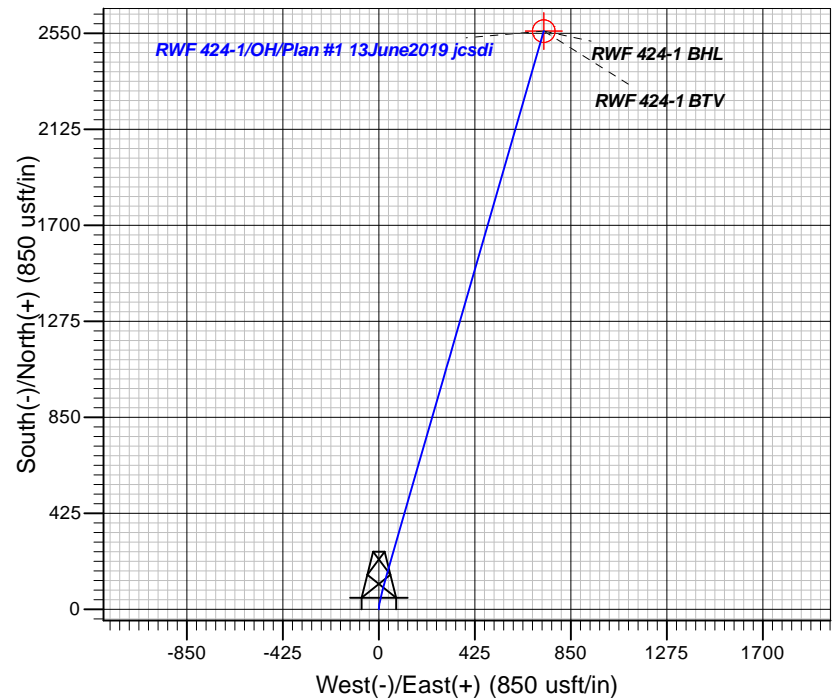
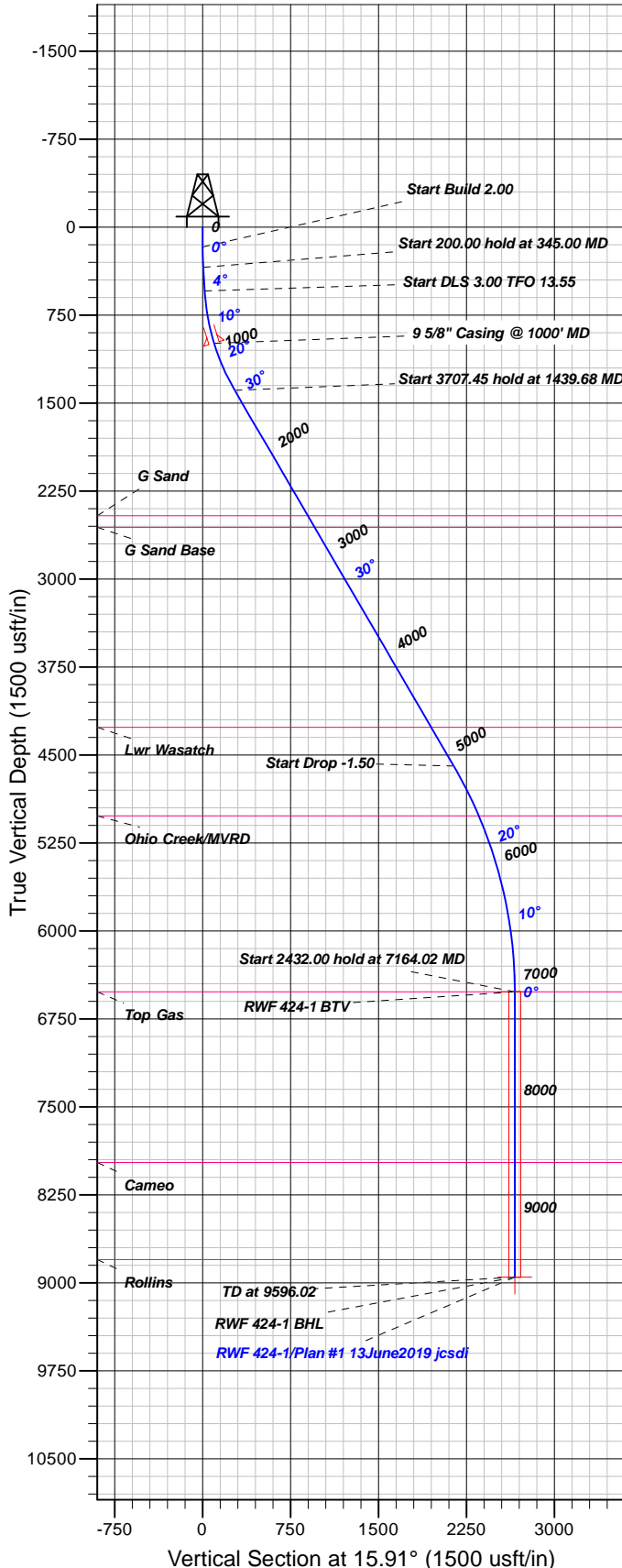


## Well Details: RWF 424-1

GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)						Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	1630848.60	2339713.10	39.5421007	-107.8415724	

**T M** Azimuths to True North  
 Magnetic North: 9.37°  
 Magnetic Field  
 Strength: 51377.6snT  
 Dip Angle: 65.62°  
 Date: 6/13/2019  
 Model: BGGM2016



### FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
2460.00	2674.90	G Sand
2560.00	2790.66	G Sand Base
4265.00	4764.48	Lwr Wasatch
5020.00	5622.52	Ohio Creek/MVRD
6520.00	7164.02	Top Gas
7975.00	8619.02	Cameo
8802.00	9446.02	Rollins

Plan: Plan #1 13June2019 jcsdi

15:56, June 18 2019  
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

TVDP	MD	Name	Size
991.18	1000.00	5/8" Casing @ 1000' 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	170.00	0.00	0.00	170.00	0.00	0.00	0.00	0.00	0.00	
3	345.00	3.50	4.00	344.89	5.33	0.37	2.00	4.00	5.23	
4	545.00	3.50	4.00	544.52	17.51	1.22	0.00	0.00	17.17	
5	1439.68	30.25	16.12	1393.01	265.83	66.91	3.00	13.55	273.99	
6	5147.13	30.25	16.12	4595.53	2060.29	585.53	0.00	0.00	2141.88	
7	7164.02	0.00	0.00	6520.00	2560.06	729.96	1.50	180.00	2662.10	RWF 424-1 BTV
8	9596.02	0.00	0.00	8952.00	2560.06	729.96	0.00	0.00	2662.10	RWF 424-1 BHL

### DESIGN TARGET DETAILS

Name	TVDP	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RWF 424-1 BTV	6520.00	2560.06	729.96	1633389.00	2340508.80	39.5491290	-107.8389837	Circle (Radius: 50.00)
- plan hits target center								
RWF 424-1 BHL	8952.00	2560.06	729.96	1633389.00	2340508.80	39.5491290	-107.8389837	Point
- plan hits target center								



# **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**RWF 12-12 Pad**

**RWF 424-1**

**OH**

**Plan: Plan #1 13June2019 jcsdi**

## **Standard Planning Report**

**18 June, 2019**



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 424-1
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Site:</b>	RWF 12-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RWF 424-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 13June2019 jcsdi		

<b>Project</b>	Garfield County, CO NAD83		
<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 Central Zone		

Site		RWF 12-12 Pad			
Site Position:		Northing:	1,630,797.20 usft	Latitude:	39.5419586
From:	Map	Easting:	2,339,698.60 usft	Longitude:	-107.8416191
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence:	-1.48 °

Well	RWF 424-1					
Well Position	+N/-S	51.76 usft	Northing:	1,630,848.60 usft	Latitude:	39.5421007
	+E/-W	13.17 usft	Easting:	2,339,713.10 usft	Longitude:	-107.8415724
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	5,466.80 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2016	6/13/2019	9.37	65.62	51,378

<b>Design</b>	Plan #1 13June2019 jcsdi			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	15.91

<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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
170.00	0.00	0.00	170.00	0.00	0.00	0.00	0.00	0.00	0.00	
345.00	3.50	4.00	344.89	5.33	0.37	2.00	2.00	0.00	4.00	
545.00	3.50	4.00	544.52	17.51	1.22	0.00	0.00	0.00	0.00	
1,439.68	30.25	16.12	1,393.01	265.83	66.91	3.00	2.99	1.35	13.55	
5,147.13	30.25	16.12	4,595.53	2,060.29	585.53	0.00	0.00	0.00	0.00	
7,164.02	0.00	0.00	6,520.00	2,560.06	729.96	1.50	-1.50	0.00	180.00	RWF 424-1 BTV
9,596.02	0.00	0.00	8,952.00	2,560.06	729.96	0.00	0.00	0.00	0.00	RWF 424-1 BHL

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 424-1
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Site:</b>	RWF 12-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RWF 424-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 13June2019 jcsdi		

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	
170.00	0.00	0.00	170.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 2.00										
200.00	0.60	4.00	200.00	0.16	0.01	0.15	2.00	2.00	0.00	
300.00	2.60	4.00	299.96	2.94	0.21	2.89	2.00	2.00	0.00	
345.00	3.50	4.00	344.89	5.33	0.37	5.23	2.00	2.00	0.00	
Start 200.00 hold at 345.00 MD										
400.00	3.50	4.00	399.79	8.68	0.61	8.51	0.00	0.00	0.00	
500.00	3.50	4.00	499.60	14.77	1.03	14.49	0.00	0.00	0.00	
545.00	3.50	4.00	544.52	17.51	1.22	17.17	0.00	0.00	0.00	
Start DLS 3.00 TFO 13.55										
600.00	5.12	8.34	599.36	21.61	1.70	21.25	3.00	2.94	7.88	
700.00	8.09	11.75	698.69	32.92	3.78	32.70	3.00	2.98	3.42	
800.00	11.08	13.34	797.28	49.17	7.43	49.32	3.00	2.99	1.58	
900.00	14.08	14.25	894.87	70.31	12.64	71.09	3.00	2.99	0.92	
1,000.00	17.07	14.86	991.18	96.29	19.40	97.92	3.00	3.00	0.60	
9 5/8" Casing @ 1000' MD										
1,100.00	20.07	15.28	1,085.97	127.04	27.69	129.76	3.00	3.00	0.43	
1,200.00	23.07	15.60	1,178.95	162.47	37.48	166.52	3.00	3.00	0.32	
1,300.00	26.06	15.85	1,269.89	202.48	48.75	208.09	3.00	3.00	0.25	
1,400.00	29.06	16.05	1,358.53	246.96	61.47	254.35	3.00	3.00	0.20	
1,439.68	30.25	16.12	1,393.01	265.83	66.91	273.99	3.00	3.00	0.18	
Start 3707.45 hold at 1439.68 MD										
1,500.00	30.25	16.12	1,445.12	295.03	75.35	304.38	0.00	0.00	0.00	
1,600.00	30.25	16.12	1,531.50	343.43	89.34	354.76	0.00	0.00	0.00	
1,700.00	30.25	16.12	1,617.88	391.83	103.33	405.14	0.00	0.00	0.00	
1,800.00	30.25	16.12	1,704.26	440.23	117.31	455.53	0.00	0.00	0.00	
1,900.00	30.25	16.12	1,790.64	488.63	131.30	505.91	0.00	0.00	0.00	
2,000.00	30.25	16.12	1,877.02	537.03	145.29	556.29	0.00	0.00	0.00	
2,100.00	30.25	16.12	1,963.40	585.44	159.28	606.67	0.00	0.00	0.00	
2,200.00	30.25	16.12	2,049.78	633.84	173.27	657.05	0.00	0.00	0.00	
2,300.00	30.25	16.12	2,136.16	682.24	187.26	707.44	0.00	0.00	0.00	
2,400.00	30.25	16.12	2,222.54	730.64	201.24	757.82	0.00	0.00	0.00	
2,500.00	30.25	16.12	2,308.92	779.04	215.23	808.20	0.00	0.00	0.00	
2,600.00	30.25	16.12	2,395.30	827.44	229.22	858.58	0.00	0.00	0.00	
2,674.90	30.25	16.12	2,460.00	863.69	239.70	896.32	0.00	0.00	0.00	
G Sand										
2,700.00	30.25	16.12	2,481.69	875.84	243.21	908.96	0.00	0.00	0.00	
2,790.66	30.25	16.12	2,560.00	919.73	255.89	954.64	0.00	0.00	0.00	
G Sand Base										
2,800.00	30.25	16.12	2,568.07	924.25	257.20	959.35	0.00	0.00	0.00	
2,900.00	30.25	16.12	2,654.45	972.65	271.19	1,009.73	0.00	0.00	0.00	
3,000.00	30.25	16.12	2,740.83	1,021.05	285.18	1,060.11	0.00	0.00	0.00	
3,100.00	30.25	16.12	2,827.21	1,069.45	299.16	1,110.49	0.00	0.00	0.00	
3,200.00	30.25	16.12	2,913.59	1,117.85	313.15	1,160.87	0.00	0.00	0.00	
3,300.00	30.25	16.12	2,999.97	1,166.25	327.14	1,211.26	0.00	0.00	0.00	
3,400.00	30.25	16.12	3,086.35	1,214.66	341.13	1,261.64	0.00	0.00	0.00	
3,500.00	30.25	16.12	3,172.73	1,263.06	355.12	1,312.02	0.00	0.00	0.00	
3,600.00	30.25	16.12	3,259.11	1,311.46	369.11	1,362.40	0.00	0.00	0.00	
3,700.00	30.25	16.12	3,345.49	1,359.86	383.09	1,412.79	0.00	0.00	0.00	
3,800.00	30.25	16.12	3,431.87	1,408.26	397.08	1,463.17	0.00	0.00	0.00	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 424-1
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Site:</b>	RWF 12-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RWF 424-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 13June2019 jcsdi		

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)
3,900.00	30.25	16.12	3,518.25	1,456.66	411.07	1,513.55	0.00	0.00	0.00
4,000.00	30.25	16.12	3,604.63	1,505.06	425.06	1,563.93	0.00	0.00	0.00
4,100.00	30.25	16.12	3,691.01	1,553.47	439.05	1,614.31	0.00	0.00	0.00
4,200.00	30.25	16.12	3,777.39	1,601.87	453.04	1,664.70	0.00	0.00	0.00
4,300.00	30.25	16.12	3,863.78	1,650.27	467.03	1,715.08	0.00	0.00	0.00
4,400.00	30.25	16.12	3,950.16	1,698.67	481.01	1,765.46	0.00	0.00	0.00
4,500.00	30.25	16.12	4,036.54	1,747.07	495.00	1,815.84	0.00	0.00	0.00
4,600.00	30.25	16.12	4,122.92	1,795.47	508.99	1,866.22	0.00	0.00	0.00
4,700.00	30.25	16.12	4,209.30	1,843.88	522.98	1,916.61	0.00	0.00	0.00
4,764.48	30.25	16.12	4,265.00	1,875.09	532.00	1,949.09	0.00	0.00	0.00
Lwr Wasatch									
4,800.00	30.25	16.12	4,295.68	1,892.28	536.97	1,966.99	0.00	0.00	0.00
4,900.00	30.25	16.12	4,382.06	1,940.68	550.96	2,017.37	0.00	0.00	0.00
5,000.00	30.25	16.12	4,468.44	1,989.08	564.94	2,067.75	0.00	0.00	0.00
5,100.00	30.25	16.12	4,554.82	2,037.48	578.93	2,118.13	0.00	0.00	0.00
5,147.13	30.25	16.12	4,595.53	2,060.29	585.53	2,141.88	0.00	0.00	0.00
Start Drop -1.50									
5,200.00	29.46	16.12	4,641.38	2,085.58	592.83	2,168.20	1.50	-1.50	0.00
5,300.00	27.96	16.12	4,729.09	2,131.73	606.17	2,216.24	1.50	-1.50	0.00
5,400.00	26.46	16.12	4,818.02	2,175.65	618.87	2,261.96	1.50	-1.50	0.00
5,500.00	24.96	16.12	4,908.12	2,217.33	630.91	2,305.34	1.50	-1.50	0.00
5,600.00	23.46	16.12	4,999.32	2,256.72	642.30	2,346.35	1.50	-1.50	0.00
5,622.52	23.12	16.12	5,020.00	2,265.28	644.77	2,355.25	1.50	-1.50	0.00
Ohio Creek/MVRD									
5,700.00	21.96	16.12	5,091.56	2,293.81	653.02	2,384.95	1.50	-1.50	0.00
5,800.00	20.46	16.12	5,184.78	2,328.57	663.06	2,421.13	1.50	-1.50	0.00
5,900.00	18.96	16.12	5,278.92	2,360.97	672.42	2,454.86	1.50	-1.50	0.00
6,000.00	17.46	16.12	5,373.91	2,390.99	681.10	2,486.11	1.50	-1.50	0.00
6,100.00	15.96	16.12	5,469.69	2,418.61	689.08	2,514.86	1.50	-1.50	0.00
6,200.00	14.46	16.12	5,566.18	2,443.82	696.37	2,541.09	1.50	-1.50	0.00
6,300.00	12.96	16.12	5,663.33	2,466.58	702.95	2,564.79	1.50	-1.50	0.00
6,400.00	11.46	16.12	5,761.06	2,486.90	708.82	2,585.94	1.50	-1.50	0.00
6,500.00	9.96	16.12	5,859.32	2,504.76	713.98	2,604.53	1.50	-1.50	0.00
6,600.00	8.46	16.12	5,958.03	2,520.13	718.42	2,620.53	1.50	-1.50	0.00
6,700.00	6.96	16.12	6,057.12	2,533.02	722.15	2,633.95	1.50	-1.50	0.00
6,800.00	5.46	16.12	6,156.53	2,543.41	725.15	2,644.77	1.50	-1.50	0.00
6,900.00	3.96	16.12	6,256.19	2,551.30	727.43	2,652.98	1.50	-1.50	0.00
7,000.00	2.46	16.12	6,356.03	2,556.68	728.99	2,658.58	1.50	-1.50	0.00
7,100.00	0.96	16.12	6,455.98	2,559.55	729.81	2,661.56	1.50	-1.50	0.00
7,164.02	0.00	0.00	6,520.00	2,560.06	729.96	2,662.10	1.50	-1.50	0.00
Start 2432.00 hold at 7164.02 MD - Top Gas - RWF 424-1 BTV									
7,200.00	0.00	0.00	6,555.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,300.00	0.00	0.00	6,655.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,400.00	0.00	0.00	6,755.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,500.00	0.00	0.00	6,855.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,600.00	0.00	0.00	6,955.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,700.00	0.00	0.00	7,055.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,800.00	0.00	0.00	7,155.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
7,900.00	0.00	0.00	7,255.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
8,000.00	0.00	0.00	7,355.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00
8,100.00	0.00	0.00	7,455.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 424-1
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Site:</b>	RWF 12-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RWF 424-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 13June2019 jcsdi		

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)	
8,200.00	0.00	0.00	7,555.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,300.00	0.00	0.00	7,655.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,400.00	0.00	0.00	7,755.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,500.00	0.00	0.00	7,855.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,600.00	0.00	0.00	7,955.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,619.02	0.00	0.00	7,975.00	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
Cameo										
8,700.00	0.00	0.00	8,055.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,800.00	0.00	0.00	8,155.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
8,900.00	0.00	0.00	8,255.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,000.00	0.00	0.00	8,355.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,100.00	0.00	0.00	8,455.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,200.00	0.00	0.00	8,555.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,300.00	0.00	0.00	8,655.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,400.00	0.00	0.00	8,755.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,446.02	0.00	0.00	8,802.00	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
Rollins										
9,500.00	0.00	0.00	8,855.98	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
9,596.02	0.00	0.00	8,952.00	2,560.06	729.96	2,662.10	0.00	0.00	0.00	
TD at 9596.02 - RWF 424-1 BHL										

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 424-1 BTV	0.00	0.00	6,520.00	2,560.06	729.96	1,633,389.00	2,340,508.80	39.5491291	-107.8389838
- plan hits target center									
- Circle (radius 50.00)									
RWF 424-1 BHL	0.00	0.00	8,952.00	2,560.06	729.96	1,633,389.00	2,340,508.80	39.5491291	-107.8389838
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,000.00	991.18	9 5/8" Casing @ 1000' MD	9.62	12.25	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 424-1
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)
<b>Site:</b>	RWF 12-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RWF 424-1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 13June2019 jcsdi		

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,674.90	2,460.00	G Sand		0.00	0.00
2,790.66	2,560.00	G Sand Base		0.00	0.00
4,764.48	4,265.00	Lwr Wasatch		0.00	0.00
5,622.52	5,020.00	Ohio Creek/MVRD		0.00	0.00
7,164.02	6,520.00	Top Gas		0.00	0.00
8,619.02	7,975.00	Cameo		0.00	0.00
9,446.02	8,802.00	Rollins		0.00	0.00

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
170.00	170.00	0.00	0.00	Start Build 2.00	
345.00	344.89	5.33	0.37	Start 200.00 hold at 345.00 MD	
545.00	544.52	17.51	1.22	Start DLS 3.00 TFO 13.55	
1,439.68	1,393.01	265.83	66.91	Start 3707.45 hold at 1439.68 MD	
5,147.13	4,595.53	2,060.29	585.53	Start Drop -1.50	
7,164.02	6,520.00	2,560.06	729.96	Start 2432.00 hold at 7164.02 MD	
9,596.02	8,952.00	2,560.06	729.96	TD at 9596.02	