

JUL 28 1982

McCLELLAN OIL CORPORATION MOC NO. 2 O. C. D.
 660' FSL & 1650' FEL Section 30-T5S-R25E ARTESIA, OFFICE
 Chaves County, New Mexico
 Elevation 3829' G.L.

- 6/22/82: Rig up Salazar Brothers Rig #14. Spud 11:00 p.m.
- 6/23/82: Drilling at 530'.
- 6/24/82: TD surface 1020'. Ran 1013' of 8-5/8", 23# casing. RU Haliburton. Cemented with 300 sx Haliburton Lite 2% CaCl, 1# Flocel, 250 sx Class C, 2% CaCl. Circulate 75 sx cement. P.D. 9:15.
- 6/25/82: Started drilling out at 4:00 a.m. Drilling at 1070'.
- 6/26/82: Drilling at 1815'.
- 6/27/82: Drilling at 2560'.
- 6/28/82: Drilling at 3580', mudding up.
- 6/29/82: Drilling at 4025' in shale. MW - 9.9, Vis - 36, WL - 15. Lost some fluid from 3850' - 3880'.
- 6/30/82: TD 4175'. Ran Schlumberger CNL/FDC & DLL. Prep to run 4-1/2" casing.
- 7/01/82: Ran 103 joints, 4095.55', of 4 1/2" 10.5, J-55 casing. Shoe joint - 4055'. RU Halliburton, mix cement. 660 sx, 50/50 poz, 2% gel, 6# salt, .3% Halad-4, .3% CFR-2. Displace 65.4 bbl. Bumpplug at 12:00 noon. Marker joint - 3100'. Temp survey - TD - 4042', TC - 2850'.
- 7/02/82: No further reports until completion is attempted. WOCU
- 7/06/82: Set anchor and bell nipple.
- 7/07/82: Rig up Pool Well Service. SDON
- 7/08/82: RU Vann Tool and run bond log. TOC - 2850'. Came out of hole ran string. Perf at 3789, 92, 3811, 13, 3835, 42, 45, 63, 65, 1 shot/foot, 1/2" hole. Start in hole with packer. WO unit. Rest of way in with packer, would not seal. Came out of hole. SDON
- 7/09/82: Start in hole with packer set. Broke down perf at 1000#, 5 bbl/min. Open by pass on packer. Spotted 13 bbls acid with balls. Closed BP, pumping at a rate of 6 1/2 bbl/min, 2000#. Total 20 balls with 1500 gals Mod-101 acid.
 ISIP - 500#
 5 min. - 400#
 10 min. - 350#
 15 min. - 350#
 RU to swab. Swabbed acid load back. Slight show of gas. SION
- 7/10/82: SITP-400 psi. Blew down to pit. Shut in for weekend.
- 7/11/82: SITP - 350 psi. Pulled tubing and packer. Ran RBP to 3750'. Test to 2000 psi. Perforated 3674, 76, 78, 80, 82, 84 with six .5" holes. Acidized with 1000 gals. MOD-101 at 7 BPM at 2800 psi. ISIP - 500 psi. Swabbed back acid load: Good show of gas. SION
- 7/13/82: TP - 350 psi. Fluid level @ 1800'. Pulled packer, RBP and tubing. Fraced with 40,000 gals gelled 2% KCL water with 50,000 lbs. 20/40 sand.
 Average Rate - 53 BPM
 Average PSI - 1550
 ISIP - 840
 15 min. - 720
 Shut in 2 hours. Flowing back frac load.
 Ran tubing back to 3612'. SION

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- 7/14/82: Swab well. Pulled 100 bbls. of frac fluid. Gas at surface, but would load up and die. Swabb until 6:00 p.m. SDON
- 7/15/82: RD CP - 270#. Flowing 50-60# on tubing. Not making any fluid. SI
- 7/16/82: TP - 990# CP - 1000# Flowed $\frac{1}{2}$ " choke for 1 hour. Stabilized at 300 psi, 1,878 MCF. SI for pressure build-up and 4-point test.
- 7/22/82: 4 point test results - CAOF - 1,700 MCF.

FINAL REPORT