.0	0.00	0.00	450.0	0.0	0.0	0.00	0.00	0.0	
3	950.2	10.00	11.40	947.6	42.7	8.6	2.00	11.40	43.6	
4	1606.0	10.00	11.40	1593.5	154.4	31.1	0.00	0.00	157.5	
5	2272.9	0.00	0.00	2257.0	211.3	42.6	1.50	180.00	215.5	
6	13015.9	0.00	0.00	13000.0	211.3	42.6	0.00	0.00	215.5	Dejour Federal 14/15-7-21 PBHL



DESIGN TARGET DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Dejour Federal 14/15-7-21 PBHL	211.3	42.6	1072870.36	2421018.97	39.514984	-107.552245

CASING DETAILS		
TVD	MD	Name
1500.0	1511.1	Surface
8950.0	8965.9	7"
13000.0	13015.9	4 1/2"



# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Dejour Federal 14/15-7-21
<b>Company:</b>	Dejour Energy, Inc.	<b>TVD Reference:</b>	KB=20' @ 6952.0usft
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	KB=20' @ 6952.0usft
<b>Site:</b>	S21 T6S R91W (21B Pad)	<b>North Reference:</b>	True
<b>Well:</b>	Dejour Federal 14/15-7-21	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

<b>Project</b>	Garfield County, CO		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Northern Zone		

Site		S21 T6S R91W (21B Pad)			
Site Position:		Northing:	1,072,631.30 usft	Latitude:	39.514322
From:	Lat/Long	Easting:	2,420,925.95 usft	Longitude:	-107.552555
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.33 °

Well	Dejour Federal 14/15-7-21					
Well Position	+N/-S	0.0 usft	Northing:	1,072,660.11 usft	Latitude:	39.514404
	+E/-W	0.0 usft	Easting:	2,420,971.49 usft	Longitude:	-107.552396
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	6,932.0 usft

<b>Wellbore</b>	DD				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	7/25/2014	9.75	65.75	51,995

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	11.40

<b>Plan Sections</b>										
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	
450.0	0.00	0.00	450.0	0.0	0.0	0.00	0.00	0.00	0.00	
950.2	10.00	11.40	947.6	42.7	8.6	2.00	2.00	0.00	11.40	
1,606.0	10.00	11.40	1,593.5	154.4	31.1	0.00	0.00	0.00	0.00	
2,272.9	0.00	0.00	2,257.0	211.3	42.6	1.50	-1.50	0.00	180.00	
13,015.9	0.00	0.00	13,000.0	211.3	42.6	0.00	0.00	0.00	0.00	Dejour Federal 14/15-

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Dejour Federal 14/15-7-21
<b>Company:</b>	Dejour Energy, Inc.	<b>TVD Reference:</b>	KB=20' @ 6952.0usft
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	KB=20' @ 6952.0usft
<b>Site:</b>	S21 T6S R91W (21B Pad)	<b>North Reference:</b>	True
<b>Well:</b>	Dejour Federal 14/15-7-21	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

### 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	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	
450.0	0.00	0.00	450.0	0.0	0.0	0.0	0.00	0.00	KOP @ 450'
500.0	1.00	11.40	500.0	0.4	0.1	0.4	2.00	2.00	
600.0	3.00	11.40	599.9	3.8	0.8	3.9	2.00	2.00	
700.0	5.00	11.40	699.7	10.7	2.2	10.9	2.00	2.00	
800.0	7.00	11.40	799.1	20.9	4.2	21.4	2.00	2.00	
900.0	9.00	11.40	898.2	34.6	7.0	35.3	2.00	2.00	
950.2	10.00	11.40	947.6	42.7	8.6	43.6	2.00	2.00	EOB @ 10° INC
1,000.0	10.00	11.40	996.7	51.2	10.3	52.2	0.00	0.00	
1,100.0	10.00	11.40	1,095.2	68.2	13.8	69.6	0.00	0.00	
1,200.0	10.00	11.40	1,193.7	85.2	17.2	86.9	0.00	0.00	
1,300.0	10.00	11.40	1,292.1	102.3	20.6	104.3	0.00	0.00	
1,400.0	10.00	11.40	1,390.6	119.3	24.1	121.7	0.00	0.00	
1,500.0	10.00	11.40	1,489.1	136.3	27.5	139.1	0.00	0.00	
1,511.1	10.00	11.40	1,500.0	138.2	27.9	141.0	0.00	0.00	Surface
1,606.0	10.00	11.40	1,593.5	154.4	31.1	157.5	0.00	0.00	Start 1.5° Drop
1,700.0	8.59	11.40	1,686.3	169.3	34.1	172.7	1.50	-1.50	
1,800.0	7.09	11.40	1,785.3	182.6	36.8	186.3	1.50	-1.50	
1,900.0	5.59	11.40	1,884.7	193.5	39.0	197.4	1.50	-1.50	
2,000.0	4.09	11.40	1,984.3	201.7	40.7	205.8	1.50	-1.50	
2,100.0	2.59	11.40	2,084.2	207.5	41.8	211.6	1.50	-1.50	
2,200.0	1.09	11.40	2,184.1	210.6	42.5	214.8	1.50	-1.50	
2,272.9	0.00	0.00	2,257.0	211.3	42.6	215.5	1.50	-1.50	EOD @ 0° INC
2,300.0	0.00	0.00	2,284.1	211.3	42.6	215.5	0.00	0.00	
2,400.0	0.00	0.00	2,384.1	211.3	42.6	215.5	0.00	0.00	
2,500.0	0.00	0.00	2,484.1	211.3	42.6	215.5	0.00	0.00	
2,600.0	0.00	0.00	2,584.1	211.3	42.6	215.5	0.00	0.00	
2,700.0	0.00	0.00	2,684.1	211.3	42.6	215.5	0.00	0.00	
2,800.0	0.00	0.00	2,784.1	211.3	42.6	215.5	0.00	0.00	
2,900.0	0.00	0.00	2,884.1	211.3	42.6	215.5	0.00	0.00	
3,000.0	0.00	0.00	2,984.1	211.3	42.6	215.5	0.00	0.00	
3,100.0	0.00	0.00	3,084.1	211.3	42.6	215.5	0.00	0.00	
3,200.0	0.00	0.00	3,184.1	211.3	42.6	215.5	0.00	0.00	
3,300.0	0.00	0.00	3,284.1	211.3	42.6	215.5	0.00	0.00	
3,400.0	0.00	0.00	3,384.1	211.3	42.6	215.5	0.00	0.00	
3,500.0	0.00	0.00	3,484.1	211.3	42.6	215.5	0.00	0.00	
3,600.0	0.00	0.00	3,584.1	211.3	42.6	215.5	0.00	0.00	
3,700.0	0.00	0.00	3,684.1	211.3	42.6	215.5	0.00	0.00	
3,800.0	0.00	0.00	3,784.1	211.3	42.6	215.5	0.00	0.00	
3,900.0	0.00	0.00	3,884.1	211.3	42.6	215.5	0.00	0.00	
4,000.0	0.00	0.00	3,984.1	211.3	42.6	215.5	0.00	0.00	
4,100.0	0.00	0.00	4,084.1	211.3	42.6	215.5	0.00	0.00	
4,115.9	0.00	0.00	4,100.0	211.3	42.6	215.5	0.00	0.00	Williams Fork
4,200.0	0.00	0.00	4,184.1	211.3	42.6	215.5	0.00	0.00	
4,300.0	0.00	0.00	4,284.1	211.3	42.6	215.5	0.00	0.00	
4,400.0	0.00	0.00	4,384.1	211.3	42.6	215.5	0.00	0.00	
4,500.0	0.00	0.00	4,484.1	211.3	42.6	215.5	0.00	0.00	
4,600.0	0.00	0.00	4,584.1	211.3	42.6	215.5	0.00	0.00	

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Dejour Federal 14/15-7-21
<b>Company:</b>	Dejour Energy, Inc.	<b>TVD Reference:</b>	KB=20' @ 6952.0usft
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	KB=20' @ 6952.0usft
<b>Site:</b>	S21 T6S R91W (21B Pad)	<b>North Reference:</b>	True
<b>Well:</b>	Dejour Federal 14/15-7-21	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

### 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
4,700.0	0.00	0.00	4,684.1	211.3	42.6	215.5	0.00	0.00	
4,800.0	0.00	0.00	4,784.1	211.3	42.6	215.5	0.00	0.00	
4,900.0	0.00	0.00	4,884.1	211.3	42.6	215.5	0.00	0.00	
5,000.0	0.00	0.00	4,984.1	211.3	42.6	215.5	0.00	0.00	
5,100.0	0.00	0.00	5,084.1	211.3	42.6	215.5	0.00	0.00	
5,200.0	0.00	0.00	5,184.1	211.3	42.6	215.5	0.00	0.00	
5,300.0	0.00	0.00	5,284.1	211.3	42.6	215.5	0.00	0.00	
5,400.0	0.00	0.00	5,384.1	211.3	42.6	215.5	0.00	0.00	
5,500.0	0.00	0.00	5,484.1	211.3	42.6	215.5	0.00	0.00	
5,600.0	0.00	0.00	5,584.1	211.3	42.6	215.5	0.00	0.00	
5,700.0	0.00	0.00	5,684.1	211.3	42.6	215.5	0.00	0.00	
5,800.0	0.00	0.00	5,784.1	211.3	42.6	215.5	0.00	0.00	
5,900.0	0.00	0.00	5,884.1	211.3	42.6	215.5	0.00	0.00	
6,000.0	0.00	0.00	5,984.1	211.3	42.6	215.5	0.00	0.00	
6,100.0	0.00	0.00	6,084.1	211.3	42.6	215.5	0.00	0.00	
6,200.0	0.00	0.00	6,184.1	211.3	42.6	215.5	0.00	0.00	
6,300.0	0.00	0.00	6,284.1	211.3	42.6	215.5	0.00	0.00	
6,400.0	0.00	0.00	6,384.1	211.3	42.6	215.5	0.00	0.00	
6,500.0	0.00	0.00	6,484.1	211.3	42.6	215.5	0.00	0.00	
6,600.0	0.00	0.00	6,584.1	211.3	42.6	215.5	0.00	0.00	
6,700.0	0.00	0.00	6,684.1	211.3	42.6	215.5	0.00	0.00	
6,800.0	0.00	0.00	6,784.1	211.3	42.6	215.5	0.00	0.00	
6,900.0	0.00	0.00	6,884.1	211.3	42.6	215.5	0.00	0.00	
7,000.0	0.00	0.00	6,984.1	211.3	42.6	215.5	0.00	0.00	
7,100.0	0.00	0.00	7,084.1	211.3	42.6	215.5	0.00	0.00	
7,200.0	0.00	0.00	7,184.1	211.3	42.6	215.5	0.00	0.00	
7,300.0	0.00	0.00	7,284.1	211.3	42.6	215.5	0.00	0.00	
7,400.0	0.00	0.00	7,384.1	211.3	42.6	215.5	0.00	0.00	
7,500.0	0.00	0.00	7,484.1	211.3	42.6	215.5	0.00	0.00	
7,600.0	0.00	0.00	7,584.1	211.3	42.6	215.5	0.00	0.00	
7,700.0	0.00	0.00	7,684.1	211.3	42.6	215.5	0.00	0.00	
7,715.9	0.00	0.00	7,700.0	211.3	42.6	215.5	0.00	0.00	Rollins SS
7,800.0	0.00	0.00	7,784.1	211.3	42.6	215.5	0.00	0.00	
7,900.0	0.00	0.00	7,884.1	211.3	42.6	215.5	0.00	0.00	
8,000.0	0.00	0.00	7,984.1	211.3	42.6	215.5	0.00	0.00	
8,100.0	0.00	0.00	8,084.1	211.3	42.6	215.5	0.00	0.00	
8,200.0	0.00	0.00	8,184.1	211.3	42.6	215.5	0.00	0.00	
8,300.0	0.00	0.00	8,284.1	211.3	42.6	215.5	0.00	0.00	
8,345.9	0.00	0.00	8,330.0	211.3	42.6	215.5	0.00	0.00	Cozzette
8,400.0	0.00	0.00	8,384.1	211.3	42.6	215.5	0.00	0.00	
8,500.0	0.00	0.00	8,484.1	211.3	42.6	215.5	0.00	0.00	
8,565.9	0.00	0.00	8,550.0	211.3	42.6	215.5	0.00	0.00	Corcoran
8,600.0	0.00	0.00	8,584.1	211.3	42.6	215.5	0.00	0.00	
8,700.0	0.00	0.00	8,684.1	211.3	42.6	215.5	0.00	0.00	
8,800.0	0.00	0.00	8,784.1	211.3	42.6	215.5	0.00	0.00	
8,900.0	0.00	0.00	8,884.1	211.3	42.6	215.5	0.00	0.00	
8,965.9	0.00	0.00	8,950.0	211.3	42.6	215.5	0.00	0.00	7" Int. Casing Point - 7"
9,000.0	0.00	0.00	8,984.1	211.3	42.6	215.5	0.00	0.00	
9,100.0	0.00	0.00	9,084.1	211.3	42.6	215.5	0.00	0.00	
9,115.9	0.00	0.00	9,100.0	211.3	42.6	215.5	0.00	0.00	Niobrara
9,200.0	0.00	0.00	9,184.1	211.3	42.6	215.5	0.00	0.00	
9,300.0	0.00	0.00	9,284.1	211.3	42.6	215.5	0.00	0.00	

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Dejour Federal 14/15-7-21
<b>Company:</b>	Dejour Energy, Inc.	<b>TVD Reference:</b>	KB=20' @ 6952.0usft
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	KB=20' @ 6952.0usft
<b>Site:</b>	S21 T6S R91W (21B Pad)	<b>North Reference:</b>	True
<b>Well:</b>	Dejour Federal 14/15-7-21	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

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
9,400.0	0.00	0.00	9,384.1	211.3	42.6	215.5	0.00	0.00	
9,500.0	0.00	0.00	9,484.1	211.3	42.6	215.5	0.00	0.00	
9,515.9	0.00	0.00	9,500.0	211.3	42.6	215.5	0.00	0.00	Mancos Top
9,600.0	0.00	0.00	9,584.1	211.3	42.6	215.5	0.00	0.00	
9,700.0	0.00	0.00	9,684.1	211.3	42.6	215.5	0.00	0.00	
9,800.0	0.00	0.00	9,784.1	211.3	42.6	215.5	0.00	0.00	
9,900.0	0.00	0.00	9,884.1	211.3	42.6	215.5	0.00	0.00	
10,000.0	0.00	0.00	9,984.1	211.3	42.6	215.5	0.00	0.00	
10,100.0	0.00	0.00	10,084.1	211.3	42.6	215.5	0.00	0.00	
10,200.0	0.00	0.00	10,184.1	211.3	42.6	215.5	0.00	0.00	
10,300.0	0.00	0.00	10,284.1	211.3	42.6	215.5	0.00	0.00	
10,400.0	0.00	0.00	10,384.1	211.3	42.6	215.5	0.00	0.00	
10,500.0	0.00	0.00	10,484.1	211.3	42.6	215.5	0.00	0.00	
10,600.0	0.00	0.00	10,584.1	211.3	42.6	215.5	0.00	0.00	
10,700.0	0.00	0.00	10,684.1	211.3	42.6	215.5	0.00	0.00	
10,800.0	0.00	0.00	10,784.1	211.3	42.6	215.5	0.00	0.00	
10,900.0	0.00	0.00	10,884.1	211.3	42.6	215.5	0.00	0.00	
11,000.0	0.00	0.00	10,984.1	211.3	42.6	215.5	0.00	0.00	
11,100.0	0.00	0.00	11,084.1	211.3	42.6	215.5	0.00	0.00	
11,200.0	0.00	0.00	11,184.1	211.3	42.6	215.5	0.00	0.00	
11,300.0	0.00	0.00	11,284.1	211.3	42.6	215.5	0.00	0.00	
11,400.0	0.00	0.00	11,384.1	211.3	42.6	215.5	0.00	0.00	
11,500.0	0.00	0.00	11,484.1	211.3	42.6	215.5	0.00	0.00	
11,600.0	0.00	0.00	11,584.1	211.3	42.6	215.5	0.00	0.00	
11,700.0	0.00	0.00	11,684.1	211.3	42.6	215.5	0.00	0.00	
11,800.0	0.00	0.00	11,784.1	211.3	42.6	215.5	0.00	0.00	
11,900.0	0.00	0.00	11,884.1	211.3	42.6	215.5	0.00	0.00	
12,000.0	0.00	0.00	11,984.1	211.3	42.6	215.5	0.00	0.00	
12,100.0	0.00	0.00	12,084.1	211.3	42.6	215.5	0.00	0.00	
12,200.0	0.00	0.00	12,184.1	211.3	42.6	215.5	0.00	0.00	
12,300.0	0.00	0.00	12,284.1	211.3	42.6	215.5	0.00	0.00	
12,400.0	0.00	0.00	12,384.1	211.3	42.6	215.5	0.00	0.00	
12,500.0	0.00	0.00	12,484.1	211.3	42.6	215.5	0.00	0.00	
12,600.0	0.00	0.00	12,584.1	211.3	42.6	215.5	0.00	0.00	
12,700.0	0.00	0.00	12,684.1	211.3	42.6	215.5	0.00	0.00	
12,800.0	0.00	0.00	12,784.1	211.3	42.6	215.5	0.00	0.00	
12,900.0	0.00	0.00	12,884.1	211.3	42.6	215.5	0.00	0.00	
13,000.0	0.00	0.00	12,984.1	211.3	42.6	215.5	0.00	0.00	
13,015.9	0.00	0.00	13,000.0	211.3	42.6	215.5	0.00	0.00	TD @ 13,015.9' MD - Mancos Bottom - 4 1/2"

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									
Dejour Federal 14/15-7-;	0.00	0.00	13,000.0	211.3	42.6	1,072,870.36	2,421,018.97	39.514984	-107.552245
- plan hits target center									
- Circle (radius 100.0)									

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Dejour Federal 14/15-7-21
<b>Company:</b>	Dejour Energy, Inc.	<b>TVD Reference:</b>	KB=20' @ 6952.0usft
<b>Project:</b>	Garfield County, CO	<b>MD Reference:</b>	KB=20' @ 6952.0usft
<b>Site:</b>	S21 T6S R91W (21B Pad)	<b>North Reference:</b>	True
<b>Well:</b>	Dejour Federal 14/15-7-21	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	DD		
<b>Design:</b>	Plan #1		

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,511.1	1,500.0	Surface	9-5/8	9-5/8	
8,965.9	8,950.0	7"	7	7	
13,015.9	13,000.0	4 1/2"	4-1/2	4-1/2	

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,115.9	4,100.0	Williams Fork			
7,715.9	7,700.0	Rollins SS			
8,345.9	8,330.0	Cozzette			
8,565.9	8,550.0	Corcoran			
8,965.9	8,950.0	7" Int. Casing Point			
9,115.9	9,100.0	Niobrara			
9,515.9	9,500.0	Mancos Top			
13,015.9	13,000.0	Mancos Bottom			

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
450.0	450.0	0.0	0.0	KOP @ 450'	
950.2	947.6	42.7	8.6	EOB @ 10° INC	
1,606.0	1,593.5	154.4	31.1	Start 1.5° Drop	
2,272.9	2,257.0	211.3	42.6	EOD @ 0° INC	
13,015.9	13,000.0	211.3	42.6	TD @ 13,015.9' MD	