

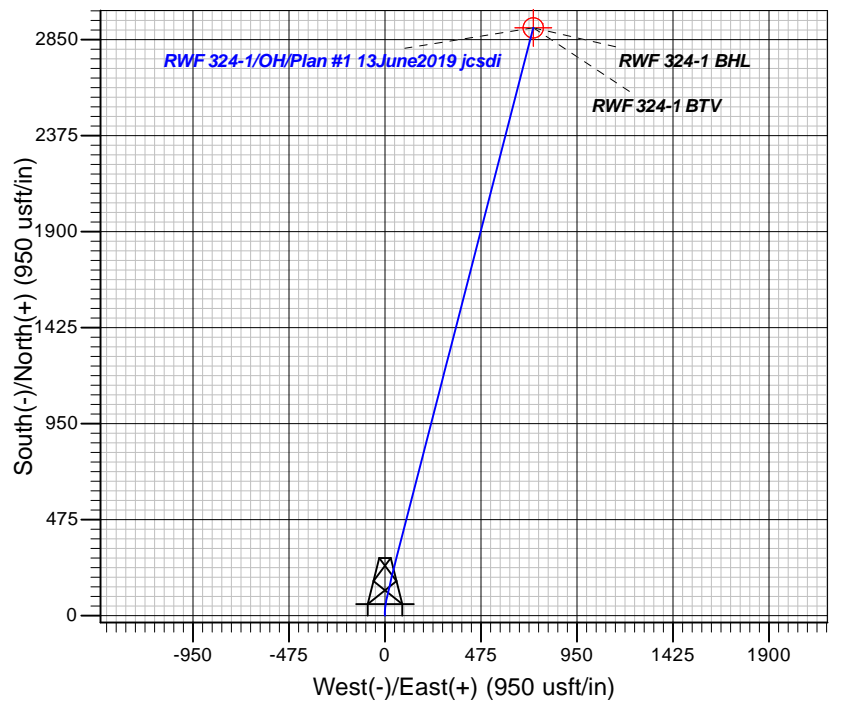
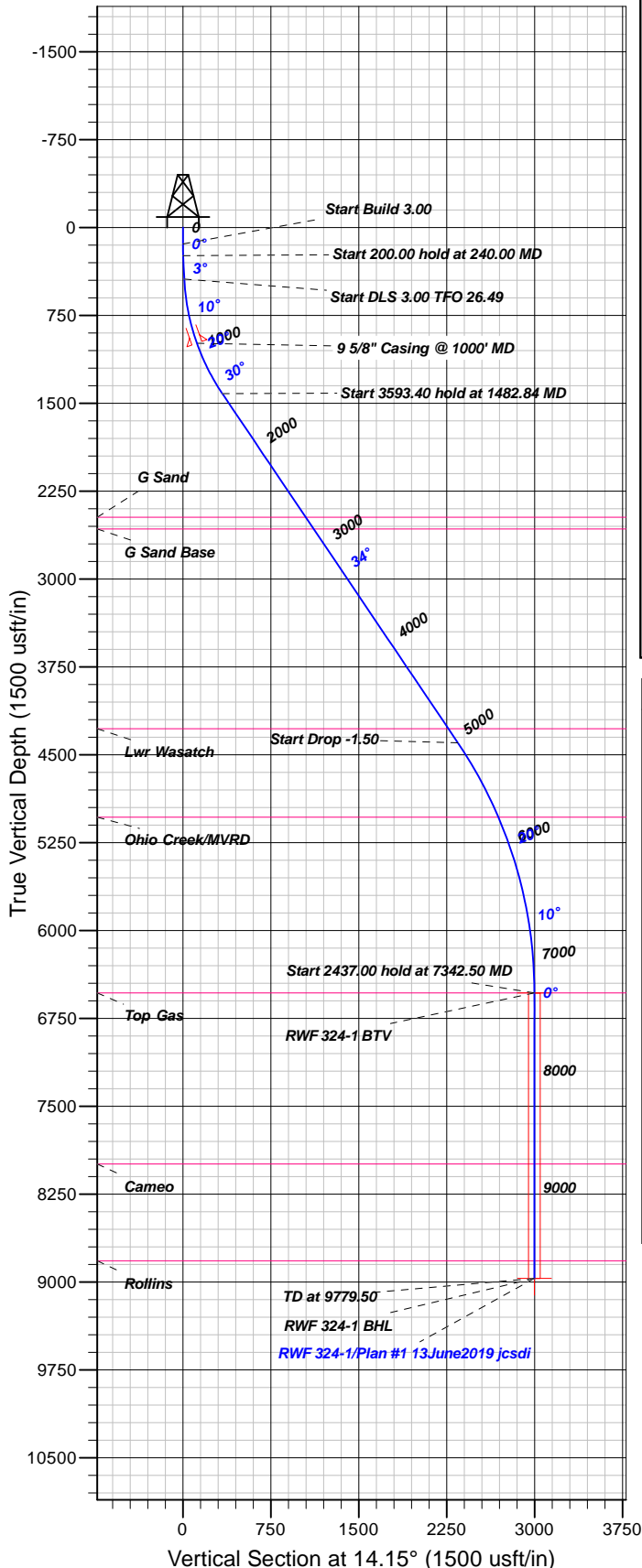


Azimuths to True North  
Magnetic North: 9.37°  
Magnetic Field  
Strength: 51377.6snT  
Dip Angle: 65.62°  
Date: 6/13/2019  
Model: BGGM2016

## Well Details: RWF 324-1

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1630835.20	2339706.40	39.5420634	-107.8415949	

GL 5466.8' & RKB 24' @ 5490.80usft (H&P 318)



## FORMATION TOP DETAILS

TVDPth	MDPath	Formation
2472.00	2755.19	G Sand
2572.00	2875.80	G Sand Base
4277.00	4932.26	Lwr Wasatch
5032.00	5801.00	Ohio Creek/MVRD
6532.00	7342.50	Top Gas
7992.00	8802.50	Cameo
8819.00	9629.50	Rollins

Plan: Plan #1 13June2019 jcsdi

12:43, 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

TVD	MD	Name	Size
987.12	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	140.00	0.00	0.00	140.00	0.00	0.00	0.00	0.00	0.00	
3	240.00	3.00	350.00	239.95	2.58	-0.45	3.00	350.00	2.39	
4	440.00	3.00	350.00	439.68	12.89	-2.27	0.00	0.00	11.94	
5	1482.84	33.99	14.47	1417.10	329.95	67.60	3.00	26.49	336.47	
6	5076.24	33.99	14.47	4396.38	2275.27	569.75	0.00	0.00	2345.52	
7	7342.50	0.00	0.00	6532.00	2907.35	732.91	1.50	180.00	2998.31	RWF 324-1 BTV
8	9779.50	0.00	0.00	8969.00	2907.35	732.91	0.00	0.00	2998.31	RWF 324-1 BHL

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RWF 324-1 BTV	6532.00	2907.35	732.91	1633722.70	2340514.00	39.5500452	-107.8389958	Circle (Radius: 50.00)
- plan hits target center								
RWF 324-1 BHL	8969.00	2907.35	732.91	1633722.70	2340514.00	39.5500452	-107.8389958	Point
- plan hits target center								



# **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**RWF 12-12 Pad**

**RWF 324-1**

**OH**

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

## **Standard Planning Report**

**18 June, 2019**



[www.scientificdrilling.com](http://www.scientificdrilling.com)



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 324-1
<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 324-1	<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 324-1					
Well Position	+N/-S	38.19 usft	Northing:	1,630,835.20 usft	Latitude:	39.5420634
	+E/-W	6.82 usft	Easting:	2,339,706.40 usft	Longitude:	-107.8415949
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	14.15

<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	
140.00	0.00	0.00	140.00	0.00	0.00	0.00	0.00	0.00	0.00	
240.00	3.00	350.00	239.95	2.58	-0.45	3.00	3.00	0.00	350.00	
440.00	3.00	350.00	439.68	12.89	-2.27	0.00	0.00	0.00	0.00	
1,482.84	33.99	14.47	1,417.10	329.95	67.60	3.00	2.97	2.35	26.49	
5,076.24	33.99	14.47	4,396.38	2,275.27	569.75	0.00	0.00	0.00	0.00	
7,342.50	0.00	0.00	6,532.00	2,907.35	732.91	1.50	-1.50	0.00	180.00	RWF 324-1 BTV
9,779.50	0.00	0.00	8,969.00	2,907.35	732.91	0.00	0.00	0.00	0.00	RWF 324-1 BHL

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 324-1
<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 324-1	<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
140.00	0.00	0.00	140.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
200.00	1.80	350.00	199.99	0.93	-0.16	0.86	3.00	3.00	0.00
240.00	3.00	350.00	239.95	2.58	-0.45	2.39	3.00	3.00	0.00
Start 200.00 hold at 240.00 MD									
300.00	3.00	350.00	299.87	5.67	-1.00	5.25	0.00	0.00	0.00
400.00	3.00	350.00	399.74	10.82	-1.91	10.03	0.00	0.00	0.00
440.00	3.00	350.00	439.68	12.89	-2.27	11.94	0.00	0.00	0.00
Start DLS 3.00 TFO 26.49									
500.00	4.68	359.89	499.54	16.88	-2.55	15.74	3.00	2.80	16.48
600.00	7.60	6.38	598.96	27.54	-1.82	26.26	3.00	2.92	6.50
700.00	10.57	9.27	697.69	43.17	0.39	41.95	3.00	2.97	2.89
800.00	13.55	10.90	795.48	63.73	4.08	62.79	3.00	2.98	1.63
900.00	16.54	11.95	892.04	89.16	9.25	88.72	3.00	2.99	1.05
1,000.00	19.53	12.68	987.12	119.40	15.87	119.66	3.00	2.99	0.74
9 5/8" Casing @ 1000' MD									
1,100.00	22.52	13.23	1,080.45	154.36	23.92	155.52	3.00	2.99	0.55
1,200.00	25.52	13.65	1,171.78	193.94	33.39	196.22	3.00	3.00	0.42
1,300.00	28.51	14.00	1,260.85	238.05	44.25	241.64	3.00	3.00	0.34
1,400.00	31.51	14.28	1,347.44	286.54	56.47	291.65	3.00	3.00	0.28
1,482.84	33.99	14.47	1,417.10	329.95	67.60	336.47	3.00	3.00	0.24
Start 3593.40 hold at 1482.84 MD									
1,500.00	33.99	14.47	1,431.33	339.24	70.00	346.06	0.00	0.00	0.00
1,600.00	33.99	14.47	1,514.24	393.38	83.97	401.97	0.00	0.00	0.00
1,700.00	33.99	14.47	1,597.15	447.51	97.95	457.88	0.00	0.00	0.00
1,800.00	33.99	14.47	1,680.06	501.65	111.92	513.79	0.00	0.00	0.00
1,900.00	33.99	14.47	1,762.97	555.79	125.89	569.70	0.00	0.00	0.00
2,000.00	33.99	14.47	1,845.88	609.92	139.87	625.61	0.00	0.00	0.00
2,100.00	33.99	14.47	1,928.79	664.06	153.84	681.52	0.00	0.00	0.00
2,200.00	33.99	14.47	2,011.70	718.19	167.82	737.43	0.00	0.00	0.00
2,300.00	33.99	14.47	2,094.60	772.33	181.79	793.34	0.00	0.00	0.00
2,400.00	33.99	14.47	2,177.51	826.47	195.77	849.25	0.00	0.00	0.00
2,500.00	33.99	14.47	2,260.42	880.60	209.74	905.16	0.00	0.00	0.00
2,600.00	33.99	14.47	2,343.33	934.74	223.71	961.07	0.00	0.00	0.00
2,700.00	33.99	14.47	2,426.24	988.87	237.69	1,016.98	0.00	0.00	0.00
2,755.19	33.99	14.47	2,472.00	1,018.75	245.40	1,047.83	0.00	0.00	0.00
G Sand									
2,800.00	33.99	14.47	2,509.15	1,043.01	251.66	1,072.89	0.00	0.00	0.00
2,875.80	33.99	14.47	2,572.00	1,084.05	262.26	1,115.27	0.00	0.00	0.00
G Sand Base									
2,900.00	33.99	14.47	2,592.06	1,097.15	265.64	1,128.80	0.00	0.00	0.00
3,000.00	33.99	14.47	2,674.97	1,151.28	279.61	1,184.70	0.00	0.00	0.00
3,100.00	33.99	14.47	2,757.88	1,205.42	293.59	1,240.61	0.00	0.00	0.00
3,200.00	33.99	14.47	2,840.79	1,259.55	307.56	1,296.52	0.00	0.00	0.00
3,300.00	33.99	14.47	2,923.70	1,313.69	321.53	1,352.43	0.00	0.00	0.00
3,400.00	33.99	14.47	3,006.61	1,367.83	335.51	1,408.34	0.00	0.00	0.00
3,500.00	33.99	14.47	3,089.52	1,421.96	349.48	1,464.25	0.00	0.00	0.00
3,600.00	33.99	14.47	3,172.43	1,476.10	363.46	1,520.16	0.00	0.00	0.00
3,700.00	33.99	14.47	3,255.34	1,530.23	377.43	1,576.07	0.00	0.00	0.00
3,800.00	33.99	14.47	3,338.25	1,584.37	391.41	1,631.98	0.00	0.00	0.00

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 324-1
<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 324-1	<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	33.99	14.47	3,421.16	1,638.50	405.38	1,687.89	0.00	0.00	0.00
4,000.00	33.99	14.47	3,504.07	1,692.64	419.35	1,743.80	0.00	0.00	0.00
4,100.00	33.99	14.47	3,586.98	1,746.78	433.33	1,799.71	0.00	0.00	0.00
4,200.00	33.99	14.47	3,669.89	1,800.91	447.30	1,855.62	0.00	0.00	0.00
4,300.00	33.99	14.47	3,752.80	1,855.05	461.28	1,911.53	0.00	0.00	0.00
4,400.00	33.99	14.47	3,835.71	1,909.18	475.25	1,967.44	0.00	0.00	0.00
4,500.00	33.99	14.47	3,918.62	1,963.32	489.23	2,023.35	0.00	0.00	0.00
4,600.00	33.99	14.47	4,001.53	2,017.46	503.20	2,079.26	0.00	0.00	0.00
4,700.00	33.99	14.47	4,084.44	2,071.59	517.17	2,135.17	0.00	0.00	0.00
4,800.00	33.99	14.47	4,167.35	2,125.73	531.15	2,191.08	0.00	0.00	0.00
4,900.00	33.99	14.47	4,250.26	2,179.86	545.12	2,246.99	0.00	0.00	0.00
4,932.26	33.99	14.47	4,277.00	2,197.33	549.63	2,265.02	0.00	0.00	0.00
<b>Lwr Wasatch</b>									
5,000.00	33.99	14.47	4,333.17	2,234.00	559.10	2,302.90	0.00	0.00	0.00
5,076.24	33.99	14.47	4,396.38	2,275.27	569.75	2,345.52	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
5,100.00	33.64	14.47	4,416.12	2,288.08	573.06	2,358.74	1.50	-1.50	0.00
5,200.00	32.14	14.47	4,500.09	2,340.65	586.63	2,413.04	1.50	-1.50	0.00
5,300.00	30.64	14.47	4,585.45	2,391.08	599.65	2,465.12	1.50	-1.50	0.00
5,400.00	29.14	14.47	4,672.15	2,439.33	612.10	2,514.95	1.50	-1.50	0.00
5,500.00	27.64	14.47	4,760.12	2,485.36	623.98	2,562.49	1.50	-1.50	0.00
5,600.00	26.14	14.47	4,849.31	2,529.15	635.29	2,607.71	1.50	-1.50	0.00
5,700.00	24.64	14.47	4,939.65	2,570.66	646.00	2,650.58	1.50	-1.50	0.00
5,800.00	23.14	14.47	5,031.08	2,609.87	656.12	2,691.08	1.50	-1.50	0.00
5,801.00	23.12	14.47	5,032.00	2,610.24	656.22	2,691.47	1.50	-1.50	0.00
<b>Ohio Creek/MVRD</b>									
5,900.00	21.64	14.47	5,123.54	2,646.74	665.64	2,729.16	1.50	-1.50	0.00
6,000.00	20.14	14.47	5,216.97	2,681.26	674.55	2,764.81	1.50	-1.50	0.00
6,100.00	18.64	14.47	5,311.30	2,713.40	682.85	2,798.01	1.50	-1.50	0.00
6,200.00	17.14	14.47	5,406.46	2,743.14	690.53	2,828.72	1.50	-1.50	0.00
6,300.00	15.64	14.47	5,502.39	2,770.46	697.58	2,856.93	1.50	-1.50	0.00
6,400.00	14.14	14.47	5,599.03	2,795.34	704.00	2,882.62	1.50	-1.50	0.00
6,500.00	12.64	14.47	5,696.31	2,817.75	709.78	2,905.78	1.50	-1.50	0.00
6,600.00	11.14	14.47	5,794.17	2,837.70	714.93	2,926.37	1.50	-1.50	0.00
6,700.00	9.64	14.47	5,892.53	2,855.16	719.44	2,944.40	1.50	-1.50	0.00
6,800.00	8.14	14.47	5,991.32	2,870.12	723.30	2,959.85	1.50	-1.50	0.00
6,900.00	6.64	14.47	6,090.49	2,882.57	726.51	2,972.71	1.50	-1.50	0.00
7,000.00	5.14	14.47	6,189.96	2,892.50	729.08	2,982.97	1.50	-1.50	0.00
7,100.00	3.64	14.47	6,289.66	2,899.90	730.99	2,990.62	1.50	-1.50	0.00
7,200.00	2.14	14.47	6,389.53	2,904.78	732.25	2,995.65	1.50	-1.50	0.00
7,300.00	0.64	14.47	6,489.50	2,907.13	732.85	2,998.08	1.50	-1.50	0.00
7,342.50	0.00	0.00	6,532.00	2,907.35	732.91	2,998.31	1.50	-1.50	0.00
<b>Start 2437.00 hold at 7342.50 MD - Top Gas - RWF 324-1 BTV</b>									
7,400.00	0.00	0.00	6,589.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
7,500.00	0.00	0.00	6,689.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
7,600.00	0.00	0.00	6,789.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
7,700.00	0.00	0.00	6,889.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
7,800.00	0.00	0.00	6,989.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
7,900.00	0.00	0.00	7,089.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,000.00	0.00	0.00	7,189.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,100.00	0.00	0.00	7,289.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 324-1
<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 324-1	<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	7,389.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,300.00	0.00	0.00	7,489.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,400.00	0.00	0.00	7,589.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,500.00	0.00	0.00	7,689.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,600.00	0.00	0.00	7,789.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,700.00	0.00	0.00	7,889.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,800.00	0.00	0.00	7,989.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
8,802.50	0.00	0.00	7,992.00	2,907.35	732.91	2,998.31	0.00	0.00	0.00
Cameo									
8,900.00	0.00	0.00	8,089.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,000.00	0.00	0.00	8,189.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,100.00	0.00	0.00	8,289.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,200.00	0.00	0.00	8,389.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,300.00	0.00	0.00	8,489.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,400.00	0.00	0.00	8,589.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,500.00	0.00	0.00	8,689.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,600.00	0.00	0.00	8,789.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,629.50	0.00	0.00	8,819.00	2,907.35	732.91	2,998.31	0.00	0.00	0.00
Rollins									
9,700.00	0.00	0.00	8,889.50	2,907.35	732.91	2,998.31	0.00	0.00	0.00
9,779.50	0.00	0.00	8,969.00	2,907.35	732.91	2,998.31	0.00	0.00	0.00
TD at 9779.50 - RWF 324-1 BHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RWF 324-1 BTV - hit/miss target - Shape	0.00	0.00	6,532.00	2,907.35	732.91	1,633,722.70	2,340,514.00	39.5500453	-107.8389958
RWF 324-1 BHL - plan hits target center - Circle (radius 50.00) - Point	0.00	0.00	8,969.00	2,907.35	732.91	1,633,722.70	2,340,514.00	39.5500453	-107.8389958

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,000.00	987.12	9 5/8" Casing @ 1000' MD	9.62	12.25	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RWF 324-1
<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 324-1	<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 (°)
2,755.19	2,472.00	G Sand		0.00	0.00
2,875.80	2,572.00	G Sand Base		0.00	0.00
4,932.26	4,277.00	Lwr Wasatch		0.00	0.00
5,801.00	5,032.00	Ohio Creek/MVRD		0.00	0.00
7,342.50	6,532.00	Top Gas		0.00	0.00
8,802.50	7,992.00	Cameo		0.00	0.00
9,629.50	8,819.00	Rollins		0.00	0.00

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
140.00	140.00	0.00	0.00	Start Build 3.00
240.00	239.95	2.58	-0.45	Start 200.00 hold at 240.00 MD
440.00	439.68	12.89	-2.27	Start DLS 3.00 TFO 26.49
1,482.84	1,417.10	329.95	67.60	Start 3593.40 hold at 1482.84 MD
5,076.24	4,396.38	2,275.27	569.75	Start Drop -1.50
7,342.50	6,532.00	2,907.35	732.91	Start 2437.00 hold at 7342.50 MD
9,779.50	8,969.00	2,907.35	732.91	TD at 9779.50