

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: Well WMC 432-19-793 - Slot WMC 432-19-793, True North
 Vertical (TVD) Reference: KB @ 8593.00usft
 Section (VS) Reference: Slot - WMC 432-19-793(0.00N, 0.00E)
 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 432-19-793 - VP	7648.00	1407.63	2475.03	1589974.50	2346520.00	39.430398	-107.813753	Circle (Radius: 50.00)
WMC 432-19-793 - PBHL	10923.00	1407.63	2475.03	1589974.50	2346520.00	39.430398	-107.813753	Point

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	Start Build 3.00
1080.14	24.90	60.37	1054.25	87.80	154.37	177.59	177.59	Start 5496.35 hold at 1080.14 MD
6576.49	24.90	60.37	6039.50	1232.03	2166.28	2492.12	2492.12	Start Drop -1.50
8236.77	0.00	0.00	7648.00	1407.63	2475.03	2847.31	2847.31	Start 3275.00 hold at 8236.77 MD
11511.77	0.00	0.00	10923.00	1407.63	2475.03	2847.31	2847.31	TD at 11511.77

WELL DETAILS: WMC 432-19-793

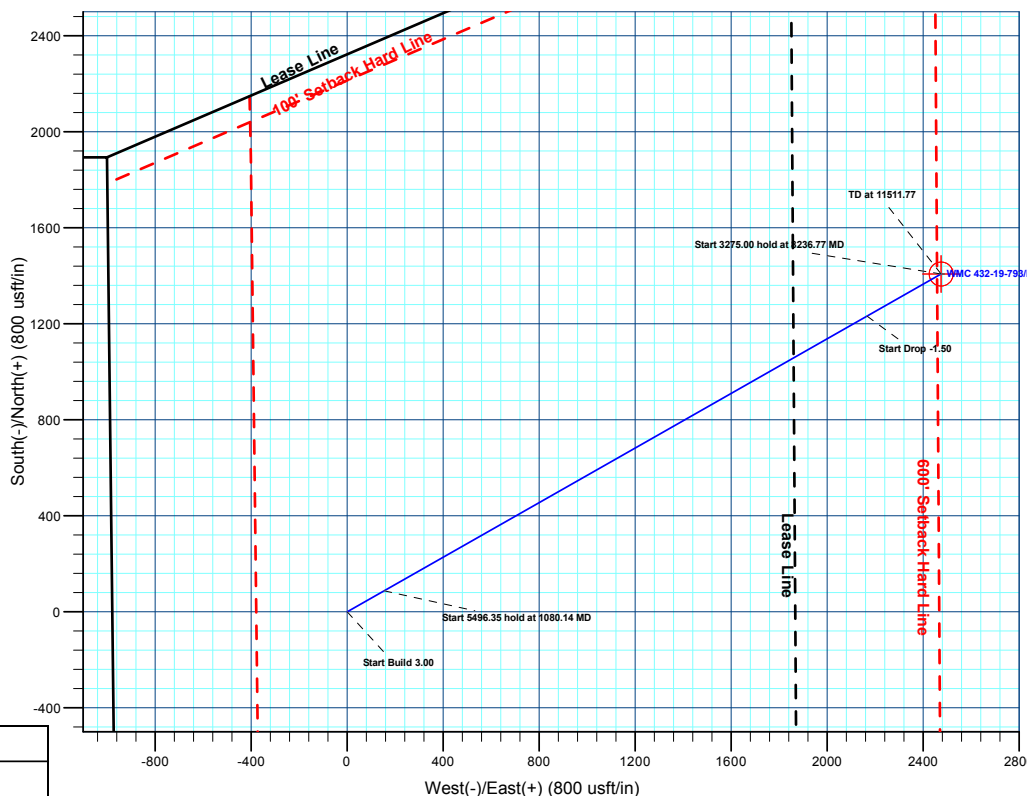
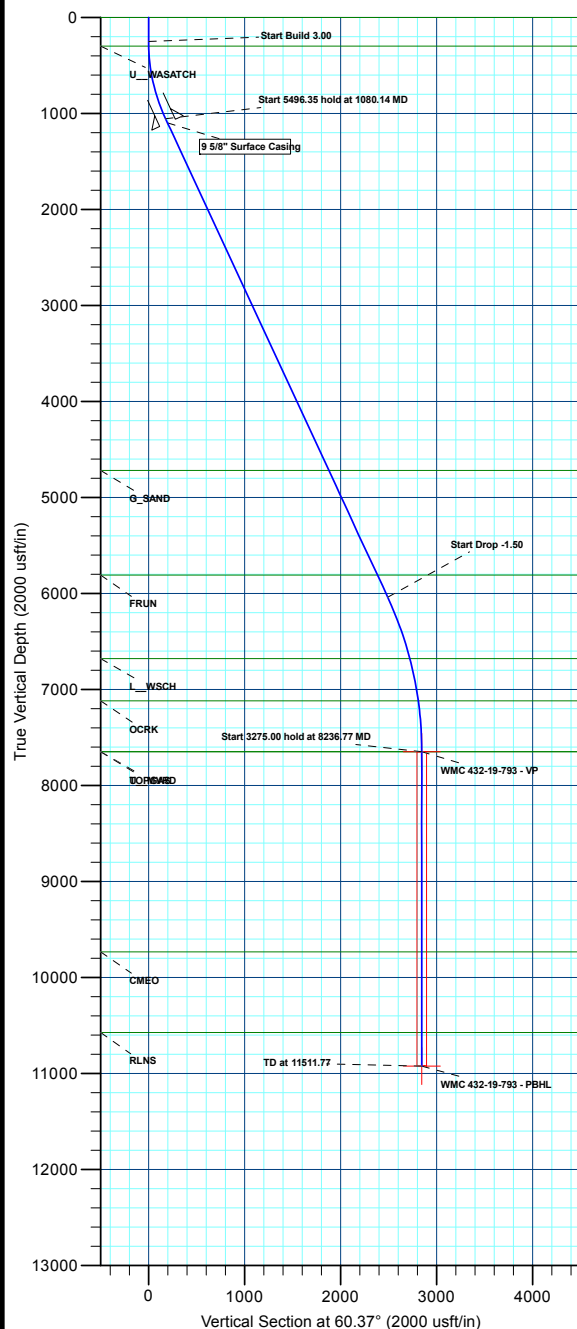
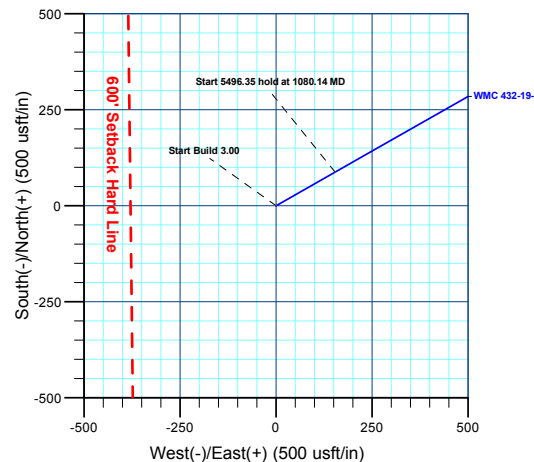
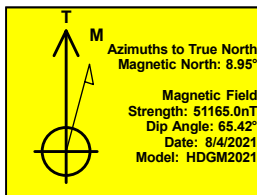
+N/-S	+E/-W	Northing	Ground Elev:	8563.00	Latitude	Longitude	Slot
0.00	0.00	1588630.60	Easting	2344009.80	39.426534	-107.822515	WMC 432-19-793

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
0.00	0.00	GRRV
300.00	300.01	U_WASATCH
4718.00	5119.50	G_SAND
5808.00	6321.25	FRUN
6678.00	7256.03	L_WSCH
7118.00	7705.06	OCRK
7648.00	8236.77	TOPGAS
7648.00	8236.77	U_MVRD
9733.00	10321.77	CMEQ
10573.00	11161.77	RLNS

CASING DETAILS

TVD	MD	Name	Size
1100.00	1130.58	9 5/8" Surface Casing	9-5/8



Plan: Plan 1 (WMC 432-19-793/Wellbore #1)

Created By: Chase Chambers Date: 14:43, January 26 2022



Terra Energy Partners, LLP

Garfield County, CO (Nad 83)

Honea Pad

WMC 432-19-793 - Slot WMC 432-19-793

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 432-19-793	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 432-19-793 - Slot WMC 432-19-793					
Well Position	+N/-S	70.28 usft	Northing:	1,588,630.60 usft	Latitude:	39.426534
	+E/-W	57.02 usft	Easting:	2,344,009.80 usft	Longitude:	-107.822515
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	51,165.00000000

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	70.28	57.02	60.37

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	70.28	57.02	0.00	0.00	0.00	0.00	
250.00	0.00	0.00	250.00	70.28	57.02	0.00	0.00	0.00	0.00	
1,080.14	24.90	60.37	1,054.25	158.08	211.39	3.00	3.00	0.00	60.37	
6,576.49	24.90	60.37	6,039.50	1,302.32	2,223.30	0.00	0.00	0.00	0.00	
8,236.77	0.00	0.00	7,648.00	1,477.91	2,532.05	1.50	-1.50	0.00	180.00	WMC 432-19-793 - VI
11,511.77	0.00	0.00	10,923.00	1,477.91	2,532.05	0.00	0.00	0.00	0.00	WMC 432-19-793 - 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 432-19-793	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	70.28	57.02	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	70.28	57.02	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	70.28	57.02	0.00	0.00	0.00	0.00
Start Build 3.00									
250.00	0.00	0.00	250.00	70.28	57.02	0.00	0.00	0.00	0.00
300.00	1.50	60.37	299.99	70.60	57.59	0.65	3.00	3.00	0.00
U_WASATCH									
300.01	1.50	60.37	300.00	70.60	57.59	0.65	0.00	0.00	0.00
400.00	4.50	60.37	399.85	73.19	62.14	5.89	3.00	3.00	0.00
500.00	7.50	60.37	499.29	78.36	71.22	16.34	3.00	3.00	0.00
600.00	10.50	60.37	598.04	86.09	84.82	31.98	3.00	3.00	0.00
700.00	13.50	60.37	695.85	96.37	102.89	52.77	3.00	3.00	0.00
800.00	16.50	60.37	792.43	109.16	125.39	78.65	3.00	3.00	0.00
900.00	19.50	60.37	887.52	124.44	152.25	109.55	3.00	3.00	0.00
1,000.00	22.50	60.37	980.87	142.15	183.39	145.38	3.00	3.00	0.00
Start 5496.35 hold at 1080.14 MD									
1,080.14	24.90	60.37	1,054.25	158.08	211.39	177.59	3.00	3.00	0.00
1,100.00	24.90	60.37	1,072.26	162.21	218.66	185.95	0.00	0.00	0.00
9 5/8" Surface Casing									
1,130.58	24.90	60.37	1,100.00	168.58	229.86	198.83	0.00	0.00	0.00
1,200.00	24.90	60.37	1,162.96	183.03	255.27	228.07	0.00	0.00	0.00
1,300.00	24.90	60.37	1,253.66	203.85	291.87	270.18	0.00	0.00	0.00
1,400.00	24.90	60.37	1,344.36	224.67	328.48	312.29	0.00	0.00	0.00
1,500.00	24.90	60.37	1,435.06	245.48	365.08	354.40	0.00	0.00	0.00
1,600.00	24.90	60.37	1,525.77	266.30	401.69	396.51	0.00	0.00	0.00
1,700.00	24.90	60.37	1,616.47	287.12	438.29	438.62	0.00	0.00	0.00
1,800.00	24.90	60.37	1,707.17	307.94	474.89	480.73	0.00	0.00	0.00
1,900.00	24.90	60.37	1,797.87	328.76	511.50	522.84	0.00	0.00	0.00
2,000.00	24.90	60.37	1,888.57	349.58	548.10	564.95	0.00	0.00	0.00
2,100.00	24.90	60.37	1,979.27	370.39	584.71	607.06	0.00	0.00	0.00
2,200.00	24.90	60.37	2,069.97	391.21	621.31	649.17	0.00	0.00	0.00
2,300.00	24.90	60.37	2,160.67	412.03	657.92	691.28	0.00	0.00	0.00
2,400.00	24.90	60.37	2,251.38	432.85	694.52	733.39	0.00	0.00	0.00
2,500.00	24.90	60.37	2,342.08	453.67	731.13	775.50	0.00	0.00	0.00
2,600.00	24.90	60.37	2,432.78	474.49	767.73	817.61	0.00	0.00	0.00
2,700.00	24.90	60.37	2,523.48	495.30	804.33	859.72	0.00	0.00	0.00
2,800.00	24.90	60.37	2,614.18	516.12	840.94	901.83	0.00	0.00	0.00
2,900.00	24.90	60.37	2,704.88	536.94	877.54	943.94	0.00	0.00	0.00
3,000.00	24.90	60.37	2,795.58	557.76	914.15	986.05	0.00	0.00	0.00
3,100.00	24.90	60.37	2,886.28	578.58	950.75	1,028.16	0.00	0.00	0.00
3,200.00	24.90	60.37	2,976.99	599.39	987.36	1,070.27	0.00	0.00	0.00
3,300.00	24.90	60.37	3,067.69	620.21	1,023.96	1,112.38	0.00	0.00	0.00
3,400.00	24.90	60.37	3,158.39	641.03	1,060.56	1,154.49	0.00	0.00	0.00
3,500.00	24.90	60.37	3,249.09	661.85	1,097.17	1,196.60	0.00	0.00	0.00
3,600.00	24.90	60.37	3,339.79	682.67	1,133.77	1,238.71	0.00	0.00	0.00
3,700.00	24.90	60.37	3,430.49	703.49	1,170.38	1,280.82	0.00	0.00	0.00
3,800.00	24.90	60.37	3,521.19	724.30	1,206.98	1,322.93	0.00	0.00	0.00
3,900.00	24.90	60.37	3,611.89	745.12	1,243.59	1,365.04	0.00	0.00	0.00
4,000.00	24.90	60.37	3,702.60	765.94	1,280.19	1,407.16	0.00	0.00	0.00
4,100.00	24.90	60.37	3,793.30	786.76	1,316.80	1,449.27	0.00	0.00	0.00
4,200.00	24.90	60.37	3,884.00	807.58	1,353.40	1,491.38	0.00	0.00	0.00
4,300.00	24.90	60.37	3,974.70	828.40	1,390.00	1,533.49	0.00	0.00	0.00
4,400.00	24.90	60.37	4,065.40	849.21	1,426.61	1,575.60	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 432-19-793	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)
4,500.00	24.90	60.37	4,156.10	870.03	1,463.21	1,617.71	0.00	0.00	0.00
4,600.00	24.90	60.37	4,246.80	890.85	1,499.82	1,659.82	0.00	0.00	0.00
4,700.00	24.90	60.37	4,337.50	911.67	1,536.42	1,701.93	0.00	0.00	0.00
4,800.00	24.90	60.37	4,428.21	932.49	1,573.03	1,744.04	0.00	0.00	0.00
4,900.00	24.90	60.37	4,518.91	953.30	1,609.63	1,786.15	0.00	0.00	0.00
5,000.00	24.90	60.37	4,609.61	974.12	1,646.24	1,828.26	0.00	0.00	0.00
5,100.00	24.90	60.37	4,700.31	994.94	1,682.84	1,870.37	0.00	0.00	0.00
G_SAND									
5,119.50	24.90	60.37	4,718.00	999.00	1,689.98	1,878.58	0.00	0.00	0.00
5,200.00	24.90	60.37	4,791.01	1,015.76	1,719.44	1,912.48	0.00	0.00	0.00
5,300.00	24.90	60.37	4,881.71	1,036.58	1,756.05	1,954.59	0.00	0.00	0.00
5,400.00	24.90	60.37	4,972.41	1,057.40	1,792.65	1,996.70	0.00	0.00	0.00
5,500.00	24.90	60.37	5,063.11	1,078.21	1,829.26	2,038.81	0.00	0.00	0.00
5,600.00	24.90	60.37	5,153.82	1,099.03	1,865.86	2,080.92	0.00	0.00	0.00
5,700.00	24.90	60.37	5,244.52	1,119.85	1,902.47	2,123.03	0.00	0.00	0.00
5,800.00	24.90	60.37	5,335.22	1,140.67	1,939.07	2,165.14	0.00	0.00	0.00
5,900.00	24.90	60.37	5,425.92	1,161.49	1,975.68	2,207.25	0.00	0.00	0.00
6,000.00	24.90	60.37	5,516.62	1,182.31	2,012.28	2,249.36	0.00	0.00	0.00
6,100.00	24.90	60.37	5,607.32	1,203.12	2,048.88	2,291.47	0.00	0.00	0.00
6,200.00	24.90	60.37	5,698.02	1,223.94	2,085.49	2,333.58	0.00	0.00	0.00
6,300.00	24.90	60.37	5,788.72	1,244.76	2,122.09	2,375.69	0.00	0.00	0.00
FRUN									
6,321.25	24.90	60.37	5,808.00	1,249.18	2,129.87	2,384.64	0.00	0.00	0.00
6,400.00	24.90	60.37	5,879.43	1,265.58	2,158.70	2,417.80	0.00	0.00	0.00
6,500.00	24.90	60.37	5,970.13	1,286.40	2,195.30	2,459.91	0.00	0.00	0.00
Start Drop -1.50									
6,576.49	24.90	60.37	6,039.50	1,302.32	2,223.30	2,492.12	0.00	0.00	0.00
6,600.00	24.55	60.37	6,060.86	1,307.18	2,231.85	2,501.96	1.50	-1.50	0.00
6,700.00	23.05	60.37	6,152.35	1,327.13	2,266.93	2,542.31	1.50	-1.50	0.00
6,800.00	21.55	60.37	6,244.87	1,345.89	2,299.91	2,580.26	1.50	-1.50	0.00
6,900.00	20.05	60.37	6,338.35	1,363.45	2,330.78	2,615.77	1.50	-1.50	0.00
7,000.00	18.55	60.37	6,432.72	1,379.79	2,359.51	2,648.83	1.50	-1.50	0.00
7,100.00	17.05	60.37	6,527.93	1,394.90	2,386.09	2,679.40	1.50	-1.50	0.00
7,200.00	15.55	60.37	6,623.91	1,408.78	2,410.49	2,707.47	1.50	-1.50	0.00
L_WSCH									
7,256.03	14.71	60.37	6,678.00	1,416.01	2,423.20	2,722.09	1.50	-1.50	0.00
7,300.00	14.05	60.37	6,720.59	1,421.41	2,432.69	2,733.01	1.50	-1.50	0.00
7,400.00	12.55	60.37	6,817.90	1,432.78	2,452.69	2,756.02	1.50	-1.50	0.00
7,500.00	11.05	60.37	6,915.79	1,442.89	2,470.47	2,776.47	1.50	-1.50	0.00
7,600.00	9.55	60.37	7,014.17	1,451.73	2,486.01	2,794.36	1.50	-1.50	0.00
7,700.00	8.05	60.37	7,112.99	1,459.30	2,499.31	2,809.66	1.50	-1.50	0.00
OCRK									
7,705.06	7.98	60.37	7,118.00	1,459.65	2,499.93	2,810.36	1.50	-1.50	0.00
7,800.00	6.55	60.37	7,212.18	1,465.58	2,510.36	2,822.36	1.50	-1.50	0.00
7,900.00	5.05	60.37	7,311.66	1,470.58	2,519.15	2,832.47	1.50	-1.50	0.00
8,000.00	3.55	60.37	7,411.38	1,474.29	2,525.67	2,839.97	1.50	-1.50	0.00
8,100.00	2.05	60.37	7,511.26	1,476.70	2,529.92	2,844.86	1.50	-1.50	0.00
8,200.00	0.55	60.37	7,611.23	1,477.83	2,531.89	2,847.13	1.50	-1.50	0.00
Start 3275.00 hold at 8236.77 MD - U_MVRD - TOPGAS									
8,236.77	0.00	0.00	7,648.00	1,477.91	2,532.05	2,847.31	1.50	-1.50	0.00
8,300.00	0.00	0.00	7,711.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
8,400.00	0.00	0.00	7,811.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
8,500.00	0.00	0.00	7,911.23	1,477.91	2,532.05	2,847.31	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 432-19-793	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)
8,600.00	0.00	0.00	8,011.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
8,700.00	0.00	0.00	8,111.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
8,800.00	0.00	0.00	8,211.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
8,900.00	0.00	0.00	8,311.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,000.00	0.00	0.00	8,411.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,100.00	0.00	0.00	8,511.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,200.00	0.00	0.00	8,611.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,300.00	0.00	0.00	8,711.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,400.00	0.00	0.00	8,811.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,500.00	0.00	0.00	8,911.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,600.00	0.00	0.00	9,011.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,700.00	0.00	0.00	9,111.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,800.00	0.00	0.00	9,211.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
9,900.00	0.00	0.00	9,311.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,000.00	0.00	0.00	9,411.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,100.00	0.00	0.00	9,511.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,200.00	0.00	0.00	9,611.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,300.00	0.00	0.00	9,711.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
CMEO									
10,321.77	0.00	0.00	9,733.00	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,400.00	0.00	0.00	9,811.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,500.00	0.00	0.00	9,911.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,600.00	0.00	0.00	10,011.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,700.00	0.00	0.00	10,111.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,800.00	0.00	0.00	10,211.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
10,900.00	0.00	0.00	10,311.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
11,000.00	0.00	0.00	10,411.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
11,100.00	0.00	0.00	10,511.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
RLNS									
11,161.77	0.00	0.00	10,573.00	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
11,200.00	0.00	0.00	10,611.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
11,300.00	0.00	0.00	10,711.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
11,400.00	0.00	0.00	10,811.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
11,500.00	0.00	0.00	10,911.23	1,477.91	2,532.05	2,847.31	0.00	0.00	0.00
TD at 11511.77									
11,511.77	0.00	0.00	10,923.00	1,477.91	2,532.05	2,847.31	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 432-19-793 - VP - plan hits target center - Circle (radius 50.00)	0.00	0.00	7,648.00	1,477.91	2,532.05	1,589,974.50	2,346,520.00	39.430398	-107.813753
WMC 432-19-793 - PBH - plan hits target center - Point	0.00	0.00	10,923.00	1,477.91	2,532.05	1,589,974.50	2,346,520.00	39.430398	-107.813753

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 432-19-793	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1		

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,130.58	1,100.00	9 5/8" Surface Casing	9-5/8	12-1/4

Formations				
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)
0.00	0.00	GRRV		
300.01	300.00	U__WASATCH		
5,119.50	4,718.00	G_SAND		
6,321.25	5,808.00	FRUN		
7,256.03	6,678.00	L__WSCH		
7,705.06	7,118.00	OCRK		
8,236.77	7,648.00	U__MVRD		
8,236.77	7,648.00	TOPGAS		
10,321.77	9,733.00	CMEQ		
11,161.77	10,573.00	RLNS		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
250.00	250.00	70.28	57.02	Start Build 3.00
1,080.14	1,054.25	158.08	211.39	Start 5496.35 hold at 1080.14 MD
6,576.49	6,039.50	1,302.32	2,223.30	Start Drop -1.50
8,236.77	7,648.00	1,477.91	2,532.05	Start 3275.00 hold at 8236.77 MD
11,511.77	10,923.00	1,477.91	2,532.05	TD at 11511.77