



TEP Rocky Mountain LLC

Garfield Co., CO (NAD83)

WMC 24-17 Pad

WMC 531-20 - Slot WMC 531-20

OH

Plan: Plan #1

Standard Planning Report

07 October, 2020





Project: Garfield Co., CO (NAD83)
 Site: WMC 24-17 Pad
 Well: WMC 531-20
 Wellbore: OH
 Design: Plan #1
 Lat: 39.439058
 Long: -107.799449
 GL: 8868.00
 KB: KB=24' @ 8892.00usft



WELL DETAILS: WMC 531-20

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	WMC 531-20
0.00	0.00	1593025.00	2350638.70	39.439058	-107.799449	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
WMC 531-20 KMW	8832.00	-1309.86	1385.29	1591680.50	2351990.40	Circle (Radius: 50.00)
WMC 531-20 PBHL	10982.00	-1309.86	1385.29	1591680.50	2351990.40	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	
320.00	0.00	0.00	320.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
920.12	18.00	133.40	910.30	-64.25	67.95	3.00	133.40	93.51	Start 5260.69 hold at 920.12 MD
6180.82	18.00	133.40	5913.41	-1181.36	1249.40	0.00	0.00	1719.48	Start Drop -1.50
7381.06	0.00	0.00	7094.00	-1309.86	1385.29	1.50	180.00	1906.51	Start 3888.00 hold at 7381.06 MD
11269.06	0.00	0.00	10982.00	-1309.86	1385.29	0.00	0.00	1906.51	TD at 11269.06

CASING DETAILS

TVD	MD	Name	Size
1081.37	1100.00	9 5/8"	9-5/8

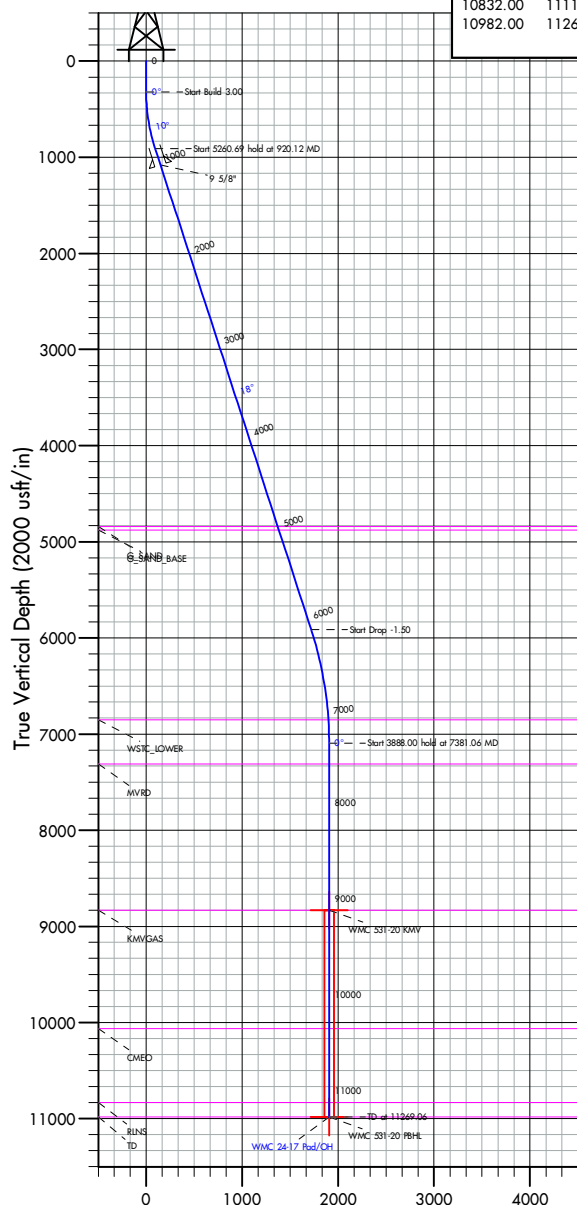
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4842.00	5054.25	G_SAND
4878.00	5092.10	G_SAND_BASE
6852.00	7138.90	WSTC_LOWER
7312.00	7599.06	MVRD
8832.00	9119.06	KMVGAS
10062.00	10349.06	CMEQ
10832.00	11119.06	RLNS
10982.00	11269.06	TD

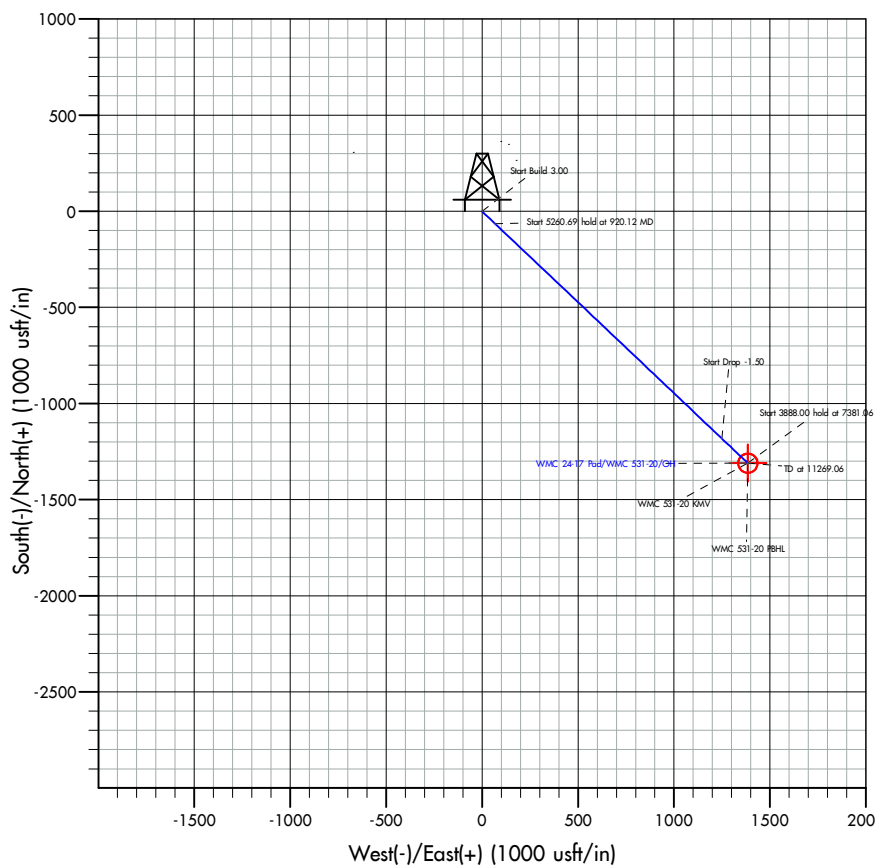


Azimuths to True North
 Magnetic North: 8.93°

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



Vertical Section at 133.40° (2000 usft/in)



Plan: Plan #1 (WMC 531-20/OH)

Created By: Dusty Mayer

Date: 13-23, October 07 2020

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 531-20 - Slot WMC 531-20
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 531-20	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 531-20 - Slot WMC 531-20				
Well Position	+N/-S	0.00 usft	Northing:	1,593,025.00 usft	Latitude:	39.439058
	+E/-W	0.00 usft	Easting:	2,350,638.70 usft	Longitude:	-107.799450
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	133.40	

Plan Survey Tool Program	Date	10/7/2020			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	11,268.77 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	
320.00	0.00	0.00	320.00	0.00	0.00	0.00	0.00	0.00	0.00	
920.12	18.00	133.40	910.30	-64.25	67.95	3.00	3.00	0.00	133.40	
6,180.82	18.00	133.40	5,913.41	-1,181.36	1,249.40	0.00	0.00	0.00	0.00	
7,381.06	0.00	0.00	7,094.00	-1,309.86	1,385.29	1.50	-1.50	0.00	180.00	
11,269.06	0.00	0.00	10,982.00	-1,309.86	1,385.29	0.00	0.00	0.00	0.00	WMC 531-20 PBHL

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 531-20 - Slot WMC 531-20
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 531-20	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
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
320.00	0.00	0.00	320.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3.00									
400.00	2.40	133.40	399.98	-1.15	1.22	1.68	3.00	3.00	0.00
500.00	5.40	133.40	499.73	-5.82	6.16	8.48	3.00	3.00	0.00
600.00	8.40	133.40	599.00	-14.08	14.89	20.49	3.00	3.00	0.00
700.00	11.40	133.40	697.50	-25.89	27.38	37.68	3.00	3.00	0.00
800.00	14.40	133.40	794.96	-41.22	43.60	60.00	3.00	3.00	0.00
900.00	17.40	133.40	891.13	-60.04	63.50	87.39	3.00	3.00	0.00
920.12	18.00	133.40	910.30	-64.25	67.95	93.51	3.00	3.00	0.00
Start 5260.69 hold at 920.12 MD									
1,000.00	18.00	133.40	986.26	-81.21	85.89	118.20	0.00	0.00	0.00
1,100.00	18.00	133.40	1,081.37	-102.45	108.34	149.11	0.00	0.00	0.00
9 5/8"									
1,200.00	18.00	133.40	1,176.47	-123.68	130.80	180.02	0.00	0.00	0.00
1,300.00	18.00	133.40	1,271.57	-144.92	153.26	210.93	0.00	0.00	0.00
1,400.00	18.00	133.40	1,366.68	-166.15	175.72	241.83	0.00	0.00	0.00
1,500.00	18.00	133.40	1,461.78	-187.39	198.18	272.74	0.00	0.00	0.00
1,600.00	18.00	133.40	1,556.88	-208.62	220.64	303.65	0.00	0.00	0.00
1,700.00	18.00	133.40	1,651.99	-229.86	243.09	334.56	0.00	0.00	0.00
1,800.00	18.00	133.40	1,747.09	-251.09	265.55	365.46	0.00	0.00	0.00
1,900.00	18.00	133.40	1,842.19	-272.33	288.01	396.37	0.00	0.00	0.00
2,000.00	18.00	133.40	1,937.30	-293.56	310.47	427.28	0.00	0.00	0.00
2,100.00	18.00	133.40	2,032.40	-314.80	332.93	458.19	0.00	0.00	0.00
2,200.00	18.00	133.40	2,127.51	-336.03	355.38	489.10	0.00	0.00	0.00
2,300.00	18.00	133.40	2,222.61	-357.27	377.84	520.00	0.00	0.00	0.00
2,400.00	18.00	133.40	2,317.71	-378.50	400.30	550.91	0.00	0.00	0.00
2,500.00	18.00	133.40	2,412.82	-399.74	422.76	581.82	0.00	0.00	0.00
2,600.00	18.00	133.40	2,507.92	-420.97	445.22	612.73	0.00	0.00	0.00
2,700.00	18.00	133.40	2,603.02	-442.21	467.67	643.64	0.00	0.00	0.00
2,800.00	18.00	133.40	2,698.13	-463.44	490.13	674.54	0.00	0.00	0.00
2,900.00	18.00	133.40	2,793.23	-484.68	512.59	705.45	0.00	0.00	0.00
3,000.00	18.00	133.40	2,888.33	-505.91	535.05	736.36	0.00	0.00	0.00
3,100.00	18.00	133.40	2,983.44	-527.15	557.51	767.27	0.00	0.00	0.00
3,200.00	18.00	133.40	3,078.54	-548.38	579.96	798.17	0.00	0.00	0.00
3,300.00	18.00	133.40	3,173.65	-569.62	602.42	829.08	0.00	0.00	0.00
3,400.00	18.00	133.40	3,268.75	-590.85	624.88	859.99	0.00	0.00	0.00
3,500.00	18.00	133.40	3,363.85	-612.09	647.34	890.90	0.00	0.00	0.00
3,600.00	18.00	133.40	3,458.96	-633.32	669.80	921.81	0.00	0.00	0.00
3,700.00	18.00	133.40	3,554.06	-654.56	692.25	952.71	0.00	0.00	0.00
3,800.00	18.00	133.40	3,649.16	-675.79	714.71	983.62	0.00	0.00	0.00
3,900.00	18.00	133.40	3,744.27	-697.03	737.17	1,014.53	0.00	0.00	0.00
4,000.00	18.00	133.40	3,839.37	-718.26	759.63	1,045.44	0.00	0.00	0.00
4,100.00	18.00	133.40	3,934.48	-739.50	782.09	1,076.35	0.00	0.00	0.00
4,200.00	18.00	133.40	4,029.58	-760.73	804.55	1,107.25	0.00	0.00	0.00
4,300.00	18.00	133.40	4,124.68	-781.97	827.00	1,138.16	0.00	0.00	0.00
4,400.00	18.00	133.40	4,219.79	-803.20	849.46	1,169.07	0.00	0.00	0.00
4,500.00	18.00	133.40	4,314.89	-824.44	871.92	1,199.98	0.00	0.00	0.00
4,600.00	18.00	133.40	4,409.99	-845.67	894.38	1,230.88	0.00	0.00	0.00
4,700.00	18.00	133.40	4,505.10	-866.91	916.84	1,261.79	0.00	0.00	0.00

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Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 531-20	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)
4,800.00	18.00	133.40	4,600.20	-888.15	939.29	1,292.70	0.00	0.00	0.00
4,900.00	18.00	133.40	4,695.30	-909.38	961.75	1,323.61	0.00	0.00	0.00
5,000.00	18.00	133.40	4,790.41	-930.62	984.21	1,354.52	0.00	0.00	0.00
5,054.25	18.00	133.40	4,842.00	-942.14	996.39	1,371.28	0.00	0.00	0.00
G_SAND									
5,092.10	18.00	133.40	4,878.00	-950.17	1,004.89	1,382.98	0.00	0.00	0.00
G_SAND_BASE									
5,100.00	18.00	133.40	4,885.51	-951.85	1,006.67	1,385.42	0.00	0.00	0.00
5,200.00	18.00	133.40	4,980.62	-973.09	1,029.13	1,416.33	0.00	0.00	0.00
5,300.00	18.00	133.40	5,075.72	-994.32	1,051.58	1,447.24	0.00	0.00	0.00
5,400.00	18.00	133.40	5,170.82	-1,015.56	1,074.04	1,478.15	0.00	0.00	0.00
5,500.00	18.00	133.40	5,265.93	-1,036.79	1,096.50	1,509.06	0.00	0.00	0.00
5,600.00	18.00	133.40	5,361.03	-1,058.03	1,118.96	1,539.96	0.00	0.00	0.00
5,700.00	18.00	133.40	5,456.13	-1,079.26	1,141.42	1,570.87	0.00	0.00	0.00
5,800.00	18.00	133.40	5,551.24	-1,100.50	1,163.87	1,601.78	0.00	0.00	0.00
5,900.00	18.00	133.40	5,646.34	-1,121.73	1,186.33	1,632.69	0.00	0.00	0.00
6,000.00	18.00	133.40	5,741.44	-1,142.97	1,208.79	1,663.59	0.00	0.00	0.00
6,100.00	18.00	133.40	5,836.55	-1,164.20	1,231.25	1,694.50	0.00	0.00	0.00
6,180.82	18.00	133.40	5,913.41	-1,181.36	1,249.40	1,719.48	0.00	0.00	0.00
Start Drop -1.50									
6,200.00	17.72	133.40	5,931.67	-1,185.41	1,253.67	1,725.36	1.50	-1.50	0.00
6,300.00	16.22	133.40	6,027.31	-1,205.45	1,274.88	1,754.54	1.50	-1.50	0.00
6,400.00	14.72	133.40	6,123.69	-1,223.77	1,294.25	1,781.21	1.50	-1.50	0.00
6,500.00	13.22	133.40	6,220.73	-1,240.36	1,311.79	1,805.34	1.50	-1.50	0.00
6,600.00	11.72	133.40	6,318.37	-1,255.19	1,327.47	1,826.93	1.50	-1.50	0.00
6,700.00	10.22	133.40	6,416.54	-1,268.25	1,341.29	1,845.95	1.50	-1.50	0.00
6,800.00	8.72	133.40	6,515.18	-1,279.55	1,353.24	1,862.40	1.50	-1.50	0.00
6,900.00	7.22	133.40	6,614.21	-1,289.07	1,363.31	1,876.26	1.50	-1.50	0.00
7,000.00	5.72	133.40	6,713.57	-1,296.81	1,371.49	1,887.52	1.50	-1.50	0.00
7,100.00	4.22	133.40	6,813.19	-1,302.76	1,377.78	1,896.17	1.50	-1.50	0.00
7,138.90	3.63	133.40	6,852.00	-1,304.59	1,379.72	1,898.83	1.50	-1.50	0.00
WSTC_LOWER									
7,200.00	2.72	133.40	6,913.00	-1,306.91	1,382.18	1,902.22	1.50	-1.50	0.00
7,300.00	1.22	133.40	7,012.94	-1,309.27	1,384.67	1,905.65	1.50	-1.50	0.00
7,381.06	0.00	0.00	7,094.00	-1,309.86	1,385.29	1,906.51	1.50	-1.50	0.00
Start 3888.00 hold at 7381.06 MD									
7,400.00	0.00	0.00	7,112.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
7,500.00	0.00	0.00	7,212.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
7,599.06	0.00	0.00	7,312.00	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
MVRD									
7,600.00	0.00	0.00	7,312.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
7,700.00	0.00	0.00	7,412.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
7,800.00	0.00	0.00	7,512.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
7,900.00	0.00	0.00	7,612.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,000.00	0.00	0.00	7,712.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,100.00	0.00	0.00	7,812.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,200.00	0.00	0.00	7,912.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,300.00	0.00	0.00	8,012.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,400.00	0.00	0.00	8,112.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,500.00	0.00	0.00	8,212.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,600.00	0.00	0.00	8,312.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,700.00	0.00	0.00	8,412.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00
8,800.00	0.00	0.00	8,512.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00

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Company:	TEP Rocky Mountain LLC	TVD Reference:	KB=24' @ 8892.00usft
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Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 531-20	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	8,612.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,000.00	0.00	0.00	8,712.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,100.00	0.00	0.00	8,812.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,119.06	0.00	0.00	8,832.00	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
KMVGAS										
9,200.00	0.00	0.00	8,912.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,300.00	0.00	0.00	9,012.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,400.00	0.00	0.00	9,112.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,500.00	0.00	0.00	9,212.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,600.00	0.00	0.00	9,312.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,700.00	0.00	0.00	9,412.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,800.00	0.00	0.00	9,512.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
9,900.00	0.00	0.00	9,612.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,000.00	0.00	0.00	9,712.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,100.00	0.00	0.00	9,812.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,200.00	0.00	0.00	9,912.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,300.00	0.00	0.00	10,012.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,349.06	0.00	0.00	10,062.00	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
CMEO										
10,400.00	0.00	0.00	10,112.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,500.00	0.00	0.00	10,212.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,600.00	0.00	0.00	10,312.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,700.00	0.00	0.00	10,412.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,800.00	0.00	0.00	10,512.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
10,900.00	0.00	0.00	10,612.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
11,000.00	0.00	0.00	10,712.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
11,100.00	0.00	0.00	10,812.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
11,119.06	0.00	0.00	10,832.00	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
RLNS										
11,200.00	0.00	0.00	10,912.94	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
11,269.06	0.00	0.00	10,982.00	-1,309.86	1,385.29	1,906.51	0.00	0.00	0.00	
TD at 11269.06 - 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 531-20 KMV	0.00	0.00	8,832.00	-1,309.86	1,385.29	1,591,680.50	2,351,990.40	39.435462	-107.794545
- plan hits target center									
- Circle (radius 50.00)									
WMC 531-20 PBHL	0.00	0.00	10,982.00	-1,309.86	1,385.29	1,591,680.50	2,351,990.40	39.435462	-107.794545
- plan hits target center									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,100.00	1,081.37	9 5/8"	9-5/8	13-1/2	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 531-20 - Slot WMC 531-20
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 531-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
5,054.25	4,842.00	G_SAND				
5,092.10	4,878.00	G_SAND_BASE				
7,138.90	6,852.00	WSTC_LOWER				
7,599.06	7,312.00	MVRD				
9,119.06	8,832.00	KMVGAS				
10,349.06	10,062.00	CME0				
11,119.06	10,832.00	RLNS				
11,269.06	10,982.00	TD				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
320.00	320.00	0.00	0.00	Start Build 3.00	
920.12	910.30	-64.25	67.95	Start 5260.69 hold at 920.12 MD	
6,180.82	5,913.41	-1,181.36	1,249.40	Start Drop -1.50	
7,381.06	7,094.00	-1,309.86	1,385.29	Start 3888.00 hold at 7381.06 MD	
11,269.06	10,982.00	-1,309.86	1,385.29	TD at 11269.06	