

McCLELLAN OIL CORPORATION MOC FEDERAL NO. 5
Section 30-T5S-T25E
660' FNL & 1980' FEL
Chaves County, New Mexico
Elevation: 3848' G.L.

- 5/20/83: Move in WEK rig#3. Spud 9:00 P.M., 5/20/83 with 12¼" bit.
- 5/21/83: Drilling to 1000' with 12¼" bit. Ran 987' (22 joints) of 24 lb. 8/5-8" casing. Cemented with 300 sx Halliburton lite and 250 sx Class "C" 2% CaCl₂. Circulated 75 sx.
- 5/22/83: WOC
- 5/23/83: Present operation - drilling at 1353' in Limestone.
- 5/24/83: Drilling at 2450'. Partial lost circulation.
- 5/25/83: Drilling at 3600'. MW - 9.8; Vis - 42; WL - 18; Diesel - 3%.
- 5/26/83: Drilling at 3967'. MW - 10; Vis - 39, WL - 19. Drilling at 15 ft/hr.
- 5/27/83: TD at 4200'. Logged with Dresser CNL-FDC/DLL. Prep to run 4½' pipe.
- 5/28/83: Ran 4150' 4½" 10.5 lb. casing. Cemented with 400 sx Class "C", 50-50 POZ, 6 lbs, salt, .3-1% Halad 4, .3-1% CFR 2. Plug down at 6:30 P.M. 5/27/83. Ran temperature survey. Released rig 8:00 P.M. TOC - 2900'.
- 6/06/83: Ran Cement Bond Log. Perfed 3796', 98, 3800, 02, 04, 3820, 22, 24, 26, 27. 3985, 87, 89, 91, 93, 95, 97 with 17 shots 1 JSPF. Ran tubing packer and BP to 3700'. Shut down.
- 6/07/83: Stradled 3985-97 and acidized with 1000 gal 7½% NE acid. Break down at 1800 psi; Average 4.6 BPM at 1600 psi. Balled out. ISIP - 580. Moved tools. Stradled 3796-3827 and acidized with 1000 gals 7½% NE acid. Break down at 1700 psi; average 5.4 BPM at 1510 psi. Little ball action. ISIP - 390. Pulled tubing and tools. Fraced down 4½" casing with 8000 gals PRE-PAD, 55,000 gal gelled 2% KCL water, 45,000 lbs. 20-40 sand, 35,000 lbs. 10-20 sand at 61 BPM at 2533 psi. ISIP - 930 psi, 5 min - 800 psi., 10 min - 760 psi., 15 min - 720 psi. Shut in overnight.
- 6/08/83: SITP - Vacuum. Ran tubing to 3730'. Nipple up well head. Swabbing back frac load. Kicked off at 4:00 P.M.
- 6/09/83: Well flowed overnight. FTP - 320 psi on ½" choke. Still too wet to burn. Shut in at 5:00 P.M.
- 6/10/83: SITP - 940. SICP - 940 psi. Flowed for 2 hours, flowing 500 psi on ½" choke with very little fluid. SI.
- 6/13/83: SITP - 1000 psi; SICP - 1000 psi. Will 4-point tomorrow.