

Record Of Drill Stem Tests

State "D" Well #6

- 1-27-49 DST. #10 From 7176' to 7205'. Packer set at 7176' W/5/8" Bottom & 1" Top Choke. Perforations 7178' to 7203' Tool opened at 5:17 P.M. Gas to surface in 3 mins. mud in 29 mins. Oil in 31 mins. Turned to tanks made 68.36 bbls. fluid in 4 hrs. Tool closed @ 9:48 P.M. to 10:10 P.M. Packer not pulled loose. Tool Reopened @ 10:00 P.M. made 13.11 bbls. fluid. Closed tool 12:10 A.M. for 1/4 hr. BUP. Recovered 2340' Pipe line oil, no water, no mud. Total of 79.40 bbls in 5 Hrs. Howco. Hydro. Pressure in 3670#, out 3630# Max. Flow 1200# Min. Flow 600# 1/4 hr. BUP. 1200#. Amerada Hydro. in 3585#, out Failed to register. Max. Flow 1200# Final Flow 540# No BUP.
- 2-4-49 DST. #11 From 7134' to 7201' Packer set at 7134' W/5/8" Bottom & 1" Top Choke. Perforations 7134' to 7136' Tool opened at 11:35 P.M. Tool closed at 4:35 A.M. Small blow of air for 5 hrs. No gas. Recovered 120' Drlg. mud, no water, oil or gas. Howco. Hydro. in 3300# out 3280# Flow pressure 0# to 80#. 1/4 hr. BUP. 810# Amerada Hydro. in 3310# out 3275#, Flow pressure 75#, 1/4 hr. BUP. 150#
- 2-18-49 DST #12. From 7209' to 7225' Packer set at 7209' W/5/8" Bottom & 1" Top Choke. Perforations 7210' to 7219' Tool opened at 3:40 A.M. Good blow of air, gas to surface in 12 mins. not enough to measure, Closed tool at 7:40 A.M. Recovered 900' oil, 38.1 Gty. Corrected. 1080' Sulphur mud & water, 25% Oil cut & 90' Sulphur water on bottom. Howco. Hydro. in 3400#, out 3150#, Flow press. 675# 1/4 hr. BUP 2500# Amerada ~~Hydro~~ Chart did not record Clock stopped.
- 2-26-49 DST #13. From 7560' to 7595' Packer set at 7560' W/5/8" Bottom & 1" Top Choke. Perforations 7562' to 7592' Tool opened at 4:45 A.M. No blow, Reopened tool at 4:55 A.M. Packer leaked, closed tool and let air work out of drill pipe, reopened tool at 5:15 A.M. No blow, Reopened tool at 5:30 A.M. Slight blow of air for 10 seconds Closed tool at 6:30 A.M. tool open 1 hr. recovered 3000' Drlg. mud, Howco. Hydro. in 3500# out 3200#, no flow pressure, no BUP. Amerada ~~Hydro~~ Chart showed tool was open @ 4:55 A.M. for 5 mins. while packer was leaking, this 5 mins. was only time tool was open during 4 attempts.
- 2-26-49 DST #14. From 7489' to 7595'. Packers set at 7489' & 7485' W/5/8" Bottom & 1" Top choke. Perforations 7490' to 7491' & 7574' to 7592' Tool open at 2:05 P.M. W/medium blow of air for 15 mins. and died. Tool open 14 hrs. Closed at 3:20 P.M. for 1/4 hr. BUP recovered 45' drlg. mud. no oil, gas or water. Howco Hydro. in 3550#, out 3350# No flow pressure. no BUP. Amerada Hydro. 3610#, out 3510#. No flow pressure No BUP.
- 2-28-49 DST. #15 From 7593' to 7657'. Packers set at 7589' & 7593' W/5/8" Bottom & 1" Top Choke. Perforations 7647' to 7654'. Tool opened at 7:13 A.M. W/weak blow of air for 5 mins. & died. Tool open 1 hr & 5 mins. Closed at 8:33 A.M. for 1/4 hr. BUP. Recovered 5' Ø mud. Howco Chart failed Amerada Hydro. in 3490# out 3490#, Flow press. 0# BUP. 0#
- 3-2-49 DST. #16 From 7656' to 7707' Packers set at 7650' & 7656' W/5/8" Bottom and 1" Top Choke. Perforations 7684' to 7701' Tool opened at 6:17 P.M. W/weak blow of air for 4 hrs. Closed tool at 10:17 P.M. for 1/4 hr. BUP. Recovered 97' drlg. mud. slightly gas cut, no oil or water, Howco. Hydro. in 3500# out 3450# Flow pressure 0#, BUP 0# Amerada Hydro. in 3490# out 3490# Flow pressure 0#, BUP 0#
- 3-3-49 DST. #17 From 7706' to 7750' Packers set at 7700' & 7706'. W/5/8" Bottom & 1" Top Choke. Perforations 7734' to 7741' opened tool at 8:26 P.M. W/good blow of air, gas to surface in 3 mins. Very weak ~~weak~~ gas. Vol. Approx. 3,000 cu ft. per day & gradually decreased. Tool closed at 12:26 A.M. for 1/4 hr. BUP. Recovered 90' drlg. mud cut with trace of oil & sulphur water & 1080' free Sulphur water. Howco. Hydro. did not record. Amerada Hydro. in 3490# out 3490#, Flow pressure 50# to 490# 1/4 hr. BUP. 1265#
- 3-7-49 DST. #18 From 7207' to 7213' Packers set at 7203' & 7207' W/5/8" Bottom & 1" Top Choke. Perforations 7207' to 7213' Tool opened at 7:12 P.M. Gas to surface in 8 mins. Vol. too small to measure. Tool Closed at 11:12 P.M. for 1/4 hr. BUP. recovered 2040' Oil, 90' Drlg. mud cut with oil & water 75% mud & 25% Sulphur water. Did not run Howco Bomb. Amerada Hydro. in 3330# out 3220# Flow pressure 0# to 340#, 1/4 hr. BUP. 1420#

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