

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 SR 422-13 - Slot (B07) SR 422-13, True North
 Vertical (TVD) Reference: KB=30' @ 8037.00usft (H&P #329)
 Section (VS) Reference: Slot - (B07) SR 422-13(0.00N, 0.00E)
 Measured Depth Reference: KB=30' @ 8037.00usft (H&P #329)
 Calculation Method: Minimum Curvature

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

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SR 422-13 - VP	7061.00	1666.36	-2472.73	1593710.80	2339790.00	39.440180	-107.837911	Circle (Radius: 50.00)
SR 422-13 - PBHL	10351.00	1666.36	-2472.73	1593710.80	2339790.00	39.440180	-107.837911	Point

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 3.00
286.67	5.00	320.00	286.46	5.57	-4.67	6.99	7.27	Start DLS 3.00 TFO -19.36
1080.29	28.57	303.75	1041.14	139.42	-187.33	233.27	234.04	Start 4774.50 hold at 1080.29 MD
5854.79	28.57	303.75	5234.22	1407.95	-2085.96	2516.65	2517.44	Start Drop -1.50
7061.00	0.00	0.00	7061.00	1666.36	-2472.73	2981.80	2982.59	Start 3290.00 hold at 7759.54 MD
11049.54	0.00	0.00	10351.00	1666.36	-2472.73	2981.80	2982.59	TD at 11049.54

WELL DETAILS: SR 422-13

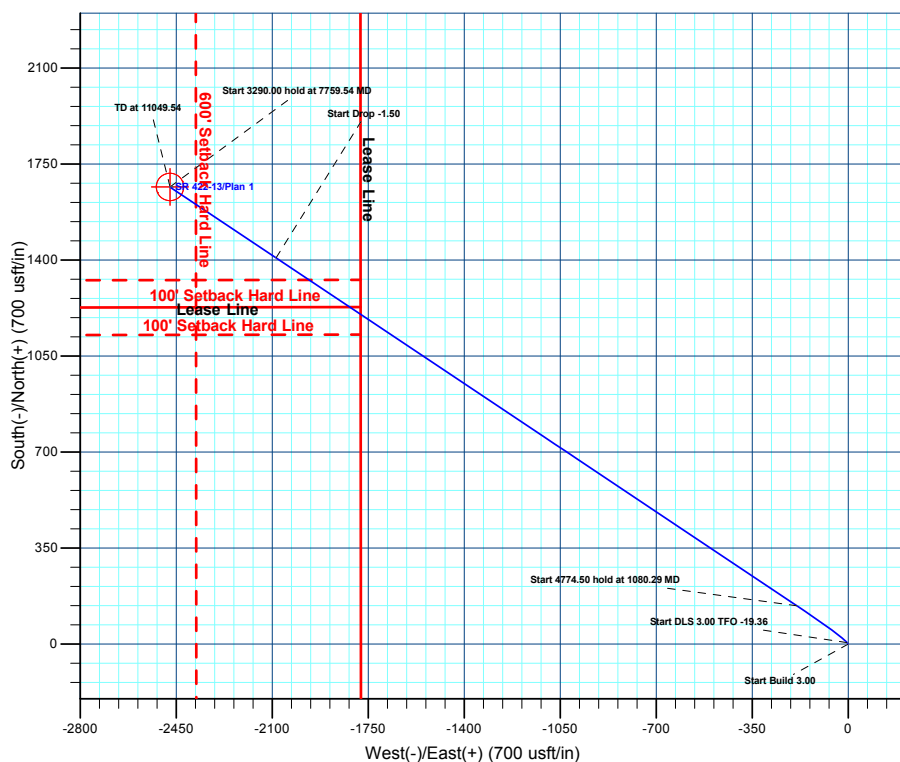
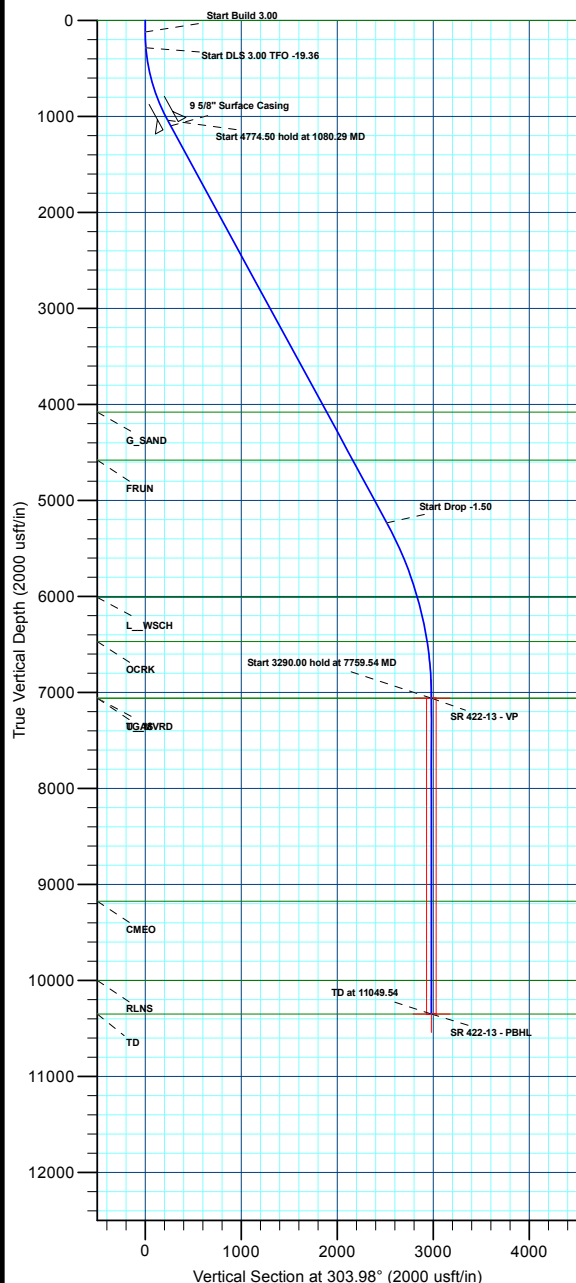
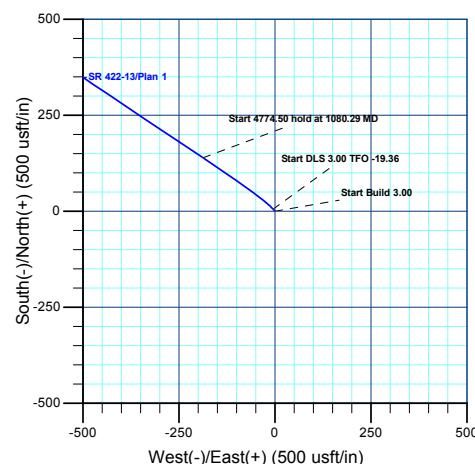
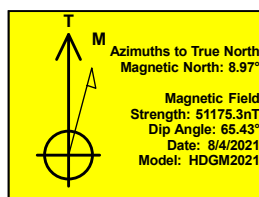
+N/-S	+E/-W	Northing	Ground Elev:	8007.00	Latitude	Longitude	Slot
0.00	0.00	1591981.60	Easting	2342219.20	39.435605	-107.829156	(B07) SR 422-13

CASING DETAILS

TVD	MD	Name	Size
1100.00	1147.31	9 5/8" Surface Casing	9-5/8

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
0.00	0.00	U_WSCH
4081.00	4541.67	G_SAND
4581.00	5111.00	FRUN
6011.00	6695.84	L_WSCH
6471.00	7167.17	OCRK
7061.00	7759.54	U_MVRD
9177.00	9875.54	CMEO
10001.00	10699.54	RLNS
10351.00	11049.54	TD



Plan: Plan 1 (SR 422-13/Wellbore #1)

Created By: Chase Chambers Date: 12:30, April 19 2022



Terra Energy Partners, LLP

Garfield County, CO (Nad 83)

S. Leverich 13-09 Pad

SR 422-13 - Slot (B07) SR 422-13

Wellbore #1

Plan: Plan 1

KLX Well Planning Report

14 February, 2022



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SR 422-13 - Slot (B07) SR 422-13
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 422-13	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 422-13 - Slot (B07) SR 422-13					
Well Position	+N/-S	19.66 usft	Northing:	1,591,981.60 usft	Latitude:	39.435605
	+E/-W	33.41 usft	Easting:	2,342,219.20 usft	Longitude:	-107.829156
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	303.98

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	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
286.67	5.00	320.00	286.46	5.57	-4.67	3.00	3.00	0.00	320.00	
1,080.29	28.57	303.75	1,041.14	139.42	-187.33	3.00	2.97	-2.05	-19.36	
5,854.79	28.57	303.75	5,234.22	1,407.95	-2,085.96	0.00	0.00	0.00	0.00	
7,759.54	0.00	0.00	7,061.00	1,666.36	-2,472.73	1.50	-1.50	0.00	180.00	SR 422-13 - VP
11,049.54	0.00	0.00	10,351.00	1,666.36	-2,472.73	0.00	0.00	0.00	0.00	SR 422-13 - PBHL

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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 422-13	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									
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2.40	320.00	199.98	1.28	-1.08	1.61	3.00	3.00	0.00
Start DLS 3.00 TFO -19.36									
286.67	5.00	320.00	286.46	5.57	-4.67	6.99	3.00	3.00	0.00
300.00	5.38	318.59	299.73	6.48	-5.46	8.15	3.00	2.84	-10.61
400.00	8.28	312.16	399.01	14.83	-13.90	19.82	3.00	2.91	-6.43
500.00	11.24	309.07	497.56	25.81	-26.81	36.66	3.00	2.96	-3.09
600.00	14.21	307.26	595.09	39.39	-44.15	58.63	3.00	2.97	-1.81
700.00	17.20	306.06	691.35	55.53	-65.88	85.66	3.00	2.98	-1.19
800.00	20.18	305.22	786.06	74.18	-91.93	117.69	3.00	2.99	-0.85
900.00	23.17	304.58	878.98	95.30	-122.23	154.62	3.00	2.99	-0.64
1,000.00	26.17	304.08	969.84	118.83	-156.70	196.36	3.00	2.99	-0.50
Start 4774.50 hold at 1080.29 MD									
1,080.29	28.57	303.75	1,041.14	139.42	-187.33	233.27	3.00	2.99	-0.41
1,100.00	28.57	303.75	1,058.45	144.66	-195.17	242.69	0.00	0.00	0.00
9 5/8" Surface Casing									
1,147.31	28.57	303.75	1,100.00	157.23	-213.99	265.32	0.00	0.00	0.00
1,200.00	28.57	303.75	1,146.27	171.23	-234.94	290.52	0.00	0.00	0.00
1,300.00	28.57	303.75	1,234.09	197.79	-274.70	338.34	0.00	0.00	0.00
1,400.00	28.57	303.75	1,321.91	224.36	-314.47	386.17	0.00	0.00	0.00
1,500.00	28.57	303.75	1,409.74	250.93	-354.24	433.99	0.00	0.00	0.00
1,600.00	28.57	303.75	1,497.56	277.50	-394.00	481.81	0.00	0.00	0.00
1,700.00	28.57	303.75	1,585.38	304.07	-433.77	529.64	0.00	0.00	0.00
1,800.00	28.57	303.75	1,673.20	330.64	-473.53	577.46	0.00	0.00	0.00
1,900.00	28.57	303.75	1,761.03	357.21	-513.30	625.29	0.00	0.00	0.00
2,000.00	28.57	303.75	1,848.85	383.78	-553.07	673.11	0.00	0.00	0.00
2,100.00	28.57	303.75	1,936.67	410.34	-592.83	720.94	0.00	0.00	0.00
2,200.00	28.57	303.75	2,024.49	436.91	-632.60	768.76	0.00	0.00	0.00
2,300.00	28.57	303.75	2,112.32	463.48	-672.36	816.59	0.00	0.00	0.00
2,400.00	28.57	303.75	2,200.14	490.05	-712.13	864.41	0.00	0.00	0.00
2,500.00	28.57	303.75	2,287.96	516.62	-751.90	912.24	0.00	0.00	0.00
2,600.00	28.57	303.75	2,375.78	543.19	-791.66	960.06	0.00	0.00	0.00
2,700.00	28.57	303.75	2,463.60	569.76	-831.43	1,007.89	0.00	0.00	0.00
2,800.00	28.57	303.75	2,551.43	596.33	-871.19	1,055.71	0.00	0.00	0.00
2,900.00	28.57	303.75	2,639.25	622.89	-910.96	1,103.53	0.00	0.00	0.00
3,000.00	28.57	303.75	2,727.07	649.46	-950.73	1,151.36	0.00	0.00	0.00
3,100.00	28.57	303.75	2,814.89	676.03	-990.49	1,199.18	0.00	0.00	0.00
3,200.00	28.57	303.75	2,902.72	702.60	-1,030.26	1,247.01	0.00	0.00	0.00
3,300.00	28.57	303.75	2,990.54	729.17	-1,070.02	1,294.83	0.00	0.00	0.00
3,400.00	28.57	303.75	3,078.36	755.74	-1,109.79	1,342.66	0.00	0.00	0.00
3,500.00	28.57	303.75	3,166.18	782.31	-1,149.56	1,390.48	0.00	0.00	0.00
3,600.00	28.57	303.75	3,254.01	808.88	-1,189.32	1,438.31	0.00	0.00	0.00
3,700.00	28.57	303.75	3,341.83	835.44	-1,229.09	1,486.13	0.00	0.00	0.00
3,800.00	28.57	303.75	3,429.65	862.01	-1,268.85	1,533.96	0.00	0.00	0.00
3,900.00	28.57	303.75	3,517.47	888.58	-1,308.62	1,581.78	0.00	0.00	0.00
4,000.00	28.57	303.75	3,605.30	915.15	-1,348.39	1,629.61	0.00	0.00	0.00
4,100.00	28.57	303.75	3,693.12	941.72	-1,388.15	1,677.43	0.00	0.00	0.00
4,200.00	28.57	303.75	3,780.94	968.29	-1,427.92	1,725.26	0.00	0.00	0.00
4,300.00	28.57	303.75	3,868.76	994.86	-1,467.68	1,773.08	0.00	0.00	0.00
4,400.00	28.57	303.75	3,956.58	1,021.43	-1,507.45	1,820.90	0.00	0.00	0.00

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Site:	S. Leverich 13-09 Pad	North Reference:	True
Well:	SR 422-13	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)
4,500.00	28.57	303.75	4,044.41	1,047.99	-1,547.22	1,868.73	0.00	0.00	0.00
G_SAND									
4,541.67	28.57	303.75	4,081.00	1,059.07	-1,563.78	1,888.66	0.00	0.00	0.00
4,600.00	28.57	303.75	4,132.23	1,074.56	-1,586.98	1,916.55	0.00	0.00	0.00
4,700.00	28.57	303.75	4,220.05	1,101.13	-1,626.75	1,964.38	0.00	0.00	0.00
4,800.00	28.57	303.75	4,307.87	1,127.70	-1,666.51	2,012.20	0.00	0.00	0.00
4,900.00	28.57	303.75	4,395.70	1,154.27	-1,706.28	2,060.03	0.00	0.00	0.00
5,000.00	28.57	303.75	4,483.52	1,180.84	-1,746.05	2,107.85	0.00	0.00	0.00
5,100.00	28.57	303.75	4,571.34	1,207.41	-1,785.81	2,155.68	0.00	0.00	0.00
FRUN									
5,111.00	28.57	303.75	4,581.00	1,210.33	-1,790.18	2,160.94	0.00	0.00	0.00
5,200.00	28.57	303.75	4,659.16	1,233.98	-1,825.58	2,203.50	0.00	0.00	0.00
5,300.00	28.57	303.75	4,746.99	1,260.55	-1,865.34	2,251.33	0.00	0.00	0.00
5,400.00	28.57	303.75	4,834.81	1,287.11	-1,905.11	2,299.15	0.00	0.00	0.00
5,500.00	28.57	303.75	4,922.63	1,313.68	-1,944.88	2,346.98	0.00	0.00	0.00
5,600.00	28.57	303.75	5,010.45	1,340.25	-1,984.64	2,394.80	0.00	0.00	0.00
5,700.00	28.57	303.75	5,098.28	1,366.82	-2,024.41	2,442.63	0.00	0.00	0.00
5,800.00	28.57	303.75	5,186.10	1,393.39	-2,064.17	2,490.45	0.00	0.00	0.00
Start Drop -1.50									
5,854.79	28.57	303.75	5,234.22	1,407.95	-2,085.96	2,516.65	0.00	0.00	0.00
5,900.00	27.89	303.75	5,274.05	1,419.83	-2,103.74	2,538.04	1.50	-1.50	0.00
6,000.00	26.39	303.75	5,363.03	1,445.17	-2,141.68	2,583.66	1.50	-1.50	0.00
6,100.00	24.89	303.75	5,453.18	1,469.21	-2,177.66	2,626.93	1.50	-1.50	0.00
6,200.00	23.39	303.75	5,544.43	1,491.93	-2,211.67	2,667.83	1.50	-1.50	0.00
6,300.00	21.89	303.75	5,636.72	1,513.32	-2,243.68	2,706.33	1.50	-1.50	0.00
6,400.00	20.39	303.75	5,729.99	1,533.36	-2,273.67	2,742.40	1.50	-1.50	0.00
6,500.00	18.89	303.75	5,824.16	1,552.03	-2,301.62	2,776.01	1.50	-1.50	0.00
6,600.00	17.39	303.75	5,919.19	1,569.33	-2,327.51	2,807.15	1.50	-1.50	0.00
L_WSCH									
6,695.84	15.96	303.75	6,011.00	1,584.61	-2,350.38	2,834.65	1.50	-1.50	0.00
6,700.00	15.89	303.75	6,015.00	1,585.24	-2,351.32	2,835.79	1.50	-1.50	0.00
6,800.00	14.39	303.75	6,111.52	1,599.75	-2,373.04	2,861.91	1.50	-1.50	0.00
6,900.00	12.89	303.75	6,208.70	1,612.86	-2,392.66	2,885.50	1.50	-1.50	0.00
7,000.00	11.39	303.75	6,306.46	1,624.54	-2,410.15	2,906.54	1.50	-1.50	0.00
7,100.00	9.89	303.75	6,404.73	1,634.80	-2,425.50	2,925.00	1.50	-1.50	0.00
OCRK									
7,167.17	8.89	303.75	6,471.00	1,640.89	-2,434.61	2,935.96	1.50	-1.50	0.00
7,200.00	8.39	303.75	6,503.46	1,643.63	-2,438.72	2,940.89	1.50	-1.50	0.00
7,300.00	6.89	303.75	6,602.57	1,651.02	-2,449.77	2,954.19	1.50	-1.50	0.00
7,400.00	5.39	303.75	6,701.99	1,656.96	-2,458.67	2,964.89	1.50	-1.50	0.00
7,500.00	3.89	303.75	6,801.66	1,661.46	-2,465.40	2,972.99	1.50	-1.50	0.00
7,600.00	2.39	303.75	6,901.51	1,664.51	-2,469.96	2,978.47	1.50	-1.50	0.00
7,700.00	0.89	303.75	7,001.46	1,666.10	-2,472.35	2,981.34	1.50	-1.50	0.00
Start 3290.00 hold at 7759.54 MD - U_MVRD - TGAS									
7,759.54	0.00	0.00	7,061.00	1,666.36	-2,472.73	2,981.80	1.50	-1.50	0.00
7,800.00	0.00	0.00	7,101.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
7,900.00	0.00	0.00	7,201.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,000.00	0.00	0.00	7,301.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,100.00	0.00	0.00	7,401.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,200.00	0.00	0.00	7,501.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,300.00	0.00	0.00	7,601.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,400.00	0.00	0.00	7,701.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,500.00	0.00	0.00	7,801.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00

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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 422-13	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)
8,600.00	0.00	0.00	7,901.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,700.00	0.00	0.00	8,001.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,800.00	0.00	0.00	8,101.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
8,900.00	0.00	0.00	8,201.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,000.00	0.00	0.00	8,301.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,100.00	0.00	0.00	8,401.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,200.00	0.00	0.00	8,501.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,300.00	0.00	0.00	8,601.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,400.00	0.00	0.00	8,701.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,500.00	0.00	0.00	8,801.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,600.00	0.00	0.00	8,901.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,700.00	0.00	0.00	9,001.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,800.00	0.00	0.00	9,101.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
CME0									
9,875.54	0.00	0.00	9,177.00	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
9,900.00	0.00	0.00	9,201.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,000.00	0.00	0.00	9,301.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,100.00	0.00	0.00	9,401.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,200.00	0.00	0.00	9,501.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,300.00	0.00	0.00	9,601.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,400.00	0.00	0.00	9,701.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,500.00	0.00	0.00	9,801.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,600.00	0.00	0.00	9,901.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
RLNS									
10,699.54	0.00	0.00	10,001.00	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,700.00	0.00	0.00	10,001.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,800.00	0.00	0.00	10,101.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
10,900.00	0.00	0.00	10,201.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
11,000.00	0.00	0.00	10,301.46	1,666.36	-2,472.73	2,981.80	0.00	0.00	0.00
TD at 11049.54 - TD									
11,049.54	0.00	0.00	10,351.00	1,666.36	-2,472.73	2,981.80	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									
SR 422-13 - VP	0.00	0.00	7,061.00	1,666.36	-2,472.73	1,593,710.80	2,339,790.00	39.440180	-107.837911
- plan hits target center									
- Circle (radius 50.00)									
SR 422-13 - PBHL	0.00	0.00	10,351.00	1,666.36	-2,472.73	1,593,710.80	2,339,790.00	39.440180	-107.837911
- plan hits target center									
- Point									

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
1,147.31	1,100.00	9 5/8" Surface Casing	9-5/8	12-1/4

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SR 422-13 - Slot (B07) SR 422-13
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 422-13	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	
4,541.67	4,081.00	G_SAND			
5,111.00	4,581.00	FRUN			
6,695.84	6,011.00	L__WSCH			
7,167.17	6,471.00	OCRK			
7,759.54	7,061.00	U__MVRD			
7,759.54	7,061.00	TGAS			
9,875.54	9,177.00	CMEO			
10,699.54	10,001.00	RLNS			
11,049.54	10,351.00	TD		0.00	

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
120.00	120.00	0.00	0.00	Start Build 3.00
286.67	286.46	5.57	-4.67	Start DLS 3.00 TFO -19.36
1,080.29	1,041.14	139.42	-187.33	Start 4774.50 hold at 1080.29 MD
5,854.79	5,234.22	1,407.95	-2,085.96	Start Drop -1.50
7,759.54	7,061.00	1,666.36	-2,472.73	Start 3290.00 hold at 7759.54 MD
11,049.54	10,351.00	1,666.36	-2,472.73	TD at 11049.54