Project: Garfield County, CO (Nad 83)
Site: S. Leverich 13-09 Pad
Well: SR 523-13
Wellbore: Wellbore #1
Design: Plan 1
Latitude: 39.435583
Longitude: -107.829258
Ground Level: 8007.00
KB=30' @ 8037.00usft (H&P #329)

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
SR 523-13 - VP	7091.00	276.76	-2443.00	1592313.60	2339755.00	39.436343	-107.837908	Circle (Radius: 50.00)
SR 523-13 - PBHL	10331.00	276.76	-2443.00	1592313.60	2339755.00	39.436343	-107.837908	Point

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well SR 523-13 - Slot (B03) SR 523-13, True North
Vertical (TVD) Reference: KB=30' @ 8037.00usft (H&P #329)
Section (VS) Reference: Slot - (B03) SR 523-13(0.00N, 0.00E)
Measured Depth Reference: KB=30' @ 8037.00usft (H&P #329)
Calculation Method: Minimum Curvature

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
180.00	0.00	0.00	180.00	0.00	0.00	0.00	0.00	Start Build 3.00
346.67	5.00	290.00	346.46	2.49	-6.83	7.07	7.27	Start DLS 3.00 TFO -17.24
960.22	23.23	276.27	939.08	25.05	-153.48	155.32	155.82	Start 5055.23 hold at 960.22 MD
6015.45	23.23	276.27	5584.56	242.93	-2135.25	2149.02	2149.53	Start Drop -1.50
7563.96	0.00	0.00	7091.00	276.76	-2443.00	2458.62	2459.14	Start 3240.00 hold at 7563.96 MD
10803.96	0.00	0.00	10331.00	276.76	-2443.00	2458.62	2459.14	TD at 10803.96

WELL DETAILS: SR 523-13

Ground Elev: 8007.00

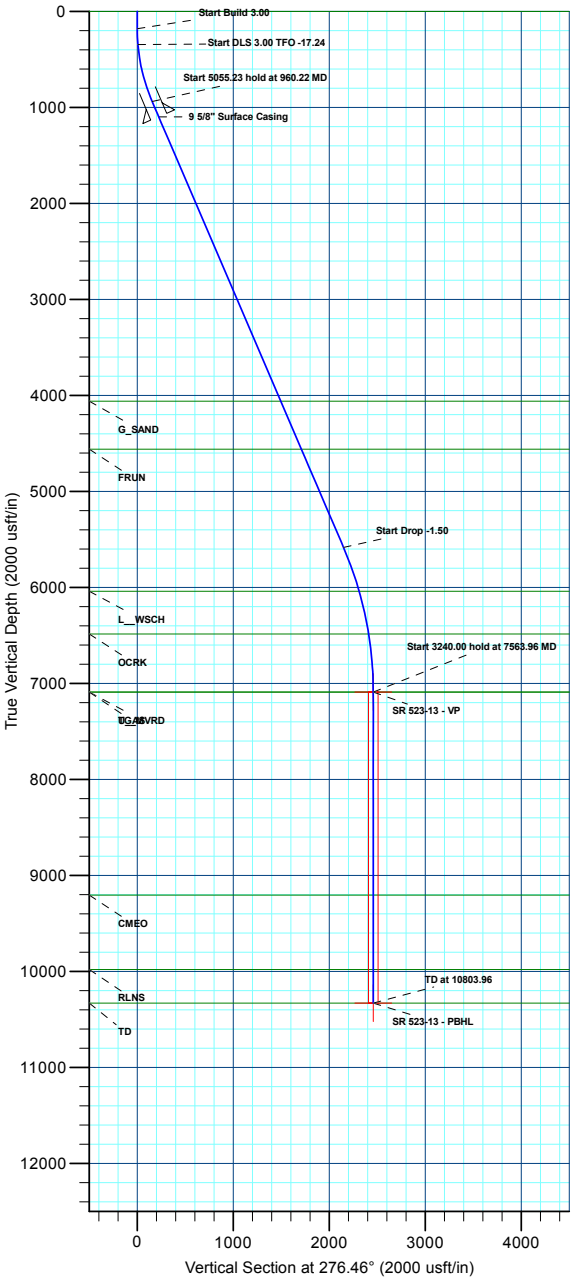
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1591974.30	2342190.10	39.435583	-107.829258	(B03) SR 523-13

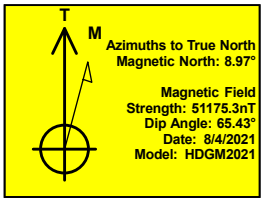
CASING DETAILS

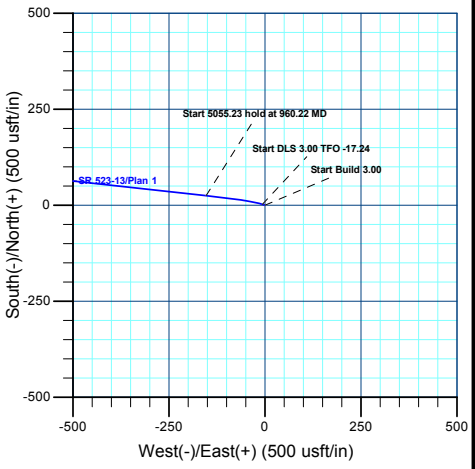
TVD	MD	Name	Size
1100.00	1135.33	9 5/8" Surface Casing	9-5/8

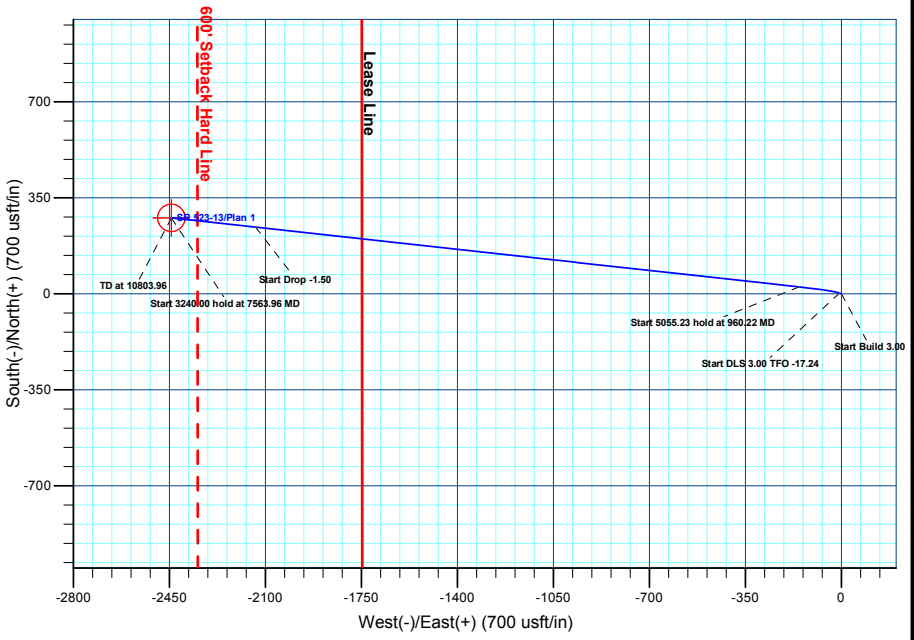
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
0.00	0.00	U__WSCH
4061.00	4357.50	G_SAND
4561.00	4901.61	FRUN
6041.00	6500.26	L__WSCH
6486.00	6956.40	OCRK
7091.00	7563.96	TGAS
7091.00	7563.96	U__MVRD
9207.00	9679.96	CMEO
9981.00	10453.96	RLNS









Plan: Plan 1 (SR 523-13/Wellbore #1)

Created By: Chase Chambers Date: 12:57, April 19 2022

Terra Energy Partners, LLP

Garfield County, CO (Nad 83)
S. Leverich 13-09 Pad
SR 523-13 - Slot (B03) SR 523-13

Wellbore #1

Plan: Plan 1

KLX Well Planning Report

15 February, 2022

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well SR 523-13 - Slot (B03) SR 523-13
Company:	Terra Energy Partners, LLP	**TVD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Project:	Garfield County, CO (Nad 83)	**MD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Site:	S. Leverich 13-09 Pad	**North Reference:**	True
Well:	SR 523-13	**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 S. Leverich 13-09 Pad

Site Position:		**Northing:**	1,591,962.80 usft	**Latitude:**	39.435551
From:	Map	**Easting:**	2,342,185.30 usft	**Longitude:**	-107.829274
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	-1.47 °

Well SR 523-13 - Slot (B03) SR 523-13

Well Position	**+N/-S**	11.62 usft	**Northing:**	1,591,974.30 usft	**Latitude:**	39.435583
	+E/-W	4.50 usft	**Easting:**	2,342,190.10 usft	**Longitude:**	-107.829258
Position Uncertainty		0.00 usft	**Wellhead Elevation:**		**Ground Level:**	8,007.00 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	HDGM2021	8/4/2021	8.97	65.43	51,175.30000000

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	276.46

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	
180.00	0.00	0.00	180.00	0.00	0.00	0.00	0.00	0.00	0.00	
346.67	5.00	290.00	346.46	2.49	-6.83	3.00	3.00	0.00	290.00	
960.22	23.23	276.27	939.08	25.05	-153.48	3.00	2.97	-2.24	-17.24	
6,015.45	23.23	276.27	5,584.56	242.93	-2,135.25	0.00	0.00	0.00	0.00	
7,563.96	0.00	0.00	7,091.00	276.76	-2,443.00	1.50	-1.50	0.00	180.00	SR 523-13 - VP
10,803.96	0.00	0.00	10,331.00	276.76	-2,443.00	0.00	0.00	0.00	0.00	SR 523-13 - PBHL

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well SR 523-13 - Slot (B03) SR 523-13
Company:	Terra Energy Partners, LLP	**TVD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Project:	Garfield County, CO (Nad 83)	**MD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Site:	S. Leverich 13-09 Pad	**North Reference:**	True
Well:	SR 523-13	**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)
U__WSCH									
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
Start Build 3.00									
180.00	0.00	0.00	180.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.60	290.00	200.00	0.04	-0.10	0.10	3.00	3.00	0.00
300.00	3.60	290.00	299.92	1.29	-3.54	3.66	3.00	3.00	0.00
Start DLS 3.00 TFO -17.24									
346.67	5.00	290.00	346.46	2.49	-6.83	7.07	3.00	3.00	0.00
400.00	6.55	285.84	399.52	4.11	-11.94	12.32	3.00	2.90	-7.81
500.00	9.49	281.71	498.53	7.34	-25.50	26.16	3.00	2.95	-4.12
600.00	12.46	279.54	596.69	10.80	-44.22	45.15	3.00	2.97	-2.18
700.00	15.45	278.19	693.73	14.49	-68.04	69.24	3.00	2.98	-1.35
800.00	18.43	277.27	789.38	18.39	-96.91	98.37	3.00	2.99	-0.92
900.00	21.43	276.60	883.38	22.49	-130.75	132.45	3.00	2.99	-0.67
Start 5055.23 hold at 960.22 MD									
960.22	23.23	276.27	939.08	25.05	-153.48	155.32	3.00	2.99	-0.54
1,000.00	23.23	276.27	975.64	26.76	-169.08	171.01	0.00	0.00	0.00
1,100.00	23.23	276.27	1,067.53	31.07	-208.28	210.45	0.00	0.00	0.00
9 5/8" Surface Casing									
1,135.33	23.23	276.27	1,100.00	32.59	-222.13	224.39	0.00	0.00	0.00
1,200.00	23.23	276.27	1,159.43	35.38	-247.48	249.89	0.00	0.00	0.00
1,300.00	23.23	276.27	1,251.32	39.69	-286.68	289.33	0.00	0.00	0.00
1,400.00	23.23	276.27	1,343.21	44.00	-325.88	328.77	0.00	0.00	0.00
1,500.00	23.23	276.27	1,435.11	48.31	-365.09	368.21	0.00	0.00	0.00
1,600.00	23.23	276.27	1,527.00	52.62	-404.29	407.64	0.00	0.00	0.00
1,700.00	23.23	276.27	1,618.90	56.93	-443.49	447.08	0.00	0.00	0.00
1,800.00	23.23	276.27	1,710.79	61.24	-482.69	486.52	0.00	0.00	0.00
1,900.00	23.23	276.27	1,802.69	65.55	-521.90	525.96	0.00	0.00	0.00
2,000.00	23.23	276.27	1,894.58	69.86	-561.10	565.40	0.00	0.00	0.00
2,100.00	23.23	276.27	1,986.48	74.17	-600.30	604.83	0.00	0.00	0.00
2,200.00	23.23	276.27	2,078.37	78.48	-639.50	644.27	0.00	0.00	0.00
2,300.00	23.23	276.27	2,170.27	82.79	-678.71	683.71	0.00	0.00	0.00
2,400.00	23.23	276.27	2,262.16	87.10	-717.91	723.15	0.00	0.00	0.00
2,500.00	23.23	276.27	2,354.05	91.41	-757.11	762.59	0.00	0.00	0.00
2,600.00	23.23	276.27	2,445.95	95.72	-796.31	802.03	0.00	0.00	0.00
2,700.00	23.23	276.27	2,537.84	100.03	-835.51	841.46	0.00	0.00	0.00
2,800.00	23.23	276.27	2,629.74	104.34	-874.72	880.90	0.00	0.00	0.00
2,900.00	23.23	276.27	2,721.63	108.65	-913.92	920.34	0.00	0.00	0.00
3,000.00	23.23	276.27	2,813.53	112.96	-953.12	959.78	0.00	0.00	0.00
3,100.00	23.23	276.27	2,905.42	117.27	-992.32	999.22	0.00	0.00	0.00
3,200.00	23.23	276.27	2,997.32	121.58	-1,031.53	1,038.66	0.00	0.00	0.00
3,300.00	23.23	276.27	3,089.21	125.89	-1,070.73	1,078.09	0.00	0.00	0.00
3,400.00	23.23	276.27	3,181.11	130.20	-1,109.93	1,117.53	0.00	0.00	0.00
3,500.00	23.23	276.27	3,273.00	134.51	-1,149.13	1,156.97	0.00	0.00	0.00
3,600.00	23.23	276.27	3,364.89	138.82	-1,188.34	1,196.41	0.00	0.00	0.00
3,700.00	23.23	276.27	3,456.79	143.13	-1,227.54	1,235.85	0.00	0.00	0.00
3,800.00	23.23	276.27	3,548.68	147.44	-1,266.74	1,275.29	0.00	0.00	0.00
3,900.00	23.23	276.27	3,640.58	151.75	-1,305.94	1,314.72	0.00	0.00	0.00
4,000.00	23.23	276.27	3,732.47	156.06	-1,345.14	1,354.16	0.00	0.00	0.00
4,100.00	23.23	276.27	3,824.37	160.37	-1,384.35	1,393.60	0.00	0.00	0.00
4,200.00	23.23	276.27	3,916.26	164.68	-1,423.55	1,433.04	0.00	0.00	0.00
4,300.00	23.23	276.27	4,008.16	168.99	-1,462.75	1,472.48	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well SR 523-13 - Slot (B03) SR 523-13
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Project:	Garfield County, CO (Nad 83)	**MD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Site:	S. Leverich 13-09 Pad	**North Reference:**	True
Well:	SR 523-13	**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)
G_SAND									
4,357.50	23.23	276.27	4,061.00	171.47	-1,485.29	1,495.16	0.00	0.00	0.00
4,400.00	23.23	276.27	4,100.05	173.30	-1,501.95	1,511.92	0.00	0.00	0.00
4,500.00	23.23	276.27	4,191.95	177.61	-1,541.16	1,551.35	0.00	0.00	0.00
4,600.00	23.23	276.27	4,283.84	181.92	-1,580.36	1,590.79	0.00	0.00	0.00
4,700.00	23.23	276.27	4,375.73	186.23	-1,619.56	1,630.23	0.00	0.00	0.00
4,800.00	23.23	276.27	4,467.63	190.54	-1,658.76	1,669.67	0.00	0.00	0.00
4,900.00	23.23	276.27	4,559.52	194.85	-1,697.96	1,709.11	0.00	0.00	0.00
FRUN									
4,901.61	23.23	276.27	4,561.00	194.92	-1,698.59	1,709.74	0.00	0.00	0.00
5,000.00	23.23	276.27	4,651.42	199.16	-1,737.17	1,748.54	0.00	0.00	0.00
5,100.00	23.23	276.27	4,743.31	203.47	-1,776.37	1,787.98	0.00	0.00	0.00
5,200.00	23.23	276.27	4,835.21	207.78	-1,815.57	1,827.42	0.00	0.00	0.00
5,300.00	23.23	276.27	4,927.10	212.09	-1,854.77	1,866.86	0.00	0.00	0.00
5,400.00	23.23	276.27	5,019.00	216.40	-1,893.98	1,906.30	0.00	0.00	0.00
5,500.00	23.23	276.27	5,110.89	220.71	-1,933.18	1,945.74	0.00	0.00	0.00
5,600.00	23.23	276.27	5,202.79	225.02	-1,972.38	1,985.17	0.00	0.00	0.00
5,700.00	23.23	276.27	5,294.68	229.33	-2,011.58	2,024.61	0.00	0.00	0.00
5,800.00	23.23	276.27	5,386.57	233.64	-2,050.79	2,064.05	0.00	0.00	0.00
5,900.00	23.23	276.27	5,478.47	237.95	-2,089.99	2,103.49	0.00	0.00	0.00
6,000.00	23.23	276.27	5,570.36	242.26	-2,129.19	2,142.93	0.00	0.00	0.00
Start Drop -1.50									
6,015.45	23.23	276.27	5,584.56	242.93	-2,135.25	2,149.02	0.00	0.00	0.00
6,100.00	21.96	276.27	5,662.62	246.48	-2,167.53	2,181.50	1.50	-1.50	0.00
6,200.00	20.46	276.27	5,755.84	250.43	-2,203.49	2,217.68	1.50	-1.50	0.00
6,300.00	18.96	276.27	5,849.98	254.11	-2,237.02	2,251.40	1.50	-1.50	0.00
6,400.00	17.46	276.27	5,944.97	257.53	-2,268.08	2,282.65	1.50	-1.50	0.00
6,500.00	15.96	276.27	6,040.75	260.67	-2,296.66	2,311.40	1.50	-1.50	0.00
L__WSCH									
6,500.26	15.96	276.27	6,041.00	260.68	-2,296.73	2,311.47	0.00	0.00	0.00
6,600.00	14.46	276.27	6,137.24	263.54	-2,322.73	2,337.64	1.50	-1.50	0.00
6,700.00	12.96	276.27	6,234.39	266.13	-2,346.29	2,361.33	1.50	-1.50	0.00
6,800.00	11.46	276.27	6,332.13	268.44	-2,367.31	2,382.48	1.50	-1.50	0.00
6,900.00	9.96	276.27	6,430.38	270.47	-2,385.78	2,401.06	1.50	-1.50	0.00
OCRK									
6,956.40	9.11	276.27	6,486.00	271.49	-2,395.07	2,410.41	1.50	-1.50	0.00
7,000.00	8.46	276.27	6,529.09	272.22	-2,401.69	2,417.07	1.50	-1.50	0.00
7,100.00	6.96	276.27	6,628.18	273.69	-2,415.02	2,430.48	1.50	-1.50	0.00
7,200.00	5.46	276.27	6,727.59	274.87	-2,425.78	2,441.30	1.50	-1.50	0.00
7,300.00	3.96	276.27	6,827.25	275.76	-2,433.94	2,449.51	1.50	-1.50	0.00
7,400.00	2.46	276.27	6,927.09	276.38	-2,439.50	2,455.11	1.50	-1.50	0.00
7,500.00	0.96	276.27	7,027.05	276.70	-2,442.47	2,458.09	1.50	-1.50	0.00
Start 3240.00 hold at 7563.96 MD - U__MVRD - TGAS									
7,563.96	0.00	0.00	7,091.00	276.76	-2,443.00	2,458.63	1.50	-1.50	0.00
7,600.00	0.00	0.00	7,127.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
7,700.00	0.00	0.00	7,227.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
7,800.00	0.00	0.00	7,327.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
7,900.00	0.00	0.00	7,427.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,000.00	0.00	0.00	7,527.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,100.00	0.00	0.00	7,627.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,200.00	0.00	0.00	7,727.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,300.00	0.00	0.00	7,827.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,400.00	0.00	0.00	7,927.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well SR 523-13 - Slot (B03) SR 523-13
Company:	Terra Energy Partners, LLP	**TVD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Project:	Garfield County, CO (Nad 83)	**MD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Site:	S. Leverich 13-09 Pad	**North Reference:**	True
Well:	SR 523-13	**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)
8,500.00	0.00	0.00	8,027.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,600.00	0.00	0.00	8,127.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,700.00	0.00	0.00	8,227.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,800.00	0.00	0.00	8,327.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
8,900.00	0.00	0.00	8,427.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,000.00	0.00	0.00	8,527.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,100.00	0.00	0.00	8,627.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,200.00	0.00	0.00	8,727.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,300.00	0.00	0.00	8,827.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,400.00	0.00	0.00	8,927.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,500.00	0.00	0.00	9,027.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,600.00	0.00	0.00	9,127.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
CMEO									
9,679.96	0.00	0.00	9,207.00	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,700.00	0.00	0.00	9,227.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,800.00	0.00	0.00	9,327.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
9,900.00	0.00	0.00	9,427.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,000.00	0.00	0.00	9,527.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,100.00	0.00	0.00	9,627.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,200.00	0.00	0.00	9,727.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,300.00	0.00	0.00	9,827.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,400.00	0.00	0.00	9,927.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
RLNS									
10,453.96	0.00	0.00	9,981.00	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,500.00	0.00	0.00	10,027.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,600.00	0.00	0.00	10,127.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
10,700.00	0.00	0.00	10,227.04	276.76	-2,443.00	2,458.63	0.00	0.00	0.00
TD at 10803.96									
10,803.96	0.00	0.00	10,331.00	276.76	-2,443.00	2,458.63	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
SR 523-13 - VP - plan hits target center - Circle (radius 50.00)	0.00	0.00	7,091.00	276.76	-2,443.00	1,592,313.60	2,339,755.00	39.436343	-107.837908
SR 523-13 - PBHL - plan hits target center - Point	0.00	0.00	10,331.00	276.76	-2,443.00	1,592,313.60	2,339,755.00	39.436343	-107.837908

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,135.33	1,100.00	9 5/8" Surface Casing	9-5/8	12-1/4

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Project:	Garfield County, CO (Nad 83)	**MD Reference:**	KB=30' @ 8037.00usft (H&P #329)
Site:	S. Leverich 13-09 Pad	**North Reference:**	True
Well:	SR 523-13	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
0.00	0.00	U__WSCH		0.00	
4,357.50	4,061.00	G_SAND			
4,901.61	4,561.00	FRUN			
6,500.26	6,041.00	L__WSCH			
6,956.40	6,486.00	OCRK			
7,563.96	7,091.00	U__MVRD			
7,563.96	7,091.00	TGAS			
9,679.96	9,207.00	CMEO			
10,453.96	9,981.00	RLNS			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
180.00	180.00	0.00	0.00	Start Build 3.00
346.67	346.46	2.49	-6.83	Start DLS 3.00 TFO -17.24
960.22	939.08	25.05	-153.48	Start 5055.23 hold at 960.22 MD
6,015.45	5,584.56	242.93	-2,135.25	Start Drop -1.50
7,563.96	7,091.00	276.76	-2,443.00	Start 3240.00 hold at 7563.96 MD
10,803.96	10,331.00	276.76	-2,443.00	TD at 10803.96