

DRILL STEM TESTS

WEST TATUM UNIT WELL NO. 1

DRILL STEM TEST NO. 1 - 9070-9105'

5/8" BHC, 5/8" THC, tool open 3 hours with weak blow of air for 2 minutes and died. Closed and reopened tool three times and had two or three bubbles of air each time and died. Pulled 3 1/2" OD drill pipe and recovered 20' of very slightly gas-cut drilling mud, no show of oil or water. H.P. in 4720#, out 4655#, IFP 35#, FFP 35#, 15 minute buildup 35#.

DRILL STEM TEST NO. 2 - 10,410-10,560'

No test. Packer Failed.

DRILL STEM TEST NO. 3 - 10,398-10,560'

5/8" BHC, 1" THC, tool open 3 hours with good blow of air that gradually declined to a weak blow at end of test. Pulled 3 1/2" OD drill pipe and recovered 630' of slightly gas-cut drilling mud and 7787' of salt water. H.P. in 5660#, out 5635#, IFP 450#, FFP 4065#, 15 minute buildup 4065#.

DRILL STEM TEST NO. 4 - 11,039-11,095'

5/8" BHC, 5/8" THC, tool open 3 hours. Tool opened with very light blow of air and died, reopened tool again in 15 minutes with very light blow of air and died. Pulled 3 1/2" OD drill pipe and recovered 10' of drilling mud. No show of oil, gas, or water. HP in 5635#, out 5605#, IFP 65#, FFP 65#, 15 minute buildup 65#.

DRILL STEM TEST NO. 5 - 12,686-12,752'

5/8" BHC, 1" THC, 2000' water blanket. Tool open 3 hours with few bubbles of air for 20 minutes and died. Pulled 3 1/2" OD drill pipe and recovered 2000' water blanket and 15' of slightly gas-cut mud. H.P. in 5475#, out 6280#, IFP 890#, FFP 890#, 15 minute buildup 890#.

DRILL STEM TEST NO. 6 - 13,031'-13,130'

Attempted drill stem test with dual packers set at 13,023' and 13,031' and packers failed.

DRILL STEM TEST NO. 7 - 12,986-13,130'

5/8" BHC, 1" THC, 2500' water blanket. Tool open 1 hour and thirty minutes, with very light blow of air for 35 minutes and died. After 1 hour and twenty five minutes, closed and reopened tool with light blow of air for 5 minutes and died. Pulled 3 1/2" OD drill pipe and recovered 2500' water blanket, and 180' of very slightly gas-cut drilling mud. H.P. in 6550#, out 6490#, IFP 1540#, FFP 1450#, 20 minute buildup 1900#.

