

McCLELLAN OIL CORPORATION MOC Federal #3
Section 29-T5S-R25E
1980' FWL & 660' FSL
Chaves County, New Mexico
Elevation: 3797'

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O. C. D.
ARTESIA, OFFICE

- 10/06/82: Drilling at 541', 2 ft/min. Spudded at 12:45 a.m.
- 10/07/82: TD - 1008'. Prep to run 8-5/8' casing.
- 10/08/82: Ran 1003', 25 joints, 8-5/8", 24#, J-55 casing. Cement with Halliburton 300 sx Halliburton Lite, 1# flocele, 2% CaCl. 250 sx Class "C" 2% CaCl₂. Circulated 56 sx. Plug down at 11:00. Drilled out at 5:00 a.m., drilling at 1085'.
- 10/09/82: Drilling at 1735'.
- 10/10/82: Drilled to 2500'. Twisted collars off. Fished out drill string. Resumed drilling. Lost jet in bit. Pull out of hole. Replaced bit, resumed drilling.
- 10/11/82: Drilling at 3188'.
- 10/12/82: Drilling at 3636'. MW - 9.8, Vis - 36, WL - 16. Drilling at 4-5 min/ft. Mudded up at 3500'.
- 10/13/82: Trip for bit at 3889'. MW - 10.2, Vis - 38, WL - 19. Drilling 5 min/ft.
- 10/14/82: Drilling at 3930'. MW - 9.8, Vis - 42, WL - 19.
- 10/15/82: TD at 4101'. Circulating, prep to log.
- 10/16/82: Ran Dresser CNL-FDC, Dual Laterolog. Ran 4108' of 4 1/2", 10.5 lb/ft, J-55 casing. Cemented with 450 sks Class "C", 50/50 Poz with 2% gel, .3% CFR-2, .3% Halad - 4, 6# salt. Nipple up wellhead. Release Rig. Temperature Survey after 12 hours - TOC @ 3100'.
NO FURTHER REPORTS UNTIL COMPLETION IS ATTEMPTED.
- 10/25/82: Rig up pulling unit. Ran cement bond log. Perforated at 3697', 99, 3700, 02, 04, 06, 3717, 19, 20, 22, 23, 3774, 76, 78, 3813, 16, 18, 19, 20, 21, 22, 25, 27, 3838, 40, 41 with .50" hole, 26 total. Ran tubing, packer and bridge plug. Will acidize tomorrow.
- 10/26/82: Acidized zone 3770'-3841' with 2,000 gal. 15% NE acid. Balled off with 30 balls, communicated to upper perms. Pulled packer above 3697' and acidized perms from 3697'-3841' with 1500 gals. 15% NE acid and 40 balls, balled off entire interval. ISIP - 400 psi, 5 min. - 350 psi, 15 min. - 300 psi, Average Rate - 5 bbl/min, Average Pressure - 2000 psi. Swabbing back acid load. SION
- 10/27/82: SI 15 hours. SITP - 900#. Blew down well to pit. Unloading slight amount of fluid. Estimated 20-40 psi on 3/4" choke. Pulled BP to 3600'. Circulated hole to recover balls, pulled out of hole with tubing, packer and bridge plug. SION
- 10/28/82: SIP - 400 psi. Fraced with 80,000 gals of Versa gel-1300 at 80 bbl/min at 2200 psi carrying 190,000# of 20/40 sand. ISIP - 850 psi, 5 min. - 680 psi, 10 min. - 620 psi, 15 min. - 580 psi. SI - 4 hours. Run after frac survey showing good treatment throughout zone. After 4 hours Well Head pressure - vacuum. Ran tubing and seat nipple to 3760'. SION
- 10/29/82: SITP - Vacuum. Started swabbing back frac load. Swabbed approximately 250 bbl. with slight show of gas. RU air machine, started jetting fluid with air for approximately 3 hrs. Well started unloading fluid on its own. CP - 600 psi. FTP - 50-100 psi on 3/4" choke. Left flowing overnight.
- 10/30/82: Flowing for approximately 24 hours. FTP - 250 psi on 3/4" choke. Estimated 3,800 MCF, making small amount of fluid. SI