

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

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

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
WMC 444-24-794 - VP	7468.00	-2969.57	-1635.02	1585635.00	2342240.60	39.418188	-107.828504	Circle (Radius: 50.00)
WMC 444-24-794 - PBHL	10743.00	-2969.57	-1635.02	1585635.00	2342240.60	39.418188	-107.828504	Point

REFERENCE INFORMATION

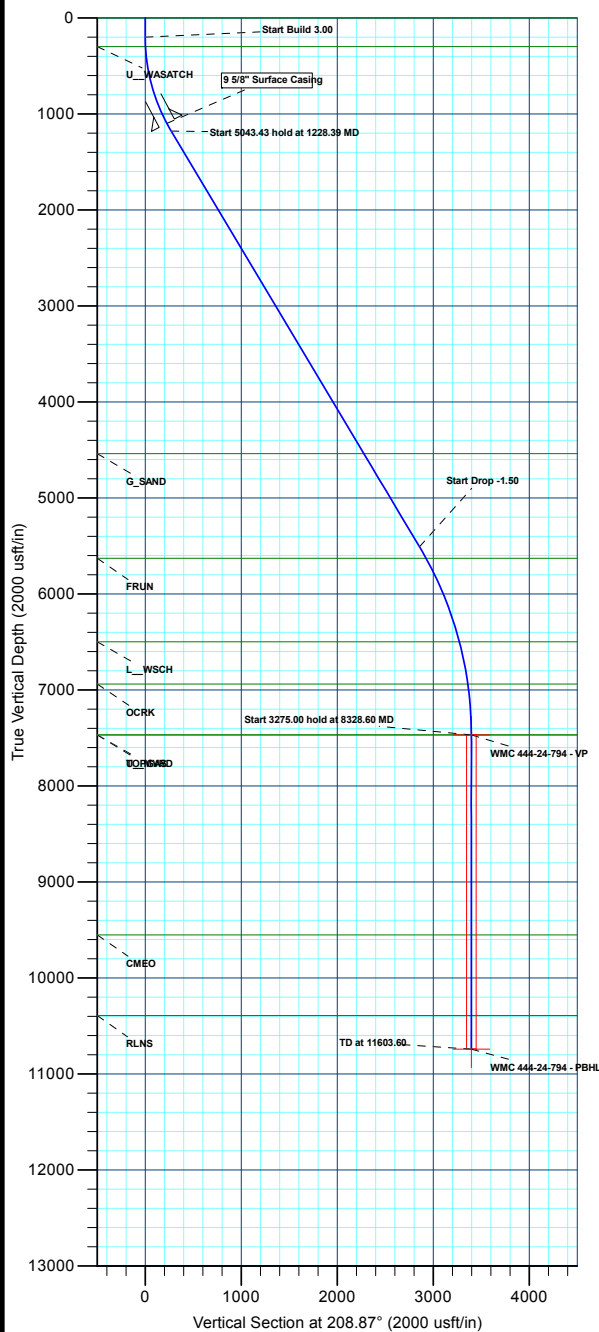
Co-ordinate (N/E) Reference: Site Honea Pad, True North
 Vertical (TVD) Reference: KB @ 8593.00usft
 Section (VS) Reference: Slot - WMC 444-24-794(5.24N, 5.37E)
 Measured Depth Reference: KB @ 8593.00usft
 Calculation Method: Minimum Curvature

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
200.00	0.00	0.00	200.00	5.24	5.37	0.00	0.00	Start Build 3.00
1228.39	30.85	208.87	1179.41	-231.42	-125.13	270.25	270.25	Start 5043.43 hold at 1228.39 MD
6271.82	30.85	208.87	5509.18	-2496.26	-1374.02	2856.61	2856.61	Start Drop -1.50
8328.60	0.00	0.00	7468.00	-2969.57	-1635.02	3397.11	3397.11	Start 3275.00 hold at 8328.60 MD
11603.60	0.00	0.00	10743.00	-2969.57	-1635.02	3397.11	3397.11	TD at 11603.60

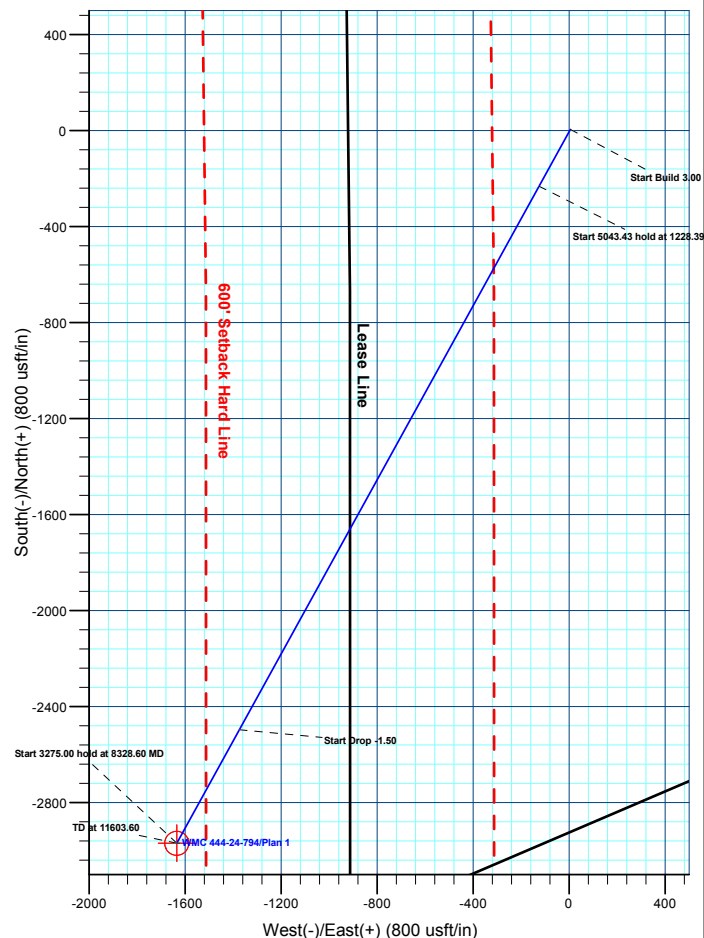
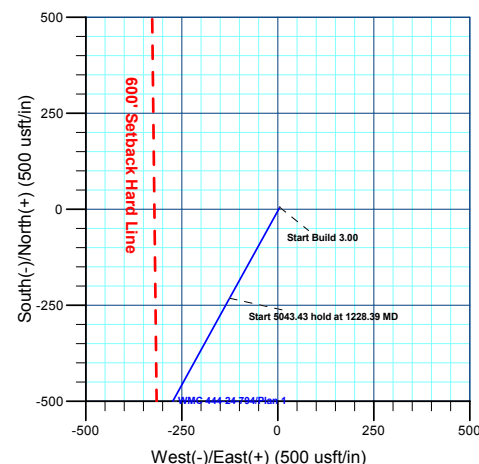
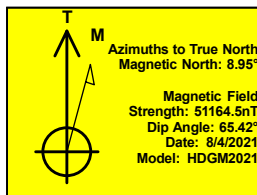
WELL DETAILS: WMC 444-24-794

+N/-S	+E/-W	Northing	Ground Elev.	8563.00	Longitude	Slot
5.24	5.37	1588566.90	Easting	2343956.50	Latitude	39.426355
					Longitude	-107.822698
						WMC 444-24-794



FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
0.00	0.00	GRRV	
300.00	300.05	U_WASATCH	
4538.00	5140.56	G_SAND	
5628.00	6408.79	FRUN	
6498.00	7347.86	L_WSCH	
6938.00	7796.88	OCRK	
7468.00	8328.60	TOPGAS	
7468.00	8328.60	U_MVRD	
9553.00	10413.60	CMEO	
10393.00	11253.60	RLNS	

CASING DETAILS			
TVD	MD	Name	Size
1100.00	1137.16	9 5/8" Surface Casing	9-5/8



Plan: Plan 1 (WMC 444-24-794/Wellbore #1)

Created By: Chase Chambers Date: 13:57, January 26 2022



Terra Energy Partners, LLP

Garfield County, CO (Nad 83)

Honea Pad

WMC 444-24-794 - Slot WMC 444-24-794

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 444-24-794	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 444-24-794 - Slot WMC 444-24-794					
Well Position	+N/-S	5.24 usft	Northing:	1,588,566.90 usft	Latitude:	39.426356
	+E/-W	5.37 usft	Easting:	2,343,956.50 usft	Longitude:	-107.822698
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	5.24	5.37	208.87

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	5.24	5.37	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	5.24	5.37	0.00	0.00	0.00	0.00	
1,228.39	30.85	208.87	1,179.41	-231.42	-125.13	3.00	3.00	0.00	208.87	
6,271.82	30.85	208.87	5,509.18	-2,496.26	-1,374.02	0.00	0.00	0.00	0.00	
8,328.60	0.00	0.00	7,468.00	-2,969.57	-1,635.02	1.50	-1.50	0.00	180.00	WMC 444-24-794 - VI
11,603.60	0.00	0.00	10,743.00	-2,969.57	-1,635.02	0.00	0.00	0.00	0.00	WMC 444-24-794 - PI

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 444-24-794	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	5.24	5.37	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	5.24	5.37	0.00	0.00	0.00	0.00
Start Build 3.00									
200.00	0.00	0.00	200.00	5.24	5.37	0.00	0.00	0.00	0.00
300.00	3.00	208.87	299.95	2.95	4.10	2.62	3.00	3.00	0.00
U_WASATCH									
300.05	3.00	208.87	300.00	2.94	4.10	2.62	0.00	0.00	0.00
400.00	6.00	208.87	399.63	-3.92	0.32	10.46	3.00	3.00	0.00
500.00	9.00	208.87	498.77	-15.35	-5.99	23.51	3.00	3.00	0.00
600.00	12.00	208.87	597.08	-31.31	-14.79	41.74	3.00	3.00	0.00
700.00	15.00	208.87	694.31	-51.75	-26.06	65.08	3.00	3.00	0.00
800.00	18.00	208.87	790.18	-76.62	-39.77	93.48	3.00	3.00	0.00
900.00	21.00	208.87	884.43	-105.84	-55.89	126.85	3.00	3.00	0.00
1,000.00	24.00	208.87	976.81	-139.35	-74.36	165.12	3.00	3.00	0.00
1,100.00	27.00	208.87	1,067.06	-177.05	-95.15	208.16	3.00	3.00	0.00
9 5/8" Surface Casing									
1,137.16	28.11	208.87	1,100.00	-192.10	-103.45	225.35	3.00	3.00	0.00
1,200.00	30.00	208.87	1,154.93	-218.83	-118.19	255.87	3.00	3.00	0.00
Start 5043.43 hold at 1228.39 MD									
1,228.39	30.85	208.87	1,179.41	-231.42	-125.13	270.25	3.00	3.00	0.00
1,300.00	30.85	208.87	1,240.89	-263.57	-142.86	306.97	0.00	0.00	0.00
1,400.00	30.85	208.87	1,326.74	-308.48	-167.63	358.25	0.00	0.00	0.00
1,500.00	30.85	208.87	1,412.59	-353.39	-192.39	409.54	0.00	0.00	0.00
1,600.00	30.85	208.87	1,498.44	-398.29	-217.15	460.82	0.00	0.00	0.00
1,700.00	30.85	208.87	1,584.29	-443.20	-241.91	512.10	0.00	0.00	0.00
1,800.00	30.85	208.87	1,670.14	-488.11	-266.68	563.38	0.00	0.00	0.00
1,900.00	30.85	208.87	1,755.99	-533.01	-291.44	614.66	0.00	0.00	0.00
2,000.00	30.85	208.87	1,841.84	-577.92	-316.20	665.95	0.00	0.00	0.00
2,100.00	30.85	208.87	1,927.68	-622.83	-340.96	717.23	0.00	0.00	0.00
2,200.00	30.85	208.87	2,013.53	-667.74	-365.73	768.51	0.00	0.00	0.00
2,300.00	30.85	208.87	2,099.38	-712.64	-390.49	819.79	0.00	0.00	0.00
2,400.00	30.85	208.87	2,185.23	-757.55	-415.25	871.07	0.00	0.00	0.00
2,500.00	30.85	208.87	2,271.08	-802.46	-440.02	922.35	0.00	0.00	0.00
2,600.00	30.85	208.87	2,356.93	-847.36	-464.78	973.64	0.00	0.00	0.00
2,700.00	30.85	208.87	2,442.78	-892.27	-489.54	1,024.92	0.00	0.00	0.00
2,800.00	30.85	208.87	2,528.63	-937.18	-514.30	1,076.20	0.00	0.00	0.00
2,900.00	30.85	208.87	2,614.48	-982.08	-539.07	1,127.48	0.00	0.00	0.00
3,000.00	30.85	208.87	2,700.33	-1,026.99	-563.83	1,178.76	0.00	0.00	0.00
3,100.00	30.85	208.87	2,786.18	-1,071.90	-588.59	1,230.04	0.00	0.00	0.00
3,200.00	30.85	208.87	2,872.03	-1,116.80	-613.36	1,281.33	0.00	0.00	0.00
3,300.00	30.85	208.87	2,957.88	-1,161.71	-638.12	1,332.61	0.00	0.00	0.00
3,400.00	30.85	208.87	3,043.73	-1,206.62	-662.88	1,383.89	0.00	0.00	0.00
3,500.00	30.85	208.87	3,129.58	-1,251.52	-687.64	1,435.17	0.00	0.00	0.00
3,600.00	30.85	208.87	3,215.43	-1,296.43	-712.41	1,486.45	0.00	0.00	0.00
3,700.00	30.85	208.87	3,301.28	-1,341.34	-737.17	1,537.74	0.00	0.00	0.00
3,800.00	30.85	208.87	3,387.13	-1,386.24	-761.93	1,589.02	0.00	0.00	0.00
3,900.00	30.85	208.87	3,472.98	-1,431.15	-786.69	1,640.30	0.00	0.00	0.00
4,000.00	30.85	208.87	3,558.83	-1,476.06	-811.46	1,691.58	0.00	0.00	0.00
4,100.00	30.85	208.87	3,644.68	-1,520.97	-836.22	1,742.86	0.00	0.00	0.00
4,200.00	30.85	208.87	3,730.53	-1,565.87	-860.98	1,794.14	0.00	0.00	0.00
4,300.00	30.85	208.87	3,816.38	-1,610.78	-885.75	1,845.43	0.00	0.00	0.00
4,400.00	30.85	208.87	3,902.23	-1,655.69	-910.51	1,896.71	0.00	0.00	0.00
4,500.00	30.85	208.87	3,988.08	-1,700.59	-935.27	1,947.99	0.00	0.00	0.00

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 444-24-794	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	30.85	208.87	4,073.93	-1,745.50	-960.03	1,999.27	0.00	0.00	0.00
4,700.00	30.85	208.87	4,159.78	-1,790.41	-984.80	2,050.55	0.00	0.00	0.00
4,800.00	30.85	208.87	4,245.63	-1,835.31	-1,009.56	2,101.83	0.00	0.00	0.00
4,900.00	30.85	208.87	4,331.48	-1,880.22	-1,034.32	2,153.12	0.00	0.00	0.00
5,000.00	30.85	208.87	4,417.33	-1,925.13	-1,059.09	2,204.40	0.00	0.00	0.00
5,100.00	30.85	208.87	4,503.18	-1,970.03	-1,083.85	2,255.68	0.00	0.00	0.00
G_SAND									
5,140.56	30.85	208.87	4,538.00	-1,988.25	-1,093.89	2,276.48	0.00	0.00	0.00
5,200.00	30.85	208.87	4,589.03	-2,014.94	-1,108.61	2,306.96	0.00	0.00	0.00
5,300.00	30.85	208.87	4,674.88	-2,059.85	-1,133.37	2,358.24	0.00	0.00	0.00
5,400.00	30.85	208.87	4,760.73	-2,104.75	-1,158.14	2,409.53	0.00	0.00	0.00
5,500.00	30.85	208.87	4,846.58	-2,149.66	-1,182.90	2,460.81	0.00	0.00	0.00
5,600.00	30.85	208.87	4,932.43	-2,194.57	-1,207.66	2,512.09	0.00	0.00	0.00
5,700.00	30.85	208.87	5,018.28	-2,239.47	-1,232.42	2,563.37	0.00	0.00	0.00
5,800.00	30.85	208.87	5,104.13	-2,284.38	-1,257.19	2,614.65	0.00	0.00	0.00
5,900.00	30.85	208.87	5,189.98	-2,329.29	-1,281.95	2,665.93	0.00	0.00	0.00
6,000.00	30.85	208.87	5,275.83	-2,374.20	-1,306.71	2,717.22	0.00	0.00	0.00
6,100.00	30.85	208.87	5,361.67	-2,419.10	-1,331.48	2,768.50	0.00	0.00	0.00
6,200.00	30.85	208.87	5,447.52	-2,464.01	-1,356.24	2,819.78	0.00	0.00	0.00
Start Drop -1.50									
6,271.82	30.85	208.87	5,509.18	-2,496.26	-1,374.02	2,856.61	0.00	0.00	0.00
6,300.00	30.43	208.87	5,533.43	-2,508.84	-1,380.96	2,870.97	1.50	-1.50	0.00
6,400.00	28.93	208.87	5,620.31	-2,552.19	-1,404.87	2,920.48	1.50	-1.50	0.00
FRUN									
6,408.79	28.80	208.87	5,628.00	-2,555.91	-1,406.91	2,924.73	1.50	-1.50	0.00
6,500.00	27.43	208.87	5,708.45	-2,593.55	-1,427.67	2,967.71	1.50	-1.50	0.00
6,600.00	25.93	208.87	5,797.80	-2,632.86	-1,449.35	3,012.60	1.50	-1.50	0.00
6,700.00	24.43	208.87	5,888.30	-2,670.12	-1,469.89	3,055.15	1.50	-1.50	0.00
6,800.00	22.93	208.87	5,979.88	-2,705.29	-1,489.28	3,095.31	1.50	-1.50	0.00
6,900.00	21.43	208.87	6,072.47	-2,738.34	-1,507.51	3,133.06	1.50	-1.50	0.00
7,000.00	19.93	208.87	6,166.03	-2,769.26	-1,524.56	3,168.37	1.50	-1.50	0.00
7,100.00	18.43	208.87	6,260.48	-2,798.03	-1,540.43	3,201.22	1.50	-1.50	0.00
7,200.00	16.93	208.87	6,355.75	-2,824.62	-1,555.09	3,231.59	1.50	-1.50	0.00
7,300.00	15.43	208.87	6,451.79	-2,849.02	-1,568.55	3,259.45	1.50	-1.50	0.00
L_WSCH									
7,347.86	14.71	208.87	6,498.00	-2,859.92	-1,574.55	3,271.89	1.50	-1.50	0.00
7,400.00	13.93	208.87	6,548.52	-2,871.21	-1,580.78	3,284.79	1.50	-1.50	0.00
7,500.00	12.43	208.87	6,645.88	-2,891.18	-1,591.79	3,307.59	1.50	-1.50	0.00
7,600.00	10.93	208.87	6,743.81	-2,908.90	-1,601.57	3,327.83	1.50	-1.50	0.00
7,700.00	9.43	208.87	6,842.24	-2,924.38	-1,610.10	3,345.50	1.50	-1.50	0.00
OCRK									
7,796.88	7.98	208.87	6,938.00	-2,937.21	-1,617.18	3,360.16	1.50	-1.50	0.00
7,800.00	7.93	208.87	6,941.09	-2,937.59	-1,617.38	3,360.59	1.50	-1.50	0.00
7,900.00	6.43	208.87	7,040.30	-2,948.53	-1,623.42	3,373.09	1.50	-1.50	0.00
8,000.00	4.93	208.87	7,139.81	-2,957.20	-1,628.20	3,382.98	1.50	-1.50	0.00
8,100.00	3.43	208.87	7,239.54	-2,963.58	-1,631.72	3,390.27	1.50	-1.50	0.00
8,200.00	1.93	208.87	7,339.43	-2,967.67	-1,633.97	3,394.94	1.50	-1.50	0.00
8,300.00	0.43	208.87	7,439.40	-2,969.48	-1,634.97	3,397.00	1.50	-1.50	0.00
Start 3275.00 hold at 8328.60 MD - U_MVRD - TOPGAS									
8,328.60	0.00	0.00	7,468.00	-2,969.57	-1,635.02	3,397.11	1.50	-1.50	0.00
8,400.00	0.00	0.00	7,539.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
8,500.00	0.00	0.00	7,639.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
8,600.00	0.00	0.00	7,739.40	-2,969.57	-1,635.02	3,397.11	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 444-24-794	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	7,839.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
8,800.00	0.00	0.00	7,939.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
8,900.00	0.00	0.00	8,039.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,000.00	0.00	0.00	8,139.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,100.00	0.00	0.00	8,239.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,200.00	0.00	0.00	8,339.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,300.00	0.00	0.00	8,439.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,400.00	0.00	0.00	8,539.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,500.00	0.00	0.00	8,639.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,600.00	0.00	0.00	8,739.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,700.00	0.00	0.00	8,839.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,800.00	0.00	0.00	8,939.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
9,900.00	0.00	0.00	9,039.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,000.00	0.00	0.00	9,139.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,100.00	0.00	0.00	9,239.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,200.00	0.00	0.00	9,339.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,300.00	0.00	0.00	9,439.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,400.00	0.00	0.00	9,539.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
CMEO									
10,413.60	0.00	0.00	9,553.00	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,500.00	0.00	0.00	9,639.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,600.00	0.00	0.00	9,739.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,700.00	0.00	0.00	9,839.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,800.00	0.00	0.00	9,939.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
10,900.00	0.00	0.00	10,039.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
11,000.00	0.00	0.00	10,139.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
11,100.00	0.00	0.00	10,239.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
11,200.00	0.00	0.00	10,339.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
RLNS									
11,253.60	0.00	0.00	10,393.00	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
11,300.00	0.00	0.00	10,439.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
11,400.00	0.00	0.00	10,539.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
11,500.00	0.00	0.00	10,639.40	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00
TD at 11603.60									
11,603.60	0.00	0.00	10,743.00	-2,969.57	-1,635.02	3,397.11	0.00	0.00	0.00

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 444-24-794 - VP	0.00	0.00	7,468.00	-2,969.57	-1,635.02	1,585,635.00	2,342,240.60	39.418188	-107.828504
- plan hits target center									
- Circle (radius 50.00)									
WMC 444-24-794 - PBH	0.00	0.00	10,743.00	-2,969.57	-1,635.02	1,585,635.00	2,342,240.60	39.418188	-107.828504
- plan hits target center									
- Point									

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 444-24-794	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1		

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,137.16	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			
	300.05	300.00	U__WASATCH			
	5,140.56	4,538.00	G_SAND			
	6,408.79	5,628.00	FRUN			
	7,347.86	6,498.00	L__WSCH			
	7,796.88	6,938.00	OCRK			
	8,328.60	7,468.00	U__MVRD			
	8,328.60	7,468.00	TOPGAS			
	10,413.60	9,553.00	CMEQ			
	11,253.60	10,393.00	RLNS			

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
200.00	200.00	5.24	5.37	Start Build 3.00
1,228.39	1,179.41	-231.42	-125.13	Start 5043.43 hold at 1228.39 MD
6,271.82	5,509.18	-2,496.26	-1,374.02	Start Drop -1.50
8,328.60	7,468.00	-2,969.57	-1,635.02	Start 3275.00 hold at 8328.60 MD
11,603.60	10,743.00	-2,969.57	-1,635.02	TD at 11603.60