

WMC 24-17 Pad  
WMC 12-20  
Q220863 & RM-220971  
Plan 2

Company Name: Terra Energy Partners, LLP  
WMC 12-20  
Garfield County, CO (Nad 83)  
Rig: KB=30' @ 8898.00usft  
Created by: Chase Chambers  
Date: 3:00, September 30 2022

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



Azimuths to True North  
Magnetic North: 8.88°

Magnetic Field  
Strength: 51051.7nT  
Dip Angle: 65.38°  
Date: 9/23/2022  
Model: HDGM2022

WELL DETAILS: WMC 12-20

Ground Elevation: 8868.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1593036.30	2350610.90	39.439087	-107.799549

SLOTS

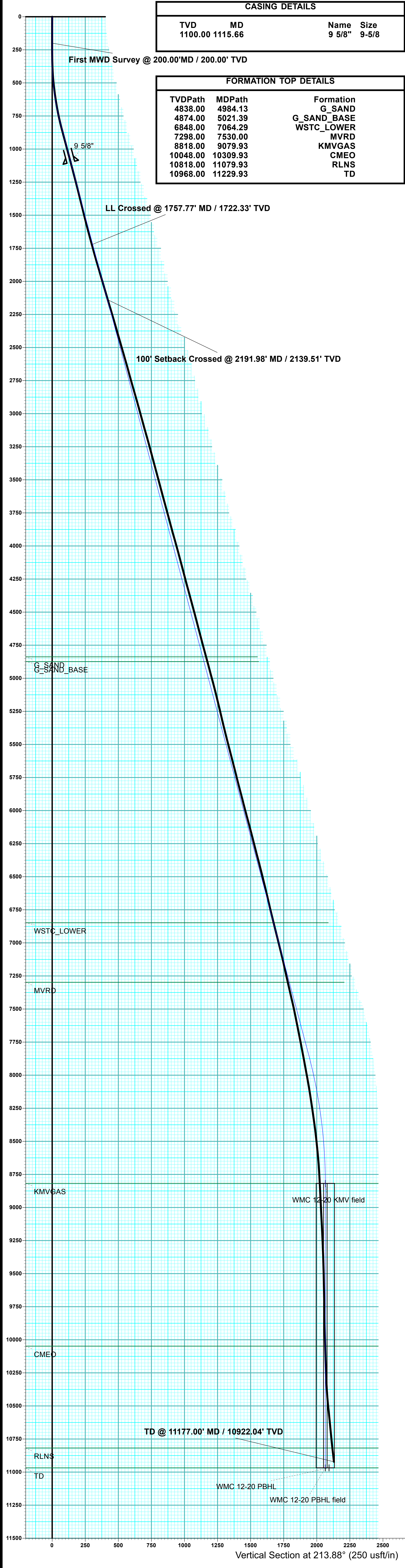
Slot Name	+N/-S	+E/-W	Northing	Easting
WMC 11-20	5.35	-14.04	1593042.00	2350597.00
WMC 12-20	0.00	0.00	1593036.30	2350610.90
WMC 13-20	-5.35	14.04	1593030.60	2350624.80
WMC 311-20	-4.05	-17.60	1593032.70	2350593.20
WMC 312-20	-9.39	-3.56	1593027.00	2350607.10
WMC 32-20	-7.97	21.01	1593027.80	2350631.70
WMC 331-20	-15.94	42.12	1593019.30	2350652.60
WMC 33-20	-14.64	10.47	1593021.40	2350621.00
WMC 332-20	-22.61	31.48	1593012.90	2350641.80
WMC 411-20	2.62	-6.97	1593039.10	2350604.00
WMC 412-20	-2.62	6.97	1593033.50	2350617.80
WMC 431-20	-13.32	35.05	1593022.10	2350645.60
WMC 432-20	-19.99	24.51	1593015.70	2350634.90
WMC 511-20	-6.67	-10.53	1593029.90	2350600.20
WMC 512-20	-12.02	3.51	1593024.20	2350614.10
WMC 531-20	-10.59	28.08	1593025.00	2350638.70
WMC 532-20	-17.36	17.55	1593018.50	2350628.00

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
WMC 12-20 KMV field	8818.00	-1714.15	-1151.10	1591351.83	2349416.78	39.434381	-107.803624
WMC 12-20 PBHL	10968.00	-1714.15	-1201.10	1591353.10	2349366.80	39.434381	-107.803801
WMC 12-20 PBHL field	10968.00	-1714.15	-1151.10	1591351.83	2349416.78	39.434381	-107.803624

DESIGN ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
320.00	0.00	0.00	320.00	0.00	0.00	0.00	0.00	Start Build 3.00
817.43	14.92	213.88	811.82	-53.47	-35.91	64.41	64.41	Start 7267.64 hold at 817.43 MD
8085.07	14.92	213.88	7834.35	-1607.20	-1079.28	1935.96	1935.96	Start Drop -1.50
9079.93	0.00	0.00	8818.00	-1714.15	-1151.10	2064.79	2064.79	Start 2150.00 hold at 9079.93 MD
11229.93	0.00	0.00	10968.00	-1714.15	-1151.10	2064.79	2064.79	TD at 11229.93

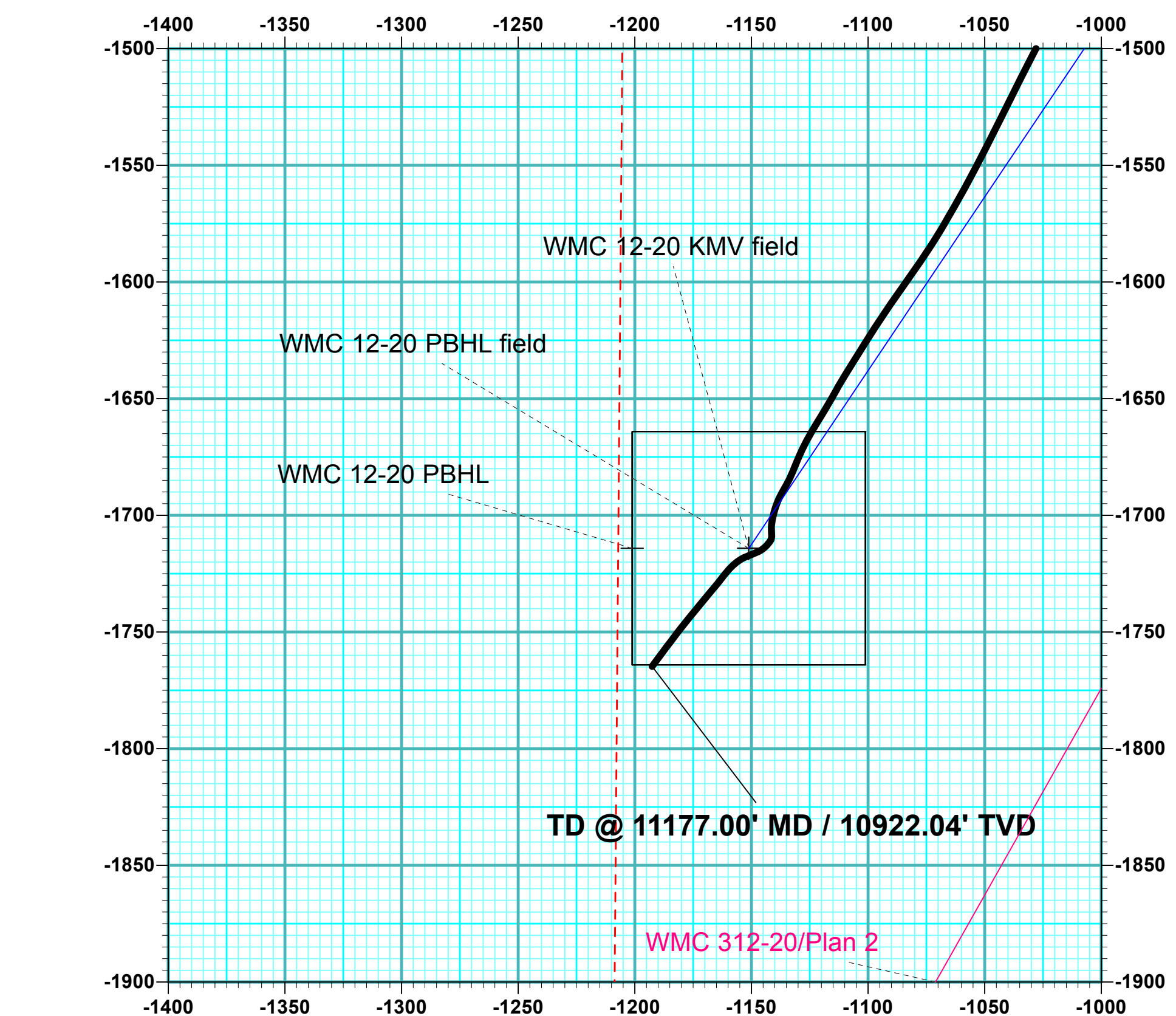
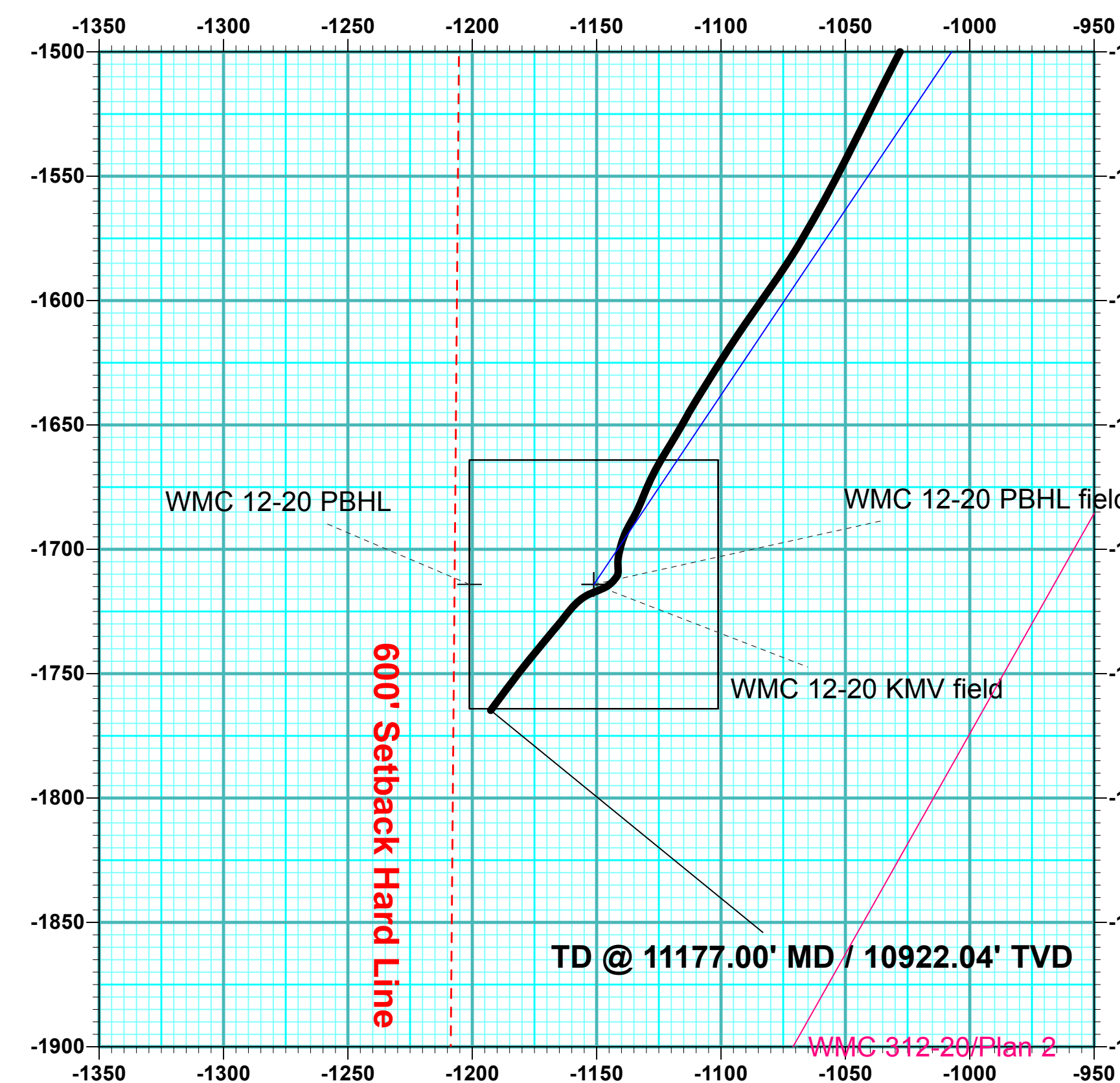
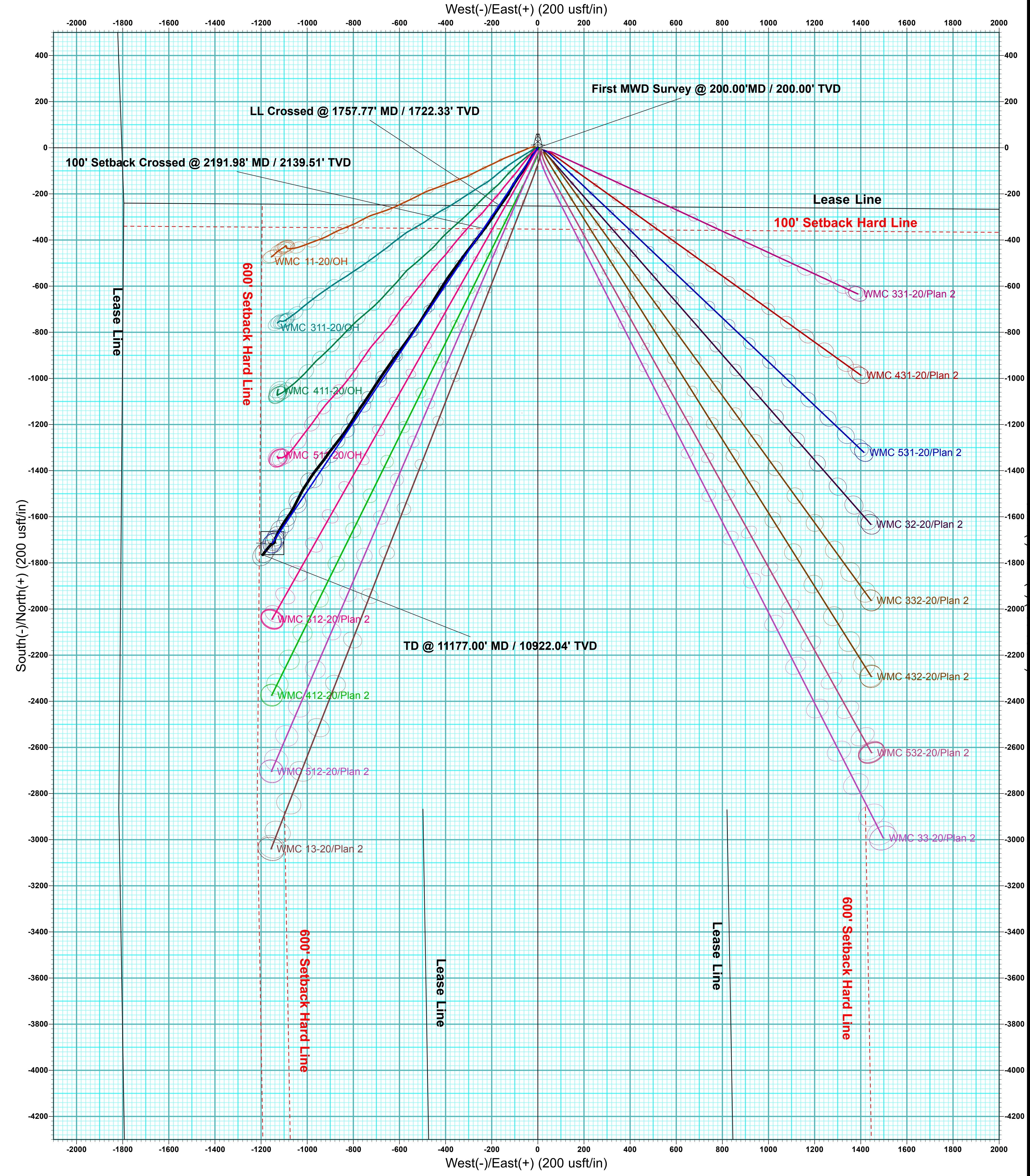


CASING DETAILS

TVD	MD	Name	Size
1100.00	1115.66		9 5/8" 9-5/8"

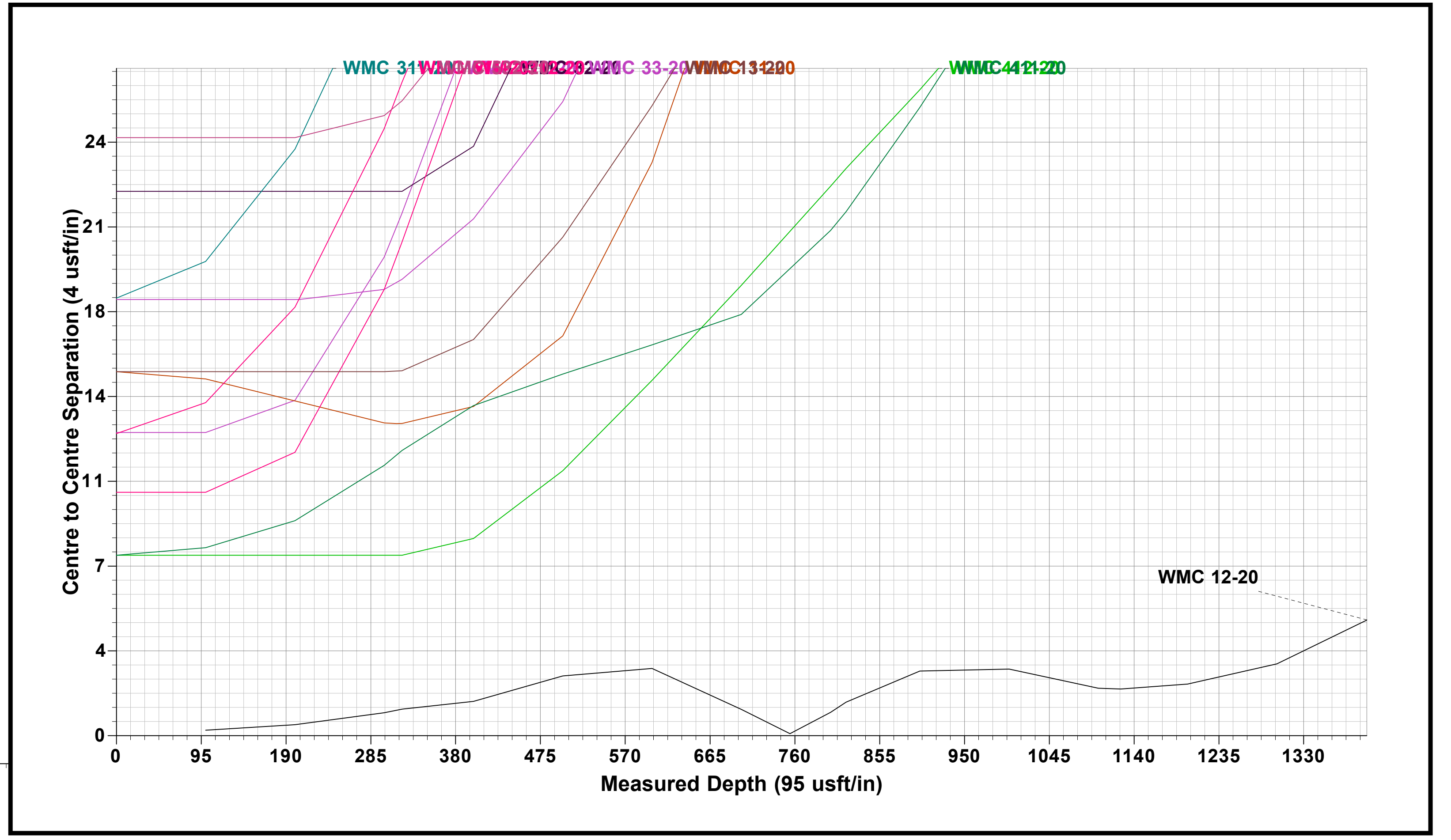
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4838.00	4984.13	G_SAND
4874.00	5021.39	G_SAND_BASE
6848.00	7064.29	WSTC_LOWER
7298.00	7530.00	MVRD
8818.00	9079.93	KMGV GAS
10048.00	10309.93	CMEO
10818.00	11079.93	RLNS
10968.00	11229.93	TD



ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
200.00	0.26	113.56	200.00	-0.18	0.42	-0.08	0.45	First MWD Survey @ 200.00' MD / 200.00' TVD
1757.77	15.23	214.32	1722.33	-251.54	-163.74	300.09	301.70	LL Crossed @ 1757.77' MD / 1722.33' TVD
2191.98	16.38	216.55	2139.51	-351.08	-231.38	420.44	422.33	100' Setback Crossed @ 2191.98' MD / 2139.51' TVD
11177.00	6.46	216.65	10922.04	-1764.72	-1192.53	2129.87	2137.62	TD @ 11177.00' MD / 10922.04' TVD





## **Terra Energy Partners, LLP**

**Garfield County, CO (Nad 83)**

**WMC 24-17 Pad**

**WMC 12-20 - Slot WMC 12-20**

**OH**

**Design: OH**

## **KLX Survey Certification Report**

**30 September, 2022**



## KLX Directional Drilling, INC.

11390 FM 830  
Willis, TX 77318  
Phone: (936) 856-4332  
Fax: (936) 856-8678



### Survey Certification Sheet

Company	Job Number	Date
TEP Rocky Mountain LLC	RM-220863	9/30/2022

Lease	Well Name	County & State
SESW 17 7S93W 6	Federal #WMC 12-20	Garfield, CO

API No.	Survey Depth Range	Survey Type
05-045-24494	200 feet to 11177 feet MD	MWD

Sidetrack Information	Directional Supervisor/Surveyor
<a href="#">Click here to enter text.</a>	Robert Cuevas

### Certification Statement

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by KLX Directional Drilling. This report represents a true and correct directional survey of this well based on the original data obtained at the well site. Wellbore coordinates are calculated using minimum curvature.

Kristopher Ray  
Regulatory Compliance Manager  
KLX Directional Drilling, Inc.

<b>Company:</b>	Terra Energy Partners, LLP	<b>Local Co-ordinate Reference:</b>	Well WMC 12-20 - Slot WMC 12-20
<b>Project:</b>	Garfield County, CO (Nad 83)	<b>TVD Reference:</b>	KB=30' @ 8898.00usft
<b>Site:</b>	WMC 24-17 Pad	<b>MD Reference:</b>	KB=30' @ 8898.00usft
<b>Well:</b>	WMC 12-20	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	OH	<b>Database:</b>	EDM 5000.1 Single User Db

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

<b>Site</b>	WMC 24-17 Pad				
<b>Site Position:</b>		<b>Northing:</b>	1,593,032.70 usft	<b>Latitude:</b>	39.439076
<b>From:</b>	Map	<b>Easting:</b>	2,350,593.20 usft	<b>Longitude:</b>	-107.799611
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16"	<b>Grid Convergence:</b>	-1.45 °

<b>Well</b>	WMC 12-20 - Slot WMC 12-20					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	1,593,036.30 usft	<b>Latitude:</b>	39.439087
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	2,350,610.90 usft	<b>Longitude:</b>	-107.799549
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b>	8,868.00 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM2022	9/23/2022	8.88	65.38	51,051.70000000

<b>Design</b>	OH				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	214.05	

<b>Survey Program</b>	<b>Date</b>	9/30/2022			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
200.00	11,177.00	KLX MWD Surveys (OH)	OWSG (REV5) MWD HDGM	OWSG MWD - Standard	

<b>Survey</b>								
<b>MD (usft)</b>	<b>Inc (°)</b>	<b>Azi (azimuth) (°)</b>	<b>TVD (usft)</b>	<b>N/S (usft)</b>	<b>E/W (usft)</b>	<b>Closure Distance (usft)</b>	<b>Closure Azimuth (°)</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.26	113.56	200.00	-0.18	0.42	0.45	113.56	
<b>First MWD Survey @ 200.00'MD / 200.00' TVD</b>								
295.00	0.53	184.22	295.00	-0.71	0.58	0.91	140.53	
388.00	2.42	230.63	387.96	-2.38	-0.97	2.57	202.14	
481.00	5.41	227.46	480.74	-6.59	-5.72	8.73	220.94	
574.00	7.60	212.17	573.14	-14.76	-12.22	19.17	219.63	
667.00	9.58	208.48	665.09	-26.77	-19.19	32.94	215.63	
760.00	12.22	211.56	756.41	-41.96	-28.03	50.47	213.74	
853.00	14.81	209.53	846.82	-60.70	-39.04	72.17	212.75	
947.00	15.07	213.31	937.65	-81.36	-51.68	96.39	212.42	
1,040.00	14.99	216.92	1,027.47	-101.08	-65.54	120.47	212.96	

<b>Company:</b>	Terra Energy Partners, LLP	<b>Local Co-ordinate Reference:</b>	Well WMC 12-20 - Slot WMC 12-20
<b>Project:</b>	Garfield County, CO (Nad 83)	<b>TVD Reference:</b>	KB=30' @ 8898.00usft
<b>Site:</b>	WMC 24-17 Pad	<b>MD Reference:</b>	KB=30' @ 8898.00usft
<b>Well:</b>	WMC 12-20	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	OH	<b>Database:</b>	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
1,101.00	14.72	215.60		1,086.43	-113.69	-74.79	136.08	213.34
1,251.00	14.63	212.35		1,231.54	-145.19	-96.02	174.07	213.48
1,341.00	14.11	211.82		1,318.72	-164.11	-107.89	196.40	213.32
1,431.00	13.93	208.74		1,406.04	-182.93	-118.88	218.17	213.02
1,522.00	13.97	210.24		1,494.36	-202.03	-129.68	240.07	212.70
1,612.00	14.41	215.42		1,581.62	-220.54	-141.64	262.11	212.71
1,703.00	15.56	215.95		1,669.52	-239.65	-155.37	285.61	212.96
1,793.00	15.03	213.23		1,756.34	-259.18	-168.85	309.33	213.08
1,884.00	16.39	214.98		1,843.93	-279.57	-182.68	333.96	213.16
1,974.00	16.13	212.26		1,930.34	-300.55	-196.63	359.16	213.19
2,064.00	16.66	214.63		2,016.68	-321.74	-210.64	384.55	213.21
2,155.00	16.04	215.34		2,104.00	-342.72	-225.32	410.16	213.32
2,246.00	16.88	218.24		2,191.27	-363.36	-240.77	435.89	213.53
2,336.00	16.48	217.09		2,277.48	-383.80	-256.56	461.66	213.76
2,426.00	15.82	216.04		2,363.93	-403.91	-271.47	486.66	213.91
2,517.00	16.35	218.32		2,451.37	-423.99	-286.71	511.83	214.07
2,608.00	16.00	217.44		2,538.76	-443.99	-302.28	537.13	214.25
2,698.00	15.86	216.92		2,625.31	-463.67	-317.21	561.80	214.38
2,788.00	15.03	215.51		2,712.06	-483.01	-331.37	585.75	214.45
2,879.00	16.35	216.39		2,799.67	-502.92	-345.83	610.35	214.51
2,969.00	15.91	216.04		2,886.12	-523.09	-360.60	635.34	214.58
3,059.00	15.47	215.77		2,972.77	-542.81	-374.88	659.68	214.63
3,150.00	14.94	215.34		3,060.58	-562.22	-388.75	683.54	214.66
3,240.00	16.22	211.82		3,147.28	-582.37	-402.09	707.70	214.62
3,330.00	15.38	213.14		3,233.87	-603.04	-415.25	732.18	214.55
3,421.00	14.59	211.73		3,321.78	-622.90	-427.87	755.69	214.49
3,512.00	15.29	211.91		3,409.70	-642.83	-440.24	779.13	214.41
3,602.00	15.12	211.03		3,496.55	-662.96	-452.56	802.70	214.32
3,693.00	14.63	213.05		3,584.50	-682.77	-464.95	826.04	214.25
3,783.00	15.56	213.31		3,671.40	-702.38	-477.78	849.48	214.22
3,874.00	15.16	211.82		3,759.15	-722.69	-490.75	873.57	214.18
3,964.00	14.72	210.24		3,846.10	-742.57	-502.72	896.74	214.10
4,055.00	16.00	214.10		3,933.85	-762.94	-515.57	920.81	214.05
4,145.00	15.42	214.72		4,020.49	-783.05	-529.34	945.18	214.06
4,236.00	14.90	215.51		4,108.33	-802.52	-543.03	968.98	214.08
4,326.00	14.55	214.72		4,195.37	-821.23	-556.19	991.85	214.11
4,417.00	14.85	216.48		4,283.39	-840.00	-569.63	1,014.93	214.14
4,507.00	15.56	215.77		4,370.24	-859.07	-583.55	1,038.52	214.19
4,598.00	15.21	216.21		4,457.98	-878.60	-597.73	1,062.65	214.23
4,688.00	14.41	217.71		4,544.99	-896.99	-611.56	1,085.63	214.29
4,779.00	14.99	216.13		4,633.01	-915.45	-625.42	1,108.69	214.34
4,869.00	14.50	214.10		4,720.05	-934.18	-638.60	1,131.60	214.36
4,961.00	15.64	215.51		4,808.88	-953.82	-652.26	1,155.51	214.37
5,051.00	14.68	215.34		4,895.75	-972.99	-665.90	1,179.04	214.39

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<b>Site:</b>	WMC 24-17 Pad	<b>MD Reference:</b>	KB=30' @ 8898.00usft
<b>Well:</b>	WMC 12-20	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	OH	<b>Database:</b>	EDM 5000.1 Single User Db

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
5,142.00	15.21	213.93	213.93	4,983.67	-992.30	-679.24	1,202.51	214.39	214.39
5,232.00	14.46	213.14	213.14	5,070.67	-1,011.51	-691.97	1,225.55	214.38	214.38
5,323.00	13.89	213.75	213.75	5,158.90	-1,030.11	-704.25	1,247.83	214.36	214.36
5,413.00	12.92	213.05	213.05	5,246.45	-1,047.52	-715.74	1,268.69	214.34	214.34
5,504.00	13.80	213.31	213.31	5,334.98	-1,065.12	-727.25	1,289.72	214.32	214.32
5,594.00	13.80	212.52	212.52	5,422.38	-1,083.14	-738.91	1,311.18	214.30	214.30
5,684.00	14.77	215.25	215.25	5,509.60	-1,101.56	-751.31	1,333.38	214.30	214.30
5,775.00	14.33	215.95	215.95	5,597.68	-1,120.15	-764.61	1,356.23	214.32	214.32
5,865.00	14.46	212.87	212.87	5,684.86	-1,138.60	-777.25	1,378.60	214.32	214.32
5,955.00	13.89	211.03	211.03	5,772.12	-1,157.30	-788.92	1,400.62	214.28	214.28
6,046.00	15.21	211.29	211.29	5,860.20	-1,176.86	-800.75	1,423.45	214.23	214.23
6,136.00	14.15	211.91	211.91	5,947.26	-1,196.29	-812.69	1,446.23	214.19	214.19
6,227.00	15.07	214.28	214.28	6,035.32	-1,215.51	-825.24	1,469.17	214.17	214.17
6,317.00	15.12	215.16	215.16	6,122.21	-1,234.77	-838.59	1,492.61	214.18	214.18
6,408.00	14.15	216.83	216.83	6,210.26	-1,253.38	-852.09	1,515.59	214.21	214.21
6,498.00	14.63	218.76	218.76	6,297.43	-1,271.05	-865.80	1,537.91	214.26	214.26
6,589.00	14.72	216.74	216.74	6,385.47	-1,289.27	-879.91	1,560.92	214.31	214.31
6,680.00	14.15	218.76	218.76	6,473.59	-1,307.21	-893.79	1,583.56	214.36	214.36
6,770.00	13.87	216.39	216.39	6,560.92	-1,324.47	-907.08	1,605.31	214.41	214.41
6,861.00	12.79	214.37	214.37	6,649.46	-1,341.57	-919.23	1,626.28	214.42	214.42
6,951.00	13.73	217.27	217.27	6,737.07	-1,358.29	-931.33	1,646.91	214.44	214.44
7,042.00	13.80	217.80	217.80	6,825.45	-1,375.46	-944.52	1,668.53	214.48	214.48
7,132.00	13.89	218.67	218.67	6,912.84	-1,392.38	-957.85	1,690.02	214.52	214.52
7,223.00	14.15	215.69	215.69	7,001.13	-1,409.94	-971.16	1,712.04	214.56	214.56
7,313.00	13.80	213.67	213.67	7,088.46	-1,427.81	-983.53	1,733.77	214.56	214.56
7,404.00	12.44	211.20	211.20	7,177.09	-1,445.22	-994.63	1,754.41	214.54	214.54
7,494.00	12.35	214.43	214.43	7,264.99	-1,461.45	-1,005.09	1,773.71	214.52	214.52
7,585.00	13.27	210.94	210.94	7,353.73	-1,478.44	-1,015.96	1,793.87	214.50	214.50
7,675.00	13.23	207.95	207.95	7,441.33	-1,496.40	-1,026.10	1,814.41	214.44	214.44
7,765.00	11.51	206.55	206.55	7,529.24	-1,513.53	-1,034.94	1,833.54	214.36	214.36
7,856.00	11.38	206.28	206.28	7,618.43	-1,529.70	-1,042.97	1,851.42	214.29	214.29
7,947.00	11.29	207.34	207.34	7,707.65	-1,545.66	-1,051.04	1,869.16	214.22	214.22
8,037.00	11.03	208.92	208.92	7,795.95	-1,561.02	-1,059.25	1,886.48	214.16	214.16
8,128.00	10.37	210.41	210.41	7,885.37	-1,575.71	-1,067.61	1,903.32	214.12	214.12
8,218.00	10.46	214.46	214.46	7,973.89	-1,589.43	-1,076.33	1,919.57	214.11	214.11
8,309.00	10.28	215.16	215.16	8,063.40	-1,602.88	-1,085.68	1,935.95	214.11	214.11
8,399.00	8.61	213.67	213.67	8,152.18	-1,615.05	-1,094.04	1,950.72	214.11	214.11
8,490.00	8.26	212.17	212.17	8,242.19	-1,626.25	-1,101.30	1,964.06	214.11	214.11
8,580.00	8.22	211.91	211.91	8,331.26	-1,637.19	-1,108.14	1,976.96	214.09	214.09
8,671.00	7.03	209.18	209.18	8,421.46	-1,647.57	-1,114.29	1,989.00	214.07	214.07
8,762.00	5.93	211.73	211.73	8,511.88	-1,656.43	-1,119.48	1,999.25	214.05	214.05
8,852.00	5.49	210.24	210.24	8,601.43	-1,664.11	-1,124.09	2,008.19	214.04	214.04
8,942.00	3.96	206.11	206.11	8,691.12	-1,670.62	-1,127.63	2,015.57	214.02	214.02
9,033.00	2.81	202.50	202.50	8,781.96	-1,675.50	-1,129.87	2,020.86	213.99	213.99
9,123.00	3.03	202.50	202.50	8,871.84	-1,679.73	-1,131.62	2,025.36	213.97	213.97

<b>Company:</b>	Terra Energy Partners, LLP	<b>Local Co-ordinate Reference:</b>	Well WMC 12-20 - Slot WMC 12-20
<b>Project:</b>	Garfield County, CO (Nad 83)	<b>TVD Reference:</b>	KB=30' @ 8898.00usft
<b>Site:</b>	WMC 24-17 Pad	<b>MD Reference:</b>	KB=30' @ 8898.00usft
<b>Well:</b>	WMC 12-20	<b>North Reference:</b>	True
<b>Wellbore:</b>	OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	OH	<b>Database:</b>	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
9,214.00	2.77	204.79	8,962.73	-1,683.95	-1,133.46	2,029.89	213.94	
9,304.00	2.94	210.41	9,052.62	-1,687.92	-1,135.54	2,034.34	213.93	
9,395.00	2.68	206.28	9,143.51	-1,691.84	-1,137.67	2,038.77	213.92	
9,485.00	2.68	199.95	9,233.41	-1,695.70	-1,139.32	2,042.90	213.90	
9,576.00	2.11	193.27	9,324.33	-1,699.33	-1,140.43	2,046.53	213.87	
9,666.00	2.11	191.34	9,414.27	-1,702.57	-1,141.13	2,049.62	213.83	
9,757.00	1.80	179.30	9,505.22	-1,705.64	-1,141.44	2,052.34	213.79	
9,847.00	1.27	174.29	9,595.18	-1,708.05	-1,141.33	2,054.28	213.75	
9,938.00	1.05	192.40	9,686.16	-1,709.86	-1,141.41	2,055.83	213.72	
10,028.00	0.88	218.94	9,776.15	-1,711.21	-1,142.02	2,057.29	213.72	
10,119.00	1.14	220.52	9,867.14	-1,712.44	-1,143.05	2,058.88	213.72	
10,209.00	1.67	228.08	9,957.11	-1,714.00	-1,144.60	2,061.04	213.73	
10,300.00	2.02	245.13	10,048.06	-1,715.56	-1,147.04	2,063.70	213.77	
10,390.00	2.20	248.29	10,138.00	-1,716.86	-1,150.09	2,066.48	213.82	
10,481.00	1.98	246.18	10,228.94	-1,718.14	-1,153.15	2,069.24	213.87	
10,572.00	3.03	232.74	10,319.85	-1,720.23	-1,156.50	2,072.85	213.91	
10,662.00	4.00	219.20	10,409.69	-1,724.11	-1,160.38	2,078.23	213.94	
10,752.00	5.71	219.11	10,499.36	-1,730.01	-1,165.19	2,085.81	213.96	
10,843.00	6.24	219.91	10,589.86	-1,737.32	-1,171.22	2,095.24	213.99	
10,934.00	5.01	219.03	10,680.42	-1,744.20	-1,176.89	2,104.12	214.01	
11,024.00	6.20	217.44	10,769.99	-1,751.11	-1,182.32	2,112.88	214.03	
11,114.00	6.46	216.65	10,859.44	-1,759.03	-1,188.30	2,122.79	214.04	
11,177.00	6.46	216.65	10,922.04	-1,764.72	-1,192.53	2,129.87	214.05	
<b>TD @ 11177.00' MD / 10922.04' TVD</b>								

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
200.00	200.00	-0.18	0.42	First MWD Survey @ 200.00'MD / 200.00' TVD	
11,177.00	10,922.04	-1,764.72	-1,192.53	TD @ 11177.00' MD / 10922.04' TVD	