

Western Company acidized perforations 12218-12276' w/1000 gallons mud acid, time 1 hour 55 min, injection rate .3 BPM, TP - 1500# - 5300# - 4400#, swabbed 48 BLO (all) plus 24 BAW 3 hours. Flowed 98 BFO 12 hours through 2 1/4" choke and died, TP - 50#. (4-10-53)

Western Company re-acidized perforations 12218-12276' w/5000 gallons 20% HCl acid, time 22 min, injection rate 5.45 BPM, TP - 800# - 4700# - 3900#, swabbed 48 BLO (all) plus 40 BAW 5 hours, swabbed 169 BFO plus 80 BAW (all) 18 hours, swabbed 120 BFO no water next 10 hours. (4-11-53)

Western Company re-acidized perforations 12218-12276' w/1000 gallons 20% HCl acid, time 35 min, injection rate (.88 BPM, TP - 0 - 4500# - 3500#, swabbed 48 BLO (all) plus 34 BAW 5 hours, swabbed 119 BFO plus 167 BAW 53 hours, 39 BAW not recovered. (4-12-53)

Western Company acidized perforations 12307-12347' w/3000 gallons 20% HCl acid, time 44 min, inj. rate 1.6 BPM, TP - 100# - 750# - 3000#, CP - 0 - 2450#, communications between perforations, attempted to reset packer @ 12170', could not set, rev. out 14 BAW. (4-18-53)

Western Company acidized perforations 12379-12433' w/5000 gallons 20% HCl acid, time 50 minutes, injection rate 24 BPM, TP - 200# - 3400# - 2100#, CP - 0 - 1700# - 800#, communications between perforations, reset packer @ 12100', flowed 48 BLO plus 12 BAW 1 hour. (4-19-53)

Western Company acidized perforations 12451-12496' w/5000 gallons 20% HCl acid, time 30 minutes, injection rate 3.75 BPM, TP - 300# - 3400# - 1400#, CP - 0 - 900# - 400#, got communications, (4-20-53)

Western Company acidized perforations 12218-12276' w/5000 gallons 20% HCl acid, time 25 minutes, injection rate 4.8 BPM, TP - 100# - 3400# - 2000#, CP - 1400# - 2100# - 2070#, flowed 438 BLO (all) plus 221 BAW 10 hours, 3/4" choke, TP - 0 - 500#, casing vacuum to 0#. (4-21-53)

WELL TESTS:

#1 (bo) - 9260-9212' 2 packers, open 1 1/2 hours, 5/8" BHC, 1" SC, no water cushion, gas to surface 9 min, too small to measure, recovered 8650' free oil, Gr. 33.7 @ 60°, rev. recovery 311-0#, BHFP - 515# - 2675#, SI 15 minutes, SIP - 3115#, RH - 4150# in and 4120# out. (1-25-53)

Attempted #3 (Perm Penn) 9212-9202', drill collar washed out, no test. (1-26-53)

#2 (Perm Penn) - 9212-9202' 2 packers, open 1 hour, 5/8" BHC 1" SC, no water cushion, nothing to surface, recovered 5' drilling mud, no shows, BFP - 0#, BHFP - 0#, SI 15 minutes, SIP - 0#, RH - 4300# in and out. (1-27-53)

#3 (Lower Perm Penn) - 10355-10327' 2 packers, open 1 hour, 5/8" BHC, 1" SC, no water cushion, nothing to surface, recovered 7690' sulfur water, 90' drilling mud, BFP - 0#, BHFP - 3975#, SI 15 minutes, SIP - 4020#, RH - 4595# in and 4485# out. (2-14-53).

#4 (Devonian) - 12208-12290' 2 packers, open 2 hours, 5/8" BHC, 1" SC, no water cushion, gas to surface 5 minutes, 21 MCF/day, no fluid to surface, recovered 2704' free oil, Gr. 45.5 @ 60°, 630' oil cut drilling mud, BFP - 0#, BHFP - 130# - 265#, SI 15 minutes, SIP - 1160#, RH - 5460# in and 5390# out. (3-25-53)

#5 (Devonian) - 12290'-12386' 2 packers, open 2 hours, 5/8" BHC, 1" SC, no water cushion, gas to surface 8 minutes, 23.5 MCF/day, recovered 210' oil cut drilling mud and 1500' free oil, Gr. 45.2 @ 60°, BFP - 0#, BHFP - 750 - 550#, 15 min SI, SIP - 2550#, RH - 5850# in and out. (3-29-53).

Journal of Management Studies, 19(1), 67-80.