

Thumper 1-36H

KB = 6,070'

KOP = 8,513'

TARGET = 8,990' TVD

MD	Incl.	Azi.	TVD	Based on True North		DLS	Vertical Section	UTM N	UTME
				North	East				
0.00	0.00	161.50	0.00	0.00	0.00	0.00	0.00	-605.00	605.00
8,500.00	0.00	161.50	8,500.00	0.00	0.00	0.00	0.00	-605.00	605.00
8,512.50	0.00	161.50	8,512.50	0.00	0.00	0.00	0.00	-605.00	605.00 KOP
8,562.50	6.00	161.50	8,562.36	-2.48	0.83	12.00	2.62	-607.48	605.83
8,612.50	12.00	161.50	8,611.68	-9.89	3.31	12.00	10.43	-614.89	608.31
8,662.50	18.00	161.50	8,659.91	-22.15	7.41	12.00	23.36	-627.15	612.41
8,712.50	24.00	161.50	8,706.53	-39.12	13.09	12.00	41.25	-644.12	618.09
8,762.50	30.00	161.50	8,751.02	-60.62	20.28	12.00	63.92	-665.62	625.28
8,812.50	36.00	161.50	8,792.90	-86.41	28.91	12.00	91.12	-691.41	633.91
8,862.50	42.00	161.50	8,831.70	-116.21	38.88	12.00	122.54	-721.21	643.88
8,912.50	48.00	161.50	8,867.01	-149.69	50.08	12.00	157.85	-754.69	655.08
8,962.50	54.00	161.50	8,898.43	-186.49	62.39	12.00	196.65	-791.49	667.39
9,012.50	60.00	161.50	8,925.62	-226.20	75.68	12.00	238.52	-831.20	680.68
9,062.50	66.00	161.50	8,948.29	-268.39	89.80	12.00	283.01	-873.39	694.80
9,112.50	72.00	161.50	8,966.18	-312.60	104.59	12.00	329.63	-917.60	709.59
9,162.50	78.00	161.50	8,979.10	-358.34	119.89	12.00	377.86	-963.34	724.89
9,212.50	84.00	161.50	8,986.91	-405.11	135.54	12.00	427.18	-1,010.11	740.54
9,262.00	90.00	161.50	8,989.50	-451.92	151.20	12.12	476.54	-1,056.92	756.20 7" Csg Shoe
9,262.00	90.00	161.50	8,989.50	-451.92	151.20	12.12	476.54	-1,056.92	756.20 7" Csg Shoe
9,362.00	90.00	161.50	8,989.50	-546.75	182.93	0.00	576.54	-1,151.75	787.93
9,462.00	90.00	161.50	8,989.50	-641.58	214.66	0.00	676.54	-1,246.58	819.66
9,562.00	90.00	161.50	8,989.50	-736.41	246.39	0.00	776.54	-1,341.41	851.39
9,662.00	90.00	161.50	8,989.50	-831.24	278.12	0.00	876.53	-1,436.24	883.12
9,762.00	90.00	161.50	8,989.50	-926.07	309.85	0.00	976.53	-1,531.07	914.85
9,862.00	90.00	161.50	8,989.50	-1,020.90	341.58	0.00	1,076.53	-1,625.90	946.58
9,962.00	90.00	161.50	8,989.50	-1,115.73	373.31	0.00	1,176.53	-1,720.73	978.31
10,062.00	90.00	161.50	8,989.50	-1,210.56	405.04	0.00	1,276.52	-1,815.56	1,010.04
10,162.00	90.00	161.50	8,989.50	-1,305.39	436.77	0.00	1,376.52	-1,910.39	1,041.77
10,262.00	90.00	161.50	8,989.50	-1,400.22	468.50	0.00	1,476.52	-2,005.22	1,073.50
10,362.00	90.00	161.50	8,989.50	-1,495.05	500.23	0.00	1,576.52	-2,100.05	1,105.23
10,462.00	90.00	161.50	8,989.50	-1,589.88	531.96	0.00	1,676.51	-2,194.88	1,136.96
10,562.00	90.00	161.50	8,989.50	-1,684.71	563.69	0.00	1,776.51	-2,289.71	1,168.69
10,662.00	90.00	161.50	8,989.50	-1,779.54	595.42	0.00	1,876.51	-2,384.54	1,200.42
10,762.00	90.00	161.50	8,989.50	-1,874.37	627.15	0.00	1,976.51	-2,479.37	1,232.15
10,862.00	90.00	161.50	8,989.50	-1,969.20	658.88	0.00	2,076.50	-2,574.20	1,263.88
10,962.00	90.00	161.50	8,989.50	-2,064.03	690.61	0.00	2,176.50	-2,669.03	1,295.61
11,062.00	90.00	161.50	8,989.50	-2,158.86	722.34	0.00	2,276.50	-2,763.86	1,327.34
11,162.00	90.00	161.50	8,989.50	-2,253.69	754.07	0.00	2,376.50	-2,858.69	1,359.07
11,262.00	90.00	161.50	8,989.50	-2,348.52	785.80	0.00	2,476.50	-2,953.52	1,390.80
11,362.00	90.00	161.50	8,989.50	-2,443.35	817.53	0.00	2,576.49	-3,048.35	1,422.53
11,462.00	90.00	161.50	8,989.50	-2,538.18	849.26	0.00	2,676.49	-3,143.18	1,454.26
11,562.00	90.00	161.50	8,989.50	-2,633.01	880.99	0.00	2,776.49	-3,238.01	1,485.99
11,662.00	90.00	161.50	8,989.50	-2,727.84	912.72	0.00	2,876.49	-3,332.84	1,517.72
11,762.00	90.00	161.50	8,989.50	-2,822.67	944.45	0.00	2,976.48	-3,427.67	1,549.45
11,862.00	90.00	161.50	8,989.50	-2,917.50	976.18	0.00	3,076.48	-3,522.50	1,581.18
11,962.00	90.00	161.50	8,989.50	-3,012.33	1,007.91	0.00	3,176.48	-3,617.33	1,612.91
12,062.00	90.00	161.50	8,989.50	-3,107.16	1,039.64	0.00	3,276.48	-3,712.16	1,644.64
12,162.00	90.00	161.50	8,989.50	-3,201.99	1,071.37	0.00	3,376.47	-3,806.99	1,676.37
12,262.00	90.00	161.50	8,989.50	-3,296.82	1,103.10	0.00	3,476.47	-3,901.82	1,708.10
12,362.00	90.00	161.50	8,989.50	-3,391.65	1,134.83	0.00	3,576.47	-3,996.65	1,739.83
12,462.00	90.00	161.50	8,989.50	-3,486.48	1,166.56	0.00	3,676.47	-4,091.48	1,771.56
12,562.00	90.00	161.50	8,989.50	-3,581.31	1,198.29	0.00	3,776.46	-4,186.31	1,803.29
12,662.00	90.00	161.50	8,989.50	-3,676.14	1,230.02	0.00	3,876.46	-4,281.14	1,835.02
12,762.00	90.00	161.50	8,989.50	-3,770.97	1,261.75	0.00	3,976.46	-4,375.97	1,866.75
12,862.00	90.00	161.50	8,989.50	-3,865.80	1,293.48	0.00	4,076.46	-4,470.80	1,898.48
12,962.00	90.00	161.50	8,989.50	-3,960.63	1,325.21	0.00	4,176.45	-4,565.63	1,930.21
13,057.05	90.00	161.50	8,989.50	-4,050.77	1,355.37	0.00	4,271.51	-4,655.77	1,960.37 End Lateral