

PROJECT DETAILS: Garfield County, CO (Nad 83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Central Zone
 System Datum: Mean Sea Level

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Honea Pad, True North
 Vertical (TVD) Reference: KB @ 8593.00usft
 Section (VS) Reference: Slot - WMC 44-24-794(12.36N, -1.72E)
 Measured Depth Reference: KB @ 8593.00usft
 Calculation Method: Minimum Curvature

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
WMC 44-24-794 - VP	7508.00	-2249.29	-1633.43	1586355.00	2342260.60	39.420166	-107.828499	Circle (Radius: 50.00)
WMC 44-24-794 - PBHL	10783.00	-2249.29	-1633.43	1586355.00	2342260.60	39.420166	-107.828499	Point

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
180.00	0.00	0.00	180.00	12.36	-1.72	0.00	0.00	Start Build 3.00
1001.84	24.66	215.81	976.71	-128.84	-103.59	174.11	174.11	Start 5433.19 hold at 1001.84 MD
6435.03	24.66	215.81	5914.58	-1966.89	-1429.69	2440.60	2440.60	Start Drop -1.50
8078.71	0.00	0.00	7508.00	-2249.29	-1633.43	2788.83	2788.83	Start 3275.00 hold at 8078.71 MD
11353.71	0.00	0.00	10783.00	-2249.29	-1633.43	2788.83	2788.83	TD at 11353.71

WELL DETAILS: WMC 44-24-794

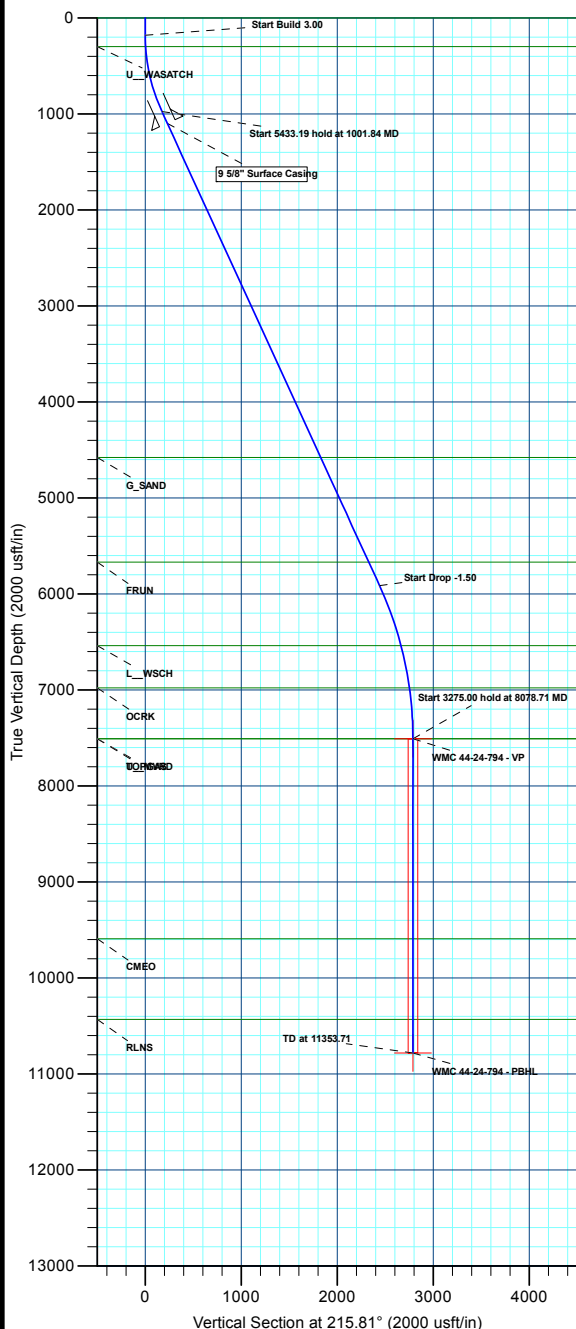
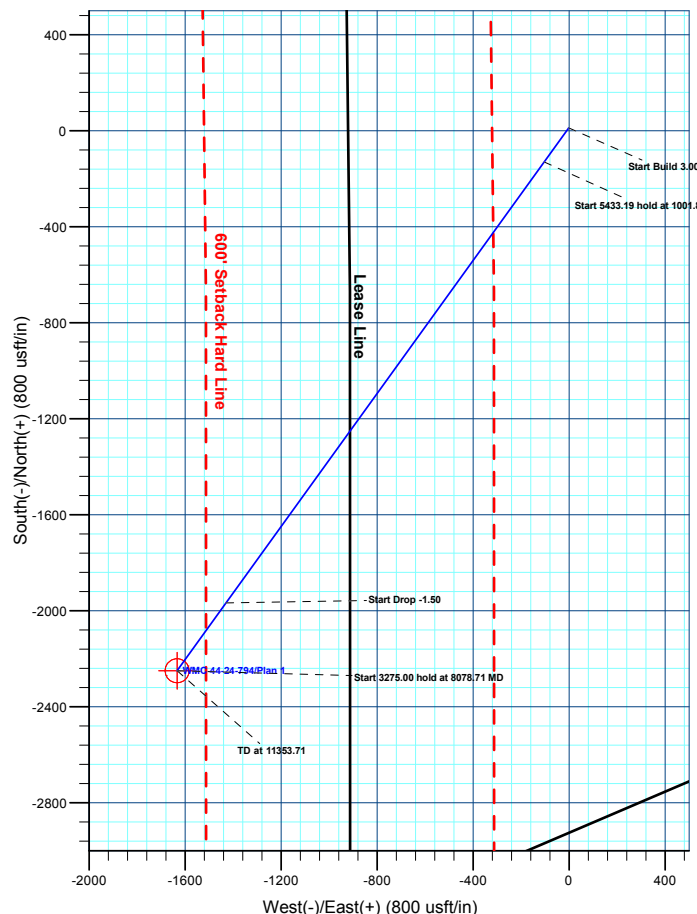
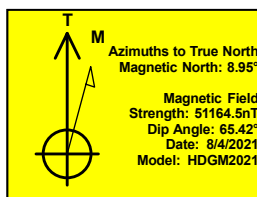
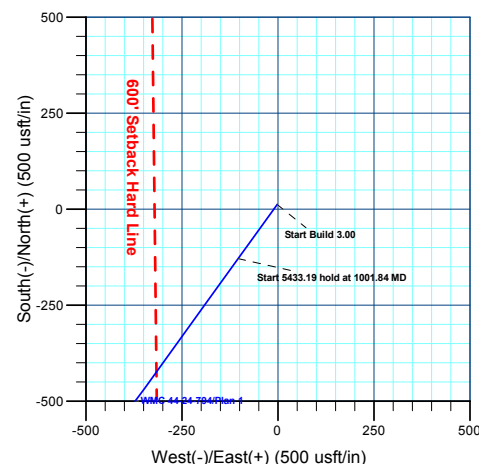
+N/-S	+E/-W	Northing	Ground Elev:	8563.00	Latitude	Longitude	Slot
12.36	-1.72	1588574.20	Easting	2343949.60	39.426375	-107.822723	WMC 44-24-794

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
0.00	0.00	GRRV
300.00	300.08	U_WASATCH
4578.00	4964.38	G_SAND
5668.00	6163.71	FRUN
6538.00	7097.97	L_WSCH
6978.00	7546.99	OCRK
7508.00	8078.71	TOPGAS
7508.00	8078.71	U_MVRD
9593.00	10163.71	CMEO
10433.00	11003.71	RLNS

CASING DETAILS

TVD	MD	Name	Size
1100.00	1137.50	9 5/8" Surface Casing	9-5/8



Plan: Plan 1 (WMC 44-24-794/Wellbore #1)

Created By: Chase Chambers Date: 13:54, January 26 2022



Terra Energy Partners, LLP

Garfield County, CO (Nad 83)

Honea Pad

WMC 44-24-794 - Slot WMC 44-24-794

Wellbore #1

Plan: Plan 1

KLX Well Planning Report

26 January, 2022



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Honea Pad
Company:	Terra Energy Partners, LLP	TVD Reference:	KB @ 8593.00usft
Project:	Garfield County, CO (Nad 83)	MD Reference:	KB @ 8593.00usft
Site:	Honea Pad	North Reference:	True
Well:	WMC 44-24-794	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1		

Project	Garfield County, CO (Nad 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site	Honea Pad				
Site Position:		Northing:	1,588,561.80 usft	Latitude:	39.426341
From:	Map	Easting:	2,343,951.00 usft	Longitude:	-107.822717
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.46 °

Well	WMC 44-24-794 - Slot WMC 44-24-794					
Well Position	+N/-S	12.36 usft	Northing:	1,588,574.20 usft	Latitude:	39.426375
	+E/-W	-1.72 usft	Easting:	2,343,949.60 usft	Longitude:	-107.822723
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	8,563.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021	8/4/2021	8.95	65.42	51,164.50000000

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	12.36	-1.72	215.81

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	12.36	-1.72	0.00	0.00	0.00	0.00	
180.00	0.00	0.00	180.00	12.36	-1.72	0.00	0.00	0.00	0.00	
1,001.84	24.66	215.81	976.71	-128.84	-103.59	3.00	3.00	0.00	215.81	
6,435.03	24.66	215.81	5,914.58	-1,966.89	-1,429.69	0.00	0.00	0.00	0.00	
8,078.71	0.00	0.00	7,508.00	-2,249.29	-1,633.43	1.50	-1.50	0.00	180.00	WMC 44-24-794 - VP
11,353.71	0.00	0.00	10,783.00	-2,249.29	-1,633.43	0.00	0.00	0.00	0.00	WMC 44-24-794 - PB

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Honea Pad
Company:	Terra Energy Partners, LLP	TVD Reference:	KB @ 8593.00usft
Project:	Garfield County, CO (Nad 83)	MD Reference:	KB @ 8593.00usft
Site:	Honea Pad	North Reference:	True
Well:	WMC 44-24-794	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
GRRV									
0.00	0.00	0.00	0.00	12.36	-1.72	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	12.36	-1.72	0.00	0.00	0.00	0.00
Start Build 3.00									
180.00	0.00	0.00	180.00	12.36	-1.72	0.00	0.00	0.00	0.00
200.00	0.60	215.81	200.00	12.28	-1.78	0.10	3.00	3.00	0.00
300.00	3.60	215.81	299.92	9.30	-3.92	3.77	3.00	3.00	0.00
U_WASATCH									
300.08	3.60	215.81	300.00	9.30	-3.92	3.77	0.00	0.00	0.00
400.00	6.60	215.81	399.51	2.10	-9.12	12.66	3.00	3.00	0.00
500.00	9.60	215.81	498.50	-9.33	-17.37	26.75	3.00	3.00	0.00
600.00	12.60	215.81	596.62	-24.94	-28.63	46.00	3.00	3.00	0.00
700.00	15.60	215.81	693.60	-44.69	-42.88	70.35	3.00	3.00	0.00
800.00	18.60	215.81	789.17	-68.54	-60.08	99.75	3.00	3.00	0.00
900.00	21.60	215.81	883.07	-96.40	-80.19	134.12	3.00	3.00	0.00
Start 5433.19 hold at 1001.84 MD									
1,001.84	24.66	215.81	976.71	-128.84	-103.59	174.11	3.00	3.00	0.00
1,100.00	24.66	215.81	1,065.92	-162.05	-127.55	215.06	0.00	0.00	0.00
9 5/8" Surface Casing									
1,137.50	24.66	215.81	1,100.00	-174.73	-136.70	230.70	0.00	0.00	0.00
1,200.00	24.66	215.81	1,156.81	-195.88	-151.95	256.78	0.00	0.00	0.00
1,300.00	24.66	215.81	1,247.69	-229.71	-176.36	298.49	0.00	0.00	0.00
1,400.00	24.66	215.81	1,338.57	-263.54	-200.77	340.21	0.00	0.00	0.00
1,500.00	24.66	215.81	1,429.46	-297.37	-225.18	381.92	0.00	0.00	0.00
1,600.00	24.66	215.81	1,520.34	-331.20	-249.58	423.64	0.00	0.00	0.00
1,700.00	24.66	215.81	1,611.22	-365.03	-273.99	465.36	0.00	0.00	0.00
1,800.00	24.66	215.81	1,702.11	-398.86	-298.40	507.07	0.00	0.00	0.00
1,900.00	24.66	215.81	1,792.99	-432.69	-322.81	548.79	0.00	0.00	0.00
2,000.00	24.66	215.81	1,883.87	-466.52	-347.21	590.50	0.00	0.00	0.00
2,100.00	24.66	215.81	1,974.76	-500.35	-371.62	632.22	0.00	0.00	0.00
2,200.00	24.66	215.81	2,065.64	-534.18	-396.03	673.93	0.00	0.00	0.00
2,300.00	24.66	215.81	2,156.52	-568.01	-420.44	715.65	0.00	0.00	0.00
2,400.00	24.66	215.81	2,247.41	-601.84	-444.84	757.36	0.00	0.00	0.00
2,500.00	24.66	215.81	2,338.29	-635.67	-469.25	799.08	0.00	0.00	0.00
2,600.00	24.66	215.81	2,429.17	-669.50	-493.66	840.80	0.00	0.00	0.00
2,700.00	24.66	215.81	2,520.06	-703.33	-518.06	882.51	0.00	0.00	0.00
2,800.00	24.66	215.81	2,610.94	-737.16	-542.47	924.23	0.00	0.00	0.00
2,900.00	24.66	215.81	2,701.82	-770.99	-566.88	965.94	0.00	0.00	0.00
3,000.00	24.66	215.81	2,792.71	-804.82	-591.29	1,007.66	0.00	0.00	0.00
3,100.00	24.66	215.81	2,883.59	-838.65	-615.69	1,049.37	0.00	0.00	0.00
3,200.00	24.66	215.81	2,974.47	-872.48	-640.10	1,091.09	0.00	0.00	0.00
3,300.00	24.66	215.81	3,065.36	-906.31	-664.51	1,132.81	0.00	0.00	0.00
3,400.00	24.66	215.81	3,156.24	-940.14	-688.92	1,174.52	0.00	0.00	0.00
3,500.00	24.66	215.81	3,247.12	-973.97	-713.32	1,216.24	0.00	0.00	0.00
3,600.00	24.66	215.81	3,338.01	-1,007.80	-737.73	1,257.95	0.00	0.00	0.00
3,700.00	24.66	215.81	3,428.89	-1,041.63	-762.14	1,299.67	0.00	0.00	0.00
3,800.00	24.66	215.81	3,519.78	-1,075.46	-786.55	1,341.38	0.00	0.00	0.00
3,900.00	24.66	215.81	3,610.66	-1,109.29	-810.95	1,383.10	0.00	0.00	0.00
4,000.00	24.66	215.81	3,701.54	-1,143.12	-835.36	1,424.82	0.00	0.00	0.00
4,100.00	24.66	215.81	3,792.43	-1,176.95	-859.77	1,466.53	0.00	0.00	0.00
4,200.00	24.66	215.81	3,883.31	-1,210.78	-884.18	1,508.25	0.00	0.00	0.00
4,300.00	24.66	215.81	3,974.19	-1,244.61	-908.58	1,549.96	0.00	0.00	0.00
4,400.00	24.66	215.81	4,065.08	-1,278.44	-932.99	1,591.68	0.00	0.00	0.00
4,500.00	24.66	215.81	4,155.96	-1,312.27	-957.40	1,633.39	0.00	0.00	0.00

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Company:	Terra Energy Partners, LLP	TVD Reference:	KB @ 8593.00usft
Project:	Garfield County, CO (Nad 83)	MD Reference:	KB @ 8593.00usft
Site:	Honea Pad	North Reference:	True
Well:	WMC 44-24-794	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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	24.66	215.81	4,246.84	-1,346.10	-981.81	1,675.11	0.00	0.00	0.00
4,700.00	24.66	215.81	4,337.73	-1,379.93	-1,006.21	1,716.83	0.00	0.00	0.00
4,800.00	24.66	215.81	4,428.61	-1,413.76	-1,030.62	1,758.54	0.00	0.00	0.00
4,900.00	24.66	215.81	4,519.49	-1,447.59	-1,055.03	1,800.26	0.00	0.00	0.00
G_SAND									
4,964.38	24.66	215.81	4,578.00	-1,469.37	-1,070.74	1,827.11	0.00	0.00	0.00
5,000.00	24.66	215.81	4,610.38	-1,481.42	-1,079.43	1,841.97	0.00	0.00	0.00
5,100.00	24.66	215.81	4,701.26	-1,515.25	-1,103.84	1,883.69	0.00	0.00	0.00
5,200.00	24.66	215.81	4,792.14	-1,549.08	-1,128.25	1,925.40	0.00	0.00	0.00
5,300.00	24.66	215.81	4,883.03	-1,582.91	-1,152.66	1,967.12	0.00	0.00	0.00
5,400.00	24.66	215.81	4,973.91	-1,616.74	-1,177.06	2,008.83	0.00	0.00	0.00
5,500.00	24.66	215.81	5,064.79	-1,650.57	-1,201.47	2,050.55	0.00	0.00	0.00
5,600.00	24.66	215.81	5,155.68	-1,684.40	-1,225.88	2,092.27	0.00	0.00	0.00
5,700.00	24.66	215.81	5,246.56	-1,718.23	-1,250.29	2,133.98	0.00	0.00	0.00
5,800.00	24.66	215.81	5,337.44	-1,752.06	-1,274.69	2,175.70	0.00	0.00	0.00
5,900.00	24.66	215.81	5,428.33	-1,785.89	-1,299.10	2,217.41	0.00	0.00	0.00
6,000.00	24.66	215.81	5,519.21	-1,819.72	-1,323.51	2,259.13	0.00	0.00	0.00
6,100.00	24.66	215.81	5,610.09	-1,853.55	-1,347.92	2,300.84	0.00	0.00	0.00
FRUN									
6,163.71	24.66	215.81	5,668.00	-1,875.11	-1,363.47	2,327.42	0.00	0.00	0.00
6,200.00	24.66	215.81	5,700.98	-1,887.38	-1,372.32	2,342.56	0.00	0.00	0.00
6,300.00	24.66	215.81	5,791.86	-1,921.21	-1,396.73	2,384.28	0.00	0.00	0.00
6,400.00	24.66	215.81	5,882.75	-1,955.04	-1,421.14	2,425.99	0.00	0.00	0.00
Start Drop -1.50									
6,435.03	24.66	215.81	5,914.58	-1,966.89	-1,429.69	2,440.60	0.00	0.00	0.00
6,500.00	23.68	215.81	5,973.86	-1,988.46	-1,445.25	2,467.20	1.50	-1.50	0.00
6,600.00	22.18	215.81	6,065.95	-2,020.06	-1,468.05	2,506.16	1.50	-1.50	0.00
6,700.00	20.68	215.81	6,159.03	-2,049.69	-1,489.42	2,542.70	1.50	-1.50	0.00
6,800.00	19.18	215.81	6,253.04	-2,077.33	-1,509.37	2,576.79	1.50	-1.50	0.00
6,900.00	17.68	215.81	6,347.91	-2,102.97	-1,527.87	2,608.40	1.50	-1.50	0.00
7,000.00	16.18	215.81	6,443.57	-2,126.59	-1,544.90	2,637.52	1.50	-1.50	0.00
L_WSCH									
7,097.97	14.71	215.81	6,538.00	-2,147.75	-1,560.17	2,663.61	1.50	-1.50	0.00
7,100.00	14.68	215.81	6,539.97	-2,148.17	-1,560.47	2,664.13	1.50	-1.50	0.00
7,200.00	13.18	215.81	6,637.02	-2,167.69	-1,574.56	2,688.20	1.50	-1.50	0.00
7,300.00	11.68	215.81	6,734.68	-2,185.14	-1,587.15	2,709.73	1.50	-1.50	0.00
7,400.00	10.18	215.81	6,832.86	-2,200.52	-1,598.24	2,728.69	1.50	-1.50	0.00
7,500.00	8.68	215.81	6,931.50	-2,213.81	-1,607.83	2,745.07	1.50	-1.50	0.00
OCRK									
7,546.99	7.98	215.81	6,978.00	-2,219.33	-1,611.81	2,751.88	1.50	-1.50	0.00
7,600.00	7.18	215.81	7,030.54	-2,225.00	-1,615.90	2,758.87	1.50	-1.50	0.00
7,700.00	5.68	215.81	7,129.91	-2,234.08	-1,622.46	2,770.07	1.50	-1.50	0.00
7,800.00	4.18	215.81	7,229.54	-2,241.05	-1,627.48	2,778.67	1.50	-1.50	0.00
7,900.00	2.68	215.81	7,329.36	-2,245.90	-1,630.99	2,784.65	1.50	-1.50	0.00
8,000.00	1.18	215.81	7,429.30	-2,248.64	-1,632.96	2,788.02	1.50	-1.50	0.00
Start 3275.00 hold at 8078.71 MD - U_MVRD - TOPGAS									
8,078.71	0.00	0.00	7,508.00	-2,249.29	-1,633.43	2,788.83	1.50	-1.50	0.00
8,100.00	0.00	0.00	7,529.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,200.00	0.00	0.00	7,629.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,300.00	0.00	0.00	7,729.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,400.00	0.00	0.00	7,829.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,500.00	0.00	0.00	7,929.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,600.00	0.00	0.00	8,029.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00

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Site:	Honea Pad	North Reference:	True
Well:	WMC 44-24-794	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
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)
8,700.00	0.00	0.00	8,129.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,800.00	0.00	0.00	8,229.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
8,900.00	0.00	0.00	8,329.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,000.00	0.00	0.00	8,429.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,100.00	0.00	0.00	8,529.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,200.00	0.00	0.00	8,629.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,300.00	0.00	0.00	8,729.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,400.00	0.00	0.00	8,829.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,500.00	0.00	0.00	8,929.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,600.00	0.00	0.00	9,029.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,700.00	0.00	0.00	9,129.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,800.00	0.00	0.00	9,229.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
9,900.00	0.00	0.00	9,329.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,000.00	0.00	0.00	9,429.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,100.00	0.00	0.00	9,529.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
CMEO									
10,163.71	0.00	0.00	9,593.00	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,200.00	0.00	0.00	9,629.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,300.00	0.00	0.00	9,729.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,400.00	0.00	0.00	9,829.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,500.00	0.00	0.00	9,929.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,600.00	0.00	0.00	10,029.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,700.00	0.00	0.00	10,129.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,800.00	0.00	0.00	10,229.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
10,900.00	0.00	0.00	10,329.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
11,000.00	0.00	0.00	10,429.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
RLNS									
11,003.71	0.00	0.00	10,433.00	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
11,100.00	0.00	0.00	10,529.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
11,200.00	0.00	0.00	10,629.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
11,300.00	0.00	0.00	10,729.29	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00
TD at 11353.71									
11,353.71	0.00	0.00	10,783.00	-2,249.29	-1,633.43	2,788.83	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
WMC 44-24-794 - VP - plan hits target center - Circle (radius 50.00)	0.00	0.00	7,508.00	-2,249.29	-1,633.43	1,586,355.00	2,342,260.60	39.420166	-107.828499
WMC 44-24-794 - PBHL - plan hits target center - Point	0.00	0.00	10,783.00	-2,249.29	-1,633.43	1,586,355.00	2,342,260.60	39.420166	-107.828499

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Honea Pad
Company:	Terra Energy Partners, LLP	TVD Reference:	KB @ 8593.00usft
Project:	Garfield County, CO (Nad 83)	MD Reference:	KB @ 8593.00usft
Site:	Honea Pad	North Reference:	True
Well:	WMC 44-24-794	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1		

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,137.50	1,100.00	9 5/8" Surface Casing	9-5/8	12-1/4

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
0.00	0.00	GRRV				
300.08	300.00	U__WASATCH				
4,964.38	4,578.00	G_SAND				
6,163.71	5,668.00	FRUN				
7,097.97	6,538.00	L__WSCH				
7,546.99	6,978.00	OCRK				
8,078.71	7,508.00	U__MVRD				
8,078.71	7,508.00	TOPGAS				
10,163.71	9,593.00	CMEQ				
11,003.71	10,433.00	RLNS				

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
180.00	180.00	12.36	-1.72	Start Build 3.00
1,001.84	976.71	-128.84	-103.59	Start 5433.19 hold at 1001.84 MD
6,435.03	5,914.58	-1,966.89	-1,429.69	Start Drop -1.50
8,078.71	7,508.00	-2,249.29	-1,633.43	Start 3275.00 hold at 8078.71 MD
11,353.71	10,783.00	-2,249.29	-1,633.43	TD at 11353.71