EASTMAN SURVEYS:

300 - 1/4 deg. 550 - 3/4 750 - 1-1/4 1000 - 3/4 1250 - 1/2 1900 - 1/2 2220 - 3/4 2758 - 1-3/4 2925 - 1-1/2 3140 - 1-1/4 3390 - 1-1/4 3600 - 1-1/4 3850 - 1-1/2 4060 - 1-1/2	5375 - 1/4 deg. 5574 - 1/4 5820 - 1/2 5974 - 1/2 6160 - 3/4 6346 - 3/4 6500 - 1-1/4 6716 - 3/4 6911 - 1 7065 - 3/4 7198 - 1-1/4 7350 - 1 7450 - 1 7568 - 3/4	8341 - 1 deg. 8440 - 1 8525 - 1-1/4 8595 - 1-1/4 8680 - 1-1/4 8740 - 1-1/4 8830 - 1-3/4 8892 - 1-1/2 9075 - 1-1/2 9137 - 1 9180 - 1-1/4 9248 - 1-1/2 9310 - 1-1/4	10210 - 3/4 deg. 10270 - 3/4 10457 - 3/4 10517 - 3/4 10580 - 1/2 10610 - 3/4 10700 - 3/4 10900 - 1-1/2 11005 - 1-1/4 11127 - 1-3/4 11189 - 1-1/2 11279 - 2-1/4 11330 - 2 11395 - 2-1/4
3600 - 1-1/4 38 50 - 1-1/ 2	7350 - 1 7450 - 1	9180 - 1-1/4 9248 - 1-1/2	11279 - 2-1/4 11330 - 2
5160 - 1/2	8280 - 1	10020 - 3/4	

DRILL STEM TESTS:

- DST #1- From 9385 to 9550, 5 hr. and 21 minute test, 4-1/2" drill pipe, 5/8" bottom and 1" top chokes, used 434' water blanket. Opened tool with good blow of air. Gas to surface in 12 minutes, water blanket in 1 hr. and 39 minutes, oil in 1 hr. and 51 minutes. Turned to tanks and flowed 103.94 bbls. oil, 1.74 bbls. mud and .12 bbls. water in 3-1/2 hrs. DP pressure 120#. Gas volume 401,000 cu. ft. per day. GOR 563. Gravity 41.1 corrected. Closed tool and reversed out 51.33 bbls. oil cut 1% mud. Drill pipe unloaded 404' oil cut 3% mud from below TC Valve. Recovered 30' oil cut 30% mud and .3% fresh water.
- DST #2- From 9560 to 9660, 2-1/2 hr. test, 4-1/2" drill pipe, 5/8" bettom and 1" top chokes, used 465' water blanket. Opened tool with strong blow of air. Gas to surface in 9 minutes, water blanket in 13 minutes, oil in 15 minutes. Turned to tanks and flowed 207.48 bbls. oil, 8.65 bbls. BS and 2.67 bbls. sulphur water in 2-1/4 hrs. DP pressure 400#. Gas volume 1,183,000 cu. ft. per day. GOR 534. Closed tool and reversed out 78.66 bbls. oil cut 1.8% BS and .4% sulphur water. Drill pipe unloaded 420' oil cut .3% BS from below TC Valve. Recovered 30' oil cut .3% BS and .2% water, and 15° black salty sulphur water.
- DST #3- From 9660 to 9710, 5 hr. and 22 minute test, 4-1/2" drill pipe, 5/8" bottom and 1" top chokes, used 651' water blanket. Opened tool with strong blow of air. Gas to surface in 9 minutes, water blanket in 2 hrs. and 19 minutes, oil in 2 hrs. and 32 minutes. Turned to tanks and Blowed 25.80 bbls. oil, 1.10 bbls. BS and 1.59 bbls. sulphur water in 2 hrs. and 50 minutes. DP pressure decreased from 100 to 0#. Gas volume decreased from 703,000 to too weak to measure. Gravity 41.4 corrected. Closed tool and reversed out 24.76 bbls. oil cut 11% BS, 54.6% sulphur water. Drill pipe unloaded 186' oil cut .3% BS from below TC Valve. Recovered 124' oil cut .6% BS and .6% sulphur water, and 62' black salty sulphur water.
- DST #4- From 10,870 to 11,044, 3 hr. test, 4-1/2" drill pipe, 5/8" bottom and 1" top chokes, used 1860' water blanket. Opened tool with good blow of air. Water blanket to surface in 42 minutes, oil in 54 minutes. Turned to tanks and flowed 164.19 bbls. oil, 1.5% mud, no water in 2 hrs. and 6 minutes. DP pressure 280#. Gas volume 2,019,000 cu. ft. per day. GOR 1025. Gravity 43.2 corrected. Closed tool and reversed out 55.42 bbls. of oil cut 1.2% mud. Drill pipe unloaded 279' oil cut 2% mud from below TC Valve. Recovered 93' oil cut 5% mud. No show of water.
- DST #5- From 11,780 to 11,871, 1 hr. test, 4-1/2" drill pipe, 5/8" bottom and 1" top chokes, used 2809' water blanket. Opened tool with weak blow of air which died in 7 minutes. Closed tool and re-opened with weak blow of air which died in 2 minutes. Closed tool and recovered 2809' water blanket and 15' mud. No show of oil, gas or water.

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Wiscon!