REPORT ON DRILL STEM TESTS

STATE BTA WELL #1

6-22-49 DST. #14 From 11464' to 11506', W/2-7/8" Drill pipe, 1 hr. test, 2-4½" Packers set at 11460' & 11464' with 5/8" Bottom & 1" Top chokePerforations 11465' to 11497', Tool opened at 7:15 A.M. with small blow air throughout test, that gradually decreqased at end. closed tool at 8:15 A.M. for ¼ Hr. BUP. Recovered 4110' Dry pipe, 3256' drlg. mud on top of water blanket, 3510' Water blanket, 630' salt water, sulphur odor, not to strong, will color coin. Howco Hydro. in 5100# out 5000#, Min. Flow ressure 3000#, Max. Flow pressure 3400#, ¼ hr. BUP. 4000# Amerada Hydro. in 5280# out 5240#, Min. Flow pressure 2500#, Max. Flow pressure 3280#, ¼ hr. BUP. 4445#.

7-9-49 DST. #15, From 11652' to 11766', with packers set at 11652' & 11644', on 3½" Drill pipe and safety joint, 5/8" Bottom & 1" Top Choke, Perforations 11653' to 58' & From 11757' to 62'. Tool opened at 7:45 A.M. With good blow of air for ¼ hr. and died,closed tool at 9:30 A.M. Reopened tool at 9:45 A.M. and closed tool at 10:45 A.M. for ¼ hr. BUP No fluid lost from csg. during test. Recovered 2700' Water blanket, 18 0' drlg. mud, no gas, no bottom hole water. Amerada Hydro. in 5270# out 5240#, Min. Flow & Max. Flow 1480#, ¼ hr. BUP. 1480#

7-13-49 DST. #16 From 11000' to 11015' , 8 hr. ~~xxxx~~ & 25 min. test. on 2-3/8" tubing. Howco Hookwall packer set at 10992' & formation packer set at 10980' With 5/8" Bottom & 1 Top choke. Tool opened at 11:20 P.M. with good blow of air throughout test, decreased last hour, Tool closed at 7:45 P.M. for ¼ hr. BUP. Recovered 4000' Free oil in pipe on top of tool Gty. 43.8 Corrected, 2250' Water blanket and 640' of salt water, Howco hydro. in 5000# out 4900#, Min. Flow pressure 1400#, Max. Flow Press. 2600#, ¼ hr. BUP. 4000# Amerada Hydro. in and out 5020#, Min. Flow press. 1090#, Max. Flow press. 2550#, ¼ hr. BUP. 3970#.

7-15-49 DST #17, From 10950' to 10965', 22 hr. test with 2 packers on 2-7/8" D Drill pipe, Hookwall packer set at 10936' and formation packer set at 10928'. With 5/8" Bottom & 1" Top choke, Tool open at 8:55 A.M. fair blow of air to 12:15 P.M. Gas up at 12:10 P.M. Fluid at 12:15 P.M. and turned to tanks ~~xx~~ 1-3/4 hrs. fill flow line and separator from 2PM to 7 A.M. Made 84.87 Bbls. 2/10% B.S. No water, Water blanket has not not showed up. Closed tool at 7 A.M. for ¼ hr. BUP. Gas Volume 5,725 cubic feet per day. Gravity corrected 44.4 . Recovered 9690' oil, 900' of oil slightly cut with water & mud, approximately 10%, 400' Black water, with Sulphur Odor, will color coin and has salty taste. Howco Hydro. in 4800# out 4650#, Min. Flow press. 1100#, Max. Flow pressure 3500#, ¼ hr. BUP. 4000#, Amerada Hydro. in 5110# out 5080#, Min. Flow 1090#, Max. Flow 3880#, ¼ hr. BUP. 4250#.