



TEP Rocky Mountain LLC

Garfield Co., CO (NAD83)

WMC 24-17 Pad

WMC 332-20 - Slot WMC 332-20

OH

Plan: Plan #1

Standard Planning Report

07 October, 2020





Project: Garfield Co., CO (NAD83)
 Site: WMC 24-17 Pad
 Well: WMC 332-20
 Wellbore: OH
 Design: Plan #1
 Lat: 39.439025
 Long: -107.799437
 GL: 8868.00
 KB: KB=24' @ 8892.00usft



WELL DETAILS: WMC 332-20

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	WMC 332-20
0.00	0.00	1593012.90	2350641.80	39.439025	-107.799437	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
WMC 332-20 KMW	8832.00	-1940.06	1413.15	1591037.70	2352005.40	Circle (Radius: 50.00)
WMC 332-20 PBHL	10982.00	-1940.06	1413.15	1591037.70	2352005.40	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
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	Start Build 3.00
1120.13	30.00	143.93	1075.04	-206.88	150.69	3.00	143.93	255.94	Start 3264.32 hold at 1120.13 MD
4384.45	30.00	143.93	3901.91	-1526.31	1111.77	0.00	0.00	1888.29	Start Drop -1.50
6384.71	0.00	0.00	5812.00	-1940.06	1413.15	1.50	180.00	2400.17	Start 5170.00 hold at 6384.71 MD
11554.71	0.00	0.00	10982.00	-1940.06	1413.15	0.00	0.00	2400.17	TD at 11554.71

CASING DETAILS

TVD	MD	Name	Size
1057.56	1100.00	9 5/8"	9-5/8

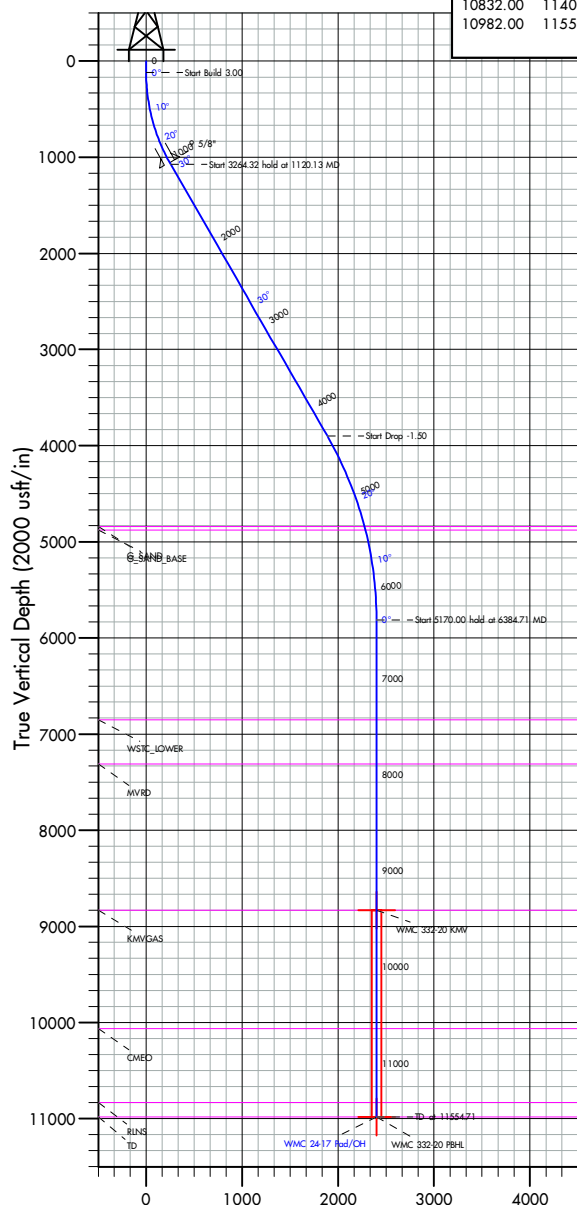
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4842.00	5403.97	G_SAND
4878.00	5441.15	G_SAND_BASE
6852.00	7424.71	WSTC_LOWER
7312.00	7884.71	MVRD
8832.00	9404.71	KMVGAS
10062.00	10634.71	CMEQ
10832.00	11404.71	RLNS
10982.00	11554.71	TD

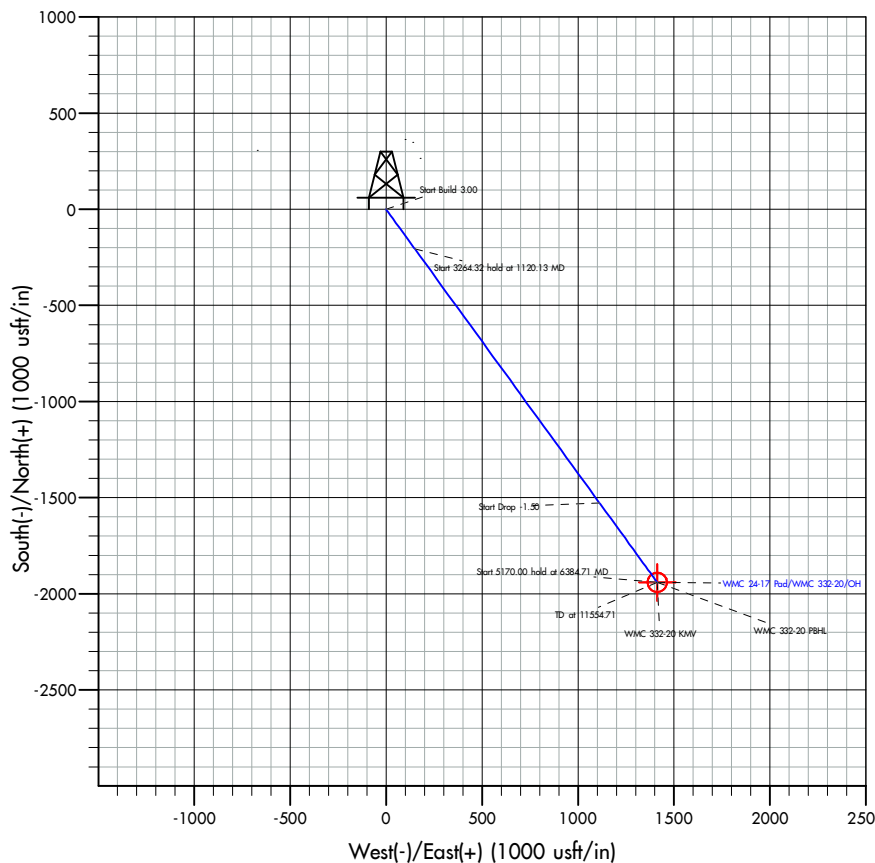


Azimuths to True North
 Magnetic North: 8.93°

Magnetic Field
 Strength: 51314.3nT
 Dip Angle: 65.48°
 Date: 9/2/2020
 Model: HDGM2020



Vertical Section at 143.93° (2000 usft/in)



Plan: Plan #1 (WMC 332-20/OH)

Created By: Dusty Mayer

Date: 12-54, October 07 2020

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 332-20 - Slot WMC 332-20
Company:	TEP Rocky Mountain LLC	TVD Reference:	KB=24' @ 8892.00usft
Project:	Garfield Co., CO (NAD83)	MD Reference:	KB=24' @ 8892.00usft
Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 332-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Garfield Co., 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		WMC 24-17 Pad				
Site Position:		Northing:	1,593,032.70	usft	Latitude:	39.439076
From:	Map	Easting:	2,350,593.20	usft	Longitude:	-107.799611
Position Uncertainty:		0.00	usft	Slot Radius:	13-3/16	"

Well		WMC 332-20 - Slot WMC 332-20				
Well Position	+N/-S	0.00 usft	Northing:	1,593,012.90 usft	Latitude:	39.439025
	+E/-W	0.00 usft	Easting:	2,350,641.80 usft	Longitude:	-107.799438
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	8,868.00 usft
Grid Convergence:	-1.45 °					

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	9/2/2020	8.93	65.48	51,314.30000000

Design	Plan #1				
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	143.93	

Plan Survey Tool Program	Date	10/7/2020			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	11,554.71 Plan #1 (OH)	MWD+ HGDM		
			OWSG MWD + HGDM		

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	
1,120.13	30.00	143.93	1,075.04	-206.88	150.69	3.00	3.00	0.00	143.93	
4,384.45	30.00	143.93	3,901.91	-1,526.31	1,111.77	0.00	0.00	0.00	0.00	
6,384.71	0.00	0.00	5,812.00	-1,940.06	1,413.15	1.50	-1.50	0.00	180.00	
11,554.71	0.00	0.00	10,982.00	-1,940.06	1,413.15	0.00	0.00	0.00	0.00	WMC 332-20 PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 332-20 - Slot WMC 332-20
Company:	TEP Rocky Mountain LLC	TVD Reference:	KB=24' @ 8892.00usft
Project:	Garfield Co., CO (NAD83)	MD Reference:	KB=24' @ 8892.00usft
Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 332-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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 3.00									
200.00	2.40	143.93	199.98	-1.35	0.99	1.68	3.00	3.00	0.00
300.00	5.40	143.93	299.73	-6.85	4.99	8.48	3.00	3.00	0.00
400.00	8.40	143.93	399.00	-16.56	12.06	20.49	3.00	3.00	0.00
500.00	11.40	143.93	497.50	-30.46	22.18	37.68	3.00	3.00	0.00
600.00	14.40	143.93	594.96	-48.50	35.33	60.00	3.00	3.00	0.00
700.00	17.40	143.93	691.13	-70.64	51.46	87.39	3.00	3.00	0.00
800.00	20.40	143.93	785.72	-96.82	70.52	119.78	3.00	3.00	0.00
900.00	23.40	143.93	878.50	-126.97	92.48	157.08	3.00	3.00	0.00
1,000.00	26.40	143.93	969.19	-160.99	117.27	199.18	3.00	3.00	0.00
1,100.00	29.40	143.93	1,057.56	-198.81	144.82	245.96	3.00	3.00	0.00
9 5/8"									
1,120.13	30.00	143.93	1,075.04	-206.88	150.69	255.94	3.00	3.00	0.00
Start 3264.32 hold at 1120.13 MD									
1,200.00	30.00	143.93	1,144.21	-239.16	174.20	295.88	0.00	0.00	0.00
1,300.00	30.00	143.93	1,230.81	-279.58	203.65	345.88	0.00	0.00	0.00
1,400.00	30.00	143.93	1,317.41	-320.00	233.09	395.89	0.00	0.00	0.00
1,500.00	30.00	143.93	1,404.01	-360.42	262.53	445.90	0.00	0.00	0.00
1,600.00	30.00	143.93	1,490.61	-400.84	291.97	495.90	0.00	0.00	0.00
1,700.00	30.00	143.93	1,577.20	-441.26	321.41	545.91	0.00	0.00	0.00
1,800.00	30.00	143.93	1,663.80	-481.68	350.86	595.91	0.00	0.00	0.00
1,900.00	30.00	143.93	1,750.40	-522.10	380.30	645.92	0.00	0.00	0.00
2,000.00	30.00	143.93	1,837.00	-562.52	409.74	695.93	0.00	0.00	0.00
2,100.00	30.00	143.93	1,923.60	-602.94	439.18	745.93	0.00	0.00	0.00
2,200.00	30.00	143.93	2,010.20	-643.36	468.63	795.94	0.00	0.00	0.00
2,300.00	30.00	143.93	2,096.80	-683.78	498.07	845.94	0.00	0.00	0.00
2,400.00	30.00	143.93	2,183.40	-724.20	527.51	895.95	0.00	0.00	0.00
2,500.00	30.00	143.93	2,270.00	-764.62	556.95	945.96	0.00	0.00	0.00
2,600.00	30.00	143.93	2,356.60	-805.04	586.39	995.96	0.00	0.00	0.00
2,700.00	30.00	143.93	2,443.19	-845.46	615.84	1,045.97	0.00	0.00	0.00
2,800.00	30.00	143.93	2,529.79	-885.87	645.28	1,095.97	0.00	0.00	0.00
2,900.00	30.00	143.93	2,616.39	-926.29	674.72	1,145.98	0.00	0.00	0.00
3,000.00	30.00	143.93	2,702.99	-966.71	704.16	1,195.99	0.00	0.00	0.00
3,100.00	30.00	143.93	2,789.59	-1,007.13	733.60	1,245.99	0.00	0.00	0.00
3,200.00	30.00	143.93	2,876.19	-1,047.55	763.05	1,296.00	0.00	0.00	0.00
3,300.00	30.00	143.93	2,962.79	-1,087.97	792.49	1,346.00	0.00	0.00	0.00
3,400.00	30.00	143.93	3,049.39	-1,128.39	821.93	1,396.01	0.00	0.00	0.00
3,500.00	30.00	143.93	3,135.99	-1,168.81	851.37	1,446.02	0.00	0.00	0.00
3,600.00	30.00	143.93	3,222.59	-1,209.23	880.82	1,496.02	0.00	0.00	0.00
3,700.00	30.00	143.93	3,309.19	-1,249.65	910.26	1,546.03	0.00	0.00	0.00
3,800.00	30.00	143.93	3,395.78	-1,290.07	939.70	1,596.03	0.00	0.00	0.00
3,900.00	30.00	143.93	3,482.38	-1,330.49	969.14	1,646.04	0.00	0.00	0.00
4,000.00	30.00	143.93	3,568.98	-1,370.91	998.58	1,696.05	0.00	0.00	0.00
4,100.00	30.00	143.93	3,655.58	-1,411.33	1,028.03	1,746.05	0.00	0.00	0.00
4,200.00	30.00	143.93	3,742.18	-1,451.75	1,057.47	1,796.06	0.00	0.00	0.00
4,300.00	30.00	143.93	3,828.78	-1,492.17	1,086.91	1,846.06	0.00	0.00	0.00
4,384.45	30.00	143.93	3,901.91	-1,526.31	1,111.77	1,888.29	0.00	0.00	0.00
Start Drop -1.50									
4,400.00	29.77	143.93	3,915.39	-1,532.57	1,116.34	1,896.04	1.50	-1.50	0.00
4,500.00	28.27	143.93	4,002.84	-1,571.78	1,144.90	1,944.55	1.50	-1.50	0.00

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Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 332-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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)
4,600.00	26.77	143.93	4,091.52	-1,609.13	1,172.10	1,990.76	1.50	-1.50	0.00
4,700.00	25.27	143.93	4,181.38	-1,644.59	1,197.93	2,034.63	1.50	-1.50	0.00
4,800.00	23.77	143.93	4,272.36	-1,678.13	1,222.37	2,076.13	1.50	-1.50	0.00
4,900.00	22.27	143.93	4,364.39	-1,709.74	1,245.39	2,115.23	1.50	-1.50	0.00
5,000.00	20.77	143.93	4,457.42	-1,739.39	1,266.99	2,151.92	1.50	-1.50	0.00
5,100.00	19.27	143.93	4,551.37	-1,767.06	1,287.14	2,186.15	1.50	-1.50	0.00
5,200.00	17.77	143.93	4,646.19	-1,792.74	1,305.85	2,217.92	1.50	-1.50	0.00
5,300.00	16.27	143.93	4,741.81	-1,816.40	1,323.08	2,247.19	1.50	-1.50	0.00
5,400.00	14.77	143.93	4,838.16	-1,838.03	1,338.83	2,273.94	1.50	-1.50	0.00
5,403.97	14.71	143.93	4,842.00	-1,838.84	1,339.43	2,274.95	1.50	-1.50	0.00
G_SAND									
5,441.15	14.15	143.93	4,878.00	-1,846.33	1,344.88	2,284.22	1.50	-1.50	0.00
G_SAND_BASE									
5,500.00	13.27	143.93	4,935.18	-1,857.61	1,353.10	2,298.17	1.50	-1.50	0.00
5,600.00	11.77	143.93	5,032.80	-1,875.13	1,365.86	2,319.85	1.50	-1.50	0.00
5,700.00	10.27	143.93	5,130.95	-1,890.58	1,377.12	2,338.97	1.50	-1.50	0.00
5,800.00	8.77	143.93	5,229.57	-1,903.95	1,386.85	2,355.50	1.50	-1.50	0.00
5,900.00	7.27	143.93	5,328.59	-1,915.23	1,395.07	2,369.46	1.50	-1.50	0.00
6,000.00	5.77	143.93	5,427.94	-1,924.41	1,401.76	2,380.81	1.50	-1.50	0.00
6,100.00	4.27	143.93	5,527.55	-1,931.48	1,406.91	2,389.56	1.50	-1.50	0.00
6,200.00	2.77	143.93	5,627.36	-1,936.45	1,410.52	2,395.71	1.50	-1.50	0.00
6,300.00	1.27	143.93	5,727.29	-1,939.30	1,412.60	2,399.23	1.50	-1.50	0.00
6,384.71	0.00	0.00	5,812.00	-1,940.06	1,413.15	2,400.17	1.50	-1.50	0.00
Start 5170.00 hold at 6384.71 MD									
6,400.00	0.00	0.00	5,827.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
6,500.00	0.00	0.00	5,927.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
6,600.00	0.00	0.00	6,027.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
6,700.00	0.00	0.00	6,127.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
6,800.00	0.00	0.00	6,227.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
6,900.00	0.00	0.00	6,327.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,000.00	0.00	0.00	6,427.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,100.00	0.00	0.00	6,527.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,200.00	0.00	0.00	6,627.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,300.00	0.00	0.00	6,727.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,400.00	0.00	0.00	6,827.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,424.71	0.00	0.00	6,852.00	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
WSTC_LOWER									
7,500.00	0.00	0.00	6,927.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,600.00	0.00	0.00	7,027.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,700.00	0.00	0.00	7,127.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,800.00	0.00	0.00	7,227.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
7,884.71	0.00	0.00	7,312.00	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
MVRD									
7,900.00	0.00	0.00	7,327.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,000.00	0.00	0.00	7,427.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,100.00	0.00	0.00	7,527.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,200.00	0.00	0.00	7,627.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,300.00	0.00	0.00	7,727.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,400.00	0.00	0.00	7,827.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,500.00	0.00	0.00	7,927.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,600.00	0.00	0.00	8,027.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,700.00	0.00	0.00	8,127.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
8,800.00	0.00	0.00	8,227.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00

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Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 332-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

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)
8,900.00	0.00	0.00	8,327.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,000.00	0.00	0.00	8,427.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,100.00	0.00	0.00	8,527.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,200.00	0.00	0.00	8,627.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,300.00	0.00	0.00	8,727.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,400.00	0.00	0.00	8,827.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,404.71	0.00	0.00	8,832.00	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
KMVGAS									
9,500.00	0.00	0.00	8,927.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,600.00	0.00	0.00	9,027.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,700.00	0.00	0.00	9,127.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,800.00	0.00	0.00	9,227.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
9,900.00	0.00	0.00	9,327.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,000.00	0.00	0.00	9,427.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,100.00	0.00	0.00	9,527.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,200.00	0.00	0.00	9,627.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,300.00	0.00	0.00	9,727.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,400.00	0.00	0.00	9,827.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,500.00	0.00	0.00	9,927.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,600.00	0.00	0.00	10,027.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,634.71	0.00	0.00	10,062.00	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
CMEO									
10,700.00	0.00	0.00	10,127.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,800.00	0.00	0.00	10,227.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
10,900.00	0.00	0.00	10,327.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,000.00	0.00	0.00	10,427.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,100.00	0.00	0.00	10,527.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,200.00	0.00	0.00	10,627.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,300.00	0.00	0.00	10,727.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,400.00	0.00	0.00	10,827.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,404.71	0.00	0.00	10,832.00	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
RLNS									
11,500.00	0.00	0.00	10,927.29	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
11,554.71	0.00	0.00	10,982.00	-1,940.06	1,413.15	2,400.17	0.00	0.00	0.00
TD at 11554.71 - TD									

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									
WMC 332-20 KMV	0.00	0.00	8,832.00	-1,940.06	1,413.15	1,591,037.70	2,352,005.40	39.433698	-107.794434
- plan hits target center									
- Circle (radius 50.00)									
WMC 332-20 PBHL	0.00	0.00	10,982.00	-1,940.06	1,413.15	1,591,037.70	2,352,005.40	39.433698	-107.794434
- plan hits target center									
- Point									

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 332-20 - Slot WMC 332-20
Company:	TEP Rocky Mountain LLC	TVD Reference:	KB=24' @ 8892.00usft
Project:	Garfield Co., CO (NAD83)	MD Reference:	KB=24' @ 8892.00usft
Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 332-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,100.00	1,057.56	9 5/8"	9-5/8	13-1/2

Formations						
	Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
	5,403.97	4,842.00	G_SAND			
	5,441.15	4,878.00	G_SAND_BASE			
	7,424.71	6,852.00	WSTC_LOWER			
	7,884.71	7,312.00	MVRD			
	9,404.71	8,832.00	KMVGAS			
	10,634.71	10,062.00	CMEO			
	11,404.71	10,832.00	RLNS			
	11,554.71	10,982.00	TD			

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 3.00
1,120.13	1,075.04	-206.88	150.69	Start 3264.32 hold at 1120.13 MD
4,384.45	3,901.91	-1,526.31	1,111.77	Start Drop -1.50
6,384.71	5,812.00	-1,940.06	1,413.15	Start 5170.00 hold at 6384.71 MD
11,554.71	10,982.00	-1,940.06	1,413.15	TD at 11554.71