

Record of Drill Stem Test

- 8-7-48 7940' TD Ran Drill Stem Test with packer set @ 7913', Perf.- 2914'-37', 5/8" bottom and 1" top chokes. Tool open 7:10AM with good blow air that gradually decreased. Tool closed at 11:10AM for 15 min. build up at end of 4hr. test. Recovered: 3420' gas cut mud, 1890' sulphur & salt water. Howco: hydro in 4075#, out-4000#; flow 550#-3125#; build up none. Amerada Bomb: hydro in & out 3950#; flow 440#-2825#, build up none.
- 8-16-48 8460' TD Ran Drill Stem Test with packer set @ 8408', Perf.-8409'-10' & 8433'-57', 5/8" bottom and 1" top chokes. Tool open 4:50PM with light blow air for 15 min. Tool closed and re-opened 5:15PM with light blow air for 10 min. Tool closed 6:25PM for 15 min. build up at end 1hr. 35min. test. Recovered: 105' mud. Pressures: hydro in 4080#, out-4130#, flow 20#-30#; build up none.
- 8-17,18-48 8545' TD Ran Drill Stem Test with Packer set @ 8462', Perf.- 8463'-64' & 8519'-42', 5/8" bottom and 1" top chokes. Tool open 4:50AM with good blow air that gradually decreased and quit @ 6AM. Tool closed at 7:00AM for 15 min build up at end 2 hr. 10 min. test. Recovered 30' drilling mud, 1620' mud cut with water and 5580' salty sulphur water. Show of gas, no oil. Amerada Bomb: hydro in 4335#, out-5315#, flow 1390#-3480#; build up none.
- 9-2-48 9523' TD Ran Drill Stem Test with Packer set @ 9462', Perf.- 9463'-64' & 9487'-9520', 5/8" bottom and 1" top chokes. Tool open 5:03PM with light blow air for 8min. Closed and re-opened tool @ 5:20PM with light blow air for 5 min. Tool closed @ 6:19PM for 15 min. build up end 1hr. 16 min. test. Recovered: 25' drilling mud, no oil, gas or sulphur water. Amerada Bomb: hydro 4990#; flow 40#, build up 300#. Howco Chart no good.
- 9-10-48 9833' TD Ran Drill Stem Test with Packer set @ 9807', Perf.- 9808'-30', 3/8" bottom and 1" top chokes. Tool open 6:50PM with very weak blow air for 2 min. Closed and re-opened tool to check and OK. Tool closed at 7:52PM for 15 min. build up at end 1 hr. 2 min. test. Recovered: 15' mud, no oil, gas or water. Amerada Bomb: hydro 5150#; flow 40#, build up none.
- 9-11,12-48 9858' TD Ran Drill Stem Test with Packer set @ 9835', Perf.- 9836'-55', 3/8" bottom and 1" top chokes. Tool open 6:09PM with gas to top in 2 min., mud in 41 min., distillate in 43 min. Turned to tanks and 1st. hr. 5.52bbbls, 2.07bbbls.; next 36 mins. 2.07bbbls. Total in 2 hrs 36 mins, of 9.66bbbls, gty. 61.3 corr. gas 3,700,000 per day, GOR 37600. Tool closed 9:30PM for 15 min. build up end 3 hr. 21 min. test. Recovered: 50' distillate. Amerada: hydro in 5135#, out- 5070#; flow 605#-1153#; build up 3710#. Howco: hydro in 5200#, out- 4925#; flow press. 875#-1325#; build up 3650#.
- 9-12,13-48 9883' TD Ran Drill Stem Test with Packer set @ 9851' & 9859', Perf.- 9860'-80', 3/8" bottom and 5/8" top chokes. Tool open 3:50AM with gas in 1 min, mud in 8 min, oil in 9 min. Turned to tanks and 1st. hr. 15.18bbbls oil; 18.63bbbls oil; 8.20bbbls, oil and 4th hr. 22.77bbbls oil. Gty. 56.2 corrected. Total in 4 hrs. 64.78bbbls. of distillate (no oil), gas 7,100,000 per day, GOR 18267. Tool closed 7:56AM for 15 min. build up at end 4 hr. 6 min. test. Recovered 120' distillate no water. Howco: hydro in 5130#, out 5100#; flow 2842#-3235#; build up 3865#.
- 9-14-48 9908' TD Ran Drill Stem Test with 2 packers set @ 9875' and 9883', Perf.- 9885'-9905', 3/8" bottom and 5/8" top chokes. Tool open 6:18AM with gas in 4 min., mud in 10 min., oil in 14 min. Turned to tanks and 1st. hr. 35.88bbbls. oil, gas 726M, GOR 844, gty. 44.4 corrected. 2nd. 53.29bbbls; 3rd. 46.92bbbls; 4th 51.22bbbls, total in 4 hrs 187.31 bbbls oil, gas 886,000 per day, GOR 789. gty. 44.4 corr. Tool closed 10:30AM. Recovered 1154' oil, no water. Howco: hydro in 5200#, out- 5180#; flow 1875#-2375#; 15 min build up 3350#. Amerada Bomb: hydro in 5200#, out 5135#; flow 1605#-1960#; 15 min build up 3405#.

