

PENNZOIL COMPANY
SIMMONS ESTATE WELL NO.1
WT-HH135

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08/01/23

MEASURED INCL. HOLE DIRECTION DEGS. COURSE LENGTH FEET VERTICAL DEPTH FEET TRUE N/S FEET E/W DISTANCE DIRECTION SEVERITY DUG-LLG
FEET DEGS. DEGS. FEET

9559.00	2.30	N 41.00 E	94.00	9555.10	212.02 N	43.02 E	216.34' N 11.47 E	.49
9654.00	2.70	N 71.00 E	95.00	9650.01	214.31 N	46.41 E	219.28' N 12.22 E	1.42
9748.00	5.40	S 77.00 E	94.00	9743.76	214.65 N	52.96 E	221.09' N 13.86 E	3.64
9843.00	5.90	S 40.00 E	95.00	9838.30	210.38 N	61.16 E	219.09' N 16.21 E	3.02
9937.00	5.30	S 20.00 E	94.00	9931.85	202.85 N	66.24 E	213.39' N 18.09 E	2.94
10032.00	7.00	S 02.00 W	95.00	10026.30	192.86 N	67.83 E	204.44' N 19.38 E	3.03
10126.00	8.90	S 00.00 W	94.00	10119.40	179.91 N	66.69 E	191.88' N 20.34 E	2.20
10221.00	9.00	S 07.00 W	95.00	10213.24	165.26 N	84.76 E	177.50' N 21.40 E	.19
10315.00	9.20	S 07.00 W	94.00	10306.06	150.50 N	62.95 E	163.14' N 22.70 E	.21
10410.00	9.20	S 05.00 W	95.00	10399.83	135.40 N	61.36 E	148.66' N 24.38 E	.34
10504.00	9.40	S 04.00 W	94.00	10492.60	120.26 N	60.17 E	134.47' N 26.50 E	.27
10599.00	10.30	S 03.00 W	95.00	10586.20	104.04 N	59.18 E	119.69' N 29.63 E	.96
10693.00	10.00	S 03.00 W	94.00	10678.73	87.49 N	58.31 E	105.15' N 33.68 E	.32
10788.00	10.00	S 07.00 W	95.00	10772.28	71.06 N	56.80 E	91.02' N 38.67 E	.73
10882.00	8.80	S 06.00 W	94.00	10865.02	55.81 N	55.14 E	78.45' N 44.65 E	1.29
10977.00	8.00	S 11.00 W	95.00	10959.00	42.09 N	53.07 E	67.75' N 51.59 E	1.14
11071.00	6.90	S 18.00 W	94.00	11052.20	30.30 N	50.04 E	58.49' N 58.81 E	1.52
11166.00	5.90	S 21.00 W	95.00	11146.61	20.31 N	46.50 E	50.75' N 66.40 E	1.11
11260.00	5.20	S 39.00 W	94.00	11240.17	12.47 N	41.98 E	43.79' N 73.45 E	1.99
11355.00	5.10	S 36.00 W	95.00	11334.79	5.71 N	36.79 E	37.23' N 81.18 E	.30
11449.00	4.90	S 34.00 W	94.00	11428.43	1.00 S	32.09 E	32.10' S 88.21 E	.28
11544.00	4.60	S 43.00 W	95.00	11523.10	7.15 S	27.19 E	28.12' S 75.27 E	.84
11638.00	3.10	S 57.00 W	94.00	11616.89	11.20 S	22.37 E	25.02' S 63.41 E	1.87

STATION AT 11685' MD IS A PROJECTION USING PREVIOUS STATION DATA

CLOSURE DISTANCE = 23.83 FEET.
CLOSURE DIRECTION = S 58.13 E