

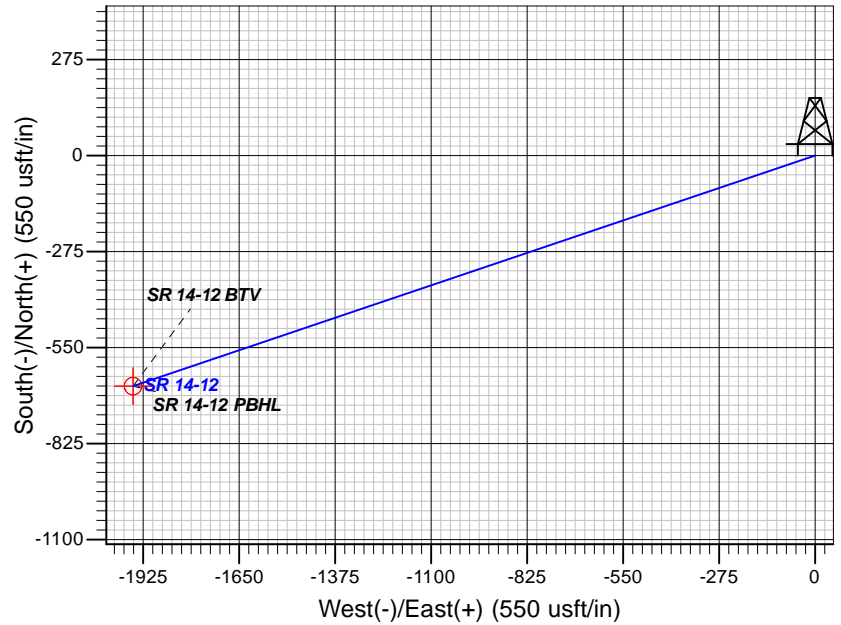
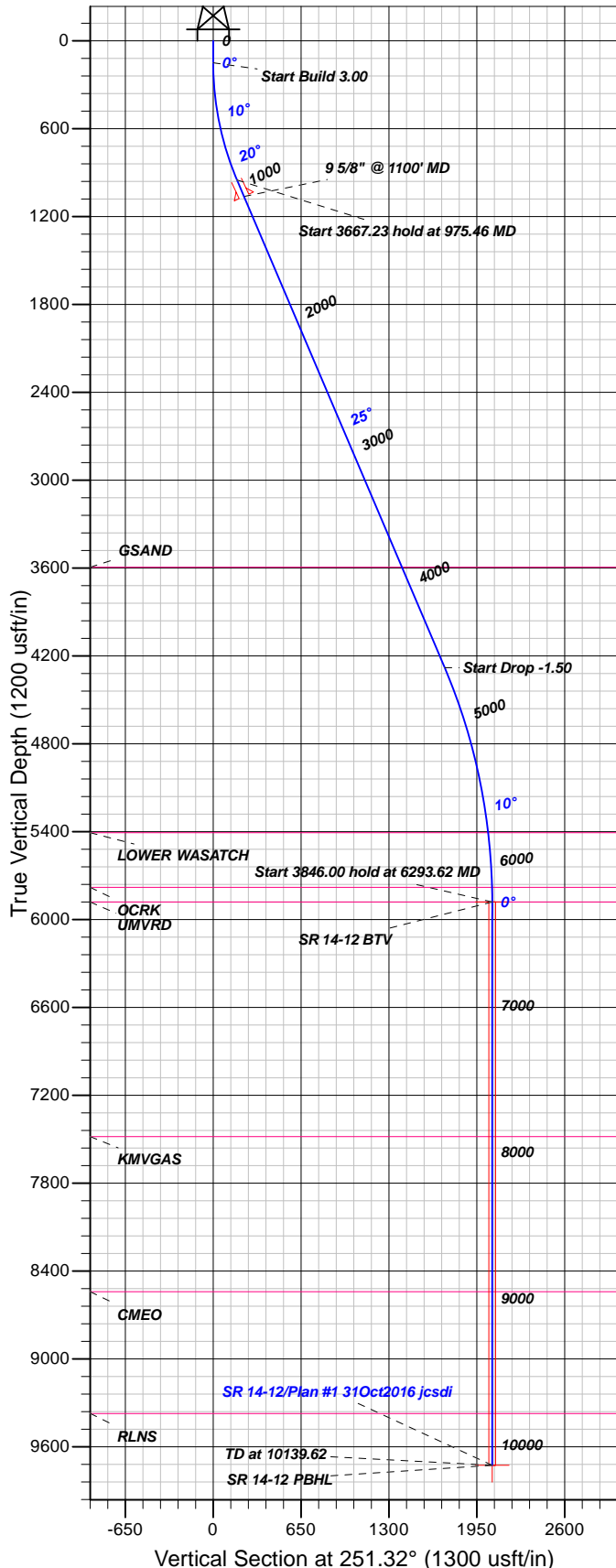
## Well Details: SR 14-12

GL 7478' & RKB 24' @ 7502.00usft (H&P 318)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597668.10	2340258.00	39.4510742	-107.8366150	SR 14-12 (B8)

**T M** Azimuths to True North  
Magnetic North: 9.33°

Magnetic Field  
Strength: 51769.0snT  
Dip Angle: 65.68°  
Date: 10/31/2016  
Model: HDGM



### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3594.00	3887.22	GSAND
5407.00	5819.40	LOWER WASATCH
5780.00	6193.60	OCRK
5880.00	6293.62	UMVRD
7482.00	7895.62	KMGAS
8542.00	8955.62	CMEQ
9373.00	9786.62	RLNS

Plan: Plan #1 31Oct2016 jcsdi

9:28, November 03 2016  
Created By: Janie Collins

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
1063.09	1100.00	9 5/8" @ 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	975.46	24.76	251.32	950.00	-56.24	-166.38	3.00	251.32	175.63	
4	4642.69	24.76	251.32	4280.00	-548.19	-1621.60	0.00	0.00	1711.75	
5	6293.62	0.00	0.00	5880.00	-660.68	-1954.36	1.50	180.00	2063.01	SR 14-12 BTV
6	10139.62	0.00	0.00	9726.00	-660.68	-1954.36	0.00	0.00	2063.01	SR 14-12 PBHL

### DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SR 14-12 BTV	5880.00	-660.68	-1954.36	1597057.90	2338287.30	39.4492601	-107.8435359	Circle (Radius: 25.00)
- plan hits target center								
SR 14-12 PBHL	9726.00	-660.68	-1954.36	1597057.90	2338287.30	39.4492601	-107.8435359	Point
- plan hits target center								



# **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**SR 23-12 Pad**

**SR 14-12 - Slot SR 14-12 (B8)**

**OH**

**Plan: Plan #1 31Oct2016 jcsdi**

## **Standard Planning Report**

**03 November, 2016**



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 14-12 - Slot SR 14-12 (B8)
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Site:</b>	SR 23-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 14-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 31Oct2016 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		

<b>Site</b>	SR 23-12 Pad			
<b>Site Position:</b>		<b>Northing:</b>	1,597,713.40 usft	<b>Latitude:</b> 39.4511965
<b>From:</b> Map		<b>Easting:</b>	2,340,229.70 usft	<b>Longitude:</b> -107.8367194
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.20 in	<b>Grid Convergence:</b> -1.47 °

<b>Well</b>	SR 14-12 - Slot SR 14-12 (B8)			
<b>Well Position</b>	<b>+N/-S</b>	-44.56 usft	<b>Northing:</b>	1,597,668.10 usft
	<b>+E/-W</b>	29.46 usft	<b>Easting:</b>	2,340,258.00 usft
<b>Position Uncertainty</b>	0.00 usft		<b>Wellhead Elevation:</b>	0.00 usft
			<b>Ground Level:</b>	7,478.00 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>
	HDGM	10/31/2016	9.33	65.68	51,769

<b>Design</b>	Plan #1 31Oct2016 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	251.32

<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	
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	
975.46	24.76	251.32	950.00	-56.24	-166.38	3.00	3.00	0.00	251.32	
4,642.69	24.76	251.32	4,280.00	-548.19	-1,621.60	0.00	0.00	0.00	0.00	
6,293.62	0.00	0.00	5,880.00	-660.68	-1,954.36	1.50	-1.50	0.00	180.00	SR 14-12 BTV
10,139.62	0.00	0.00	9,726.00	-660.68	-1,954.36	0.00	0.00	0.00	0.00	SR 14-12 PBHL

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 14-12 - Slot SR 14-12 (B8)
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Site:</b>	SR 23-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 14-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 31Oct2016 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	
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	1.50	251.32	199.99	-0.21	-0.62	0.65	3.00	3.00	0.00	
300.00	4.50	251.32	299.85	-1.89	-5.58	5.89	3.00	3.00	0.00	
400.00	7.50	251.32	399.29	-5.23	-15.48	16.34	3.00	3.00	0.00	
500.00	10.50	251.32	498.04	-10.24	-30.30	31.98	3.00	3.00	0.00	
600.00	13.50	251.32	595.85	-16.90	-49.99	52.77	3.00	3.00	0.00	
700.00	16.50	251.32	692.43	-25.19	-74.51	78.65	3.00	3.00	0.00	
800.00	19.50	251.32	787.52	-35.08	-103.78	109.55	3.00	3.00	0.00	
900.00	22.50	251.32	880.87	-46.56	-137.72	145.38	3.00	3.00	0.00	
975.46	24.76	251.32	950.00	-56.24	-166.38	175.63	3.00	3.00	0.00	
1,000.00	24.76	251.32	972.28	-59.54	-176.11	185.91	0.00	0.00	0.00	
1,100.00	24.76	251.32	1,063.09	-72.95	-215.80	227.79	0.00	0.00	0.00	
9 5/8" @ 1100' MD										
1,200.00	24.76	251.32	1,153.89	-86.37	-255.48	269.68	0.00	0.00	0.00	
1,300.00	24.76	251.32	1,244.69	-99.78	-295.16	311.57	0.00	0.00	0.00	
1,400.00	24.76	251.32	1,335.50	-113.20	-334.84	353.46	0.00	0.00	0.00	
1,500.00	24.76	251.32	1,426.30	-126.61	-374.52	395.35	0.00	0.00	0.00	
1,600.00	24.76	251.32	1,517.11	-140.02	-414.21	437.23	0.00	0.00	0.00	
1,700.00	24.76	251.32	1,607.91	-153.44	-453.89	479.12	0.00	0.00	0.00	
1,800.00	24.76	251.32	1,698.72	-166.85	-493.57	521.01	0.00	0.00	0.00	
1,900.00	24.76	251.32	1,789.52	-180.27	-533.25	562.90	0.00	0.00	0.00	
2,000.00	24.76	251.32	1,880.32	-193.68	-572.93	604.78	0.00	0.00	0.00	
2,100.00	24.76	251.32	1,971.13	-207.10	-612.61	646.67	0.00	0.00	0.00	
2,200.00	24.76	251.32	2,061.93	-220.51	-652.30	688.56	0.00	0.00	0.00	
2,300.00	24.76	251.32	2,152.74	-233.93	-691.98	730.45	0.00	0.00	0.00	
2,400.00	24.76	251.32	2,243.54	-247.34	-731.66	772.34	0.00	0.00	0.00	
2,500.00	24.76	251.32	2,334.35	-260.76	-771.34	814.22	0.00	0.00	0.00	
2,600.00	24.76	251.32	2,425.15	-274.17	-811.02	856.11	0.00	0.00	0.00	
2,700.00	24.76	251.32	2,515.95	-287.59	-850.71	898.00	0.00	0.00	0.00	
2,800.00	24.76	251.32	2,606.76	-301.00	-890.39	939.89	0.00	0.00	0.00	
2,900.00	24.76	251.32	2,697.56	-314.41	-930.07	981.78	0.00	0.00	0.00	
3,000.00	24.76	251.32	2,788.37	-327.83	-969.75	1,023.66	0.00	0.00	0.00	
3,100.00	24.76	251.32	2,879.17	-341.24	-1,009.43	1,065.55	0.00	0.00	0.00	
3,200.00	24.76	251.32	2,969.97	-354.66	-1,049.11	1,107.44	0.00	0.00	0.00	
3,300.00	24.76	251.32	3,060.78	-368.07	-1,088.80	1,149.33	0.00	0.00	0.00	
3,400.00	24.76	251.32	3,151.58	-381.49	-1,128.48	1,191.22	0.00	0.00	0.00	
3,500.00	24.76	251.32	3,242.39	-394.90	-1,168.16	1,233.10	0.00	0.00	0.00	
3,600.00	24.76	251.32	3,333.19	-408.32	-1,207.84	1,274.99	0.00	0.00	0.00	
3,700.00	24.76	251.32	3,424.00	-421.73	-1,247.52	1,316.88	0.00	0.00	0.00	
3,800.00	24.76	251.32	3,514.80	-435.15	-1,287.21	1,358.77	0.00	0.00	0.00	
3,887.22	24.76	251.32	3,594.00	-446.85	-1,321.82	1,395.30	0.00	0.00	0.00	
GSAND										
3,900.00	24.76	251.32	3,605.60	-448.56	-1,326.89	1,400.66	0.00	0.00	0.00	
4,000.00	24.76	251.32	3,696.41	-461.98	-1,366.57	1,442.54	0.00	0.00	0.00	
4,100.00	24.76	251.32	3,787.21	-475.39	-1,406.25	1,484.43	0.00	0.00	0.00	
4,200.00	24.76	251.32	3,878.02	-488.81	-1,445.93	1,526.32	0.00	0.00	0.00	
4,300.00	24.76	251.32	3,968.82	-502.22	-1,485.61	1,568.21	0.00	0.00	0.00	
4,400.00	24.76	251.32	4,059.62	-515.63	-1,525.30	1,610.10	0.00	0.00	0.00	
4,500.00	24.76	251.32	4,150.43	-529.05	-1,564.98	1,651.98	0.00	0.00	0.00	
4,600.00	24.76	251.32	4,241.23	-542.46	-1,604.66	1,693.87	0.00	0.00	0.00	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 14-12 - Slot SR 14-12 (B8)
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Site:</b>	SR 23-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 14-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 31Oct2016 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)
4,642.69	24.76	251.32	4,280.00	-548.19	-1,621.60	1,711.75	0.00	0.00	0.00
4,700.00	23.90	251.32	4,332.22	-555.75	-1,643.97	1,735.37	1.50	-1.50	0.00
4,800.00	22.40	251.32	4,424.16	-568.35	-1,681.22	1,774.69	1.50	-1.50	0.00
4,900.00	20.90	251.32	4,517.10	-580.16	-1,716.18	1,811.59	1.50	-1.50	0.00
5,000.00	19.40	251.32	4,610.97	-591.20	-1,748.82	1,846.04	1.50	-1.50	0.00
5,100.00	17.90	251.32	4,705.72	-601.44	-1,779.12	1,878.03	1.50	-1.50	0.00
5,200.00	16.40	251.32	4,801.26	-610.88	-1,807.06	1,907.52	1.50	-1.50	0.00
5,300.00	14.90	251.32	4,897.55	-619.53	-1,832.62	1,934.50	1.50	-1.50	0.00
5,400.00	13.40	251.32	4,994.51	-627.36	-1,855.78	1,958.95	1.50	-1.50	0.00
5,500.00	11.90	251.32	5,092.08	-634.37	-1,876.53	1,980.86	1.50	-1.50	0.00
5,600.00	10.40	251.32	5,190.19	-640.57	-1,894.86	2,000.20	1.50	-1.50	0.00
5,700.00	8.90	251.32	5,288.77	-645.94	-1,910.75	2,016.97	1.50	-1.50	0.00
5,800.00	7.40	251.32	5,387.76	-650.48	-1,924.18	2,031.16	1.50	-1.50	0.00
5,819.40	7.11	251.32	5,407.00	-651.26	-1,926.50	2,033.61	1.50	-1.50	0.00
<b>LOWER WASATCH</b>									
5,900.00	5.90	251.32	5,487.08	-654.19	-1,935.16	2,042.75	1.50	-1.50	0.00
6,000.00	4.40	251.32	5,586.67	-657.07	-1,943.67	2,051.73	1.50	-1.50	0.00
6,100.00	2.90	251.32	5,686.47	-659.11	-1,949.71	2,058.10	1.50	-1.50	0.00
6,193.60	1.50	251.32	5,780.00	-660.26	-1,953.12	2,061.70	1.50	-1.50	0.00
<b>OCRK</b>									
6,200.00	1.40	251.32	5,786.39	-660.31	-1,953.27	2,061.86	1.50	-1.50	0.00
6,293.62	0.00	0.00	5,880.00	-660.68	-1,954.36	2,063.01	1.50	-1.50	0.00
<b>UMVRD - SR 14-12 BTV</b>									
6,300.00	0.00	0.00	5,886.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
6,400.00	0.00	0.00	5,986.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
6,500.00	0.00	0.00	6,086.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
6,600.00	0.00	0.00	6,186.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
6,700.00	0.00	0.00	6,286.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
6,800.00	0.00	0.00	6,386.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
6,900.00	0.00	0.00	6,486.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,000.00	0.00	0.00	6,586.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,100.00	0.00	0.00	6,686.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,200.00	0.00	0.00	6,786.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,300.00	0.00	0.00	6,886.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,400.00	0.00	0.00	6,986.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,500.00	0.00	0.00	7,086.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,600.00	0.00	0.00	7,186.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,700.00	0.00	0.00	7,286.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,800.00	0.00	0.00	7,386.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
7,895.62	0.00	0.00	7,482.00	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
<b>KMVGAS</b>									
7,900.00	0.00	0.00	7,486.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,000.00	0.00	0.00	7,586.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,100.00	0.00	0.00	7,686.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,200.00	0.00	0.00	7,786.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,300.00	0.00	0.00	7,886.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,400.00	0.00	0.00	7,986.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,500.00	0.00	0.00	8,086.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,600.00	0.00	0.00	8,186.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,700.00	0.00	0.00	8,286.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,800.00	0.00	0.00	8,386.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
8,900.00	0.00	0.00	8,486.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 14-12 - Slot SR 14-12 (B8)
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Site:</b>	SR 23-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 14-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 31Oct2016 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)
8,955.62	0.00	0.00	8,542.00	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
<b>CME0</b>									
9,000.00	0.00	0.00	8,586.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,100.00	0.00	0.00	8,686.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,200.00	0.00	0.00	8,786.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,300.00	0.00	0.00	8,886.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,400.00	0.00	0.00	8,986.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,500.00	0.00	0.00	9,086.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,600.00	0.00	0.00	9,186.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,700.00	0.00	0.00	9,286.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,786.62	0.00	0.00	9,373.00	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
<b>RLNS</b>									
9,800.00	0.00	0.00	9,386.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
9,900.00	0.00	0.00	9,486.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
10,000.00	0.00	0.00	9,586.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
10,100.00	0.00	0.00	9,686.38	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
10,139.62	0.00	0.00	9,726.00	-660.68	-1,954.36	2,063.01	0.00	0.00	0.00
<b>SR 14-12 PBHL</b>									

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SR 14-12 BTV - plan hits target center - Circle (radius 25.00)	0.00	0.00	5,880.00	-660.68	-1,954.36	1,597,057.90	2,338,287.30	39.4492601	-107.8435359
SR 14-12 PBHL - plan hits target center - Point	0.00	0.00	9,726.00	-660.68	-1,954.36	1,597,057.90	2,338,287.30	39.4492601	-107.8435359

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,100.00	1,063.09	9 5/8" @ 1100' MD	9.62	9.62	

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<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7478' & RKB 24' @ 7502.00usft (H&P 318)
<b>Site:</b>	SR 23-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 14-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 31Oct2016 jcsdi		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,887.22	3,594.00	GSAND		0.00	0.00	
5,819.40	5,407.00	LOWER WASATCH		0.00	0.00	
6,193.60	5,780.00	OCRK		0.00	0.00	
6,293.62	5,880.00	UMVRD		0.00	0.00	
7,895.62	7,482.00	KMVGAS		0.00	0.00	
8,955.62	8,542.00	CMEO		0.00	0.00	
9,786.62	9,373.00	RLNS		0.00	0.00	