STATE BTC #1

8-26-49 DST #1. From 8846' to 8915', 4 hour test w/ 2 9" OD, Packers on 4½" Fullhole Drill Pipe. Packers set at 8838' & 8846', Perf. 8880' to 8910' & 8838' to 8846' w/ 5/8" bottom & 1" top chokes. Tool open at 10:27PM with good blow of air, gas to surface in 7 minutes but no fluid. Tool closed at 2:27AM for 1/4 hour build up. Gas Volume 272,800 cu ft. per day. Pulled out of hole and recovered 30' Distillate & 780' of mud gas & Dist. cut. Howco Hydro in 5300#, Out 5050#, Flow Pressure 400# to 500#, 1/4 hour build-up pressure 3100#. Amerada's Hydro In 4120#, Out 4940# Flow Pressure 110# to 185#. 1/4 hour build-up pressure 3000#

8-27-49 DST #2. From 8915' to 8975', 4 hour test w/ 2 9" OD Packers on 4½" Fullhole Drill Pipe. Packers set at 8907' & 8915', 1/2" bottom & 1" top chokes Perforations 8940' to 8970'. Tool opened at 3:30PM, gas to surface in 10 mins. No fluid to surface. Gas Volume 360,800 cu ft. per day. Tool closed at 7:30PM for 1/4 hour build up. Pulled out of hole and recovered 720' Drlg. mud cut with gas and distillate. Est. 5% Distillate. Howco Hydro In 5300#, Out 5050# Inital Flow Press. 300#, Final 300#. 1/4 hour build-up press. 2950#. Amerada's Hydro In 5685# out 5600# Inital Flow Press. 255#, Final Flow Press. 295#. 1/4 hour build up 2945#

8-28-49 DST #3. From 8975' to 9025', 4 hour test w/ 2 9" OD Packers on 4½" Fullhole Drill Pipe. Set Packers at 8967' & 8975'. Perf. 9007' to 9021' w/ 5/8" bottom & 1" top chokes. Tool opened at 1:40AM w/ good blow of air, gas to surface in 5 mins. Gas volume at rate of 1,064,000 cut ft. per day. D.P. Press. 125#, no fluid to surface. Closed tool at 5:40AM for 1/4 hour build-up pressure. Pulled out of hole and recovere d 600' of Hvy. Distillate cut Drlg. mud, 50% cut, 510' of Distillate Gty. 63°, very light Amber color. Howco Hydro In 5125#, Out 5000#, Inital Flow Press 450#, Final 500#, 1/4 hour build-up 2425#. Amerada's Hydro In 5155#, Out 5125# Inital Flow Press. 435#, Final 550#, 1/4 hour build-up 2590#

8-29-49 DST #4. From 9025' to 9055', 4 hour test w/ 2 9" OD Packers on 4½" Fullhole Drill Pipe. Set Packers at 9017' & 9025'. Perf. 9028' to 9052', 5/8" bottom & 1" top chokes, open tool at 5:45AM with weak blow of air for 5 mins. and died. Reopened tool at 6:07AM with weak blow of air for 5 mins. and died. Reopened tool at 6:30AM with we k blow of air for 5 mins. and died. Let set until 7:30AM, closed and took 1/4 hour build-up. Pulled out of hole and recovered 1800' od Drlg. Mud, no oil, gas, or water. Howco Hydro In 5300#, Out 5150#, Min. & Max. Flow Press. 1100#, No Build-up. Amerada's Hydro In 5180#, out 5130#, Min. Flow Press. 1105#, Final 1105# No Build-up.

8-30-49 DST #5. From 9055' to 9105', 4 hour test w/ 2 9" OD Packers on 4½" Fullhole Drill Pipe. Set Packers at 9047' & 9055', Perforations 9082' to 9102' w/ 5/8" bottom & 1" top chokes. Opened tool at 1:45PM with fair blow of air that lasted throughout test. Closed tool at 5:45PM for 1/4 hour build-up. Recovered 1983' salt water, 180' Drlg. Mud cut 25% salt water. No oil or gas. Pulled out of hole and recovered above. Howco Hydro In 5150#, Out 5100#, Min. Flow Press. 100#, Max. 500#, 1/4 hour build up 575# Amerada's chart failed to record.

9-3-49 DST #6. From 9315' to 9365', 7½ hour test w/ 2 9" OD Packers on 4½" Fullhole Drill Pipe. Packers at 9307' & 9315', Perf. from 9340' to 9360' with 5/8" bottom & 1" top choke. Tool opened at 7:30AM, gas to surface in 5 mins. fluid to surface in 3½ hours. Made 9.66 bbls. of Distillate the 1st hour, 1.38 bbls the 2nd hour, 2.76 bbls. the third hour, and 4.14 bbls th 4th hour. Closed tool at 3PM for 1/4 hour build up. Gas volume at rate of 1,864,000 cu ft. per day. Gty. of Distillate 57.5 corr. Distillate very light amber in color, Almost white. Howco Hydro In 5250#, Out 5100# Min. Flow Press. 750#, 1/4 hour build-up 2850#
Amerada's Hydro In 5320#, No Hydro out (Clock ran down) Min flow 286#, Max flow 570#. No build up record.
Recovered 510' of Distillate in Drill Pipe, 20' of mud cut with Distillate.