

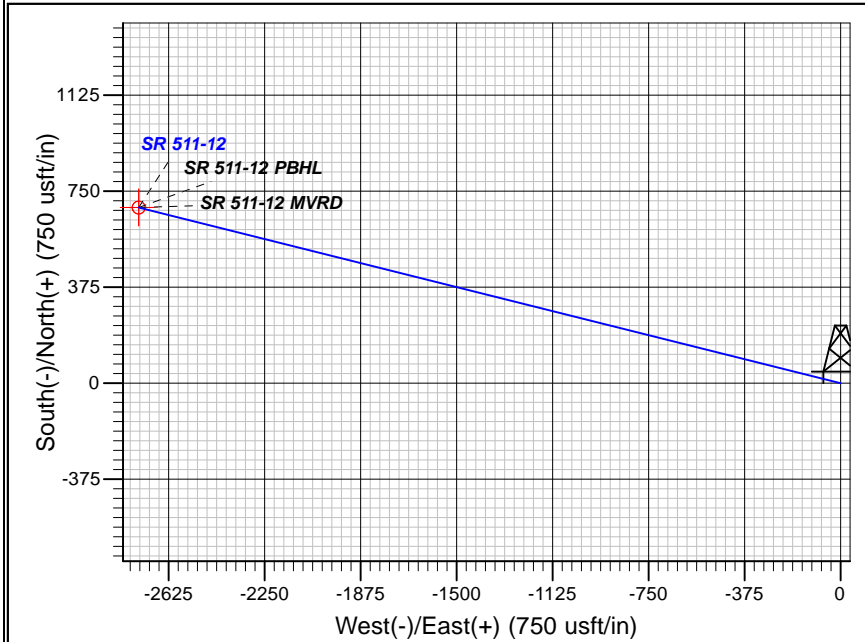
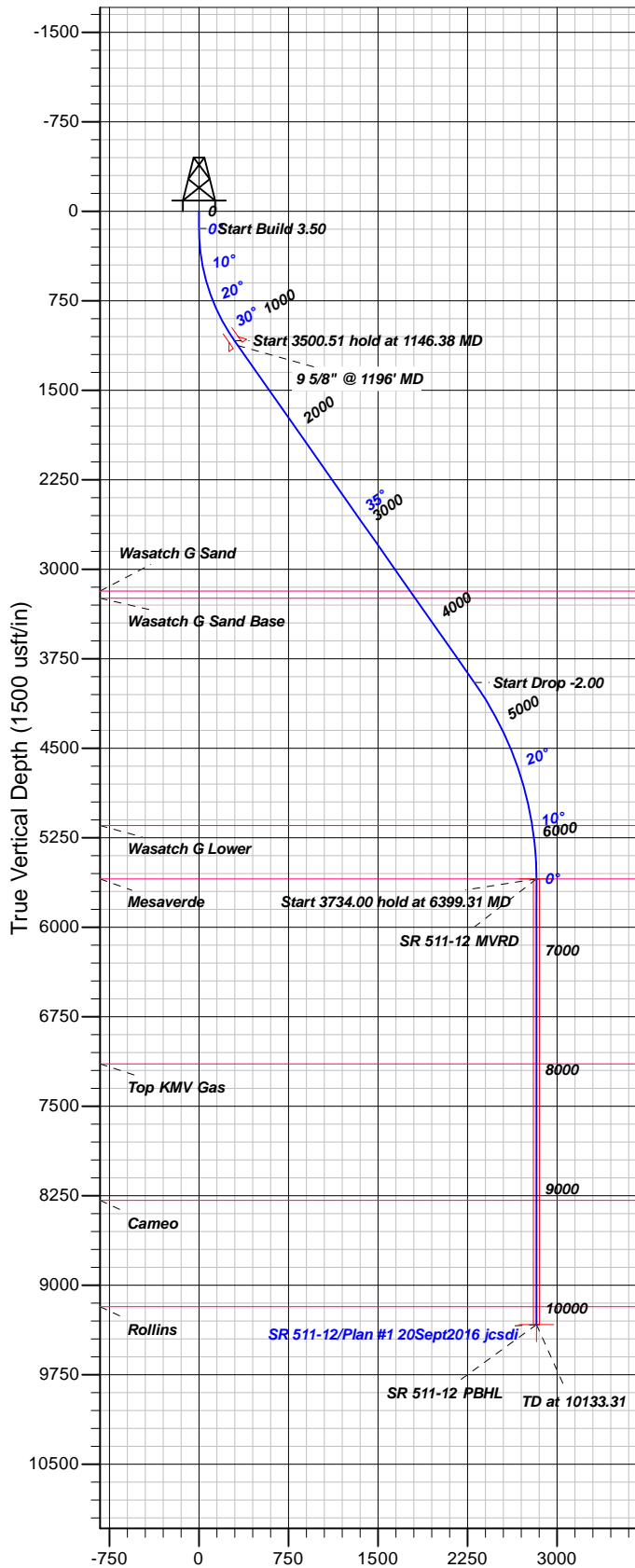
## Well Details: SR 511-12

GL 7254' & RKB 24' @ 7278.00usft (H&P 318)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1599204.50	2341071.70	39.4553483	-107.8338742	B8

**T M** Azimuths to True North  
Magnetic North: 9.60°

Magnetic Field  
Strength: 51598.3snT  
Dip Angle: 65.62°  
Date: 9/19/2016  
Model: BGGM2016



### FORMATION TOP DETAILS

TVDP	MD	Formation
3184.00	3710.20	Wasatch G Sand
3244.00	3783.49	Wasatch G Sand Base
5148.00	5949.47	Wasatch G Lower
5596.00	6399.31	Mesaverde
7146.00	7949.31	Top KMV Gas
8290.00	9093.31	Cameo
9180.00	9983.31	Rollins

Plan: Plan #1 20Sept2016 jcsdi

18:48, September 20 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
1125.71	1196.00	9 5/8" @ 1196' MD	9.62

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	145.00	0.00	0.00	145.00	0.00	0.00	0.00	0.00	0.00	
3	1146.38	35.05	284.05	1085.09	72.05	-287.97	3.50	284.05	296.85	
4	4646.89	35.05	284.05	3950.84	560.00	-2238.08	0.00	0.00	2307.08	
5	6399.31	0.00	0.00	5596.00	686.09	-2742.03	2.00	180.00	2826.56	SR 511-12 MVRD
6	10133.31	0.00	0.00	9330.00	686.09	-2742.03	0.00	0.00	2826.56	SR 511-12 PBHL

### DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SR 511-12 MVRD	5596.00	686.09	-2742.03	1599960.80	2338348.20	39.4572316	-107.8435854	Circle (Radius: 25.00)
- plan hits target center								
SR 511-12 PBHL	9330.00	686.09	-2742.03	1599960.80	2338348.20	39.4572316	-107.8435854	Point
- plan hits target center								



## **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**RU 32-12 Pad**

**SR 511-12 - Slot B8**

**OH**

**Plan: Plan #1 20Sept2016 jcsdi**

## **Standard Planning Report**

**20 September, 2016**



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 511-12 - Slot B8
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Site:</b>	RU 32-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 511-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 20Sept2016 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>	RU 32-12 Pad			
<b>Site Position:</b>		<b>Northing:</b>	1,599,253.30 usft	<b>Latitude:</b> 39.4554808
<b>From:</b> Map		<b>Easting:</b>	2,341,050.00 usft	<b>Longitude:</b> -107.8339555
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.20 in	<b>Grid Convergence:</b> -1.47 °

<b>Well</b>	SR 511-12 - Slot B8			
<b>Well Position</b>	<b>+N/-S</b>	-48.23 usft	<b>Northing:</b>	1,599,204.50 usft
	<b>+E/-W</b>	22.95 usft	<b>Easting:</b>	2,341,071.70 usft
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	0.00 usft
			<b>Ground Level:</b>	7,254.00 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>
	BGGM2016	9/19/2016	9.60	65.62	51,598

<b>Design</b>	Plan #1 20Sept2016 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	284.05

<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	
145.00	0.00	0.00	145.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,146.38	35.05	284.05	1,085.09	72.05	-287.97	3.50	3.50	0.00	284.05	
4,646.89	35.05	284.05	3,950.84	560.00	-2,238.08	0.00	0.00	0.00	0.00	
6,399.31	0.00	0.00	5,596.00	686.09	-2,742.03	2.00	-2.00	0.00	180.00	SR 511-12 MVRD
10,133.31	0.00	0.00	9,330.00	686.09	-2,742.03	0.00	0.00	0.00	0.00	SR 511-12 PBHL

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 511-12 - Slot B8
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Site:</b>	RU 32-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 511-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 20Sept2016 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	
145.00	0.00	0.00	145.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	1.93	284.05	199.99	0.22	-0.90	0.92	3.50	3.50	0.00	
300.00	5.43	284.05	299.77	1.78	-7.11	7.33	3.50	3.50	0.00	
400.00	8.93	284.05	398.97	4.81	-19.23	19.82	3.50	3.50	0.00	
500.00	12.43	284.05	497.22	9.31	-37.19	38.34	3.50	3.50	0.00	
600.00	15.93	284.05	594.16	15.25	-60.95	62.83	3.50	3.50	0.00	
700.00	19.43	284.05	689.43	22.62	-90.40	93.18	3.50	3.50	0.00	
800.00	22.93	284.05	782.66	31.38	-125.43	129.30	3.50	3.50	0.00	
900.00	26.43	284.05	873.52	41.52	-165.92	171.04	3.50	3.50	0.00	
1,000.00	29.93	284.05	961.65	52.98	-211.72	218.25	3.50	3.50	0.00	
1,100.00	33.43	284.05	1,046.75	65.72	-262.65	270.75	3.50	3.50	0.00	
1,146.38	35.05	284.05	1,085.09	72.05	-287.97	296.85	3.50	3.50	0.00	
1,196.00	35.05	284.05	1,125.71	78.97	-315.61	325.34	0.00	0.00	0.00	
<b>9 5/8" @ 1196' MD</b>										
1,200.00	35.05	284.05	1,128.98	79.53	-317.84	327.64	0.00	0.00	0.00	
1,300.00	35.05	284.05	1,210.85	93.47	-373.55	385.06	0.00	0.00	0.00	
1,400.00	35.05	284.05	1,292.72	107.41	-429.26	442.49	0.00	0.00	0.00	
1,500.00	35.05	284.05	1,374.58	121.34	-484.97	499.92	0.00	0.00	0.00	
1,600.00	35.05	284.05	1,456.45	135.28	-540.68	557.34	0.00	0.00	0.00	
1,700.00	35.05	284.05	1,538.32	149.22	-596.39	614.77	0.00	0.00	0.00	
1,800.00	35.05	284.05	1,620.18	163.16	-652.09	672.20	0.00	0.00	0.00	
1,900.00	35.05	284.05	1,702.05	177.10	-707.80	729.62	0.00	0.00	0.00	
2,000.00	35.05	284.05	1,783.92	191.04	-763.51	787.05	0.00	0.00	0.00	
2,100.00	35.05	284.05	1,865.78	204.98	-819.22	844.48	0.00	0.00	0.00	
2,200.00	35.05	284.05	1,947.65	218.92	-874.93	901.91	0.00	0.00	0.00	
2,300.00	35.05	284.05	2,029.52	232.86	-930.64	959.33	0.00	0.00	0.00	
2,400.00	35.05	284.05	2,111.38	246.80	-986.35	1,016.76	0.00	0.00	0.00	
2,500.00	35.05	284.05	2,193.25	260.74	-1,042.06	1,074.19	0.00	0.00	0.00	
2,600.00	35.05	284.05	2,275.12	274.68	-1,097.77	1,131.61	0.00	0.00	0.00	
2,700.00	35.05	284.05	2,356.98	288.62	-1,153.48	1,189.04	0.00	0.00	0.00	
2,800.00	35.05	284.05	2,438.85	302.55	-1,209.19	1,246.47	0.00	0.00	0.00	
2,900.00	35.05	284.05	2,520.72	316.49	-1,264.90	1,303.89	0.00	0.00	0.00	
3,000.00	35.05	284.05	2,602.58	330.43	-1,320.61	1,361.32	0.00	0.00	0.00	
3,100.00	35.05	284.05	2,684.45	344.37	-1,376.32	1,418.75	0.00	0.00	0.00	
3,200.00	35.05	284.05	2,766.32	358.31	-1,432.03	1,476.17	0.00	0.00	0.00	
3,300.00	35.05	284.05	2,848.18	372.25	-1,487.74	1,533.60	0.00	0.00	0.00	
3,400.00	35.05	284.05	2,930.05	386.19	-1,543.45	1,591.03	0.00	0.00	0.00	
3,500.00	35.05	284.05	3,011.92	400.13	-1,599.16	1,648.45	0.00	0.00	0.00	
3,600.00	35.05	284.05	3,093.79	414.07	-1,654.87	1,705.88	0.00	0.00	0.00	
3,700.00	35.05	284.05	3,175.65	428.01	-1,710.57	1,763.31	0.00	0.00	0.00	
3,710.20	35.05	284.05	3,184.00	429.43	-1,716.26	1,769.16	0.00	0.00	0.00	
<b>Wasatch G Sand</b>										
3,783.49	35.05	284.05	3,244.00	439.64	-1,757.08	1,811.25	0.00	0.00	0.00	
<b>Wasatch G Sand Base</b>										
3,800.00	35.05	284.05	3,257.52	441.95	-1,766.28	1,820.74	0.00	0.00	0.00	
3,900.00	35.05	284.05	3,339.39	455.89	-1,821.99	1,878.16	0.00	0.00	0.00	
4,000.00	35.05	284.05	3,421.25	469.83	-1,877.70	1,935.59	0.00	0.00	0.00	
4,100.00	35.05	284.05	3,503.12	483.76	-1,933.41	1,993.02	0.00	0.00	0.00	
4,200.00	35.05	284.05	3,584.99	497.70	-1,989.12	2,050.44	0.00	0.00	0.00	
4,300.00	35.05	284.05	3,666.85	511.64	-2,044.83	2,107.87	0.00	0.00	0.00	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 511-12 - Slot B8
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Site:</b>	RU 32-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 511-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 20Sept2016 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)
4,400.00	35.05	284.05	3,748.72	525.58	-2,100.54	2,165.30	0.00	0.00	0.00
4,500.00	35.05	284.05	3,830.59	539.52	-2,156.25	2,222.72	0.00	0.00	0.00
4,600.00	35.05	284.05	3,912.45	553.46	-2,211.96	2,280.15	0.00	0.00	0.00
4,646.89	35.05	284.05	3,950.84	560.00	-2,238.08	2,307.08	0.00	0.00	0.00
4,700.00	33.99	284.05	3,994.60	567.30	-2,267.28	2,337.17	2.00	-2.00	0.00
4,800.00	31.99	284.05	4,078.47	580.52	-2,320.09	2,391.61	2.00	-2.00	0.00
4,900.00	29.99	284.05	4,164.20	593.01	-2,370.03	2,443.09	2.00	-2.00	0.00
5,000.00	27.99	284.05	4,251.67	604.77	-2,417.04	2,491.55	2.00	-2.00	0.00
5,100.00	25.99	284.05	4,340.78	615.79	-2,461.06	2,536.93	2.00	-2.00	0.00
5,200.00	23.99	284.05	4,431.41	626.04	-2,502.03	2,579.16	2.00	-2.00	0.00
5,300.00	21.99	284.05	4,523.47	635.52	-2,539.91	2,618.21	2.00	-2.00	0.00
5,400.00	19.99	284.05	4,616.83	644.21	-2,574.66	2,654.03	2.00	-2.00	0.00
5,500.00	17.99	284.05	4,711.38	652.11	-2,606.21	2,686.56	2.00	-2.00	0.00
5,600.00	15.99	284.05	4,807.02	659.20	-2,634.55	2,715.77	2.00	-2.00	0.00
5,700.00	13.99	284.05	4,903.61	665.48	-2,659.64	2,741.63	2.00	-2.00	0.00
5,800.00	11.99	284.05	5,001.05	670.93	-2,681.44	2,764.10	2.00	-2.00	0.00
5,900.00	9.99	284.05	5,099.21	675.56	-2,699.92	2,783.16	2.00	-2.00	0.00
5,949.47	9.00	284.05	5,148.00	677.54	-2,707.84	2,791.31	2.00	-2.00	0.00
<b>Wasatch G Lower</b>									
6,000.00	7.99	284.05	5,197.98	679.35	-2,715.08	2,798.78	2.00	-2.00	0.00
6,100.00	5.99	284.05	5,297.23	682.30	-2,726.87	2,810.94	2.00	-2.00	0.00
6,200.00	3.99	284.05	5,396.85	684.41	-2,735.31	2,819.63	2.00	-2.00	0.00
6,300.00	1.99	284.05	5,496.71	685.67	-2,740.36	2,824.84	2.00	-2.00	0.00
6,399.31	0.00	0.00	5,596.00	686.09	-2,742.03	2,826.56	2.00	-2.00	0.00
<b>Mesaverde - SR 511-12 MVRD</b>									
6,400.00	0.00	0.00	5,596.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
6,500.00	0.00	0.00	5,696.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
6,600.00	0.00	0.00	5,796.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
6,700.00	0.00	0.00	5,896.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
6,800.00	0.00	0.00	5,996.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
6,900.00	0.00	0.00	6,096.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,000.00	0.00	0.00	6,196.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,100.00	0.00	0.00	6,296.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,200.00	0.00	0.00	6,396.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,300.00	0.00	0.00	6,496.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,400.00	0.00	0.00	6,596.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,500.00	0.00	0.00	6,696.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,600.00	0.00	0.00	6,796.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,700.00	0.00	0.00	6,896.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,800.00	0.00	0.00	6,996.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,900.00	0.00	0.00	7,096.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
7,949.31	0.00	0.00	7,146.00	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
<b>Top KMV Gas</b>									
8,000.00	0.00	0.00	7,196.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,100.00	0.00	0.00	7,296.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,200.00	0.00	0.00	7,396.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,300.00	0.00	0.00	7,496.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,400.00	0.00	0.00	7,596.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,500.00	0.00	0.00	7,696.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,600.00	0.00	0.00	7,796.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00
8,700.00	0.00	0.00	7,896.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 511-12 - Slot B8
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Site:</b>	RU 32-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 511-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 20Sept2016 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)	
8,800.00	0.00	0.00	7,996.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
8,900.00	0.00	0.00	8,096.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,000.00	0.00	0.00	8,196.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,093.31	0.00	0.00	8,290.00	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
Cameo										
9,100.00	0.00	0.00	8,296.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,200.00	0.00	0.00	8,396.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,300.00	0.00	0.00	8,496.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,400.00	0.00	0.00	8,596.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,500.00	0.00	0.00	8,696.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,600.00	0.00	0.00	8,796.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,700.00	0.00	0.00	8,896.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,800.00	0.00	0.00	8,996.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,900.00	0.00	0.00	9,096.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
9,983.31	0.00	0.00	9,180.00	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
Rollins										
10,000.00	0.00	0.00	9,196.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
10,100.00	0.00	0.00	9,296.69	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
10,133.31	0.00	0.00	9,330.00	686.09	-2,742.03	2,826.56	0.00	0.00	0.00	
SR 511-12 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									
SR 511-12 MVRD	0.00	0.00	5,596.00	686.09	-2,742.03	1,599,960.80	2,338,348.20	39.4572316	-107.8435855
- plan hits target center									
- Circle (radius 25.00)									
SR 511-12 PBHL	0.00	0.00	9,330.00	686.09	-2,742.03	1,599,960.80	2,338,348.20	39.4572316	-107.8435855
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,196.00	1,125.71	9 5/8" @ 1196' MD	9.62	9.62	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well SR 511-12 - Slot B8
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7254' & RKB 24' @ 7278.00usft (H&P 318)
<b>Site:</b>	RU 32-12 Pad	<b>North Reference:</b>	True
<b>Well:</b>	SR 511-12	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #1 20Sept2016 jcsdi		

Formations						
	Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
	3,710.20	3,184.00	Wasatch G Sand		0.00	0.00
	3,783.49	3,244.00	Wasatch G Sand Base		0.00	0.00
	5,949.47	5,148.00	Wasatch G Lower		0.00	0.00
	6,399.31	5,596.00	Mesaverde		0.00	0.00
	7,949.31	7,146.00	Top KMV Gas		0.00	0.00
	9,093.31	8,290.00	Cameo		0.00	0.00
	9,983.31	9,180.00	Rollins		0.00	0.00