



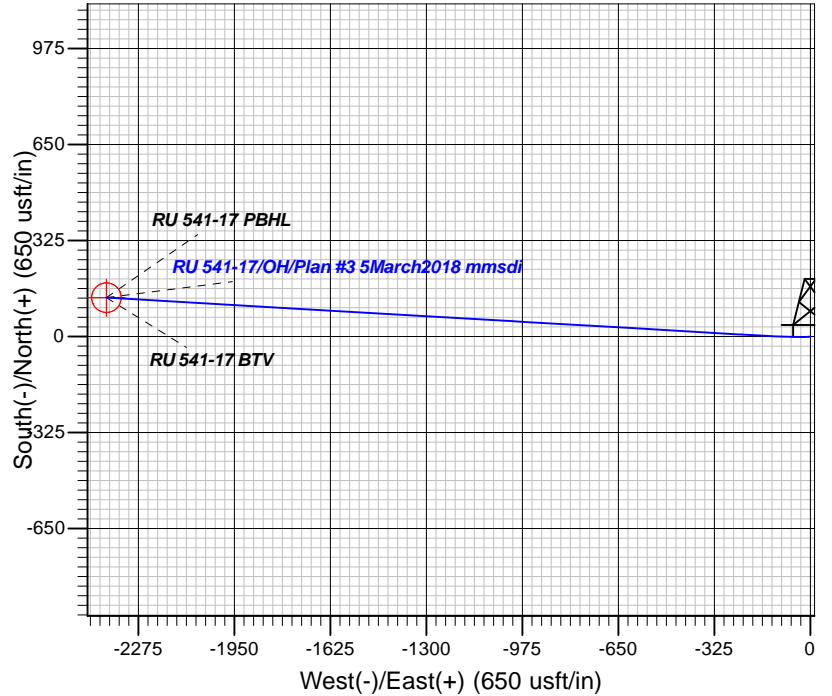
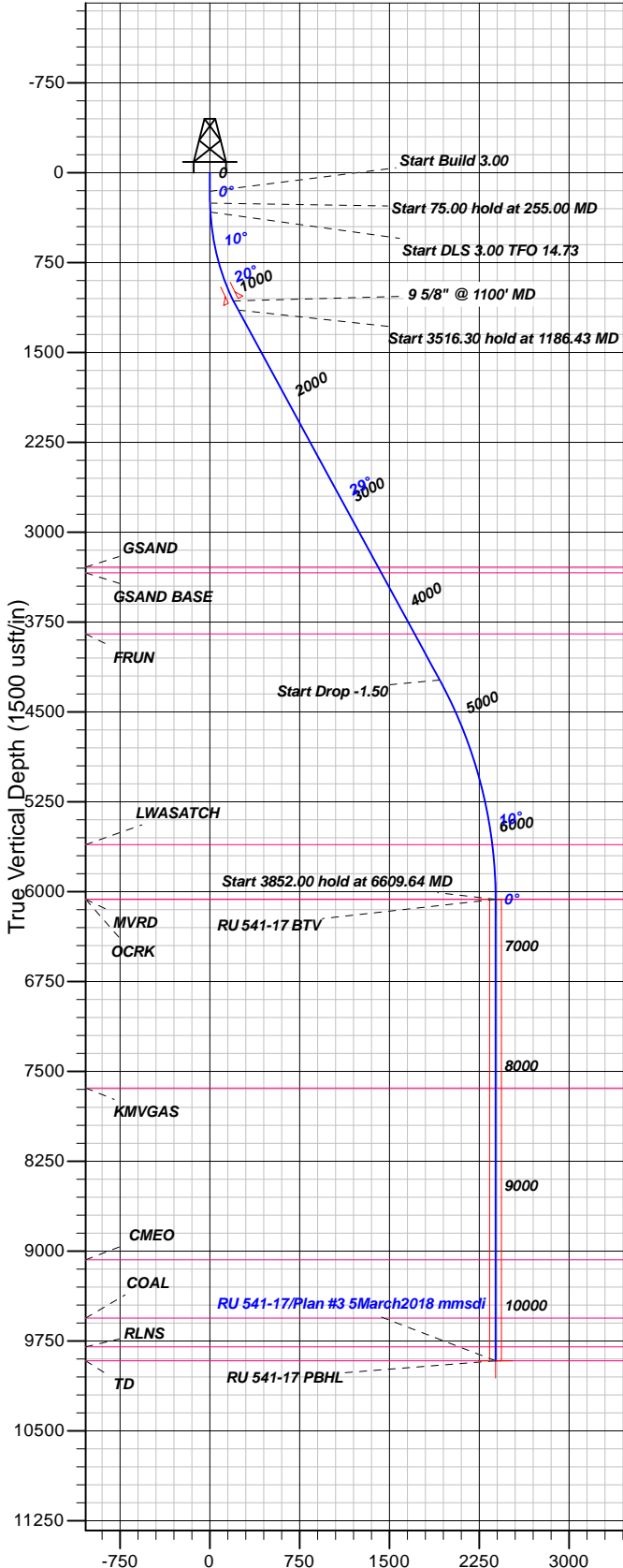
Azimuths to True North
Magnetic North: 9.30°

Magnetic Field
Strength: 51715.6snT
Dip Angle: 65.63°
Date: 2/9/2017
Model: HDGM

Well Details: RU 541-17

GL 7859' & RKB 24' @ 7883.00usft (H&P 318)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1506970.60	2351761.60	39.4499650	-107.7958277	RU 541-17



FORMATION TOP DETAILS

TVDPth	MDPath	Formation
3291.00	3628.28	GSAND
3340.00	3684.09	GSAND BASE
3850.00	4264.99	FRUN
5608.00	6153.56	LWASATCH
6063.00	6609.64	MVRD
6063.00	6609.64	OCRK
7639.00	8185.64	KMGAS
9073.00	9619.64	CMEO
9558.00	10104.64	COAL
9798.00	10344.64	RLNS
9915.00	10461.64	TD

Plan: Plan #3 5March2018 mmsdi

17:12, March 06 2018
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
1070.38	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	155.00	0.00	0.00	155.00	0.00	0.00	0.00	0.00	0.00	
3	255.00	3.00	260.00	254.95	-0.45	-2.58	3.00	260.00	2.55	
4	330.00	3.00	260.00	329.85	-1.14	-6.44	0.00	0.00	6.37	
5	1186.43	28.60	273.31	1147.17	6.96	-237.06	3.00	14.73	237.08	
6	4702.73	28.60	273.31	4234.31	104.27	-1917.67	0.00	0.00	1920.50	
7	6609.64	0.00	0.00	6063.00	131.22	-2383.08	1.50	180.00	2386.69	RU 541-17 BTV
8	10461.64	0.00	0.00	9915.00	131.22	-2383.08	0.00	0.00	2386.69	RU 541-17 PBHL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RU 541-17 BTV	6063.00	131.22	-2383.08	1597162.00	2349382.60	39.4503249	-107.8042669	Circle (Radius: 50.00)
- plan hits target center								
RU 541-17 PBHL	9915.00	131.22	-2383.08	1597162.00	2349382.60	39.4503249	-107.8042669	Point
- plan hits target center								



TEP Rocky Mountain LLC

Garfield County, CO NAD83

RU 31-17 Pad

RU 541-17 - Slot RU 541-17

OH

Plan: Plan #3 5March2018 mmsdi

Standard Planning Report

06 March, 2018



Database:	Grand Junction District	Local Co-ordinate Reference:	Well RU 541-17 - Slot RU 541-17
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Project:	Garfield County, CO NAD83	MD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Site:	RU 31-17 Pad	North Reference:	True
Well:	RU 541-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3 5March2018 mmsdi		

Project	Garfield County, CO NAD83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

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

Well	RU 541-17 - Slot RU 541-17			
Well Position	+N/-S	29.08 usft	Northing:	1,596,970.60 usft
	+E/-W	-44.85 usft	Easting:	2,351,761.60 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	0.00 usft
			Ground Level:	7,859.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	2/9/2017	9.30	65.63	51,716

Design	Plan #3 5March2018 mmsdi			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	273.15

Plan Sections										
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	
155.00	0.00	0.00	155.00	0.00	0.00	0.00	0.00	0.00	0.00	
255.00	3.00	260.00	254.95	-0.45	-2.58	3.00	3.00	0.00	260.00	
330.00	3.00	260.00	329.85	-1.14	-6.44	0.00	0.00	0.00	0.00	
1,186.43	28.60	273.31	1,147.17	6.96	-237.06	3.00	2.99	1.55	14.73	
4,702.73	28.60	273.31	4,234.31	104.27	-1,917.67	0.00	0.00	0.00	0.00	
6,609.64	0.00	0.00	6,063.00	131.22	-2,383.08	1.50	-1.50	0.00	180.00	RU 541-17 BTV
10,461.64	0.00	0.00	9,915.00	131.22	-2,383.08	0.00	0.00	0.00	0.00	RU 541-17 PBHL

Database:	Grand Junction District	Local Co-ordinate Reference:	Well RU 541-17 - Slot RU 541-17
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Project:	Garfield County, CO NAD83	MD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Site:	RU 31-17 Pad	North Reference:	True
Well:	RU 541-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3 5March2018 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	
155.00	0.00	0.00	155.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 3.00										
200.00	1.35	260.00	200.00	-0.09	-0.52	0.52	3.00	3.00	0.00	
255.00	3.00	260.00	254.95	-0.45	-2.58	2.55	3.00	3.00	0.00	
Start 75.00 hold at 255.00 MD										
300.00	3.00	260.00	299.89	-0.86	-4.90	4.84	0.00	0.00	0.00	
330.00	3.00	260.00	329.85	-1.14	-6.44	6.37	0.00	0.00	0.00	
Start DLS 3.00 TFO 14.73										
400.00	5.06	266.07	399.68	-1.67	-11.33	11.22	3.00	2.94	8.67	
500.00	8.04	269.30	499.01	-2.05	-22.72	22.57	3.00	2.98	3.24	
600.00	11.03	270.80	597.62	-2.01	-39.28	39.11	3.00	2.99	1.49	
700.00	14.02	271.66	695.23	-1.52	-60.95	60.78	3.00	2.99	0.86	
800.00	17.02	272.22	791.57	-0.60	-87.69	87.53	3.00	3.00	0.56	
900.00	20.02	272.62	886.38	0.74	-119.42	119.28	3.00	3.00	0.40	
1,000.00	23.01	272.92	979.41	2.52	-156.04	155.95	3.00	3.00	0.30	
1,100.00	26.01	273.15	1,070.38	4.72	-197.47	197.43	3.00	3.00	0.23	
9 5/8" @ 1100' MD										
1,186.43	28.60	273.31	1,147.17	6.96	-237.06	237.08	3.00	3.00	0.19	
Start 3516.30 hold at 1186.43 MD										
1,200.00	28.60	273.31	1,159.09	7.33	-243.54	243.58	0.00	0.00	0.00	
1,300.00	28.60	273.31	1,246.88	10.10	-291.34	291.45	0.00	0.00	0.00	
1,400.00	28.60	273.31	1,334.68	12.87	-339.13	339.33	0.00	0.00	0.00	
1,500.00	28.60	273.31	1,422.47	15.64	-386.93	387.20	0.00	0.00	0.00	
1,600.00	28.60	273.31	1,510.27	18.41	-434.72	435.08	0.00	0.00	0.00	
1,700.00	28.60	273.31	1,598.06	21.17	-482.52	482.95	0.00	0.00	0.00	
1,800.00	28.60	273.31	1,685.86	23.94	-530.31	530.83	0.00	0.00	0.00	
1,900.00	28.60	273.31	1,773.65	26.71	-578.11	578.70	0.00	0.00	0.00	
2,000.00	28.60	273.31	1,861.45	29.48	-625.90	626.57	0.00	0.00	0.00	
2,100.00	28.60	273.31	1,949.24	32.24	-673.70	674.45	0.00	0.00	0.00	
2,200.00	28.60	273.31	2,037.04	35.01	-721.49	722.32	0.00	0.00	0.00	
2,300.00	28.60	273.31	2,124.83	37.78	-769.29	770.20	0.00	0.00	0.00	
2,400.00	28.60	273.31	2,212.63	40.55	-817.08	818.07	0.00	0.00	0.00	
2,500.00	28.60	273.31	2,300.42	43.31	-864.88	865.95	0.00	0.00	0.00	
2,600.00	28.60	273.31	2,388.22	46.08	-912.67	913.82	0.00	0.00	0.00	
2,700.00	28.60	273.31	2,476.02	48.85	-960.47	961.70	0.00	0.00	0.00	
2,800.00	28.60	273.31	2,563.81	51.62	-1,008.26	1,009.57	0.00	0.00	0.00	
2,900.00	28.60	273.31	2,651.61	54.38	-1,056.05	1,057.45	0.00	0.00	0.00	
3,000.00	28.60	273.31	2,739.40	57.15	-1,103.85	1,105.32	0.00	0.00	0.00	
3,100.00	28.60	273.31	2,827.20	59.92	-1,151.64	1,153.20	0.00	0.00	0.00	
3,200.00	28.60	273.31	2,914.99	62.69	-1,199.44	1,201.07	0.00	0.00	0.00	
3,300.00	28.60	273.31	3,002.79	65.45	-1,247.23	1,248.95	0.00	0.00	0.00	
3,400.00	28.60	273.31	3,090.58	68.22	-1,295.03	1,296.82	0.00	0.00	0.00	
3,500.00	28.60	273.31	3,178.38	70.99	-1,342.82	1,344.70	0.00	0.00	0.00	
3,600.00	28.60	273.31	3,266.17	73.76	-1,390.62	1,392.57	0.00	0.00	0.00	
3,628.28	28.60	273.31	3,291.00	74.54	-1,404.14	1,406.11	0.00	0.00	0.00	
GSAND										
3,684.09	28.60	273.31	3,340.00	76.08	-1,430.81	1,432.83	0.00	0.00	0.00	
GSAND BASE										
3,700.00	28.60	273.31	3,353.97	76.52	-1,438.41	1,440.45	0.00	0.00	0.00	
3,800.00	28.60	273.31	3,441.76	79.29	-1,486.21	1,488.32	0.00	0.00	0.00	

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Project:	Garfield County, CO NAD83	MD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Site:	RU 31-17 Pad	North Reference:	True
Well:	RU 541-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3 5March2018 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)
3,900.00	28.60	273.31	3,529.56	82.06	-1,534.00	1,536.20	0.00	0.00	0.00
4,000.00	28.60	273.31	3,617.35	84.83	-1,581.80	1,584.07	0.00	0.00	0.00
4,100.00	28.60	273.31	3,705.15	87.59	-1,629.59	1,631.94	0.00	0.00	0.00
4,200.00	28.60	273.31	3,792.94	90.36	-1,677.39	1,679.82	0.00	0.00	0.00
4,264.99	28.60	273.31	3,850.00	92.16	-1,708.45	1,710.93	0.00	0.00	0.00
FRUN									
4,300.00	28.60	273.31	3,880.74	93.13	-1,725.18	1,727.69	0.00	0.00	0.00
4,400.00	28.60	273.31	3,968.53	95.90	-1,772.98	1,775.57	0.00	0.00	0.00
4,500.00	28.60	273.31	4,056.33	98.66	-1,820.77	1,823.44	0.00	0.00	0.00
4,600.00	28.60	273.31	4,144.12	101.43	-1,868.57	1,871.32	0.00	0.00	0.00
4,700.00	28.60	273.31	4,231.92	104.20	-1,916.36	1,919.19	0.00	0.00	0.00
4,702.73	28.60	273.31	4,234.31	104.27	-1,917.67	1,920.50	0.00	0.00	0.00
Start Drop -1.50									
4,800.00	27.14	273.31	4,320.30	106.90	-1,963.07	1,965.98	1.50	-1.50	0.00
4,900.00	25.64	273.31	4,409.87	109.47	-2,007.45	2,010.43	1.50	-1.50	0.00
5,000.00	24.14	273.31	4,500.58	111.91	-2,049.47	2,052.52	1.50	-1.50	0.00
5,100.00	22.64	273.31	4,592.35	114.20	-2,089.11	2,092.23	1.50	-1.50	0.00
5,200.00	21.14	273.31	4,685.14	116.36	-2,126.34	2,129.52	1.50	-1.50	0.00
5,300.00	19.64	273.31	4,778.87	118.37	-2,161.12	2,164.36	1.50	-1.50	0.00
5,400.00	18.14	273.31	4,873.47	120.24	-2,193.45	2,196.75	1.50	-1.50	0.00
5,500.00	16.64	273.31	4,968.90	121.97	-2,223.30	2,226.64	1.50	-1.50	0.00
5,600.00	15.14	273.31	5,065.07	123.56	-2,250.64	2,254.03	1.50	-1.50	0.00
5,700.00	13.64	273.31	5,161.93	124.99	-2,275.45	2,278.89	1.50	-1.50	0.00
5,800.00	12.14	273.31	5,259.41	126.28	-2,297.73	2,301.20	1.50	-1.50	0.00
5,900.00	10.64	273.31	5,357.43	127.42	-2,317.46	2,320.96	1.50	-1.50	0.00
6,000.00	9.14	273.31	5,455.94	128.42	-2,334.61	2,338.14	1.50	-1.50	0.00
6,100.00	7.64	273.31	5,554.87	129.26	-2,349.18	2,352.74	1.50	-1.50	0.00
6,153.56	6.84	273.31	5,608.00	129.65	-2,355.93	2,359.49	1.50	-1.50	0.00
LWASATCH									
6,200.00	6.14	273.31	5,654.14	129.96	-2,361.17	2,364.74	1.50	-1.50	0.00
6,300.00	4.64	273.31	5,753.70	130.50	-2,370.55	2,374.14	1.50	-1.50	0.00
6,400.00	3.14	273.31	5,853.46	130.89	-2,377.33	2,380.94	1.50	-1.50	0.00
6,500.00	1.64	273.31	5,953.37	131.13	-2,381.51	2,385.11	1.50	-1.50	0.00
6,600.00	0.14	273.31	6,053.36	131.22	-2,383.06	2,386.67	1.50	-1.50	0.00
6,609.64	0.00	0.00	6,063.00	131.22	-2,383.08	2,386.69	1.50	-1.50	0.00
Start 3852.00 hold at 6609.64 MD - OCRK - MVRD - RU 541-17 BTW									
6,700.00	0.00	0.00	6,153.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
6,800.00	0.00	0.00	6,253.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
6,900.00	0.00	0.00	6,353.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,000.00	0.00	0.00	6,453.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,100.00	0.00	0.00	6,553.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,200.00	0.00	0.00	6,653.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,300.00	0.00	0.00	6,753.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,400.00	0.00	0.00	6,853.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,500.00	0.00	0.00	6,953.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,600.00	0.00	0.00	7,053.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,700.00	0.00	0.00	7,153.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,800.00	0.00	0.00	7,253.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
7,900.00	0.00	0.00	7,353.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,000.00	0.00	0.00	7,453.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,100.00	0.00	0.00	7,553.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00

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Project:	Garfield County, CO NAD83	MD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Site:	RU 31-17 Pad	North Reference:	True
Well:	RU 541-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3 5March2018 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)
8,185.64	0.00	0.00	7,639.00	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
KMVGAS									
8,200.00	0.00	0.00	7,653.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,300.00	0.00	0.00	7,753.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,400.00	0.00	0.00	7,853.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,500.00	0.00	0.00	7,953.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,600.00	0.00	0.00	8,053.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,700.00	0.00	0.00	8,153.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,800.00	0.00	0.00	8,253.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
8,900.00	0.00	0.00	8,353.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,000.00	0.00	0.00	8,453.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,100.00	0.00	0.00	8,553.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,200.00	0.00	0.00	8,653.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,300.00	0.00	0.00	8,753.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,400.00	0.00	0.00	8,853.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,500.00	0.00	0.00	8,953.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,600.00	0.00	0.00	9,053.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,619.64	0.00	0.00	9,073.00	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
CME0									
9,700.00	0.00	0.00	9,153.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,800.00	0.00	0.00	9,253.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
9,900.00	0.00	0.00	9,353.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
10,000.00	0.00	0.00	9,453.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
10,100.00	0.00	0.00	9,553.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
10,104.64	0.00	0.00	9,558.00	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
COAL									
10,200.00	0.00	0.00	9,653.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
10,300.00	0.00	0.00	9,753.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
10,344.64	0.00	0.00	9,798.00	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
RLNS									
10,400.00	0.00	0.00	9,853.36	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
10,461.64	0.00	0.00	9,915.00	131.22	-2,383.08	2,386.69	0.00	0.00	0.00
TD at 10461.64 - TD - RU 541-17 PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RU 541-17 BTV - hit/miss target - Shape	0.00	0.00	6,063.00	131.22	-2,383.08	1,597,162.00	2,349,382.60	39.4503250	-107.8042669
RU 541-17 PBHL - plan hits target center - Circle (radius 50.00)									
RU 541-17 PBHL - plan hits target center - Point	0.00	0.00	9,915.00	131.22	-2,383.08	1,597,162.00	2,349,382.60	39.4503250	-107.8042669

Database:	Grand Junction District	Local Co-ordinate Reference:	Well RU 541-17 - Slot RU 541-17
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Project:	Garfield County, CO NAD83	MD Reference:	GL 7859' & RKB 24' @ 7883.00usft (H&P 318)
Site:	RU 31-17 Pad	North Reference:	True
Well:	RU 541-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3 5March2018 mmsdi		

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,100.00	1,070.38	9 5/8" @ 1100' MD	9.62	13.50	

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,628.28	3,291.00	GSAND		0.00	0.00
3,684.09	3,340.00	GSAND BASE		0.00	0.00
4,264.99	3,850.00	FRUN		0.00	0.00
6,153.56	5,608.00	LWASATCH		0.00	0.00
6,609.64	6,063.00	OCRK		0.00	0.00
6,609.64	6,063.00	MVRD		0.00	0.00
8,185.64	7,639.00	KMVGAS		0.00	0.00
9,619.64	9,073.00	CME0		0.00	0.00
10,104.64	9,558.00	COAL		0.00	0.00
10,344.64	9,798.00	RLNS		0.00	0.00
10,461.64	9,915.00	TD		0.00	0.00

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
155.00	155.00	0.00	0.00	Start Build 3.00	
255.00	254.95	-0.45	-2.58	Start 75.00 hold at 255.00 MD	
330.00	329.85	-1.14	-6.44	Start DLS 3.00 TFO 14.73	
1,186.43	1,147.17	6.96	-237.06	Start 3516.30 hold at 1186.43 MD	
4,702.73	4,234.31	104.27	-1,917.67	Start Drop -1.50	
6,609.64	6,063.00	131.22	-2,383.08	Start 3852.00 hold at 6609.64 MD	
10,461.64	9,915.00	131.22	-2,383.08	TD at 10461.64	