

Childress "A" Well No. 1

JUL 21 11 50 AM '87

DRILL STEM TEST NO. 1 - 8844-8912'

5/8" BHC, 1" TBC. Tool open 20 minutes on initial test. Opened with fair blow air, increasing to good blow in 20 minutes. Closed tool one hour for buildup. Re-opened tool with fair blow air, gas to surface in one hour and 35 minutes. Tool open a total of 3 hours and 20 minutes. Closed tool one hour for final buildup. Pulled drill pipe and tool, recovered 1500' water blanket, 1200' clean oil, 30' of gas cut drilling mud. Twenty-minute IFF 716#, FFP 739#, one hour ISIP 4283#, three-hour IFF 763#, three-hour FFP 1049#, one-hour FSIP 4283# Hydrostatic pressure in and out 4248#.

DRILL STEM TEST NO. 2 - 9755-9775' (Bough "A")

5/8" BHC, 1" TBC, 1500' water blanket. Tool open 20 minutes on initial flow, opened with good blow air and continued as good blow. Closed tool 1 hour for buildup. Re-opened tool, had good blow air that decreased and died in 1-1/2 hours. Pulled tool, recovered 1500' water blanket, 150' drilling mud and 4650' salt water. No show of oil or gas. Hydrostatic pressure in and out 5428#, 20-minute IFF 1385#, 20-minute FFP 2338# one hour ISIP 2790#, one hour FSIP 2835#, 2 hour IFF 2475#, 2 hour FFP 2790#. Bottom hole temperature 158 degrees.

DRILL STEM TEST NO. 3 - 9776-9830' (Bough "B")

5/8" BHC, 1" TBC, 1500' water blanket. Tool open 20 minutes initial flow, opened with and continued as good blow. Closed tool one hour. Re-opened tool with good blow air, gas to surface in one hour and 45 minutes, declined to slight blow at end of test, left tool open a total of 3 hours and 20 minutes. Pulled tool, recovered 1500' water blanket, 180' drilling mud, 5481' of slightly gas cut salt water, no oil. 20 minute IFF 1567#, 20 minute FFP 2364#, one hour ISIP 3181#, one hour FSIP 3204# 3 hour IFF 2457#, 3 hour FFP 3204#, Hydrostatic pressure in and out 5372#.

DRILL STEM TEST NO. 4 - 9846-9923' - (Bough "C")

5/8" BHC, 1" TBC, 1500' water blanket. Tool open 20 minutes with good blow air. Closed 1 hour for buildup. Re-opened tool with good blow air, gas to surface in 25 minutes with good blow declining to weak blow at end test. Left tool open a total of 3 hours and 20 minutes. Pulled tool, recovered 1500' water blanket, 216' OIL, 2304' oil and 2160' salt water. 20-minute IFF 1362#, 20-minute FFP 2135#, one-hour ISIP 2948#, one-hour FSIP 2970#, 3 hour IFF 2112#, 3 hour FFP 2960#, API gravity of oil 42.2 degrees at 60 degrees.

DRILL STEM TEST NO. 5 - 9967-10030' (Cisco)

5/8" BHC, 1" TBC, 1500' water blanket. Tool open 20 minutes on initial flow, opened with weak blow air for 20 minutes. Closed tool 1 hour for buildup. Re-opened tool with very weak blow air that died in 25 minutes. Left tool open a total of 3 hours and 20 minutes. Pulled test tool, recovered 1500' water blanket, 124' drilling mud, with no show of oil or gas. 20 minute IFF 690#, 20 minute FFP 690#, one hour ISIP 1697#, one hour FSIP 1038#, three hour IFF 715#, three hour FSIP 715#, Hydrostatic pressure in and out 5431#.

