

Percussion Petroleum II, LLC

Winkler Co., TX (NAD-27)

UL Gillette East Pad

UL Gillette East 20-37-36 A002HR

OH

Design: OH

TRRC Certified Surveys

13 April, 2022



Project: Winkler Co., TX (NAD-27)
Site: UL Gillette East Pad
Well: UL Gillette East 20-37-36 A002HR
Wellbore: OH
Design: OH
Lat: 31.678281
Long: -103.256713
GL: 2760.00
KB: RKB @ 2785.00usft (Scan Texas)



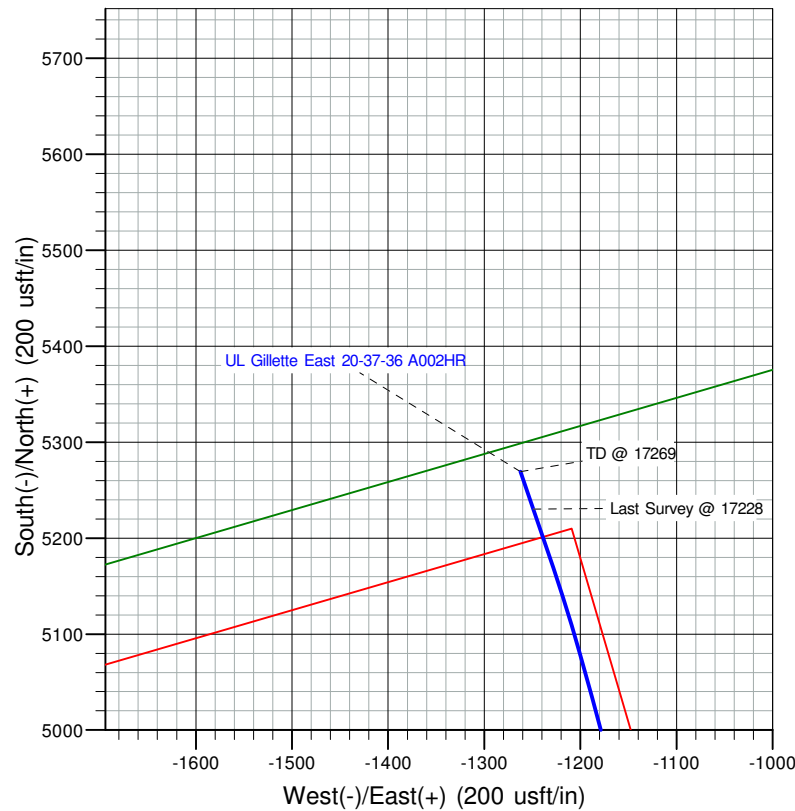
Azimuths to Grid North
True North: 1.51°
Magnetic North: 8.22°

Magnetic Field
Strength: 47119.9nT
Dip Angle: 59.43°
Date: 3/4/2022
Model: HDGM2022_FILE

WELL DETAILS: UL Gillette East 20-37-36 A002HR

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	743562.48	1090684.39	31.678281	-103.256713

Last Survey @ 17228 MD, 11840.91 TVD, 5230.6 N/S, -1248.89 E/W
TD @ 17269 MD, 11841.02 TVD, 5269.41 N/S, -1262.09 E/W

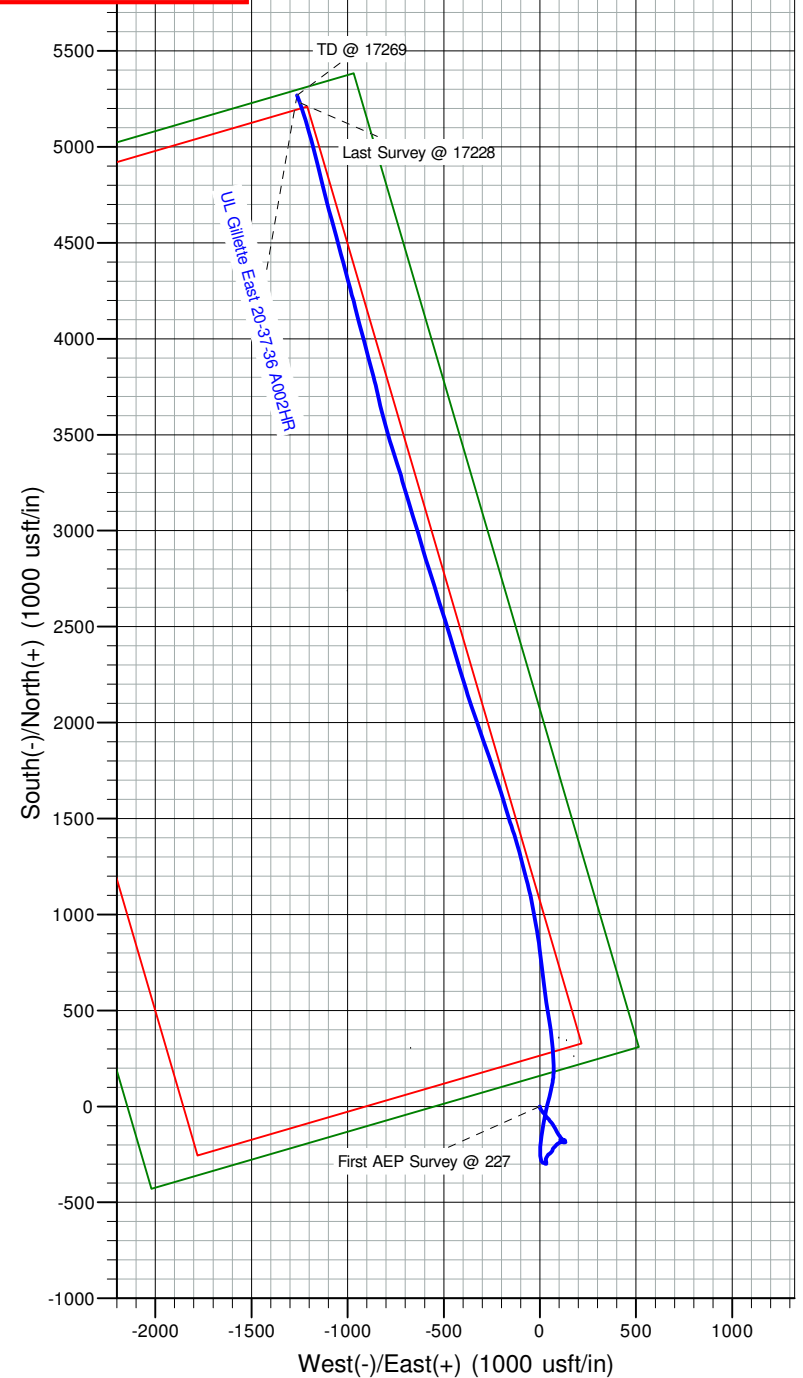


Last Survey @ 17228

TD @ 17269

UL Gillette East 20-37-36 A002HR

Vertical Section at 346.53° (3000 usft/in)



TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Gillette East 20-37-36 A002HR
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2785.00usft (Scan Texas)
Site:	UL Gillette East Pad	MD Reference:	RKB @ 2785.00usft (Scan Texas)
Well:	UL Gillette East 20-37-36 A002HR	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Project	Winkler Co., TX (NAD-27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Texas Central 4203		

Site		UL Gillette East Pad				
Site Position:		Northing:	743,548.44 usft	Latitude:	31.678239	
From:	Map	Easting:	1,090,636.39 usft	Longitude:	-103.256866	
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-1.51 °

Well	UL Gillette East 20-37-36 A002HR					
Well Position	+N/-S	0.00 usft	Northing:	743,562.48 usft	Latitude:	31.678281
	+E/-W	0.00 usft	Easting:	1,090,684.39 usft	Longitude:	-103.256713
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,760.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022_FILE	3/4/2022	6.72	59.43	47,119.90000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.00	0.00	0.00	346.53	

Survey Program	Date	4/13/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
227.00	17,269.00	MWD Surveys (OH)	MWD+HRGM	OWSG MWD + HRGM	

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
227.00	0.54	210.52	227.00	-0.92	-0.54	1.07	210.52	
First AEP Survey @ 227								
318.00	1.90	161.47	317.98	-2.72	-0.28	2.74	185.91	
409.00	4.26	158.98	408.84	-7.31	1.41	7.44	169.08	
497.00	5.87	146.84	496.49	-14.13	5.04	15.00	160.35	
678.00	6.14	143.45	676.50	-29.65	15.87	33.63	151.84	
773.00	6.15	142.68	770.96	-37.78	21.98	43.71	149.81	
867.00	6.12	142.52	864.42	-45.76	28.08	53.69	148.46	
962.00	5.73	142.12	958.91	-53.52	34.08	63.45	147.51	
1,057.00	5.67	137.32	1,053.44	-60.71	40.17	72.80	146.51	
1,152.00	5.68	139.30	1,147.97	-67.73	46.42	82.11	145.58	

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Site:	UL Gillette East Pad	MD Reference:	RKB @ 2785.00usft (Scan Texas)
Well:	UL Gillette East 20-37-36 A002HR	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
1,247.00	5.62	135.95	1,242.51	-74.64	52.72	91.38	144.77	
1,341.00	5.75	144.19	1,336.05	-81.76	58.67	100.64	144.34	
1,437.00	5.94	149.58	1,431.55	-89.95	64.00	110.39	144.57	
1,531.00	5.96	146.37	1,525.05	-98.20	69.17	120.12	144.84	
1,625.00	6.00	144.67	1,618.54	-106.28	74.71	129.91	144.89	
1,719.00	5.68	153.79	1,712.05	-114.46	79.61	139.42	145.18	
1,813.00	5.88	153.82	1,805.57	-122.95	83.79	148.79	145.73	
1,908.00	5.97	150.30	1,900.07	-131.61	88.38	158.53	146.12	
2,003.00	5.91	148.67	1,994.56	-140.08	93.37	168.35	146.31	
2,098.00	6.32	143.89	2,089.02	-148.48	99.00	178.46	146.31	
2,193.00	5.20	146.18	2,183.53	-156.28	104.47	187.99	146.24	
2,287.00	4.01	153.87	2,277.23	-162.77	108.29	195.51	146.36	
2,381.00	3.81	152.62	2,371.01	-168.50	111.18	201.87	146.58	
2,477.00	3.83	145.32	2,466.80	-173.97	114.47	208.25	146.66	
2,572.00	2.29	154.31	2,561.66	-178.29	117.10	213.30	146.70	
2,667.00	1.95	157.15	2,656.60	-181.49	118.55	216.77	146.85	
2,761.00	1.65	149.75	2,750.55	-184.13	119.85	219.70	146.94	
2,950.00	2.53	104.67	2,939.43	-187.54	125.26	225.52	146.26	
3,045.00	1.75	84.87	3,034.37	-187.94	128.73	227.80	145.59	
3,140.00	1.56	65.46	3,129.33	-187.27	131.35	228.74	144.95	
3,234.00	1.44	26.36	3,223.30	-185.68	133.04	228.42	144.38	
3,327.00	1.20	315.17	3,316.28	-183.94	132.87	226.91	144.16	
3,422.00	2.57	272.26	3,411.23	-183.15	130.04	224.62	144.62	
3,610.00	2.82	268.71	3,599.02	-183.09	121.21	219.57	146.50	
3,705.00	2.11	277.63	3,693.93	-182.91	117.14	217.20	147.36	
3,799.00	1.59	274.88	3,787.88	-182.57	114.12	215.30	147.99	
3,893.00	1.22	298.56	3,881.86	-181.98	111.94	213.65	148.40	
3,988.00	1.17	305.06	3,976.84	-180.94	110.26	211.89	148.64	
4,082.00	1.14	332.60	4,070.82	-179.56	109.04	210.08	148.73	
4,272.00	1.44	345.48	4,260.77	-175.57	107.58	205.91	148.50	
4,366.00	1.45	1.10	4,354.74	-173.24	107.30	203.78	148.23	
4,461.00	1.00	23.79	4,449.72	-171.28	107.66	202.30	147.85	
4,555.00	1.00	78.22	4,543.71	-170.36	108.79	202.13	147.44	
4,649.00	1.21	76.17	4,637.69	-169.95	110.56	202.75	146.95	
4,744.00	1.14	106.76	4,732.67	-169.99	112.44	203.81	146.52	
4,839.00	1.11	111.15	4,827.65	-170.59	114.20	205.29	146.20	
4,934.00	0.95	107.17	4,922.64	-171.16	115.81	206.66	145.92	
5,110.00	1.00	107.27	5,098.61	-172.04	118.67	209.00	145.40	
5,204.00	0.83	112.83	5,192.60	-172.55	120.09	210.22	145.16	
5,296.00	0.80	120.22	5,284.59	-173.13	121.25	211.37	144.99	
5,391.00	0.68	125.20	5,379.58	-173.79	122.29	212.50	144.87	
5,485.00	0.67	115.47	5,473.57	-174.35	123.24	213.51	144.75	
5,579.00	0.69	109.66	5,567.57	-174.78	124.27	214.45	144.59	
5,673.00	0.72	109.73	5,661.56	-175.17	125.36	215.40	144.41	

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Site:	UL Gillette East Pad	MD Reference:	RKB @ 2785.00usft (Scan Texas)
Well:	UL Gillette East 20-37-36 A002HR	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
5,862.00	0.43	75.85	5,850.55	-175.39	127.16	216.64	144.06	
5,957.00	0.20	74.31	5,945.55	-175.26	127.67	216.83	143.93	
6,051.00	0.30	112.19	6,039.55	-175.31	128.05	217.10	143.85	
6,146.00	0.21	99.50	6,134.55	-175.43	128.46	217.43	143.79	
6,241.00	0.25	88.44	6,229.55	-175.46	128.84	217.68	143.71	
6,334.00	0.27	108.74	6,322.55	-175.52	129.25	217.97	143.63	
6,428.00	0.26	90.04	6,416.55	-175.59	129.67	218.28	143.56	
6,522.00	0.20	79.97	6,510.55	-175.56	130.04	218.48	143.47	
6,616.00	0.20	105.72	6,604.54	-175.58	130.36	218.68	143.41	
6,711.00	0.07	19.94	6,699.54	-175.57	130.54	218.78	143.37	
6,805.00	0.10	107.87	6,793.54	-175.54	130.64	218.82	143.34	
6,900.00	0.17	208.52	6,888.54	-175.69	130.65	218.94	143.36	
6,994.00	0.10	196.70	6,982.54	-175.89	130.56	219.05	143.41	
7,088.00	0.14	170.09	7,076.54	-176.08	130.56	219.20	143.44	
7,183.00	0.23	196.10	7,171.54	-176.38	130.53	219.42	143.50	
7,277.00	0.53	234.31	7,265.54	-176.81	130.12	219.53	143.65	
7,372.00	1.33	255.45	7,360.53	-177.35	128.70	219.12	144.03	
7,467.00	1.38	250.36	7,455.50	-178.01	126.55	218.41	144.59	
7,561.00	1.41	247.10	7,549.47	-178.84	124.42	217.86	145.17	
7,655.00	1.63	246.38	7,643.44	-179.83	122.13	217.38	145.82	
7,749.00	1.64	239.98	7,737.40	-181.03	119.74	217.05	146.52	
7,844.00	1.62	248.74	7,832.36	-182.20	117.31	216.70	147.22	
7,938.00	1.89	250.19	7,926.32	-183.21	114.61	216.11	147.97	
8,033.00	1.97	247.08	8,021.27	-184.38	111.64	215.54	148.81	
8,127.00	1.98	249.93	8,115.21	-185.56	108.62	215.02	149.66	
8,221.00	1.99	245.83	8,209.15	-186.79	105.61	214.58	150.52	
8,315.00	2.03	246.66	8,303.10	-188.12	102.59	214.27	151.39	
8,411.00	2.15	242.50	8,399.03	-189.62	99.43	214.11	152.33	
8,507.00	2.42	237.67	8,494.96	-191.54	96.12	214.30	153.35	
8,600.00	2.71	231.94	8,587.86	-193.94	92.73	214.97	154.45	
8,695.00	3.21	224.86	8,682.74	-197.21	89.09	216.40	155.69	
8,789.00	3.15	226.57	8,776.59	-200.85	85.36	218.24	156.98	
8,885.00	3.38	224.52	8,872.44	-204.68	81.46	220.30	158.30	
8,987.00	3.50	221.81	8,974.25	-209.15	77.27	222.97	159.72	
9,081.00	3.47	223.72	9,068.08	-213.34	73.39	225.61	161.02	
9,176.00	3.38	222.19	9,162.91	-217.50	69.53	228.34	162.27	
9,272.00	3.58	194.21	9,258.74	-222.50	66.89	232.33	163.27	
9,367.00	5.27	203.14	9,353.45	-229.39	64.45	238.27	164.31	
9,462.00	6.35	223.34	9,447.97	-237.22	59.13	244.48	166.00	
9,557.00	6.08	229.81	9,542.42	-244.29	51.68	249.69	168.06	
9,651.00	5.80	223.85	9,635.91	-250.92	44.58	254.85	169.92	
9,744.00	5.86	214.34	9,728.43	-258.23	38.65	261.11	171.49	
9,839.00	6.51	203.39	9,822.88	-267.18	33.78	269.31	172.80	
9,933.00	4.76	191.18	9,916.43	-275.90	30.90	277.62	173.61	
10,024.00	3.50	161.23	10,007.20	-282.23	31.07	283.94	173.72	

TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Gillette East 20-37-36 A002HR
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Site:	UL Gillette East Pad	MD Reference:	RKB @ 2785.00usft (Scan Texas)
Well:	UL Gillette East 20-37-36 A002HR	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
10,117.00	2.95	162.21	10,100.05	-287.20	32.71	289.06	173.50	
10,212.00	2.50	182.43	10,194.95	-291.60	33.37	293.50	173.47	
10,304.00	2.25	198.17	10,286.87	-295.32	32.72	297.13	173.68	
10,399.00	1.02	152.24	10,381.83	-297.84	32.53	299.61	173.77	
10,493.00	0.30	149.56	10,475.83	-298.79	33.05	300.61	173.69	
10,587.00	1.20	278.96	10,569.82	-298.85	32.20	300.58	173.85	
10,681.00	1.04	275.37	10,663.80	-298.62	30.38	300.16	174.19	
10,774.00	1.17	317.30	10,756.79	-297.84	28.89	299.24	174.46	
10,867.00	1.57	307.84	10,849.76	-296.36	27.24	297.61	174.75	
10,958.00	2.11	292.77	10,940.71	-294.95	24.72	295.98	175.21	
11,081.00	3.00	287.21	11,063.59	-293.12	19.55	293.77	176.18	
11,175.00	3.65	293.86	11,157.43	-291.18	14.47	291.54	177.16	
11,268.00	10.34	330.02	11,249.72	-282.74	7.58	282.84	178.46	
11,362.00	24.38	353.24	11,339.30	-256.01	1.04	256.01	179.77	
11,457.00	33.95	7.02	11,422.26	-210.05	1.98	210.06	179.46	
11,552.00	40.66	8.24	11,497.78	-153.03	9.66	153.33	176.39	
11,646.00	44.42	9.26	11,567.03	-90.23	19.35	92.28	167.90	
11,741.00	50.36	12.30	11,631.32	-21.61	32.51	39.03	123.61	
11,836.00	54.65	14.65	11,689.14	51.66	50.11	71.96	44.13	
11,931.00	56.69	9.26	11,742.74	128.36	66.30	144.48	27.32	
12,025.00	71.59	358.62	11,783.72	212.38	71.59	224.12	18.63	
12,118.00	83.93	355.87	11,803.40	302.97	67.18	310.33	12.50	
12,213.00	89.12	351.69	11,809.16	397.19	56.90	401.24	8.15	
12,266.00	88.70	351.34	11,810.17	449.60	49.08	452.27	6.23	
12,360.00	87.97	351.32	11,812.90	542.48	34.92	543.61	3.68	
12,451.00	88.64	352.23	11,815.59	632.51	21.91	632.89	1.98	
12,546.00	91.95	353.58	11,815.10	726.76	10.18	726.83	0.80	
12,640.00	91.39	353.09	11,812.36	820.09	-0.73	820.09	359.95	
12,735.00	91.25	350.70	11,810.17	914.11	-14.12	914.22	359.12	
12,829.00	91.25	349.21	11,808.12	1,006.64	-30.51	1,007.10	358.26	
12,922.00	91.39	347.90	11,805.98	1,097.77	-48.96	1,098.86	357.45	
13,015.00	91.64	345.44	11,803.52	1,188.22	-70.39	1,190.30	356.61	
13,109.00	91.08	345.27	11,801.29	1,279.14	-94.15	1,282.60	355.79	
13,204.00	90.35	344.20	11,800.11	1,370.78	-119.16	1,375.95	355.03	
13,299.00	88.30	340.94	11,801.23	1,461.39	-147.61	1,468.83	354.23	
13,393.00	90.13	343.89	11,802.51	1,550.98	-176.00	1,560.93	353.53	
13,485.00	89.45	342.59	11,802.85	1,639.07	-202.53	1,651.53	352.96	
13,580.00	88.98	341.10	11,804.15	1,729.33	-232.13	1,744.84	352.35	
13,674.00	89.76	341.08	11,805.19	1,818.25	-262.59	1,837.11	351.78	
13,768.00	88.50	340.96	11,806.61	1,907.13	-293.16	1,929.53	351.26	
13,863.00	88.14	340.73	11,809.40	1,996.83	-324.31	2,022.99	350.77	
13,958.00	88.14	340.74	11,812.48	2,086.46	-355.64	2,116.55	350.33	
14,052.00	88.11	343.28	11,815.56	2,175.81	-384.66	2,209.55	349.97	
14,146.00	88.78	343.40	11,818.11	2,265.83	-411.60	2,302.91	349.70	

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Site:	UL Gillette East Pad	MD Reference:	RKB @ 2785.00usft (Scan Texas)
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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
14,240.00	89.09	343.21	11,819.86	2,355.85	-438.59	2,396.33	349.45	
14,334.00	89.37	343.16	11,821.12	2,445.83	-465.78	2,489.78	349.22	
14,426.00	88.61	342.69	11,822.74	2,533.76	-492.79	2,581.23	348.99	
14,521.00	89.12	342.51	11,824.62	2,624.39	-521.20	2,675.64	348.77	
14,615.00	89.17	342.93	11,826.03	2,714.14	-549.12	2,769.13	348.56	
14,709.00	88.81	342.27	11,827.68	2,803.82	-577.22	2,862.62	348.37	
14,803.00	89.43	343.31	11,829.13	2,893.60	-605.03	2,956.18	348.19	
14,899.00	89.57	342.96	11,829.96	2,985.47	-632.88	3,051.81	348.03	
14,993.00	90.63	343.04	11,829.80	3,075.36	-660.36	3,145.46	347.88	
15,088.00	90.91	343.69	11,828.52	3,166.37	-687.56	3,240.16	347.75	
15,183.00	90.74	343.87	11,827.15	3,257.58	-714.09	3,334.93	347.64	
15,277.00	88.50	342.24	11,827.78	3,347.49	-741.48	3,428.63	347.51	
15,372.00	87.46	342.20	11,831.13	3,437.90	-770.47	3,523.18	347.37	
15,467.00	88.81	344.65	11,834.22	3,528.89	-797.56	3,617.90	347.26	
15,562.00	89.79	345.63	11,835.38	3,620.71	-821.92	3,712.82	347.21	
15,657.00	90.91	347.88	11,834.80	3,713.17	-843.68	3,807.81	347.20	
15,750.00	88.95	345.45	11,834.91	3,803.65	-865.13	3,900.80	347.19	
15,845.00	88.67	345.11	11,836.89	3,895.51	-889.26	3,995.72	347.14	
15,939.00	89.23	345.27	11,838.61	3,986.37	-913.29	4,089.65	347.10	
16,033.00	89.20	344.87	11,839.90	4,077.19	-937.50	4,183.59	347.05	
16,127.00	90.77	345.96	11,839.92	4,168.16	-961.17	4,277.55	347.01	
16,221.00	89.37	344.10	11,839.81	4,258.96	-985.45	4,371.48	346.97	
16,315.00	90.27	345.78	11,840.10	4,349.73	-1,009.87	4,465.42	346.93	
16,410.00	89.01	344.31	11,840.70	4,441.51	-1,034.39	4,560.36	346.89	
16,504.00	89.96	345.46	11,841.54	4,532.25	-1,058.90	4,654.30	346.85	
16,598.00	89.45	344.76	11,842.03	4,623.09	-1,083.05	4,748.26	346.82	
16,693.00	90.52	345.87	11,842.05	4,714.98	-1,107.13	4,843.22	346.79	
16,787.00	90.01	345.58	11,841.62	4,806.08	-1,130.31	4,937.21	346.77	
16,881.00	89.37	346.40	11,842.13	4,897.28	-1,153.07	5,031.19	346.75	
16,975.00	90.04	345.63	11,842.61	4,988.49	-1,175.78	5,125.18	346.74	
17,069.00	90.94	344.15	11,841.81	5,079.24	-1,200.28	5,219.13	346.70	
17,163.00	90.15	341.44	11,840.91	5,169.02	-1,228.08	5,312.90	346.64	
17,228.00	89.85	341.22	11,840.91	5,230.60	-1,248.89	5,377.63	346.57	
Last Survey @ 17228								
17,269.00	89.85	341.22	11,841.02	5,269.41	-1,262.09	5,418.45	346.53	
TD @ 17269								

TRRC Certified Surveys

Company:	Percussion Petroleum II, LLC	Local Co-ordinate Reference:	Well UL Gillette East 20-37-36 A002HR
Project:	Winkler Co., TX (NAD-27)	TVD Reference:	RKB @ 2785.00usft (Scan Texas)
Site:	UL Gillette East Pad	MD Reference:	RKB @ 2785.00usft (Scan Texas)
Well:	UL Gillette East 20-37-36 A002HR	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FHartmann

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
227.00	227.00	-0.92	-0.54	First AEP Survey @ 227
17,228.00	11,840.91	5,230.60	-1,248.89	Last Survey @ 17228
17,269.00	11,841.02	5,269.41	-1,262.09	TD @ 17269

Checked By: _____ Approved By: _____ Date: _____



ALTITUDE ENERGY PARTNERS LLC. SURVEY DATA CERTIFICATION

ALTITUDE JOB NUMBER	AEP-PB-220162	OPERATOR	Percussion Petroleum II, LLC
WELL NAME	UL Gillette East 20-37-36 A002HR	COUNTY & STATE	Winkler Co. Texas
API WELL NUMBER	42-495-34703	PROPOSED DIRECTION	343.7
Latitude	31.678281	Longitude	-103.256713

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
0	0	0	0	0	0	N/A
FIRST	FIRST				SURVEY INSTRUMENT	
SURVEY	SURVEY				TYPE	
DATE	DEPTH	INCLIN	AZIMUTH		MWD	
3/19/22	227	00.54	210.52	MAGNETIC DECLINATION OR TOTAL GRID		
LAST	LAST			TOTAL CORRECTION USED		8.22
SURVEY	SURVEY			DECLINATION OR GRID		Grid
DATE	DEPTH	INCLIN	AZIMUTH			
4/3/22	17228	89.85	341.22			
PROJECTED	PROJECTED					
TD SURVEY	TD SURVEY					
DATE	DEPTH	INCLIN	AZIMUTH			
4/3/22	17269	89.85	341.22			

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Altitude Energy Partners LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using Minimum curvature or other method.

Brantley Anderson

PRINT MWD NAME ABOVE

Brantley Anderson

SIGN MWD NAME ABOVE

4/3/2022

TODAY'S DATE