

Record of Drill Stem Tests

W.W. Hamilton Well #1

- 11-11-48 DST. #1 From 6482' to 6545'. Packer set at 6483' w/5/8" Bottom & 1" Top Choke. Perforations 6483' to 6484' & 6512' to 6542'. Tool opened at 6:36 A.M. /good blow air immediately and then gradually decreased, gas to surface in 1 hr. not enough to measure. Estimated @ 5,000cu. ft. per day. Closed tool at 10:36 A.M. open for 4 hrs. Recovered 1288' free oil. Gty. 26.5 corrected. 276' Sulphur water cut 50% Drlg. mud. Amerada Hydro. in & out 2910#, Min. flow press. 80#, Max. Flow press. 560#, 1/4 hr. BUP. 1735#
- 11-14-48 DST. #2 From 6767' to 6795' Packer set at 6767' w/5/8" Bottom & 1" Top choke. Perforations 6768' to 6792'. Tool opened at 1:45 A.M. Few bubbles air for 7 minutes and died, reopened tool, same results, closed tool at 3:00 A.M. Recovered 20' Clean mud, Howco. Hydro. in 3300# out 3100#, Flow pressure 0#, 1/4 Hr. BUP. 0#
- 12-6-48 DST. #3 From 8579' to 8630' Packer set at 8579'. w/5/8" Bottom & 1" Top Choke. Perforations 8580' to 81 & 8614' to 24' Tool opened at 2:00 A.M. fair blow of air for 4 hrs.. Closed tool @ 6:00 A.M. for 1/4 Hr. BUP. Recovered 500' drlg. mud & very light skin of oil, nogas or water. Howco. Hydro. in 4150# out 4225#, Flow pressure 0# to 200#, 1/4 hr. BUP. 400#, Amerada Hydro. pressure in 4020# out 3855#, Flow pressure 165# to 220#, 1/4 Hr. BUP. 330#
/ #5
- 12-21-48 DST. #4. From 9440' to 9469' Packer Set at 9440'. Started in hole with tool, tool leaked, pulled out, redressed tool, started in hole, tool leaked again. Pulled out to change test tools. Went in hole & set packer at 9440' tool opened at 12:45 A.M. held for 3 mins. and packer gave way. Pulled out to change packers and recovered 540' drlg. mud with skim of oil on top. redressed tool and picked up ~~xxx~~ 2-6 1/2" Packers. Set packers at 9433' & 9425'. w/5/8" Bottom & 1" Top Choke. Perforations 9434' to 9463' Opened tool at 7:26 A.M. with fair blow of air. for 4 hrs. no gas. Closed tool @ 11:26 A.M. recovered 3216' Sulphur water, slightly gas cut & 5' oil on top. Howco. Hydro. in 4700# out 4600#, flow pressure Initial 225# Final pressure 1625# 1/4 hr. BUP. 3750# Amerada Hydro. in 4550# out 4560# Min. Flow pressure 0# Final flow pressure 1410# 1/4 Hr. BUP. 3720#
- 12-26-48 DST. #6 From 9666' to 9760' Packers set @ 9658' & 9666' w/5/8" Bottom & 1" Top Choke. Perforations 9667' to 68' & 9734' to 9754' Tool opened at 10:42 P.M. Good blow of air & died in 1 hr. & 48 mins. Closed tool @ 1:30 A.M. for 1/4 hr. BUP. Recovered 180' drlg. mud, 8386' Sulphur water. Howco Hydro. in 4700# out 4650# Min. Flow 400#, Final flow 3850# No Build up. Amerada Hydro. in 4040# out 4300# Min. Flow 300# Final flow 3800#, no build
- 1-4-49 DST. #7. From 9971.50' to 10035' Packers set at 9963.50' & 9971.50' w/5/8" Bottom & 1" Top Choke. Perforations. 9973' to 9974'. Tool opened @ 1:27 P.M. Small blow air for 4 hrs. no gas, Tool closed at 5:27 P.M. for 1/4 Hr. BUP. Recovered 350' Oil & gas cut drlg. mud. 2560' Water (Sulphur & salt) Howco. Hydro. in & out 4800# Min. Flow pressure 20# Max. Flow. 1200#, 1/4 Hr. BUP. 2850# Amerada Hydro. in 4695#, out 4695# Min. Flow pressure 80#, Max. Flow 1160#, 1/4 hr. BUP. 2740#
- 1-9-49 DST. #8 From 10225' to 10270'. Packers set at 10220' & 10225' w/5/8" Bottom & 1" Top Choke. Perforations 10226' to 27' & 10266' to 65'. Tool opened at 8:55 P.M. with medium blow of air throughout test. Tool closed at 12:55 P.M. for 1/4 hr. BUP. Recovered 5850' Sulphur water. Howco. Hydro. in 5100# out 4970#, Min. Flow pressure 130# Max. Flow pressure 2850#, 1/4 Hr. BUP. 4090# Amerada Chart same as Howco. chart.
- 1-13-49 DST. #9 From 10438' to 10495'. Packers Set at 10430' & 10438'. w/5/8" Bottom & 1" Top Choke. Perforations 10439' to 10440' & 10474' to 10492' Tool opened at 12:30 A.M. strong blow of air for 42 mins. & died. Tool tested at 1:30 P.M. and tool was open. Tool Closed at 2:30 P.M. Recovered 1070' Dry pipe, 360' drlg. mud, 8965' of salt water. Howco Hydro. in 4900# out 4890#, Min. Flow pressure 3400#, Max. Flow pressure 4200# 1/4 Hr. BUP. 4200# Amerada Hydro. in 4855# out 4855#, Min. Flow 3400# Max. flow 4135#, 1/4 Hr. BUP 4135#