

STATE BTB WELL #1

- 5-27-49 DST. #1 From 8541' to 8580' W/3 1/2" I.F. Modified Drill Pipe & Safety Joint, 4 hr. test, set packers at 8535' & 8541'. W/5/8" Bottom & 1" Top Choke. Perforations 8542' to 8574'. Tool opened at 8 P.M. gas to surface in 3 mins. mud in 10 mins. distillate in 30 1/2 mins. Made 17.25 bbls. distillate in 4 hrs. Gas Vol. 4,908,000 cu. ft. gas per day. GOR 44,192. Closed tool at 12 midnite for 1/2 hr. BUP. Recovered 60' Distillate, Amerada Hydro. in 4400# out 4420# Min. Flow press. 1115#, Max. Flow press. 1130#, 1/2 hr. BUP. 2865#. Howco chart failed to record.
- 6-3-49 DST #2 From 8788' to 8852' W/3 1/2" Drill pipe, 5 hr. Test. 2-6 1/2" Packers set at 8780' & 8788', W/5/8" Bottom & 1" Top Choke. Perforations 8789-90' and 8821-49'. Tool opened at 3 A.M. Gas to surface in 3 mins. Mud in 55 mins. oil in 1 hr. turned to tanks at 4 A.M. from 4 A.M. to 7 A.M. made 68.31 bbls. Fluid Gravity 44.4 corrected. Gas Vol. 728,091 Cu. ft. gas per day. Drill pipe pressure 50#, Trap press. 12#, tool closed at 8 A.M. for 1/2 hr. BUP. Bled down drill pipe & recovered 2.76 bbls. fluid, 3/10% mud. Recovered 1630' Free oil, 80' of fresh brankish water on top of tool, would not color a coin. Howco Hydro. in 4925# out 4800#, Min. Flow 950#, Max. Flow 1325#, 1/2 hr. BUP. 1350#, Amerada, Hydro. in 4615# out 4585# Min. Flow press. 390# Max. Flow 770# 1/2 hr. BUP. 3150#.
- 6-6-49 DST. #3, From 8860' to 8939' W/2-6 1/2" Howco Double Wall packers & safety joint on 3 1/2" Mod. D.P. 4 hr. Test, Set packers at 8852' & 8860' W/5/8" Bottom & 1" top choke. Perforations 8861-62' & 8923-36'. Opened tool at 9:05 A.M. Light blow of air ~~for~~ no gas. Closed tool at 1:05 P.M. for 1/2 hr. BUP. Recovered 5940' Salt Water, W/Brown color on top, 360' drlg. mud, 25% salt water cut, no oil or gas. Howco Hydro. in 4800# out 4650#, Min. Flow press. 500#, Max. Flow press. 3250#, 1/2 Hr. BUP. None. Amerada Hydro. in and out 4530#, Min. flow press. 330#, Max. Flow press. 3165#, 1/2 hr. BUP. None.
- 6-9-49 DST. #4 From 8938 to 8981' W/2 packers , 4 hr. Test on 3 1/2" Drill pipe, Packers set at 8930' & 8938' W/5/8" Bottom & 1" Top Choke, Perforations 8939-40' & 8970-8978'. Tool opened at 12:40 P.M. Good blow of air & decreased to very weak blow & continued bubbling for duration of test. Closed tool at 4:40 A.M. for 1/2 hr. BUP. Recovered 270' Drlg. mud, salt water cut, 35%, & 6570' Salt Water, Howco Hydro. in 4800# out 4650#, Min. Flow press. 450#, Max. Flow press. 3225#, 1/2 hr. BUP. None. Amerada Hydro. in 4650# out 4620#, Min. Flow press. 290#, Max. Flow press. 3120#, 1/2 hr. BUP. None.
- 6-11-49 DST. #5 From 8998' to 9031' W/2 packers & safety joint, packers set at 8990' & 8998' on 3 1/2" Mod. Drill pipe, 4 hr. Test. W/5/8" Bottom & 1" Top choke, Perforations 8999 to 9028' Tool opened at 7:55 P.M. with good blow of air, gas up in 1 hr. & 55 mins. Nat. 5,000 cu. ft. per day. Gas decreased to est. 1,000 cu. ft. per day, at end of test. Closed tool at 11:55 P.M. for 1/2 hr. BUP Recovered 270' Drlg. mud, & 1400' Salt water, no oil, Howco Hydro. in & out 4800#, Min. Flow press. 50#, Max. Flow press. 975#, 1/2 hrs. BUP. 1500#, Amerada Hydro. in and out 4650#, Min. Flow press. 105#, Max. Flow press. 915#, 1/2 hr. BUP. 1420#.
- 7-16-49 DST. #6 From 10090' to 10150' W/2-6 1/2" Packers & safety joint, 3 1/2" Mod. Drill pipe. Packers set at 10082' & 10090' W/5/8" Bottom & 1" Top Choke, W/1000' Water blanket, Perforations 10122' to 10146'. Tool Opened at 3:23 A.M. gas to surface in 56 mins. fair blow of air, water blanket up in 57 mins. Oil in 1 hr & 2 mins. Turned to tanks at 4:25 A.M. Made 182.16 bbls. 59 gravity, Gas Vol. 466,830, cu ft. per day, GOR 427, Bled down drill pipe & recovered 13.5 bbls. oil, recovered 25 stands dry pipe, rest of pipe sprayed oil while being pulled out of hole, no oil in Drill pipe, & 2' Drlg. mud on top of tool, Howco Hydro. in 5300# out 5100#, Initial flow press. 1100#, Final flow press. 3150', 1/2 hr. BUP. 4000# Amerada Hydro. in 5120# out 5100#, Initial flow press. 930#, Final flow press. 3010#, 1/2 hrs. BUP. 3980#.
- 7-18-49 DST. #7, From 10150' to 10200', 2 1/2 Hr. test W/2-6 1/2" OD packers & safety joint on 3 1/2" Mod. Prill pipe W/1000' Water Blanket, packers set at 10142' & 10150' W/5/8" Bottom & 1" Top Choke, Perforations 10180' to 10196'. Tool opened at 6:05 P.M. W/good blow air ~~for~~ gas and water blanket up in 25 mins. oil in 30 mins. turned to tanks @ 6:35 P.M. in 2 1/2 hrs. made 222.56 bbls. oil, no BS & no water, Gravity 57.7 corrected, GOR 414 Tool closed at 9:05 P.M. for 1/2 hr. BUP. Bled down Drill pipe , made 6.9 bbls. to tanks, Recovered 19 stands dry pipe, fine spray of oil rest of way out & 480' Salt water on top of tool, Howco Hydro. in and out 5200#, Initial flow press. 2300#, Final flow press. 3800#, 1/2 hr. BUP. 4050#, Amerada Hydro. press in 5140# out 5120#, Initial flow press. 2020#, Final flow press. 3540#, 1/2 hr. BUP 4000# . Water Analysis from 10150' to 10200' Specific gravity 1.024 & 19,000 PPM. chelrds.

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1. Flow press. 1150, max. flow press. 1130, 1/2 hr. B.P. 28.55. Howes ops.
 for 1/2 hr. B.P. recovered 60' Distillate, Amends Hydro. in 4000 out 1400.
 Dist. Vol. 4,208,000 cu. ft. gas per day. GOR 14,192. Closed tool at 12 midnight
 and in 10 mins. distillate in 105 mks. made 17.25 bbls. distillate in 4 hrs.
 Perforations 8542' to 8574'. Tool opened at 8 P.M. gas to surface in 3 mins.
 1 hr. test, see logene at 8573' & 8541'. W/8" Bottom & 1" Top choke.
 DRL. 41 from 8541' to 8550' W/8" 1 1/2" Modified Drill Pipe & Safety Joint.

4. Mr. BUE. 3750#.
 Hydro. in 4015# out 4285# N. flow press. ~~390#~~ 390# Tex. flow 370#
 Hydro. in 4925# out 4800# N. flow 990# Max. flow 1325# = 17. BUE. 1355#.
 80' of fresh brackish water on top of tool, would not color a coin. However
 drill pipe & recovered 2.76 cpls. fluid, 3/102 mud. Recovered 1630' Free oil,
 19 cpl. Trap press. 18#, tool closed at 8 A.M. for 1 hr. BUE. Fluid down
 fluid gravity 44.4 corrected. Gas Vol. 728, CFI 90.10. Gas per day. Drill pipe
 off in 1 hr. turned to tanks at 4 A.M. from 4 A.M. to 7 A.M. made 68.31 cpls.
 8821-49'. Tool opened at 3 A.M. Gas to surface in 3 mins. and in 22 mins.
 at 8780' & 8788'. 4/5/84 section & 1" Top choke. Penetration 8789-90' and
 8774# from 8788' to 8825' 4/35" drill pipe, 5 hr. Test. 2-5" Packers set

Flow press. 330#, 400#. Flow press. 316#, 4 Mr. BUP. None.
Flow press. 3250#, 4 Mr. BUP. None. Amnua Hydro. in and out 4500#, 4000#.
no oil or gas. Howco Hydro. in 4800# out 4500#. Min. flow press. 500#, 400#. 4000#.
9340# salt water, 7 brown color on top, 360; dry, mud, 25% salt water cut,
flow of air ~~in~~ no gas. closed tool at 1:05 P.M. For 1/2 hr. BUP. Recovered
top choke. formations 8861-62, & 8923-36. opened tool at 9:05 A.M. light
on 36" tool. D.P. 4 Mr. Test. set packers at 8852, & 8860, W/8" bottom & 1"
inst. #3, from 8860' to 8733' W/2-6" Howco Double Well packers & safety tool.

2700' Max. flow pres. 3120#, 4 hr. BUP. None.
3225' 1 hr. BUP. none. Anarads Hydro. in 1620# out 1620#, Min. flow pres. 2.
None Hydro. in 1600# out 1600#, Min. flow pres. 1.50#, Max. flow pres. 2.
1 hr. 30'. recovered 270' Dril. mud, salt water out, 322', & 670' salt water,
flow & continued pumping for duration of test. Closed tool at 1:40 A.M. for
670'-6778'. Tool opened at 12:40 P.M. Good flow of air & decreased to very weak
set at 933' & 933' 1/2" bottom & 1" top choke, perforations 933'-10' &
101'. 44 from 933' to 933' 1/2" W/2 packers, 4 hr. Test on 35" Drill pipe, 4 packers

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