



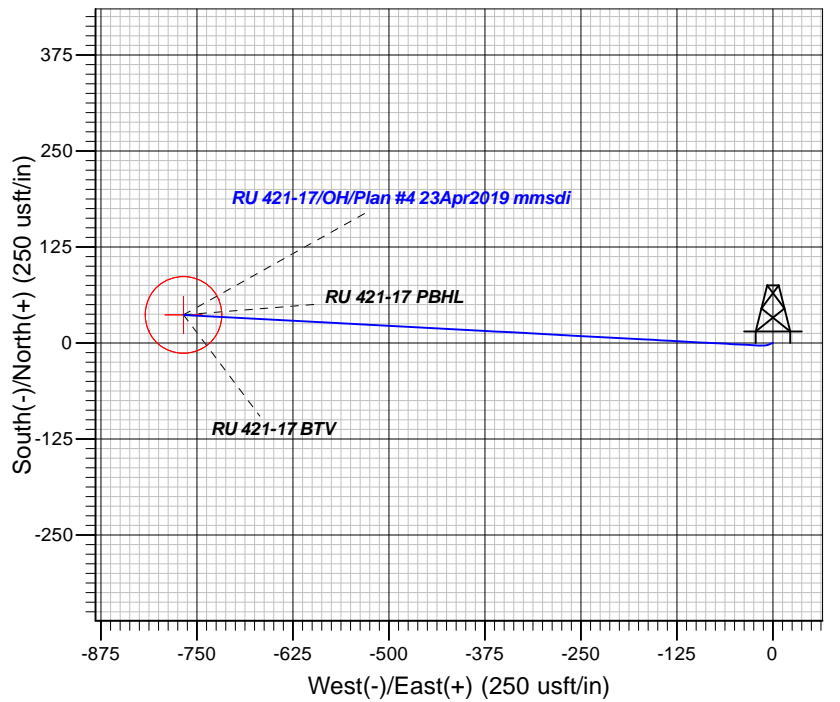
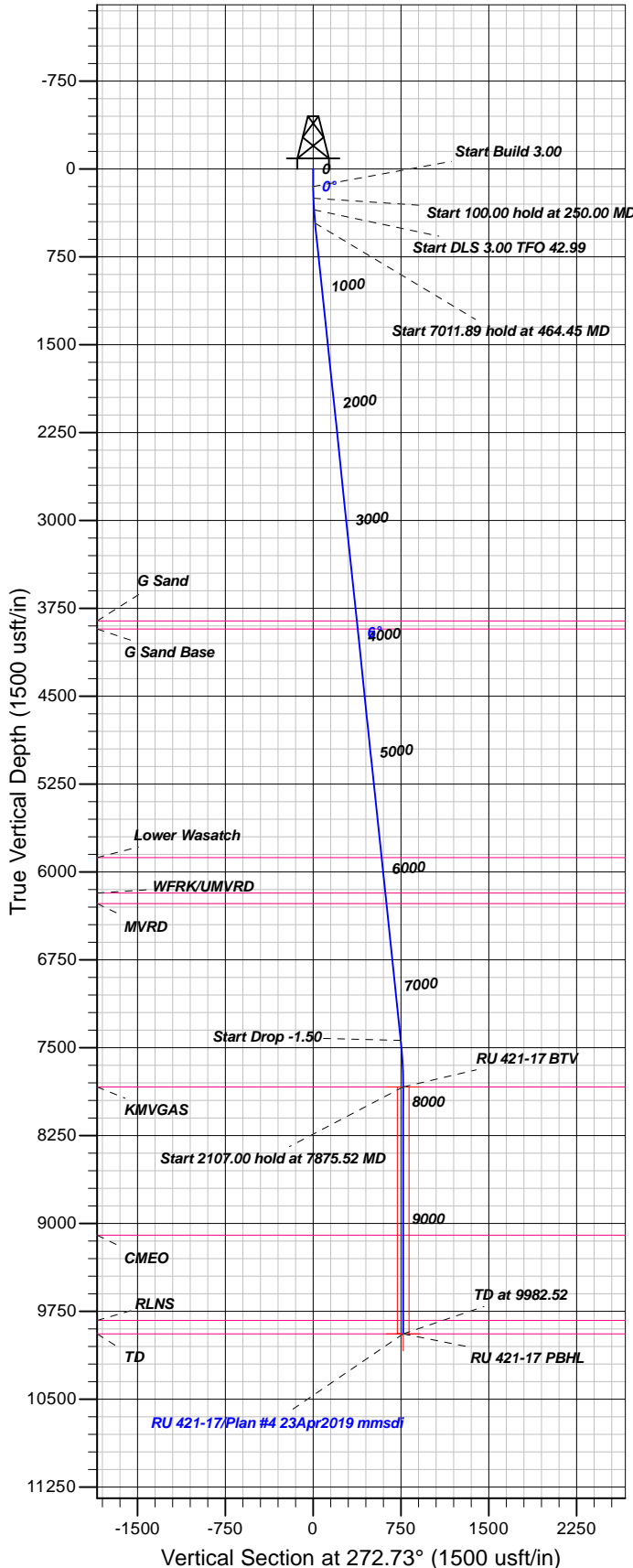
Azimuths to True North  
Magnetic North: 9.30°

Magnetic Field  
Strength: 51715.5snT  
Dip Angle: 65.63°  
Date: 2/9/2017  
Model: HDGM

## Well Details: RU 421-17

GL 7864' & RKB 24' @ 7888.00usft (H&P 318)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1596965.30	2351766.90	39.4499508	-107.7958085	RU 421-17



## FORMATION TOP DETAILS

TVDPth	MDPath	Formation
3857.00	3876.15	G Sand
3927.00	3946.54	G Sand Base
5878.00	5908.24	Lower Wasatch
6180.00	6211.90	WFRK/UMVRD
6269.00	6301.38	MVRD
7836.00	7875.52	KMVGAS
9100.00	9139.52	CMEO
9828.00	9867.52	RLNS
9942.99	9982.51	TD

Plan: Plan #4 23Apr2019 mmsdi

18:03, April 29 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
1095.99	1100.00	9 5/8" @ 1100' 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	150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	
3	250.00	3.00	250.00	249.95	-0.90	-2.46	3.00	250.00	2.41	
4	350.00	3.00	250.00	349.82	-2.69	-7.38	0.00	0.00	7.24	
5	464.45	5.99	273.05	463.91	-3.39	-16.16	3.00	42.99	15.98	
6	7476.34	5.99	273.05	7437.55	35.51	-746.56	0.00	0.00	747.41	
7	7875.52	0.00	0.00	7836.00	36.62	-767.37	1.50	180.00	768.24	RU 421-17 BTM
8	9982.52	0.00	0.00	9943.00	36.62	-767.37	0.00	0.00	768.24	RU 421-17 PBHL

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RU 421-17 BTM	7836.00	36.62	-767.37	1597021.30	2351000.70	39.4500513	-107.7985259	Circle (Radius: 50.00)
- plan hits target center								
RU 421-17 PBHL	9943.00	36.62	-767.37	1597021.30	2351000.70	39.4500513	-107.7985259	Point
- plan hits target center								



# **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**RU 31-17 Pad**

**RU 421-17 - Slot RU 421-17**

**OH**

**Plan: Plan #4 23Apr2019 mmsdi**

## **Standard Planning Report**

**29 April, 2019**



<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RU 421-17 - Slot RU 421-17
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Site:</b>	RU 31-17 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RU 421-17	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #4 23Apr2019 mmsdi		

<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 31-17 Pad			
<b>Site Position:</b>		<b>Northing:</b>	1,596,940.40 usft	<b>Latitude:</b> 39.4498852
<b>From:</b> Map		<b>Easting:</b>	2,351,805.70 usft	<b>Longitude:</b> -107.7956689
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.20 in	<b>Grid Convergence:</b> -1.45 °

<b>Well</b>	RU 421-17 - Slot RU 421-17			
<b>Well Position</b>	<b>+N/-S</b> 23.91 usft	<b>Northing:</b>	1,596,965.30 usft	<b>Latitude:</b> 39.4499508
	<b>+E/-W</b> -39.42 usft	<b>Easting:</b>	2,351,766.90 usft	<b>Longitude:</b> -107.7958085
<b>Position Uncertainty</b>	0.00 usft	<b>Wellhead Elevation:</b>	0.00 usft	<b>Ground Level:</b> 7,864.00 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	2/9/2017	9.30	65.63	51,716

<b>Design</b>	Plan #4 23Apr2019 mmsdi			
<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	272.73

<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	
250.00	3.00	250.00	249.95	-0.90	-2.46	3.00	3.00	0.00	250.00	
350.00	3.00	250.00	349.82	-2.69	-7.38	0.00	0.00	0.00	0.00	
464.45	5.99	273.05	463.91	-3.39	-16.16	3.00	2.61	20.14	42.99	
7,476.34	5.99	273.05	7,437.55	35.51	-746.56	0.00	0.00	0.00	0.00	
7,875.52	0.00	0.00	7,836.00	36.62	-767.37	1.50	-1.50	0.00	180.00	RU 421-17 BTV
9,982.52	0.00	0.00	9,943.00	36.62	-767.37	0.00	0.00	0.00	0.00	RU 421-17 PBHL

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RU 421-17 - Slot RU 421-17
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Site:</b>	RU 31-17 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RU 421-17	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #4 23Apr2019 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 3.00									
200.00	1.50	250.00	199.99	-0.22	-0.61	0.60	3.00	3.00	0.00
250.00	3.00	250.00	249.95	-0.90	-2.46	2.41	3.00	3.00	0.00
Start 100.00 hold at 250.00 MD									
300.00	3.00	250.00	299.89	-1.79	-4.92	4.83	0.00	0.00	0.00
350.00	3.00	250.00	349.82	-2.69	-7.38	7.24	0.00	0.00	0.00
Start DLS 3.00 TFO 42.99									
400.00	4.22	264.03	399.72	-3.32	-10.44	10.27	3.00	2.45	28.06
464.45	5.99	273.05	463.91	-3.39	-16.16	15.98	3.00	2.74	13.99
Start 7011.89 hold at 464.45 MD									
500.00	5.99	273.05	499.27	-3.19	-19.86	19.68	0.00	0.00	0.00
600.00	5.99	273.05	598.72	-2.64	-30.28	30.11	0.00	0.00	0.00
700.00	5.99	273.05	698.18	-2.09	-40.69	40.55	0.00	0.00	0.00
800.00	5.99	273.05	797.63	-1.53	-51.11	50.98	0.00	0.00	0.00
900.00	5.99	273.05	897.08	-0.98	-61.53	61.41	0.00	0.00	0.00
1,000.00	5.99	273.05	996.54	-0.42	-71.94	71.84	0.00	0.00	0.00
1,100.00	5.99	273.05	1,095.99	0.13	-82.36	82.27	0.00	0.00	0.00
9 5/8" @ 1100' MD									
1,200.00	5.99	273.05	1,195.45	0.69	-92.78	92.70	0.00	0.00	0.00
1,300.00	5.99	273.05	1,294.90	1.24	-103.19	103.13	0.00	0.00	0.00
1,400.00	5.99	273.05	1,394.36	1.80	-113.61	113.57	0.00	0.00	0.00
1,500.00	5.99	273.05	1,493.81	2.35	-124.03	124.00	0.00	0.00	0.00
1,600.00	5.99	273.05	1,593.27	2.91	-134.44	134.43	0.00	0.00	0.00
1,700.00	5.99	273.05	1,692.72	3.46	-144.86	144.86	0.00	0.00	0.00
1,800.00	5.99	273.05	1,792.17	4.02	-155.28	155.29	0.00	0.00	0.00
1,900.00	5.99	273.05	1,891.63	4.57	-165.69	165.72	0.00	0.00	0.00
2,000.00	5.99	273.05	1,991.08	5.13	-176.11	176.15	0.00	0.00	0.00
2,100.00	5.99	273.05	2,090.54	5.68	-186.53	186.58	0.00	0.00	0.00
2,200.00	5.99	273.05	2,189.99	6.24	-196.94	197.02	0.00	0.00	0.00
2,300.00	5.99	273.05	2,289.45	6.79	-207.36	207.45	0.00	0.00	0.00
2,400.00	5.99	273.05	2,388.90	7.35	-217.78	217.88	0.00	0.00	0.00
2,500.00	5.99	273.05	2,488.36	7.90	-228.19	228.31	0.00	0.00	0.00
2,600.00	5.99	273.05	2,587.81	8.46	-238.61	238.74	0.00	0.00	0.00
2,700.00	5.99	273.05	2,687.26	9.01	-249.03	249.17	0.00	0.00	0.00
2,800.00	5.99	273.05	2,786.72	9.57	-259.44	259.60	0.00	0.00	0.00
2,900.00	5.99	273.05	2,886.17	10.12	-269.86	270.03	0.00	0.00	0.00
3,000.00	5.99	273.05	2,985.63	10.68	-280.28	280.47	0.00	0.00	0.00
3,100.00	5.99	273.05	3,085.08	11.23	-290.69	290.90	0.00	0.00	0.00
3,200.00	5.99	273.05	3,184.54	11.79	-301.11	301.33	0.00	0.00	0.00
3,300.00	5.99	273.05	3,283.99	12.34	-311.53	311.76	0.00	0.00	0.00
3,400.00	5.99	273.05	3,383.45	12.90	-321.94	322.19	0.00	0.00	0.00
3,500.00	5.99	273.05	3,482.90	13.45	-332.36	332.62	0.00	0.00	0.00
3,600.00	5.99	273.05	3,582.35	14.01	-342.78	343.05	0.00	0.00	0.00
3,700.00	5.99	273.05	3,681.81	14.56	-353.19	353.48	0.00	0.00	0.00
3,800.00	5.99	273.05	3,781.26	15.11	-363.61	363.92	0.00	0.00	0.00
3,876.15	5.99	273.05	3,857.00	15.54	-371.54	371.86	0.00	0.00	0.00
G Sand									
3,900.00	5.99	273.05	3,880.72	15.67	-374.03	374.35	0.00	0.00	0.00

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<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Site:</b>	RU 31-17 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RU 421-17	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #4 23Apr2019 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)
3,946.54	5.99	273.05	3,927.00	15.93	-378.87	379.20	0.00	0.00	0.00
<b>G Sand Base</b>									
4,000.00	5.99	273.05	3,980.17	16.22	-384.44	384.78	0.00	0.00	0.00
4,100.00	5.99	273.05	4,079.63	16.78	-394.86	395.21	0.00	0.00	0.00
4,200.00	5.99	273.05	4,179.08	17.33	-405.28	405.64	0.00	0.00	0.00
4,300.00	5.99	273.05	4,278.54	17.89	-415.69	416.07	0.00	0.00	0.00
4,400.00	5.99	273.05	4,377.99	18.44	-426.11	426.50	0.00	0.00	0.00
4,500.00	5.99	273.05	4,477.44	19.00	-436.53	436.93	0.00	0.00	0.00
4,600.00	5.99	273.05	4,576.90	19.55	-446.94	447.37	0.00	0.00	0.00
4,700.00	5.99	273.05	4,676.35	20.11	-457.36	457.80	0.00	0.00	0.00
4,800.00	5.99	273.05	4,775.81	20.66	-467.78	468.23	0.00	0.00	0.00
4,900.00	5.99	273.05	4,875.26	21.22	-478.19	478.66	0.00	0.00	0.00
5,000.00	5.99	273.05	4,974.72	21.77	-488.61	489.09	0.00	0.00	0.00
5,100.00	5.99	273.05	5,074.17	22.33	-499.03	499.52	0.00	0.00	0.00
5,200.00	5.99	273.05	5,173.63	22.88	-509.44	509.95	0.00	0.00	0.00
5,300.00	5.99	273.05	5,273.08	23.44	-519.86	520.38	0.00	0.00	0.00
5,400.00	5.99	273.05	5,372.53	23.99	-530.28	530.82	0.00	0.00	0.00
5,500.00	5.99	273.05	5,471.99	24.55	-540.69	541.25	0.00	0.00	0.00
5,600.00	5.99	273.05	5,571.44	25.10	-551.11	551.68	0.00	0.00	0.00
5,700.00	5.99	273.05	5,670.90	25.66	-561.53	562.11	0.00	0.00	0.00
5,800.00	5.99	273.05	5,770.35	26.21	-571.94	572.54	0.00	0.00	0.00
5,900.00	5.99	273.05	5,869.81	26.77	-582.36	582.97	0.00	0.00	0.00
5,908.24	5.99	273.05	5,878.00	26.81	-583.22	583.83	0.00	0.00	0.00
<b>Lower Wasatch</b>									
6,000.00	5.99	273.05	5,969.26	27.32	-592.78	593.40	0.00	0.00	0.00
6,100.00	5.99	273.05	6,068.72	27.88	-603.19	603.84	0.00	0.00	0.00
6,200.00	5.99	273.05	6,168.17	28.43	-613.61	614.27	0.00	0.00	0.00
6,211.90	5.99	273.05	6,180.00	28.50	-614.85	615.51	0.00	0.00	0.00
<b>WFRK/UMVRD</b>									
6,300.00	5.99	273.05	6,267.62	28.99	-624.03	624.70	0.00	0.00	0.00
6,301.38	5.99	273.05	6,269.00	28.99	-624.17	624.84	0.00	0.00	0.00
<b>MVRD</b>									
6,400.00	5.99	273.05	6,367.08	29.54	-634.44	635.13	0.00	0.00	0.00
6,500.00	5.99	273.05	6,466.53	30.10	-644.86	645.56	0.00	0.00	0.00
6,600.00	5.99	273.05	6,565.99	30.65	-655.28	655.99	0.00	0.00	0.00
6,700.00	5.99	273.05	6,665.44	31.21	-665.69	666.42	0.00	0.00	0.00
6,800.00	5.99	273.05	6,764.90	31.76	-676.11	676.85	0.00	0.00	0.00
6,900.00	5.99	273.05	6,864.35	32.32	-686.53	687.29	0.00	0.00	0.00
7,000.00	5.99	273.05	6,963.81	32.87	-696.94	697.72	0.00	0.00	0.00
7,100.00	5.99	273.05	7,063.26	33.42	-707.36	708.15	0.00	0.00	0.00
7,200.00	5.99	273.05	7,162.71	33.98	-717.78	718.58	0.00	0.00	0.00
7,300.00	5.99	273.05	7,262.17	34.53	-728.19	729.01	0.00	0.00	0.00
7,400.00	5.99	273.05	7,361.62	35.09	-738.61	739.44	0.00	0.00	0.00
7,476.34	5.99	273.05	7,437.55	35.51	-746.56	747.41	0.00	0.00	0.00
<b>Start Drop -1.50</b>									
7,500.00	5.63	273.05	7,461.09	35.64	-748.95	749.80	1.50	-1.50	0.00
7,600.00	4.13	273.05	7,560.72	36.09	-757.45	758.31	1.50	-1.50	0.00
7,700.00	2.63	273.05	7,660.54	36.41	-763.34	764.21	1.50	-1.50	0.00
7,800.00	1.13	273.05	7,760.49	36.58	-766.62	767.50	1.50	-1.50	0.00
7,875.52	0.00	0.00	7,836.00	36.62	-767.37	768.24	1.50	-1.50	0.00
<b>Start 2107.00 hold at 7875.52 MD - KMGAS - RU 421-17 BTV</b>									

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<b>Site:</b>	RU 31-17 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RU 421-17	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #4 23Apr2019 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)	
7,900.00	0.00	0.00	7,860.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,000.00	0.00	0.00	7,960.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,100.00	0.00	0.00	8,060.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,200.00	0.00	0.00	8,160.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,300.00	0.00	0.00	8,260.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,400.00	0.00	0.00	8,360.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,500.00	0.00	0.00	8,460.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,600.00	0.00	0.00	8,560.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,700.00	0.00	0.00	8,660.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,800.00	0.00	0.00	8,760.48	36.62	-767.37	768.24	0.00	0.00	0.00	
8,900.00	0.00	0.00	8,860.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,000.00	0.00	0.00	8,960.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,100.00	0.00	0.00	9,060.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,139.52	0.00	0.00	9,100.00	36.62	-767.37	768.24	0.00	0.00	0.00	
<b>CMEO</b>										
9,200.00	0.00	0.00	9,160.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,300.00	0.00	0.00	9,260.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,400.00	0.00	0.00	9,360.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,500.00	0.00	0.00	9,460.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,600.00	0.00	0.00	9,560.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,700.00	0.00	0.00	9,660.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,800.00	0.00	0.00	9,760.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,867.52	0.00	0.00	9,828.00	36.62	-767.37	768.24	0.00	0.00	0.00	
<b>RLNS</b>										
9,900.00	0.00	0.00	9,860.48	36.62	-767.37	768.24	0.00	0.00	0.00	
9,982.51	0.00	0.00	9,942.99	36.62	-767.37	768.24	0.00	0.00	0.00	
<b>TD</b>										
9,982.52	0.00	0.00	9,943.00	36.62	-767.37	768.24	0.00	0.00	0.00	
<b>TD at 9982.52 - RU 421-17 PBHL</b>										

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									
RU 421-17 BTV	0.00	0.00	7,836.00	36.62	-767.37	1,597,021.30	2,351,000.70	39.4500513	-107.7985260
- plan hits target center									
- Circle (radius 50.00)									
RU 421-17 PBHL	0.00	0.00	9,943.00	36.62	-767.37	1,597,021.30	2,351,000.70	39.4500513	-107.7985260
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,100.00	1,095.99	9 5/8" @ 1100' MD	9.62	9.62	

<b>Database:</b>	Grand Junction District	<b>Local Co-ordinate Reference:</b>	Well RU 421-17 - Slot RU 421-17
<b>Company:</b>	TEP Rocky Mountain LLC	<b>TVD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Project:</b>	Garfield County, CO NAD83	<b>MD Reference:</b>	GL 7864' & RKB 24' @ 7888.00usft (H&P 318)
<b>Site:</b>	RU 31-17 Pad	<b>North Reference:</b>	True
<b>Well:</b>	RU 421-17	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #4 23Apr2019 mmsdi		

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,876.15	3,857.00	G Sand		0.00	0.00
3,946.54	3,927.00	G Sand Base		0.00	0.00
5,908.24	5,878.00	Lower Wasatch		0.00	0.00
6,211.90	6,180.00	WFRK/UMVRD		0.00	0.00
6,301.38	6,269.00	MVRD		0.00	0.00
7,875.52	7,836.00	KMVGAS		0.00	0.00
9,139.52	9,100.00	CMEO		0.00	0.00
9,867.52	9,828.00	RLNS		0.00	0.00
9,982.51	9,942.99	TD		0.00	0.00

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
150.00	150.00	0.00	0.00	Start Build 3.00
250.00	249.95	-0.90	-2.46	Start 100.00 hold at 250.00 MD
350.00	349.82	-2.69	-7.38	Start DLS 3.00 TFO 42.99
464.45	463.91	-3.39	-16.16	Start 7011.89 hold at 464.45 MD
7,476.34	7,437.55	35.51	-746.56	Start Drop -1.50
7,875.52	7,836.00	36.62	-767.37	Start 2107.00 hold at 7875.52 MD
9,982.52	9,943.00	36.62	-767.37	TD at 9982.52