

DRILL STEM TEST - SOMBRERO UNIT WELL NO. 1

DRILL STEM TEST NO. 1 - 4948-5138'

1" THC, 1" BHC. Tool open 2 hours with light blow of air throughout test. Pulled 4-1/2"OD drill pipe and recovered 300' fresh drilling water. No shows. H.P. in and out 2375#. IFP & FFP 210#, 20 minute buildup 685#.

DRILL STEM TEST NO. 2 - 10,327-10,437'

No test. Packers failed.

DRILL STEM TEST NO. 3- 10,350-10,437'

5/8" BHC, 1" THC. Tool open 1 hours and 30 minutes, with very weak blow of air for 20 minutes and died. Pulled 3-1/2"OD drill pipe and recovered 35' drilling mud. No shows of oil, gas, or water. H.P. in 4890#, out 4910#, IFP & FFP 0#. Twenty minute buildup 0#.

DRILL STEM TEST NO. 4- 12,619-12,665'

No test. Packers failed.

DRILL STEM TEST NO. 5 - 12,631-12,665'

5/8" THC, 5/8" BHC, 1500' Water Blanket. Tool open 3 hours with good blow of air that gradually weakened to very light blow at end of test. Pulled 3-1/2"OD drill pipe and recovered 1500' W/B, 50' Drlg. mud, and 5010' salt water. No show of oil or gas. H.P. in 6770#, out 6510#, IFP 850#, FFP 2840#, 30 minute buildup 5770#.

DRILL STEM TEST NO. 6 - 13,168-13,184'

(Packers set 13,160-13,168') 1" BHC, 1" & 5/8" THC, 2500' Water Blanket. Tool open 7 hours and 10 minutes. Gas to surface in 14 minutes, W/B and mud in 23 minutes. After flowing 7 hrs. gas tested 3964 MCFFD. Distillate to tanks in 45 minutes, flowing a totla of 87.32 bbls. in 6 hrs. & 25 minutes. Pulled 3 1/2"OD drill pipe and recovered 3 1/2 bbls. distillate in bottom string, H.P. in 8100#, out 7950#, IFP 1570#, FFP 1535#, 23 minute buildup 6810#.

1. The first part of the document is a list of the names of the persons who have been named in the document.

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