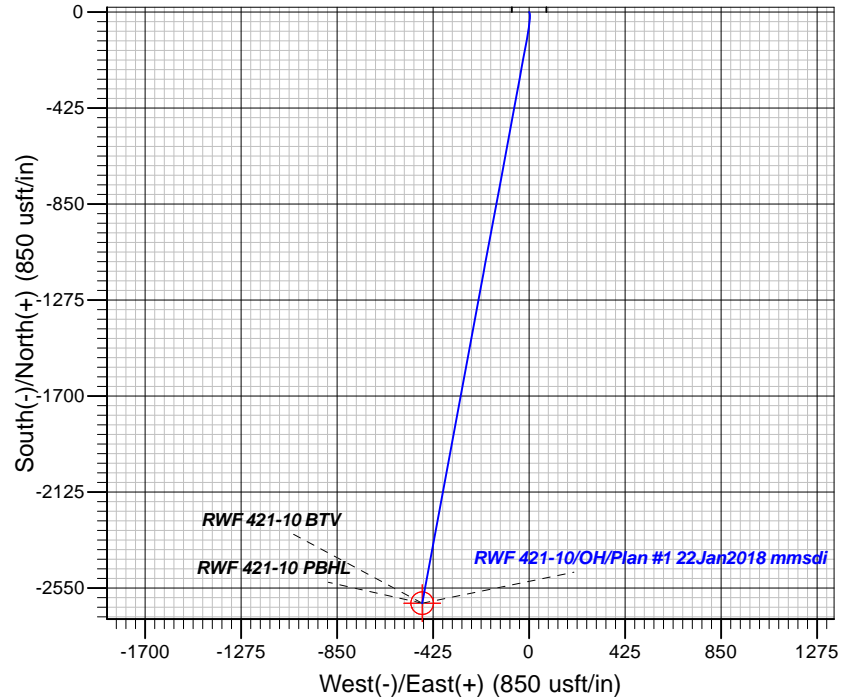
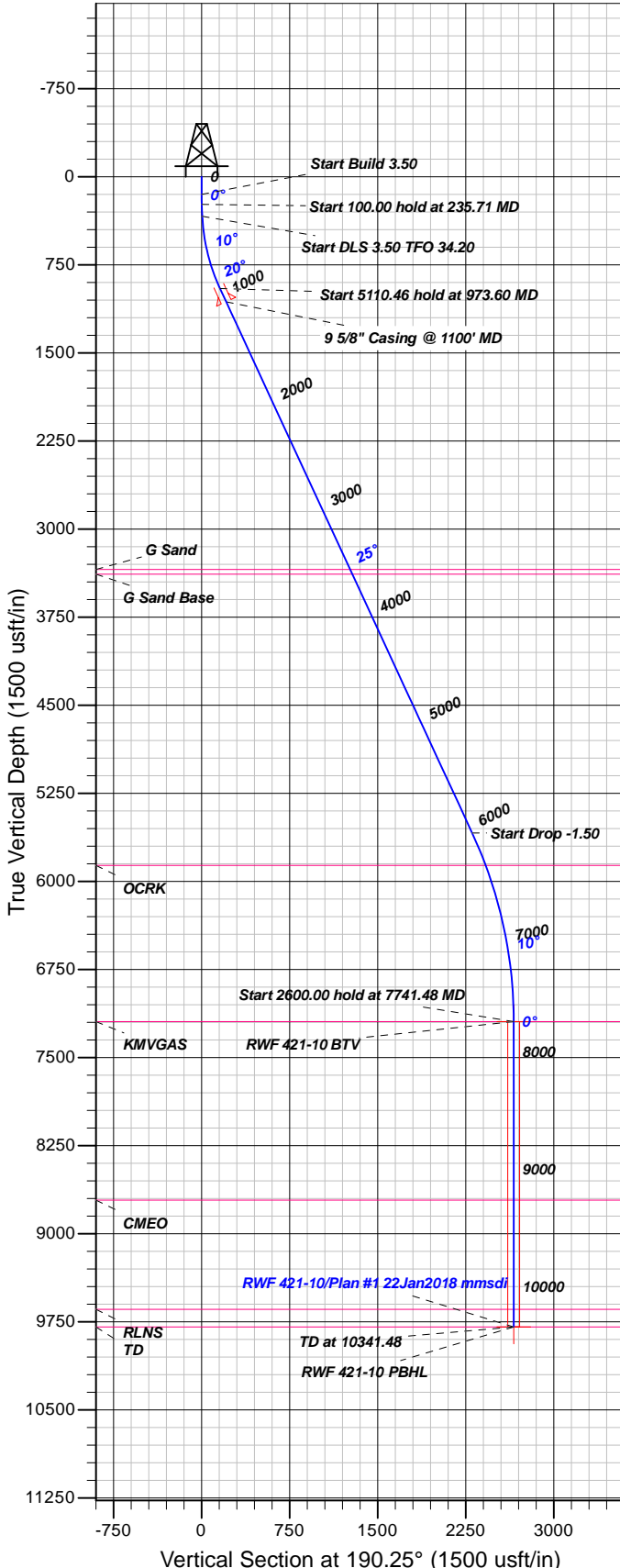


Well Details: RWF 421-10

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1634868.43	2329797.04	39.5524260	-107.8770947	RWF 421-10 (B17)



FORMATION TOP DETAILS

TVDPth	MDPath	Formation
3344.00	3610.75	G Sand
3384.00	3654.84	G Sand Base
5864.00	6383.03	OCRK
7194.00	7741.48	KMGAS
8714.00	9261.48	CMEO
9644.00	10191.48	RLNS
9794.00	10341.48	TD

Plan: Plan #1 22Jan2018 mmsdi

23:28, February 07 2018
Created By: Mel Mireles

PROJECT DETAILS: Garfield County, CO NAD83

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone

System Datum: Mean Sea Level

CASING DETAILS

TVD	MD	Name	Size
1065.93	1100.00	5/8" Casing @ 1100' MD	9.62

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	
3	235.71	3.00	160.00	235.68	-2.11	0.77	3.50	160.00	1.94	
4	335.71	3.00	160.00	335.54	-7.03	2.56	0.00	0.00	6.46	
5	973.60	24.86	190.52	951.23	-156.44	-16.46	3.50	34.20	156.87	
6	6084.06	24.86	190.52	5588.10	-2268.88	-408.80	0.00	0.00	2305.41	
7	7741.48	0.00	0.00	7194.00	-2616.91	-473.44	1.50	180.00	2659.39	RWF 421-10 BTM
8	10341.48	0.00	0.00	9794.00	-2616.91	-473.44	0.00	0.00	2659.39	RWF 421-10 PBHL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RWF 421-10 BTM	7194.00	-2616.91	-473.44	1632264.80	2329255.30	39.5452416	-107.8787735	Circle (Radius: 50.00)
- plan hits target center								
RWF 421-10 PBHL	9794.00	-2616.91	-473.44	1632264.80	2329255.30	39.5452416	-107.8787735	Point
- plan hits target center								



TEP Rocky Mountain LLC

Garfield County, CO NAD83

NR 23-3 Pad

RWF 421-10 - Slot RWF 421-10 (B17)

OH

Plan: Plan #1 22Jan2018 mmsdi

Standard Planning Report

07 February, 2018



Database:	Grand Junction District	Local Co-ordinate Reference:	Well RWF 421-10 - Slot RWF 421-10 (B17)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Site:	NR 23-3 Pad	North Reference:	True
Well:	RWF 421-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 22Jan2018 mmsdi		

Project	Garfield County, CO NAD83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site	NR 23-3 Pad			
Site Position:		Northing:	1,634,904.55 usft	Latitude: 39.5525224
From: Map		Easting:	2,329,757.66 usft	Longitude: -107.8772377
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence: -1.50 °

Well	RWF 421-10 - Slot RWF 421-10 (B17)			
Well Position	+N/-S	-35.08 usft	Northing:	1,634,868.43 usft
	+E/-W	40.31 usft	Easting:	2,329,797.04 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	0.00 usft
			Ground Level:	6,720.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	1/22/2018	9.48	65.82	51,614

Design	Plan #1 22Jan2018 mmsdi			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	190.25

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	
235.71	3.00	160.00	235.68	-2.11	0.77	3.50	3.50	0.00	160.00	
335.71	3.00	160.00	335.54	-7.03	2.56	0.00	0.00	0.00	0.00	
973.60	24.86	190.52	951.23	-156.44	-16.46	3.50	3.43	4.78	34.20	
6,084.06	24.86	190.52	5,588.10	-2,268.88	-408.80	0.00	0.00	0.00	0.00	
7,741.48	0.00	0.00	7,194.00	-2,616.91	-473.44	1.50	-1.50	0.00	180.00	RWF 421-10 BTV
10,341.48	0.00	0.00	9,794.00	-2,616.91	-473.44	0.00	0.00	0.00	0.00	RWF 421-10 PBHL

Database:	Grand Junction District	Local Co-ordinate Reference:	Well RWF 421-10 - Slot RWF 421-10 (B17)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Site:	NR 23-3 Pad	North Reference:	True
Well:	RWF 421-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 22Jan2018 mmsdi		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.50									
200.00	1.75	160.00	199.99	-0.72	0.26	0.66	3.50	3.50	0.00
235.71	3.00	160.00	235.68	-2.11	0.77	1.94	3.50	3.50	0.00
Start 100.00 hold at 235.71 MD									
300.00	3.00	160.00	299.87	-5.27	1.92	4.84	0.00	0.00	0.00
335.71	3.00	160.00	335.54	-7.03	2.56	6.46	0.00	0.00	0.00
Start DLS 3.50 TFO 34.20									
400.00	5.02	174.60	399.66	-11.41	3.40	10.62	3.50	3.15	22.71
500.00	8.40	182.67	498.97	-23.07	3.47	22.08	3.50	3.38	8.07
600.00	11.85	186.10	597.40	-40.58	2.04	39.57	3.50	3.45	3.43
700.00	15.32	188.00	694.58	-63.88	-0.89	63.02	3.50	3.47	1.90
800.00	18.80	189.21	790.17	-92.89	-5.31	92.35	3.50	3.48	1.21
900.00	22.29	190.05	883.79	-127.48	-11.20	127.44	3.50	3.49	0.84
973.60	24.86	190.52	951.23	-156.44	-16.46	156.87	3.50	3.49	0.65
Start 5110.46 hold at 973.60 MD									
1,000.00	24.86	190.52	975.19	-167.36	-18.49	167.98	0.00	0.00	0.00
1,100.00	24.86	190.52	1,065.93	-208.69	-26.16	210.02	0.00	0.00	0.00
9 5/8" Casing @ 1100' MD									
1,200.00	24.86	190.52	1,156.66	-250.03	-33.84	252.06	0.00	0.00	0.00
1,300.00	24.86	190.52	1,247.39	-291.36	-41.52	294.10	0.00	0.00	0.00
1,400.00	24.86	190.52	1,338.12	-332.70	-49.20	336.14	0.00	0.00	0.00
1,500.00	24.86	190.52	1,428.86	-374.04	-56.87	378.19	0.00	0.00	0.00
1,600.00	24.86	190.52	1,519.59	-415.37	-64.55	420.23	0.00	0.00	0.00
1,700.00	24.86	190.52	1,610.32	-456.71	-72.23	462.27	0.00	0.00	0.00
1,800.00	24.86	190.52	1,701.05	-498.04	-79.90	504.31	0.00	0.00	0.00
1,900.00	24.86	190.52	1,791.79	-539.38	-87.58	546.35	0.00	0.00	0.00
2,000.00	24.86	190.52	1,882.52	-580.71	-95.26	588.40	0.00	0.00	0.00
2,100.00	24.86	190.52	1,973.25	-622.05	-102.94	630.44	0.00	0.00	0.00
2,200.00	24.86	190.52	2,063.99	-663.38	-110.61	672.48	0.00	0.00	0.00
2,300.00	24.86	190.52	2,154.72	-704.72	-118.29	714.52	0.00	0.00	0.00
2,400.00	24.86	190.52	2,245.45	-746.06	-125.97	756.56	0.00	0.00	0.00
2,500.00	24.86	190.52	2,336.18	-787.39	-133.64	798.61	0.00	0.00	0.00
2,600.00	24.86	190.52	2,426.92	-828.73	-141.32	840.65	0.00	0.00	0.00
2,700.00	24.86	190.52	2,517.65	-870.06	-149.00	882.69	0.00	0.00	0.00
2,800.00	24.86	190.52	2,608.38	-911.40	-156.68	924.73	0.00	0.00	0.00
2,900.00	24.86	190.52	2,699.12	-952.73	-164.35	966.77	0.00	0.00	0.00
3,000.00	24.86	190.52	2,789.85	-994.07	-172.03	1,008.82	0.00	0.00	0.00
3,100.00	24.86	190.52	2,880.58	-1,035.40	-179.71	1,050.86	0.00	0.00	0.00
3,200.00	24.86	190.52	2,971.31	-1,076.74	-187.38	1,092.90	0.00	0.00	0.00
3,300.00	24.86	190.52	3,062.05	-1,118.08	-195.06	1,134.94	0.00	0.00	0.00
3,400.00	24.86	190.52	3,152.78	-1,159.41	-202.74	1,176.98	0.00	0.00	0.00
3,500.00	24.86	190.52	3,243.51	-1,200.75	-210.42	1,219.03	0.00	0.00	0.00
3,600.00	24.86	190.52	3,334.24	-1,242.08	-218.09	1,261.07	0.00	0.00	0.00
3,610.75	24.86	190.52	3,344.00	-1,246.53	-218.92	1,265.59	0.00	0.00	0.00
G Sand									
3,654.84	24.86	190.52	3,384.00	-1,264.75	-222.30	1,284.12	0.00	0.00	0.00
G Sand Base									
3,700.00	24.86	190.52	3,424.98	-1,283.42	-225.77	1,303.11	0.00	0.00	0.00
3,800.00	24.86	190.52	3,515.71	-1,324.75	-233.45	1,345.15	0.00	0.00	0.00
3,900.00	24.86	190.52	3,606.44	-1,366.09	-241.12	1,387.19	0.00	0.00	0.00

Database:	Grand Junction District	Local Co-ordinate Reference:	Well RWF 421-10 - Slot RWF 421-10 (B17)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Site:	NR 23-3 Pad	North Reference:	True
Well:	RWF 421-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 22Jan2018 mmsdi		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,000.00	24.86	190.52	3,697.18	-1,407.42	-248.80	1,429.24	0.00	0.00	0.00
4,100.00	24.86	190.52	3,787.91	-1,448.76	-256.48	1,471.28	0.00	0.00	0.00
4,200.00	24.86	190.52	3,878.64	-1,490.10	-264.16	1,513.32	0.00	0.00	0.00
4,300.00	24.86	190.52	3,969.37	-1,531.43	-271.83	1,555.36	0.00	0.00	0.00
4,400.00	24.86	190.52	4,060.11	-1,572.77	-279.51	1,597.40	0.00	0.00	0.00
4,500.00	24.86	190.52	4,150.84	-1,614.10	-287.19	1,639.45	0.00	0.00	0.00
4,600.00	24.86	190.52	4,241.57	-1,655.44	-294.86	1,681.49	0.00	0.00	0.00
4,700.00	24.86	190.52	4,332.30	-1,696.77	-302.54	1,723.53	0.00	0.00	0.00
4,800.00	24.86	190.52	4,423.04	-1,738.11	-310.22	1,765.57	0.00	0.00	0.00
4,900.00	24.86	190.52	4,513.77	-1,779.44	-317.90	1,807.61	0.00	0.00	0.00
5,000.00	24.86	190.52	4,604.50	-1,820.78	-325.57	1,849.66	0.00	0.00	0.00
5,100.00	24.86	190.52	4,695.24	-1,862.12	-333.25	1,891.70	0.00	0.00	0.00
5,200.00	24.86	190.52	4,785.97	-1,903.45	-340.93	1,933.74	0.00	0.00	0.00
5,300.00	24.86	190.52	4,876.70	-1,944.79	-348.60	1,975.78	0.00	0.00	0.00
5,400.00	24.86	190.52	4,967.43	-1,986.12	-356.28	2,017.82	0.00	0.00	0.00
5,500.00	24.86	190.52	5,058.17	-2,027.46	-363.96	2,059.87	0.00	0.00	0.00
5,600.00	24.86	190.52	5,148.90	-2,068.79	-371.64	2,101.91	0.00	0.00	0.00
5,700.00	24.86	190.52	5,239.63	-2,110.13	-379.31	2,143.95	0.00	0.00	0.00
5,800.00	24.86	190.52	5,330.36	-2,151.47	-386.99	2,185.99	0.00	0.00	0.00
5,900.00	24.86	190.52	5,421.10	-2,192.80	-394.67	2,228.03	0.00	0.00	0.00
6,000.00	24.86	190.52	5,511.83	-2,234.14	-402.34	2,270.08	0.00	0.00	0.00
6,084.06	24.86	190.52	5,588.10	-2,268.88	-408.80	2,305.41	0.00	0.00	0.00
Start Drop -1.50									
6,100.00	24.62	190.52	5,602.58	-2,275.44	-410.02	2,312.09	1.50	-1.50	0.00
6,200.00	23.12	190.52	5,694.02	-2,315.23	-417.40	2,352.56	1.50	-1.50	0.00
6,300.00	21.62	190.52	5,786.49	-2,352.65	-424.36	2,390.62	1.50	-1.50	0.00
6,383.03	20.38	190.52	5,864.00	-2,381.90	-429.79	2,420.37	1.50	-1.50	0.00
OCRK									
6,400.00	20.12	190.52	5,879.92	-2,387.68	-430.86	2,426.24	1.50	-1.50	0.00
6,500.00	18.62	190.52	5,974.26	-2,420.29	-436.92	2,459.41	1.50	-1.50	0.00
6,600.00	17.12	190.52	6,069.43	-2,450.46	-442.52	2,490.10	1.50	-1.50	0.00
6,700.00	15.62	190.52	6,165.37	-2,478.18	-447.67	2,518.29	1.50	-1.50	0.00
6,800.00	14.12	190.52	6,262.02	-2,503.41	-452.36	2,543.95	1.50	-1.50	0.00
6,900.00	12.62	190.52	6,359.31	-2,526.15	-456.58	2,567.08	1.50	-1.50	0.00
7,000.00	11.12	190.52	6,457.17	-2,546.38	-460.33	2,587.65	1.50	-1.50	0.00
7,100.00	9.62	190.52	6,555.53	-2,564.08	-463.62	2,605.66	1.50	-1.50	0.00
7,200.00	8.12	190.52	6,654.33	-2,579.24	-466.44	2,621.08	1.50	-1.50	0.00
7,300.00	6.62	190.52	6,753.50	-2,591.86	-468.78	2,633.91	1.50	-1.50	0.00
7,400.00	5.12	190.52	6,852.97	-2,601.91	-470.65	2,644.14	1.50	-1.50	0.00
7,500.00	3.62	190.52	6,952.68	-2,609.41	-472.04	2,651.76	1.50	-1.50	0.00
7,600.00	2.12	190.52	7,052.55	-2,614.34	-472.96	2,656.77	1.50	-1.50	0.00
7,700.00	0.62	190.52	7,152.52	-2,616.69	-473.39	2,659.17	1.50	-1.50	0.00
7,741.48	0.00	0.00	7,194.00	-2,616.91	-473.44	2,659.39	1.50	-1.50	0.00
Start 2600.00 hold at 7741.48 MD - KMGAS - RWF 421-10 BTW									
7,800.00	0.00	0.00	7,252.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
7,900.00	0.00	0.00	7,352.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,000.00	0.00	0.00	7,452.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,100.00	0.00	0.00	7,552.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,200.00	0.00	0.00	7,652.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,300.00	0.00	0.00	7,752.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,400.00	0.00	0.00	7,852.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,500.00	0.00	0.00	7,952.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00
8,600.00	0.00	0.00	8,052.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00

Database:	Grand Junction District	Local Co-ordinate Reference:	Well RWF 421-10 - Slot RWF 421-10 (B17)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Site:	NR 23-3 Pad	North Reference:	True
Well:	RWF 421-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 22Jan2018 mmsdi		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,700.00	0.00	0.00	8,152.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
8,800.00	0.00	0.00	8,252.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
8,900.00	0.00	0.00	8,352.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,000.00	0.00	0.00	8,452.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,100.00	0.00	0.00	8,552.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,200.00	0.00	0.00	8,652.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,261.48	0.00	0.00	8,714.00	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
CMEO										
9,300.00	0.00	0.00	8,752.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,400.00	0.00	0.00	8,852.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,500.00	0.00	0.00	8,952.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,600.00	0.00	0.00	9,052.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,700.00	0.00	0.00	9,152.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,800.00	0.00	0.00	9,252.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
9,900.00	0.00	0.00	9,352.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
10,000.00	0.00	0.00	9,452.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
10,100.00	0.00	0.00	9,552.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
10,191.48	0.00	0.00	9,644.00	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
RLNS										
10,200.00	0.00	0.00	9,652.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
10,300.00	0.00	0.00	9,752.52	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
10,341.48	0.00	0.00	9,794.00	-2,616.91	-473.44	2,659.39	0.00	0.00	0.00	
TD at 10341.48 - TD - RWF 421-10 PBHL										

Design 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										
RWF 421-10 BTV	0.00	0.00	7,194.00	-2,616.91	-473.44	1,632,264.80	2,329,255.30	39.5452416	-107.8787735	
- plan hits target center										
- Circle (radius 50.00)										
RWF 421-10 PBHL	0.00	0.00	9,794.00	-2,616.91	-473.44	1,632,264.80	2,329,255.30	39.5452416	-107.8787735	
- plan hits target center										
- Point										

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name			Casing Diameter (in)	Hole Diameter (in)
1,100.00	1,065.93	9 5/8" Casing @ 1100' MD			9.62	13.50

Database:	Grand Junction District	Local Co-ordinate Reference:	Well RWF 421-10 - Slot RWF 421-10 (B17)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 6720' & RKB 24' @ 6744.00usft
Site:	NR 23-3 Pad	North Reference:	True
Well:	RWF 421-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1 22Jan2018 mmsdi		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,610.75	3,344.00	G Sand		0.00	0.00	
3,654.84	3,384.00	G Sand Base		0.00	0.00	
6,383.03	5,864.00	OCRK		0.00	0.00	
7,741.48	7,194.00	KMVGAS		0.00	0.00	
9,261.48	8,714.00	CME0		0.00	0.00	
10,191.48	9,644.00	RLNS		0.00	0.00	
10,341.48	9,794.00	TD		0.00	0.00	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
150.00	150.00	0.00	0.00	Start Build 3.50	
235.71	235.68	-2.11	0.77	Start 100.00 hold at 235.71 MD	
335.71	335.54	-7.03	2.56	Start DLS 3.50 TFO 34.20	
973.60	951.23	-156.44	-16.46	Start 5110.46 hold at 973.60 MD	
6,084.06	5,588.10	-2,268.88	-408.80	Start Drop -1.50	
7,741.48	7,194.00	-2,616.91	-473.44	Start 2600.00 hold at 7741.48 MD	
10,341.48	9,794.00	-2,616.91	-473.44	TD at 10341.48	