



TEP Rocky Mountain LLC

Garfield Co., CO (NAD83)

WMC 24-17 Pad

WMC 11-20 - Slot WMC 11-20

OH

Plan: Plan #1

Standard Planning Report

07 October, 2020





Project: Garfield Co., CO (NAD83)
 Site: WMC 24-17 Pad
 Well: WMC 11-20
 Wellbore: OH
 Design: Plan #1
 Lat: 39.439102
 Long: -107.799598
 GL: 8868.00
 KB: KB=24' @ 8892.00usft



WELL DETAILS: WMC 11-20

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	WMC 11-20
0.00	0.00	1593042.00	2350597.00	39.439102	-107.799598	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
WMC 11-20 KMW	8812.00	-474.53	-1168.66	1592597.20	2349416.70	Circle (Radius: 50.00)
WMC 11-20 PBHL	10962.00	-474.53	-1168.66	1592597.20	2349416.70	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
617.00	8.91	247.90	615.80	-8.67	-21.35	3.00	247.90	23.05	Start 7697.48 hold at 617.00 MD
8314.48	8.91	247.90	8220.40	-457.19	-1125.96	0.00	0.00	1215.24	Start Drop -1.50
8908.47	0.00	0.00	8812.00	-474.53	-1168.66	1.50	180.00	1261.33	Start 2150.00 hold at 8908.47 MD
11058.47	0.00	0.00	10962.00	-474.53	-1168.66	0.00	0.00	1261.33	TD at 11058.47

CASING DETAILS

TVD	MD	Name	Size
1092.98	1100.00	9 5/8"	9-5/8

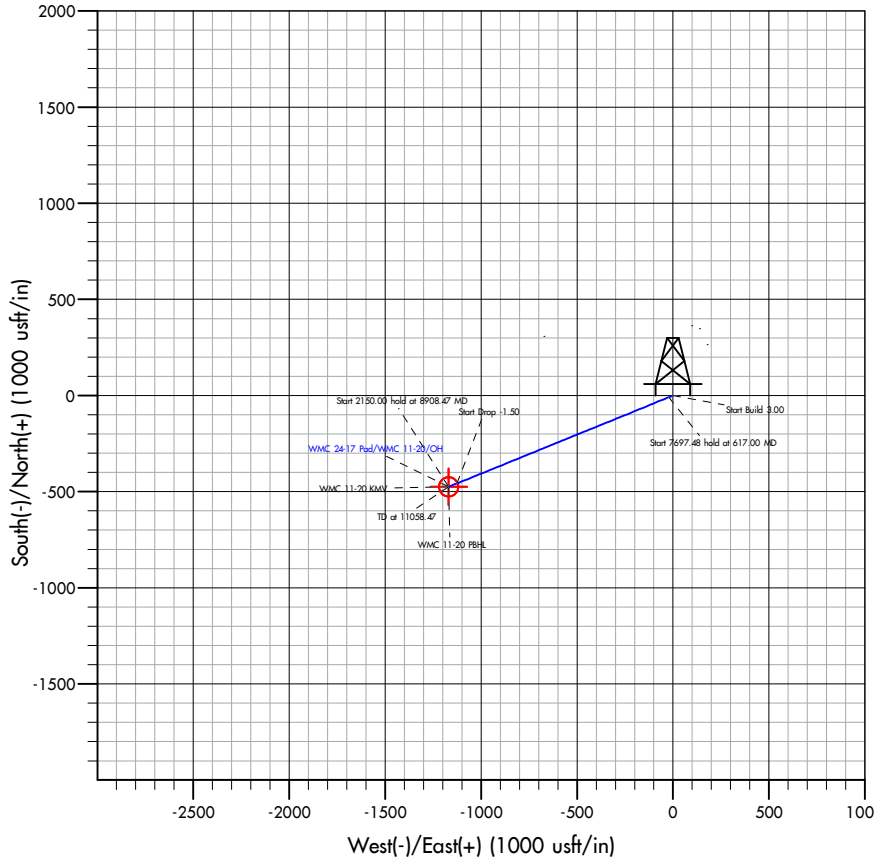
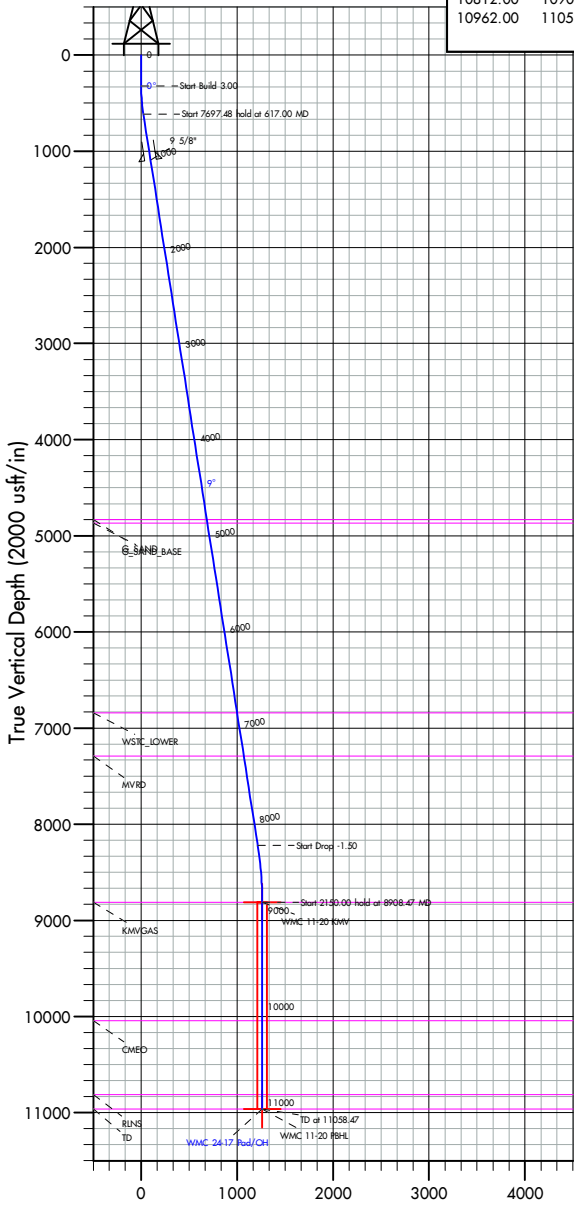
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4832.00	4884.69	G_SAND
4868.00	4921.13	G_SAND_BASE
6842.00	6919.24	WSTC_LOWER
7292.00	7374.74	MVRD
8812.00	8908.47	KMVGAS
10042.00	10138.47	CMEO
10812.00	10908.47	RLNS
10962.00	11058.47	TD

Azimuths to True North
 Magnetic North: 8.93°
 Magnetic Field
 Strength: 51314.7nT
 Dip Angle: 65.48°
 Date: 9/2/2020
 Model: HDGM2020

SLOTS

Slot Name	+N/-S	+E/-W	Northing	Easting
WMC 11-20	0.00	0.00	1593042.00	2350597.00
WMC 12-20	-5.35	14.04	1593036.30	2350610.90
WMC 13-20	-10.69	28.08	1593030.60	2350624.80
WMC 311-20	-9.39	-3.56	1593032.70	2350593.20
WMC 312-20	-14.74	10.48	1593027.00	2350607.10
WMC 32-20	-13.32	35.05	1593027.80	2350631.70
WMC 331-20	-21.29	56.16	1593019.30	2350652.60
WMC 33-20	-19.99	24.51	1593021.40	2350621.00
WMC 332-20	-27.96	45.52	1593012.90	2350641.80
WMC 411-20	-2.72	7.07	1593039.10	2350604.00
WMC 412-20	-7.97	21.01	1593033.50	2350617.80
WMC 431-20	-18.66	49.09	1593022.10	2350645.60
WMC 432-20	-25.33	38.55	1593015.70	2350634.90
WMC 511-20	-12.02	3.51	1593029.90	2350600.20
WMC 512-20	-17.36	17.55	1593024.20	2350614.10
WMC 531-20	-15.94	42.12	1593025.00	2350638.70
WMC 532-20	-22.71	31.58	1593018.50	2350628.00





Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 11-20 - Slot WMC 11-20
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 11-20	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 11-20 - Slot WMC 11-20					
Well Position	+N/-S	0.00 usft	Northing:	1,593,042.00 usft	Latitude:	39.439102
	+E/-W	0.00 usft	Easting:	2,350,597.00 usft	Longitude:	-107.799599
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	51,314.70000000

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	247.90

Plan Survey Tool Program	Date	10/7/2020		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	11,058.47 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	
617.00	8.91	247.90	615.80	-8.67	-21.35	3.00	3.00	0.00	247.90	
8,314.48	8.91	247.90	8,220.40	-457.19	-1,125.96	0.00	0.00	0.00	0.00	
8,908.47	0.00	0.00	8,812.00	-474.53	-1,168.66	1.50	-1.50	0.00	180.00	WMC 11-20 KMV
11,058.47	0.00	0.00	10,962.00	-474.53	-1,168.66	0.00	0.00	0.00	0.00	WMC 11-20 PBHL



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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 11-20	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	247.90	399.98	-0.63	-1.55	1.68	3.00	3.00	0.00
500.00	5.40	247.90	499.73	-3.19	-7.85	8.48	3.00	3.00	0.00
600.00	8.40	247.90	599.00	-7.71	-18.98	20.49	3.00	3.00	0.00
617.00	8.91	247.90	615.80	-8.67	-21.35	23.05	3.00	3.00	0.00
Start 7697.48 hold at 617.00 MD									
700.00	8.91	247.90	697.80	-13.51	-33.26	35.90	0.00	0.00	0.00
800.00	8.91	247.90	796.60	-19.33	-47.61	51.39	0.00	0.00	0.00
900.00	8.91	247.90	895.39	-25.16	-61.96	66.88	0.00	0.00	0.00
1,000.00	8.91	247.90	994.18	-30.99	-76.31	82.37	0.00	0.00	0.00
1,100.00	8.91	247.90	1,092.98	-36.81	-90.66	97.85	0.00	0.00	0.00
9 5/8"									
1,200.00	8.91	247.90	1,191.77	-42.64	-105.02	113.34	0.00	0.00	0.00
1,300.00	8.91	247.90	1,290.56	-48.47	-119.37	128.83	0.00	0.00	0.00
1,400.00	8.91	247.90	1,389.36	-54.29	-133.72	144.32	0.00	0.00	0.00
1,500.00	8.91	247.90	1,488.15	-60.12	-148.07	159.81	0.00	0.00	0.00
1,600.00	8.91	247.90	1,586.94	-65.95	-162.42	175.29	0.00	0.00	0.00
1,700.00	8.91	247.90	1,685.74	-71.78	-176.77	190.78	0.00	0.00	0.00
1,800.00	8.91	247.90	1,784.53	-77.60	-191.12	206.27	0.00	0.00	0.00
1,900.00	8.91	247.90	1,883.32	-83.43	-205.47	221.76	0.00	0.00	0.00
2,000.00	8.91	247.90	1,982.12	-89.26	-219.82	237.25	0.00	0.00	0.00
2,100.00	8.91	247.90	2,080.91	-95.08	-234.17	252.73	0.00	0.00	0.00
2,200.00	8.91	247.90	2,179.70	-100.91	-248.52	268.22	0.00	0.00	0.00
2,300.00	8.91	247.90	2,278.50	-106.74	-262.87	283.71	0.00	0.00	0.00
2,400.00	8.91	247.90	2,377.29	-112.56	-277.22	299.20	0.00	0.00	0.00
2,500.00	8.91	247.90	2,476.08	-118.39	-291.57	314.69	0.00	0.00	0.00
2,600.00	8.91	247.90	2,574.88	-124.22	-305.92	330.18	0.00	0.00	0.00
2,700.00	8.91	247.90	2,673.67	-130.04	-320.27	345.66	0.00	0.00	0.00
2,800.00	8.91	247.90	2,772.46	-135.87	-334.62	361.15	0.00	0.00	0.00
2,900.00	8.91	247.90	2,871.26	-141.70	-348.97	376.64	0.00	0.00	0.00
3,000.00	8.91	247.90	2,970.05	-147.52	-363.32	392.13	0.00	0.00	0.00
3,100.00	8.91	247.90	3,068.84	-153.35	-377.67	407.62	0.00	0.00	0.00
3,200.00	8.91	247.90	3,167.64	-159.18	-392.02	423.10	0.00	0.00	0.00
3,300.00	8.91	247.90	3,266.43	-165.00	-406.37	438.59	0.00	0.00	0.00
3,400.00	8.91	247.90	3,365.22	-170.83	-420.72	454.08	0.00	0.00	0.00
3,500.00	8.91	247.90	3,464.02	-176.66	-435.07	469.57	0.00	0.00	0.00
3,600.00	8.91	247.90	3,562.81	-182.49	-449.42	485.06	0.00	0.00	0.00
3,700.00	8.91	247.90	3,661.60	-188.31	-463.77	500.54	0.00	0.00	0.00
3,800.00	8.91	247.90	3,760.40	-194.14	-478.12	516.03	0.00	0.00	0.00
3,900.00	8.91	247.90	3,859.19	-199.97	-492.47	531.52	0.00	0.00	0.00
4,000.00	8.91	247.90	3,957.98	-205.79	-506.82	547.01	0.00	0.00	0.00
4,100.00	8.91	247.90	4,056.78	-211.62	-521.17	562.50	0.00	0.00	0.00
4,200.00	8.91	247.90	4,155.57	-217.45	-535.52	577.98	0.00	0.00	0.00
4,300.00	8.91	247.90	4,254.36	-223.27	-549.87	593.47	0.00	0.00	0.00
4,400.00	8.91	247.90	4,353.16	-229.10	-564.22	608.96	0.00	0.00	0.00
4,500.00	8.91	247.90	4,451.95	-234.93	-578.57	624.45	0.00	0.00	0.00
4,600.00	8.91	247.90	4,550.74	-240.75	-592.92	639.94	0.00	0.00	0.00
4,700.00	8.91	247.90	4,649.54	-246.58	-607.27	655.43	0.00	0.00	0.00



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Project:	Garfield Co., CO (NAD83)	MD Reference:	KB=24' @ 8892.00usft
Site:	WMC 24-17 Pad	North Reference:	True
Well:	WMC 11-20	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	8.91	247.90	4,748.33	-252.41	-621.62	670.91	0.00	0.00	0.00
4,884.69	8.91	247.90	4,832.00	-257.34	-633.78	684.03	0.00	0.00	0.00
G_SAND									
4,900.00	8.91	247.90	4,847.12	-258.23	-635.97	686.40	0.00	0.00	0.00
4,921.13	8.91	247.90	4,868.00	-259.47	-639.01	689.67	0.00	0.00	0.00
G_SAND_BASE									
5,000.00	8.91	247.90	4,945.92	-264.06	-650.32	701.89	0.00	0.00	0.00
5,100.00	8.91	247.90	5,044.71	-269.89	-664.67	717.38	0.00	0.00	0.00
5,200.00	8.91	247.90	5,143.50	-275.71	-679.02	732.87	0.00	0.00	0.00
5,300.00	8.91	247.90	5,242.30	-281.54	-693.37	748.35	0.00	0.00	0.00
5,400.00	8.91	247.90	5,341.09	-287.37	-707.72	763.84	0.00	0.00	0.00
5,500.00	8.91	247.90	5,439.88	-293.20	-722.07	779.33	0.00	0.00	0.00
5,600.00	8.91	247.90	5,538.68	-299.02	-736.42	794.82	0.00	0.00	0.00
5,700.00	8.91	247.90	5,637.47	-304.85	-750.77	810.31	0.00	0.00	0.00
5,800.00	8.91	247.90	5,736.26	-310.68	-765.13	825.79	0.00	0.00	0.00
5,900.00	8.91	247.90	5,835.06	-316.50	-779.48	841.28	0.00	0.00	0.00
6,000.00	8.91	247.90	5,933.85	-322.33	-793.83	856.77	0.00	0.00	0.00
6,100.00	8.91	247.90	6,032.64	-328.16	-808.18	872.26	0.00	0.00	0.00
6,200.00	8.91	247.90	6,131.44	-333.98	-822.53	887.75	0.00	0.00	0.00
6,300.00	8.91	247.90	6,230.23	-339.81	-836.88	903.23	0.00	0.00	0.00
6,400.00	8.91	247.90	6,329.02	-345.64	-851.23	918.72	0.00	0.00	0.00
6,500.00	8.91	247.90	6,427.82	-351.46	-865.58	934.21	0.00	0.00	0.00
6,600.00	8.91	247.90	6,526.61	-357.29	-879.93	949.70	0.00	0.00	0.00
6,700.00	8.91	247.90	6,625.40	-363.12	-894.28	965.19	0.00	0.00	0.00
6,800.00	8.91	247.90	6,724.20	-368.94	-908.63	980.68	0.00	0.00	0.00
6,900.00	8.91	247.90	6,822.99	-374.77	-922.98	996.16	0.00	0.00	0.00
6,919.24	8.91	247.90	6,842.00	-375.89	-925.74	999.14	0.00	0.00	0.00
WSTC_LOWER									
7,000.00	8.91	247.90	6,921.78	-380.60	-937.33	1,011.65	0.00	0.00	0.00
7,100.00	8.91	247.90	7,020.58	-386.43	-951.68	1,027.14	0.00	0.00	0.00
7,200.00	8.91	247.90	7,119.37	-392.25	-966.03	1,042.63	0.00	0.00	0.00
7,300.00	8.91	247.90	7,218.16	-398.08	-980.38	1,058.12	0.00	0.00	0.00
7,374.74	8.91	247.90	7,292.00	-402.43	-991.10	1,069.69	0.00	0.00	0.00
MVRD									
7,400.00	8.91	247.90	7,316.96	-403.91	-994.73	1,073.60	0.00	0.00	0.00
7,500.00	8.91	247.90	7,415.75	-409.73	-1,009.08	1,089.09	0.00	0.00	0.00
7,600.00	8.91	247.90	7,514.54	-415.56	-1,023.43	1,104.58	0.00	0.00	0.00
7,700.00	8.91	247.90	7,613.34	-421.39	-1,037.78	1,120.07	0.00	0.00	0.00
7,800.00	8.91	247.90	7,712.13	-427.21	-1,052.13	1,135.56	0.00	0.00	0.00
7,900.00	8.91	247.90	7,810.92	-433.04	-1,066.48	1,151.04	0.00	0.00	0.00
8,000.00	8.91	247.90	7,909.72	-438.87	-1,080.83	1,166.53	0.00	0.00	0.00
8,100.00	8.91	247.90	8,008.51	-444.69	-1,095.18	1,182.02	0.00	0.00	0.00
8,200.00	8.91	247.90	8,107.30	-450.52	-1,109.53	1,197.51	0.00	0.00	0.00
8,300.00	8.91	247.90	8,206.09	-456.35	-1,123.88	1,213.00	0.00	0.00	0.00
8,314.48	8.91	247.90	8,220.40	-457.19	-1,125.96	1,215.24	0.00	0.00	0.00
Start Drop -1.50									
8,400.00	7.63	247.90	8,305.03	-461.82	-1,137.35	1,227.54	1.50	-1.50	0.00
8,500.00	6.13	247.90	8,404.31	-466.32	-1,148.45	1,239.51	1.50	-1.50	0.00
8,600.00	4.63	247.90	8,503.86	-469.85	-1,157.13	1,248.88	1.50	-1.50	0.00
8,700.00	3.13	247.90	8,603.63	-472.39	-1,163.39	1,255.64	1.50	-1.50	0.00
8,800.00	1.63	247.90	8,703.54	-473.95	-1,167.24	1,259.79	1.50	-1.50	0.00
8,908.47	0.00	0.00	8,812.00	-474.53	-1,168.66	1,261.33	1.50	-1.50	0.00
Start 2150.00 hold at 8908.47 MD - KMGAS									



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 11-20 - Slot WMC 11-20
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 11-20	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)	
9,000.00	0.00	0.00	8,903.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,100.00	0.00	0.00	9,003.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,200.00	0.00	0.00	9,103.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,300.00	0.00	0.00	9,203.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,400.00	0.00	0.00	9,303.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,500.00	0.00	0.00	9,403.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,600.00	0.00	0.00	9,503.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,700.00	0.00	0.00	9,603.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,800.00	0.00	0.00	9,703.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
9,900.00	0.00	0.00	9,803.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,000.00	0.00	0.00	9,903.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,100.00	0.00	0.00	10,003.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,138.47	0.00	0.00	10,042.00	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
CMEO										
10,200.00	0.00	0.00	10,103.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,300.00	0.00	0.00	10,203.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,400.00	0.00	0.00	10,303.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,500.00	0.00	0.00	10,403.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,600.00	0.00	0.00	10,503.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,700.00	0.00	0.00	10,603.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,800.00	0.00	0.00	10,703.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,900.00	0.00	0.00	10,803.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
10,908.47	0.00	0.00	10,812.00	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
RLNS										
11,000.00	0.00	0.00	10,903.53	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
11,058.47	0.00	0.00	10,962.00	-474.53	-1,168.66	1,261.33	0.00	0.00	0.00	
TD at 11058.47 - TD										

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
WMC 11-20 KMV - hit/miss target - Shape	0.00	0.00	8,812.00	-474.53	-1,168.66	1,592,597.20	2,349,416.70	39.437799	-107.803737
WMC 11-20 PBHL - plan hits target center - Point	0.00	0.00	10,962.00	-474.53	-1,168.66	1,592,597.20	2,349,416.70	39.437799	-107.803737

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,100.00	1,092.98	9 5/8"	9-5/8	13-1/2	

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well WMC 11-20 - Slot WMC 11-20
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 11-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,884.69	4,832.00	G_SAND				
4,921.13	4,868.00	G_SAND_BASE				
6,919.24	6,842.00	WSTC_LOWER				
7,374.74	7,292.00	MVRD				
8,908.47	8,812.00	KMVGAS				
10,138.47	10,042.00	CMEO				
10,908.47	10,812.00	RLNS				
11,058.47	10,962.00	TD				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
320.00	320.00	0.00	0.00	Start Build 3.00	
617.00	615.80	-8.67	-21.35	Start 7697.48 hold at 617.00 MD	
8,314.48	8,220.40	-457.19	-1,125.96	Start Drop -1.50	
8,908.47	8,812.00	-474.53	-1,168.66	Start 2150.00 hold at 8908.47 MD	
11,058.47	10,962.00	-474.53	-1,168.66	TD at 11058.47	