

STATE BTD #1

10-6-49

DST #1, 1 hour & 8 minute test from 8901' to 9000', 3½" Drill Pipe with two (2) HOWCO Packers set at 8893' & 8901'. Perforations 8902' to 8903' and 8967' to 8997' with 5/8" bottom & 1" top chokes. Opened tool at 9:28PM with light blow of air for 8 minutes and died. Closed tool at 10:36PM for 1/4 hour build-up pressure. Pulled out of hole and recovered 370' of Drilling mud. No shows of oil, gas or water. No HOWCO Pressures Amerada's Hydro In 4730#, Initial flow pressure 200#, Final 200#. No build-up pressures. Clock had stopped.

10-9-49

DST #2, 5 hour test from 9001' to 9050', 3½" Drill Pipe with two (2) Howco 7" OD Packers set at 8993' & 9001'. 5/8" bottom & 1" top chokes. Perforations 9002' to 9003' & 9034' to 9047'. Tool opened at 11:58PM, gas to surface in 2 minutes, fluid to surface in 7 mins, turned to tanks at 12:05AM. In four hours well flowed 102.12 bbls. of 54.8 Gty. Distillate, avg. 5/10% of 1% Mud. At 4:05AM started to close plug on Halliburton testing head and core blew out. Took Wench Truck and tied on to Drilling Line and raised Drill Pipe to close tool. Tool closed at 8:35AM. Gas through out test at rate of 7,500,000 cu ft. per day. Pulled out of hole and recovered 60' of clean oil. Howco Hydro In 4900#, Out 4800#, initial flow pressure 2100#, final flow pressure 2400#. 50 minute build-up 3300#. Amerada's Hydro In 4710#, out - no reading, initial flow pressure 1920# No build-up pressure recorded.

10-13-49

DST #3, 4 hour test from 9357' to 9407', 3½" Drill Pipe with two (2) Howco 7" OD Packers set at 9349' to 9357'. Perforations from 9391' to 9404' with 5/8" bottom & 1" top chokes. Opened tool at 12:58AM with good blow of air gas to surface in 11 minutes. No fluid to surface. Gas volume 9,600 cu. ft. per day. Closed tool at 4:58AM for 1/4 hour build-up. Pulled out of hole and recovered 270' of gas cut drilling mud, 540' of 50% oil cut mud. Howco Hydro in 5075#, Out 5000#, Initial flow & final 200#, 1/4 hour build-up pressure 500#. Amerada's Hydro in 5290#, Out 5270, Initial Flow Press. 110#, Final 120#. Failed to get 1/4 hour build-up.

11-24-49

DST #4, 4 hour test from 10805' to 10943', 3½" Drill Pipe with two (2) Howco 7" OD Packers set at 10797' & 10805'. Perforations from 10807' to 10812' & 10932' to 10940' with 5/8" bottom & 1" top chokes. Tool opened at 12:20AM with strong blow of air, water to surface in 47 minutes (1880' of water blanket used) Mud to surface in 1 hr. & 10 mins., oil to surface in 1 hour 25 minutes. Turned to tanks at 1:45AM and in 4 hours well flowed 108.82 bbls of oil, gty. 46.2, avg. 5/10 of 1% mud. Gas volume 17,712 cu ft per day, GOR 28. Closed tool at 5:45AM for 1/4 hour build up. Pulled out of hole and recovered 10805' of oil, no water. Howco Hydro in 5600#, out 5400#, Initial Flow Press. 2000#, Final 3800#. 1/4 hour build-up pressure 4200#. Amerada's Hydro in 5525#, out 5290#, Initial flow pressure 1595#, final 3655#, 1/4 hour build-up pressure 4135#.

