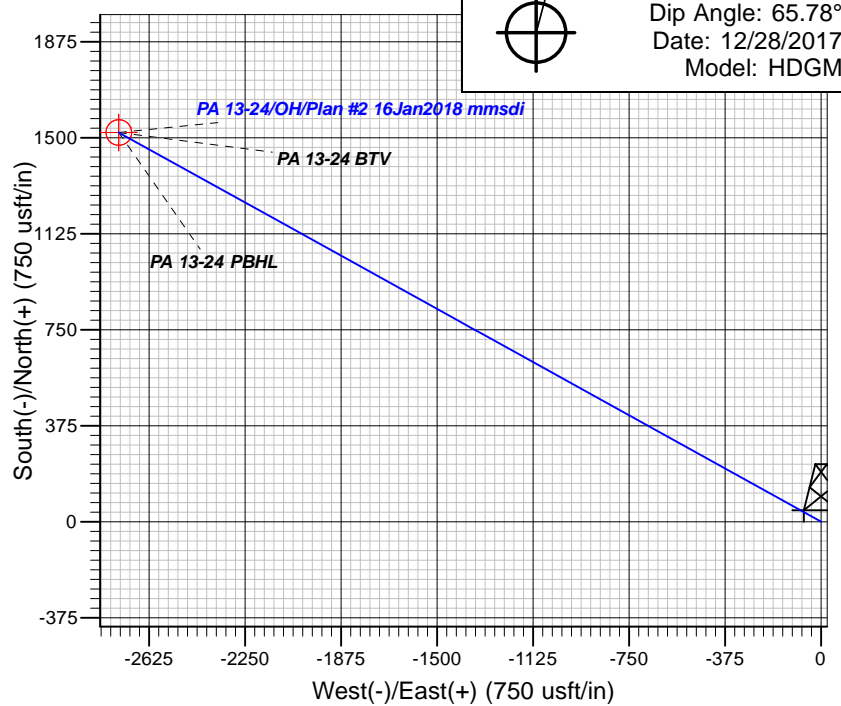
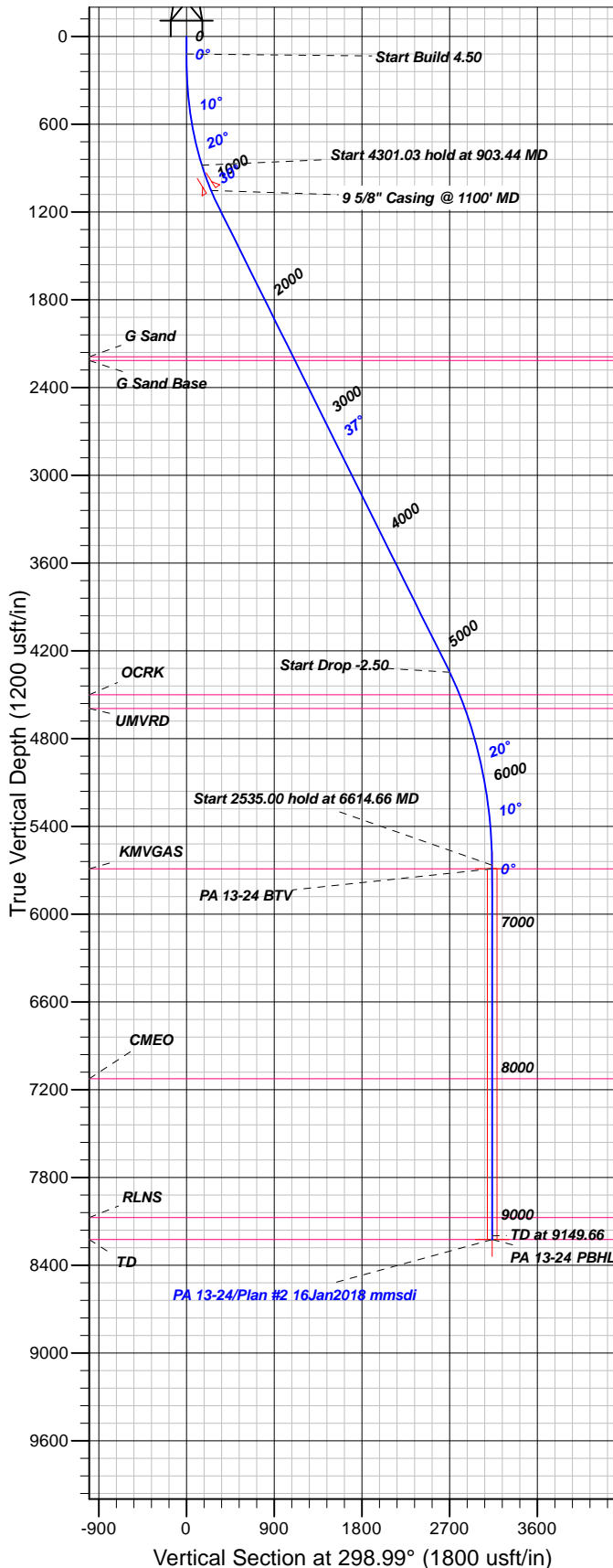


Well Details: PA 13-24

GL 5371' & RKB 24' @ 5395.00usft
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1618385.27 2310460.59 39.5057803 -107.9440726 PA 13-24 (B5)

T M Azimuths to True North
Magnetic North: 9.42°
Magnetic Field
Strength: 51662.3snT
Dip Angle: 65.78°
Date: 12/28/2017
Model: HDGM



FORMATION TOP DETAILS

TVDPth	MDPath	Formation
2190.00	2514.52	G Sand
2215.00	2545.71	G Sand Base
4500.00	5388.68	OCRK
4595.00	5498.29	UMVRD
5690.00	6639.92	KMGAS
7125.00	8074.92	CMEQ
8075.00	9024.92	RLNS
8224.99	9174.91	TD

Plan: Plan #2 16Jan2018 mmsdi

16:19, January 16 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
1052.91	1100.00	5/8" Casing @ 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	120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	
3	220.00	3.00	298.99	219.95	1.27	-2.29	3.00	298.99	2.62	
4	270.00	3.00	298.99	269.89	2.54	-4.58	0.00	0.00	5.23	
5	1233.16	36.71	298.99	1162.78	158.82	-286.61	3.50	0.00	327.67	
6	5171.50	36.71	298.99	4320.00	1299.96	-2345.79	0.00	0.00	2681.91	
7	6639.92	0.00	0.00	5690.00	1520.28	-2743.38	2.50	180.00	3136.46	PA 13-24 BTV
8	9174.92	0.00	0.00	8225.00	1520.28	-2743.38	0.00	0.00	3136.46	PA 13-24 PBHL

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PA 13-24 BTV	5690.00	1520.28	-2743.38	1619978.80	2307759.10	39.5099538	-107.9537959	Circle (Radius: 50.00)
- plan hits target center								
PA 13-24 PBHL	8225.00	1520.28	-2743.38	1619978.80	2307759.10	39.5099538	-107.9537959	Point
- plan hits target center								



TEP Rocky Mountain LLC

Garfield County, CO NAD83

PA 34-24 Pad

PA 13-24 - Slot PA 13-24 (B5)

OH

Plan: Plan #2 16Jan2018 mmsdi

Standard Planning Report

16 January, 2018



Database:	Grand Junction District	Local Co-ordinate Reference:	Well PA 13-24 - Slot PA 13-24 (B5)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Site:	PA 34-24 Pad	North Reference:	True
Well:	PA 13-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2 16Jan2018 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	PA 34-24 Pad			
Site Position:		Northing:	1,618,371.20 usft	Latitude: 39.5057421
From: Map		Easting:	2,310,465.70 usft	Longitude: -107.9440532
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence: -1.54 °

Well	PA 13-24 - Slot PA 13-24 (B5)			
Well Position	+N/-S	13.93 usft	Northing:	1,618,385.27 usft
	+E/-W	-5.49 usft	Easting:	2,310,460.59 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	0.00 usft
			Ground Level:	5,371.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/28/2017	9.42	65.78	51,662

Design	Plan #2 16Jan2018 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	298.99

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	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
220.00	3.00	298.99	219.95	1.27	-2.29	3.00	3.00	0.00	298.99	
270.00	3.00	298.99	269.89	2.54	-4.58	0.00	0.00	0.00	0.00	
1,233.16	36.71	298.99	1,162.78	158.82	-286.61	3.50	3.50	0.00	0.00	
5,171.50	36.71	298.99	4,320.00	1,299.96	-2,345.79	0.00	0.00	0.00	0.00	
6,639.92	0.00	0.00	5,690.00	1,520.28	-2,743.38	2.50	-2.50	0.00	180.00	PA 13-24 BTV
9,174.92	0.00	0.00	8,225.00	1,520.28	-2,743.38	0.00	0.00	0.00	0.00	PA 13-24 PBHL

Database:	Grand Junction District	Local Co-ordinate Reference:	Well PA 13-24 - Slot PA 13-24 (B5)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Site:	PA 34-24 Pad	North Reference:	True
Well:	PA 13-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2 16Jan2018 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
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 4.50									
200.00	2.40	298.99	199.98	0.81	-1.47	1.68	3.00	3.00	0.00
220.00	3.00	298.99	219.95	1.27	-2.29	2.62	3.00	3.00	0.00
270.00	3.00	298.99	269.89	2.54	-4.58	5.23	0.00	0.00	0.00
300.00	4.05	298.99	299.83	3.43	-6.19	7.08	3.50	3.50	0.00
400.00	7.55	298.99	399.30	8.33	-15.03	17.18	3.50	3.50	0.00
500.00	11.05	298.99	497.97	16.16	-29.16	33.34	3.50	3.50	0.00
600.00	14.55	298.99	595.47	26.90	-48.54	55.49	3.50	3.50	0.00
700.00	18.05	298.99	691.44	40.50	-73.08	83.55	3.50	3.50	0.00
800.00	21.55	298.99	785.51	56.91	-102.71	117.42	3.50	3.50	0.00
900.00	25.05	298.99	877.34	76.08	-137.30	156.97	3.50	3.50	0.00
903.44	25.17	298.99	880.45	76.79	-138.58	158.43	3.50	3.50	0.00
Start 4301.03 hold at 903.44 MD									
1,000.00	28.55	298.99	966.59	97.94	-176.73	202.05	3.50	3.50	0.00
1,100.00	32.05	298.99	1,052.91	122.39	-220.85	252.50	3.50	3.50	0.00
9 5/8" Casing @ 1100' MD									
1,200.00	35.55	298.99	1,136.00	149.35	-269.50	308.12	3.50	3.50	0.00
1,233.16	36.71	298.99	1,162.78	158.82	-286.61	327.67	3.50	3.50	0.00
1,300.00	36.71	298.99	1,216.36	178.19	-321.55	367.62	0.00	0.00	0.00
1,400.00	36.71	298.99	1,296.53	207.17	-373.84	427.40	0.00	0.00	0.00
1,500.00	36.71	298.99	1,376.70	236.14	-426.12	487.18	0.00	0.00	0.00
1,600.00	36.71	298.99	1,456.86	265.12	-478.41	546.96	0.00	0.00	0.00
1,700.00	36.71	298.99	1,537.03	294.09	-530.70	606.73	0.00	0.00	0.00
1,800.00	36.71	298.99	1,617.19	323.07	-582.98	666.51	0.00	0.00	0.00
1,900.00	36.71	298.99	1,697.36	352.04	-635.27	726.29	0.00	0.00	0.00
2,000.00	36.71	298.99	1,777.53	381.02	-687.55	786.07	0.00	0.00	0.00
2,100.00	36.71	298.99	1,857.69	409.99	-739.84	845.84	0.00	0.00	0.00
2,200.00	36.71	298.99	1,937.86	438.97	-792.12	905.62	0.00	0.00	0.00
2,300.00	36.71	298.99	2,018.03	467.94	-844.41	965.40	0.00	0.00	0.00
2,400.00	36.71	298.99	2,098.19	496.92	-896.70	1,025.18	0.00	0.00	0.00
2,500.00	36.71	298.99	2,178.36	525.89	-948.98	1,084.95	0.00	0.00	0.00
2,514.52	36.71	298.99	2,190.00	530.10	-956.57	1,093.64	0.00	0.00	0.00
G Sand									
2,545.71	36.71	298.99	2,215.00	539.13	-972.88	1,112.28	0.00	0.00	0.00
G Sand Base									
2,600.00	36.71	298.99	2,258.53	554.87	-1,001.27	1,144.73	0.00	0.00	0.00
2,700.00	36.71	298.99	2,338.69	583.84	-1,053.55	1,204.51	0.00	0.00	0.00
2,800.00	36.71	298.99	2,418.86	612.82	-1,105.84	1,264.29	0.00	0.00	0.00
2,900.00	36.71	298.99	2,499.02	641.79	-1,158.12	1,324.06	0.00	0.00	0.00
3,000.00	36.71	298.99	2,579.19	670.77	-1,210.41	1,383.84	0.00	0.00	0.00
3,100.00	36.71	298.99	2,659.36	699.74	-1,262.70	1,443.62	0.00	0.00	0.00
3,200.00	36.71	298.99	2,739.52	728.72	-1,314.98	1,503.40	0.00	0.00	0.00
3,300.00	36.71	298.99	2,819.69	757.69	-1,367.27	1,563.17	0.00	0.00	0.00
3,400.00	36.71	298.99	2,899.86	786.66	-1,419.55	1,622.95	0.00	0.00	0.00
3,500.00	36.71	298.99	2,980.02	815.64	-1,471.84	1,682.73	0.00	0.00	0.00
3,600.00	36.71	298.99	3,060.19	844.61	-1,524.13	1,742.51	0.00	0.00	0.00
3,700.00	36.71	298.99	3,140.36	873.59	-1,576.41	1,802.28	0.00	0.00	0.00
3,800.00	36.71	298.99	3,220.52	902.56	-1,628.70	1,862.06	0.00	0.00	0.00
3,900.00	36.71	298.99	3,300.69	931.54	-1,680.98	1,921.84	0.00	0.00	0.00
4,000.00	36.71	298.99	3,380.86	960.51	-1,733.27	1,981.62	0.00	0.00	0.00
4,100.00	36.71	298.99	3,461.02	989.49	-1,785.55	2,041.39	0.00	0.00	0.00

Database:	Grand Junction District	Local Co-ordinate Reference:	Well PA 13-24 - Slot PA 13-24 (B5)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Site:	PA 34-24 Pad	North Reference:	True
Well:	PA 13-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2 16Jan2018 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)
4,200.00	36.71	298.99	3,541.19	1,018.46	-1,837.84	2,101.17	0.00	0.00	0.00
4,300.00	36.71	298.99	3,621.35	1,047.44	-1,890.13	2,160.95	0.00	0.00	0.00
4,400.00	36.71	298.99	3,701.52	1,076.41	-1,942.41	2,220.73	0.00	0.00	0.00
4,500.00	36.71	298.99	3,781.69	1,105.39	-1,994.70	2,280.50	0.00	0.00	0.00
4,600.00	36.71	298.99	3,861.85	1,134.36	-2,046.98	2,340.28	0.00	0.00	0.00
4,700.00	36.71	298.99	3,942.02	1,163.34	-2,099.27	2,400.06	0.00	0.00	0.00
4,800.00	36.71	298.99	4,022.19	1,192.31	-2,151.55	2,459.84	0.00	0.00	0.00
4,900.00	36.71	298.99	4,102.35	1,221.29	-2,203.84	2,519.61	0.00	0.00	0.00
5,000.00	36.71	298.99	4,182.52	1,250.26	-2,256.13	2,579.39	0.00	0.00	0.00
5,100.00	36.71	298.99	4,262.69	1,279.24	-2,308.41	2,639.17	0.00	0.00	0.00
5,171.50	36.71	298.99	4,320.00	1,299.96	-2,345.79	2,681.91	0.00	0.00	0.00
5,200.00	36.00	298.99	4,342.96	1,308.15	-2,360.57	2,698.80	2.50	-2.50	0.00
5,204.47	35.89	298.99	4,346.58	1,309.42	-2,362.87	2,701.43	2.50	-2.50	0.00
Start Drop -2.50									
5,300.00	33.50	298.99	4,425.12	1,335.77	-2,410.42	2,755.80	2.50	-2.50	0.00
5,388.68	31.28	298.99	4,500.00	1,358.80	-2,451.97	2,803.30	2.50	-2.50	0.00
OCRK									
5,400.00	31.00	298.99	4,509.68	1,361.63	-2,457.09	2,809.15	2.50	-2.50	0.00
5,498.29	28.54	298.99	4,595.00	1,385.29	-2,499.77	2,857.95	2.50	-2.50	0.00
UMVRD									
5,500.00	28.50	298.99	4,596.50	1,385.68	-2,500.49	2,858.77	2.50	-2.50	0.00
5,600.00	26.00	298.99	4,685.40	1,407.87	-2,540.53	2,904.55	2.50	-2.50	0.00
5,700.00	23.50	298.99	4,776.20	1,428.16	-2,577.14	2,946.41	2.50	-2.50	0.00
5,800.00	21.00	298.99	4,868.75	1,446.51	-2,610.26	2,984.27	2.50	-2.50	0.00
5,900.00	18.50	298.99	4,962.86	1,462.89	-2,639.81	3,018.05	2.50	-2.50	0.00
6,000.00	16.00	298.99	5,058.36	1,477.26	-2,665.74	3,047.70	2.50	-2.50	0.00
6,100.00	13.50	298.99	5,155.06	1,489.60	-2,688.01	3,073.16	2.50	-2.50	0.00
6,200.00	11.00	298.99	5,252.77	1,499.88	-2,706.56	3,094.37	2.50	-2.50	0.00
6,300.00	8.50	298.99	5,351.32	1,508.09	-2,721.37	3,111.30	2.50	-2.50	0.00
6,400.00	6.00	298.99	5,450.51	1,514.20	-2,732.40	3,123.91	2.50	-2.50	0.00
6,500.00	3.50	298.99	5,550.16	1,518.21	-2,739.64	3,132.19	2.50	-2.50	0.00
6,600.00	1.00	298.99	5,650.08	1,520.11	-2,743.07	3,136.11	2.50	-2.50	0.00
6,614.66	0.63	298.99	5,664.73	1,520.22	-2,743.26	3,136.32	2.50	-2.50	0.00
Start 2535.00 hold at 6614.66 MD									
6,639.92	0.00	0.00	5,690.00	1,520.28	-2,743.38	3,136.46	2.50	-2.50	0.00
KMVGAS - PA 13-24 BTV									
6,700.00	0.00	0.00	5,750.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
6,800.00	0.00	0.00	5,850.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
6,900.00	0.00	0.00	5,950.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,000.00	0.00	0.00	6,050.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,100.00	0.00	0.00	6,150.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,200.00	0.00	0.00	6,250.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,300.00	0.00	0.00	6,350.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,400.00	0.00	0.00	6,450.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,500.00	0.00	0.00	6,550.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,600.00	0.00	0.00	6,650.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,700.00	0.00	0.00	6,750.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,800.00	0.00	0.00	6,850.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
7,900.00	0.00	0.00	6,950.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,000.00	0.00	0.00	7,050.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,074.92	0.00	0.00	7,125.00	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
CME0									
8,100.00	0.00	0.00	7,150.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00

Database:	Grand Junction District	Local Co-ordinate Reference:	Well PA 13-24 - Slot PA 13-24 (B5)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Site:	PA 34-24 Pad	North Reference:	True
Well:	PA 13-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2 16Jan2018 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)
8,200.00	0.00	0.00	7,250.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,300.00	0.00	0.00	7,350.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,400.00	0.00	0.00	7,450.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,500.00	0.00	0.00	7,550.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,600.00	0.00	0.00	7,650.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,700.00	0.00	0.00	7,750.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,800.00	0.00	0.00	7,850.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
8,900.00	0.00	0.00	7,950.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
9,000.00	0.00	0.00	8,050.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
9,024.92	0.00	0.00	8,075.00	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
RLNS									
9,100.00	0.00	0.00	8,150.08	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
9,149.66	0.00	0.00	8,199.73	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
TD at 9149.66									
9,174.91	0.00	0.00	8,224.99	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
TD									
9,174.92	0.00	0.00	8,225.00	1,520.28	-2,743.38	3,136.46	0.00	0.00	0.00
PA 13-24 PBHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PA 13-24 BTV	0.00	0.00	5,690.00	1,520.28	-2,743.38	1,619,978.80	2,307,759.10	39.5099538	-107.9537959
- hit/miss target									
- plan hits target center									
- Circle (radius 50.00)									
PA 13-24 PBHL	0.00	0.00	8,225.00	1,520.28	-2,743.38	1,619,978.80	2,307,759.10	39.5099538	-107.9537959
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,100.00	1,052.91	9 5/8" Casing @ 1100' MD	9.62	13.50	

Database:	Grand Junction District	Local Co-ordinate Reference:	Well PA 13-24 - Slot PA 13-24 (B5)
Company:	TEP Rocky Mountain LLC	TVD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Project:	Garfield County, CO NAD83	MD Reference:	GL 5371' & RKB 24' @ 5395.00usft
Site:	PA 34-24 Pad	North Reference:	True
Well:	PA 13-24	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2 16Jan2018 mmsdi		

Formations					
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,514.52	2,190.00	G Sand		0.00	0.00
2,545.71	2,215.00	G Sand Base		0.00	0.00
5,388.68	4,500.00	OCRK		0.00	0.00
5,498.29	4,595.00	UMVRD		0.00	0.00
6,639.92	5,690.00	KMVGAS		0.00	0.00
8,074.92	7,125.00	CMEO		0.00	0.00
9,024.92	8,075.00	RLNS		0.00	0.00
9,174.91	8,224.99	TD		0.00	0.00

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
120.00	120.00	0.00	0.00	Start Build 4.50
903.44	880.45	76.79	-138.58	Start 4301.03 hold at 903.44 MD
5,204.47	4,346.58	1,309.42	-2,362.87	Start Drop -2.50
6,614.66	5,664.73	1,520.22	-2,743.26	Start 2535.00 hold at 6614.66 MD
9,149.66	8,199.73	1,520.28	-2,743.38	TD at 9149.66