

RECORD OF DRILL STEM TESTS

3-7-48

10701' Total Depth, Ran DST with packer at 10630' and 10638', perforations 10670'-10698', 5/8" bottom and 1" top chokes. Tool open at 6:30PM with good blow of gas in 4 mins. that increased to 303M per day in 10 mins. Gas then decreased and stopped in 30 mins. Tool closed at 9:00PM for 15 min. build up at end of 2 1/2 hr. test. Pulled up 12' and testing assembly stuck in 6-1/8" core hole. Backed off drill pipe at top of first packer, ran fishing tools and recovered fish. No Recovery and pressures obtained on DST.

3-13-48

10704' Total Depth, Ran DST with packers set at 10595'-10591', safety joint at 10597', perforations at 10687'-10701', 1/4" bottom and 3/8" top chokes. Tool open at 10:54AM with gas to surface in 4 mins. In 15 min. gas vol., -1,176. In 30 mins gas vol - 349,700. In 1 hour no gas. Tool closed at 1:24PM and started out. Recovered 270' gas cut mud, 180' gas cut mud and salt water, 390' of salt water and sand, 30' of white sand. Hydro press. 5200#, flow press. 0#, Build up pressure 0#.

3-19-48

10770' Total Depth, Ran DST with packers set at 10709' and 10717', perforations at 10748'-10767', 1/8" bottom and 3/8" top chokes. 2200' water blanket. Tool open at 8:30AM with slight blow of air for 15 mins. Tool closed at 10:30AM at end of 2 hr. test. Recovered 90' of drilling mud and 2200' water blanket. Hydro. press. 5600#, flow press. 1050#, did not wait for build up pressure. Amerada Bomb: Hydro. press, in 5590#, out 5545#, opening flow press. 1065#, closing flow pressure 1100#.

3-26-48

10827' Total Depth. Ran DST with 2 packers set at 10768'-10773', Perforations: 10804'-10825' 1/8" bottom and 1" top chokes, 2250' of water blanket. Tool open at 5:25PM with slight blow of air for 3 hours and 45 mins. Tool closed at 9:25PM for 15 min. build up. Recovered 545' drilling mud very slightly gas cut and 2250' water blanket. Amerada Bomb: hydro press. in 5814#, hydro out 5425#, initial flow 1220#, final flow 1470#, build up 3090#. Strapped drill pipe out of the hole: 10834' = 10822'

3-29-48

10827' Total Depth, Ran DST with 2 packers set at 10802'-10808', perforations: 10812'-10824', 5/8" bottom and 1" top chokes, 2 back off tools, one below and one above packers, 2200' water blanket. Tool open 7:25AM and re-opened at 8:30AM with fair blow of air for 4 hours. Tool closed at 12:30PM for 15 min. build up pressure. Recovered 2200' water blanket and 270' of salty drilling mud and salt water. Howso pressure: Hydro press. in 5800#, out 5400#, flow press. 900#-1075#, 15 min build up press. 2650#. Amerada Bomb: Hydro. in 5735#, out 5695#, minimum flow press. 935#, max. flow press. 1160#, 15 min. build up pressure 2740#.

