

RECORD OF PRODUCTION AND STIMULATION

1. Western Company acidized perforations 12,305' - 12,361' W/500 gallons mud acid, time 6 minutes, injection rate 2 BPM, TP - 1900#, 1000# and 2800#, swabbed and flowed 49 BLO, 12 BAW 8 hours, swabbed and flowed 27 BFO 4 hours, S/O .2% BS, gravity 43.8 @ 60°, swabbed and flowed 66 BFO last 9 hours. (3-4-53).
2. Western Company re-acidized perforations 12,305' - 12,361' W/2000 gallons 20% SLT acid, time 23 minutes, injection rate 2 BPM, TP - 0 - 1700#, swabbed 49 BLO 5 hours (all) and 40 BFO plus 14 BAW next 13 hours, S/O 16% BS & AW, swabbed and flowed 27 BFO plus 34 BAW next 10 hours. (3-5-53).
3. Western Company re-acidized perforations 12,305' - 12,361' W/6000 gallons 20% SLT acid, time 35 minutes, injection rate 4.1 BPM, TP - 300# - 3500#, swabbed 49 BLO (all) plus 76 BAW plus 226 BFO next 30 hours. (3-8-53).
4. Western Company acidized perforations 12,428' - 12,488' W/5000 gallons 20% SLT acid, time 43 minutes, injection rate 2.79 BPM, TP - 950#, 2850# and 2400#, swabbed 49 BLO, all, plus 10 BAW 1 hour, flowed 258 BFO plus 110 BAW 10 hours. TP - 0 - 600#, S/O 2% BS & AW, est. GOR 900/1, gravity 43.8 @ 60°. (3-10-53).
5. Western Company acidized perforations 12,500' - 12,526' W/3000 gallons 20% SLT acid, time 45 minutes, injection rate 2.88 BPM, TP - 2500#, 1600# and 2600#, swabbed 49 BLO plus 10 BAW 2 hours, got communications between perforations, reset packer @ 12,390', swabbed and flowed 49 BLO (all) plus 20 BAW 2 hours, flowed 125 BFO plus 25 BAW next 4 hours, flowed 194 BFO plus 22 BAW (all) 5 hours. (3-11-53).
6. Western Company acidized perforations 12,539' - 12,594' W/5000 gallons 20% SLT acid, time 40 minutes, injection rate 3 BPM, TP - 400#, 3300#, swabbed 49 BLO plus 120 BAW plus 101 BFO 12 hours, swabbed and flowed 560 BLO (all) plus 273 BFO last 42 hours, (3-15-53).

DRILL STEM TESTS

1. Wolfcamp - Open hole, 9260' - 9309', tool open 2 hours 40 minutes, no water cushion, 2 packers, gas to surface 22 minutes, 356/1 MCF/day, mud to surface 1 hour 28 min., oil to surface 1½ hour, cleaned to pits 10 minutes, flowed 27 BO 1 hour, S/O 2% BS and mud, gravity 46.2 @ 60°, GOR - 550/1, SFP - 60#, BHFP - 380# - 2395#, Shut-In 15 minutes, SIP - 3030#, HH - 4460#. (11-9-52)
2. Wolfcamp - Open Hole, 9309' - 9336', tool open 1 hour, no water cushion, used 2 packers, nothing to surface, recovered 75' drilling mud, no shows, SFP - 0, BHFP - 80#, Shut-In 15 minutes, SIP - 180#, HH - 4345# in and out. (11-10-52).
3. Wolfcamp - Open hole, 9345' - 9412', tool open 1½ hour, no water cushion, 2 packers, nothing to surface, recovered 120' drilling mud, no shows, 180' slightly gas cut drilling mud, SFP - 0, BHFP - 0, Shut-In 15 minutes, SIP-85#, HH-4345# in and out, (11-13-52)
4. Lower Permo Penn, Open hole, 10,110' - 10,234', tool open 1 hour, no water cushion, 2 packers, nothing to surface, no recovery, no pressures. (11-25-52)
5. Devonian - Open hole, 12,193' - 12,239', tool open 2 hours, used 1000' water cushion, 2 packers, gas to surface 30 minutes, TSTM, recovered 1000' WC, 3200' free oil, gr. 45.5 @ 60°, SFP - 0, BHFP - 1245#, Shut - In 15 minutes, SIP - 2420#, HH - 5890# in and out. (2-4-53).
6. Devonian - Open hole, 12,277' - 12,377', tool open 2 hours, used 1000' water cushion, 2 packers, gas to surface 25 minutes, TSTM, recovered 6740' free oil, gr. 40.5 @ 60°, recovered 1000' WC, SFP - 0, BHFP - 1400#, Shut - In 15 minutes, SIP - 2450#, HH - 6050# in and 5920# out.
7. Devonian - Open hole, 12,238' - 12,290', tool open 2 hours, used 1000' water cushion, 2 packers, gas to surface 27 minutes, TSTM, recovered 1000' WC, 2000' free oil, gr. 45.6 @ 60°, SFP - 0, BHFP - 585# - 950#, Shut - In 15 minutes, SIP - 1930#, HH - 5880# in and out. (2-8-53).
8. Devonian - Open hole, 12,377' - 12,477', tool open 3 hours 40 minutes, used 1000' water cushion, 2 packers, gas to surface 32 minutes, WC to surface 55 minutes, oil to surface 1 hour 10 minutes, cleaned to pits 30 minutes, flowed 87.82 BFO 2 hours, no water, GOR-955/1, gr. 48 @ 60°, S/O 6.2% mud, SFP - 90# - 165#, BHFP - 1770#, 3130#, Shut - In 15 minutes, SIP - 4550#, HH - 5965# in and out. (2-10-53).

