

Marathon Oil Company
McDonald State A/C 1, #3
Continuation of Item 12

- 12-15-91 - POOH w/6 1/8" bit, LD 3 1/2" DC's. RU Wedge Wireline. Tested lub on ground to 1000 psi. RIH w/4" guns. Perf 7" csg. RIH w/7" RTTS. Landed @ 3880'. Spotted 200 gals 15% NEFE acid across perfs from 3716'-3878'. PU to 3650'. Set RTTS. Tested lines to 4000 psi. Acidized perfs using 4000 gals 25% Xylene, 75%-15% NEFE acid (used 375 balls). Max press 1000 psi @ 4.8 BPM. Min press 100 psi @ 2 BPM. Avg press 800 psi @ 4.8 BPM. ISIP 400 psi. 5 min 300 psi. 10 min 200 psi. 15 min 200 psi. RD Western Co. SDFN.
- 12-16-91 - Opened well, 0 psi. Release pkr @ 3650'. RIH to 3890' w/pkr. Pulled up to 3650'. Reset pkr. RU swab. Made 6 runs. IFL 3100'. FFL @ 3500'. Swabbed back 25 bbls. Released pkr. POOH. RU Wedge Wireline. Tested lub to 1000 psi. RIH w/4" guns. Perf 7" csg from 3671'-3744' using 4 JSPF for total of 92 holes. RD Wedge. RIH w/7" RBP & 7" RTTS. Set plug @ 3765'. Tested plug @ 3765' to 2000 psi (Held OK). Pulled up to 3594' w/RTTS. Set pkr. RU Western. Tested lines to 4000 psi. Acidized perfs from 3671'-3744' using 3000 gals 15% NEFE acid. Dropped 150 ball sealers. Max press 1500 @ 4.8 BPM. Min press 900 psi @ 4.8 BPM. Avg press 1000 psi @ 4.9 BPM. ISIP 300 psi. 5 min vac. SDFN.
- 12-17-91 - Rel pkr @ 3594'. RIH to 3760'. Knock off balls. PU to 3594'. Reset pkr. RU swab. Swabbed dry in 8 runs. Swabbed 25 bbls. Rel pkr @ 3594'. RIH to 3765'. Retrieved plug. POOH w/plug & pkr. LD workstring. Chg rams to 2 3/8". RIH w/124 jts 2 3/8", 4.7#, J-55 tbg w/7" tbg anchor. Landed tbg @ 3885', SN @ 3849' tbg anchor @ 3631'. ND BOP. NU wellhead. Set tbg anchor. 12,000# tension. SDFN.
- 12-18-91 - RIH w/1 1/4" x 2" x 12' insert pump on 83- 3/4" rods, 70- 5/8" rods. Hung well on. RD unit. Released rig.
- 12-19-91 - Connect propane tank for fuel gas to Ajax. Start well pumping to frac tank.
- 12-20-91 - Thru 1-3-92
Testing to frac tank.
- 1-4-92 - Well pumped 20 BO & 52 BW in 24 hrs.
- 1-5-92 - Well pumped 16 BO & 16 BW in 24 hrs.
- 1-6-92 - Well pumped 11 BO & 13 BW in 24 hrs.
- 1-7-92 - Well pumped 15 BO & 15 BW in 24 hrs.

FINAL REPORT.