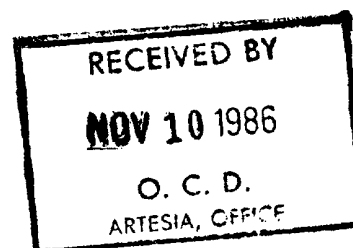


McCLELLAN OIL CORPORATION  
MOC Federal No. 9  
Sec. 29-T5S-R25E  
Chaves County, New Mexico



- 09-22-86 Moved in Rio Grande Rig #13.
- 09-23-86 Spudded w/12-1/4" bit at 2:30 a.m. 9-23-86. Present operation drilling at 80' w/fresh water.
- 09-24-86 Drilling at 780' w/native mud. *cy*
- 09-25-86 Drilled to 930'. Circulated 1 hr. Pulled bit. Ran 910' (22 jts.) 8-5/8", 23 lb/ft casing. Cemented with 300 sx PaceSetter Lite w/2% CaCl<sub>2</sub> and 200 sx Class "C" w/2% CaCl<sub>2</sub>. Circulated 75 sx. WOC-18 hrs. NUBOP's.
- 09-26-86 Drilled out w/7-7/8" bit. Drilling at 1450'.
- 09-27-86 Drilling at 2170'.
- 09-28-86 Drilling at 2670'.
- 09-29-86 Drilling at 3350'. Prep to mud up at 3550'.
- 09-30-86 Drilling at 3605'. Mudded up with salt gel and 4% diesel. MW 9.8#/gal 17 cc water loss. 40 viscosity.
- 10-01-86 Drilling at 3805'. MW - 10 lb/gal. Vis - 35. WL - 17. Oil - 4%.
- 10-02-86 Drilling at 4090'. 5-8 min/ft. MW - 10.1 lb/gal. WL - 14. Vis - 35. Oil - 4%. 2% - solids.
- 10-03-86 TD at 4200'. Raised Vis to 40 and circulated for 2 hrs. Pulled drill pipe. Logged w/Schlumberger CNL-LDT-DLL. Conditioned hole, prep to run 4-1/2" casing.
- 10-04-86 Ran 4115' of 4-1/2", 10.5 and 11.6 lb/ft, used casing. Rigged up Halliburton and cemented w/380 sx Class "C" w/5 lb/sx Salt, .3% Halad-4 and .2% CFR-3. Preceded cement with 500 gals. Flo Check and 500 gals. Mud Flush. Plug down at 10:00 p.m. 10-03-86. Released rig.
- 10-13-86 Rigged up pulling unit (R&O). Ran Dresser CBL. Perfed 3838,39, 3840,41,42,43,44,45,46 w/1 JSPF 9 holes total. Ran tbg in hole to 3850'. Shut down overnight.
- 10-14-86 Spotted 1000 gals 7-1/2% NEFE acid. Pulled tbg out of hole. Fraced down 4-1/2" casing with 30,000 gals. gelled KCL water with 365 sx 20-40 and 80 sx 12-40 sand. Avg rt - 26 BPM. Avg psi - 1450. ISDP - 920. 5 min - 710. 10 min - 660. 15 min - 630. 4 hrs - 0. Nipped up wellhead. Perfed 3702,03,04,05 w/1 JSPF 4 holes total; 3721,23,24,25,26 w/1 JSPF 5 holes total; 3730,31,32,33 w/1 JSPF 4 holes total. Ran Howco RBP to 3800'. Shut down overnight.
- 10-15-86 Tested RBP to 2500 psi. Spotted 1 bbl acid across perfs 3702-3733. Set packer at 3650'. Broke down perfs at 400 psi. Acidized w/1500 gals 7-1/2% NEFE acid and 20 balls. Balled off w/18 balls. ISDP - 500 psi. Pulled tubing and packer. Fraced down casing with 45,000 gals gelled KCL water with 500 sx 20-40 and 160 sx 12-20. Avg rt - 36 BPM. Avg psi - 1900. ISDP - 1000. 5 min - 830. 10 min - 770. 15 min - 740. Waited 4 hrs for gel to break. Pulled RBP. Ran tubing open-ended to 3685'. Nipped up wellhead. Shut down overnight.
- 10-16-86 Swabbing back frac load. 1750 bbls load to recover. Swabbed 150 bbls and kicked off flowing with 100 psi on a 3/4" choke. Unloading lots of frac fluid. Left open to pit overnight.

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10-17-86 Flowing 320 psi on 1/2" choke. 520 psi casing. Est.  
2000 MCFD. Still very heavy mist. Left open overnight.

10-18-86 FTP - 320. CP - 520. Flowing very heavy mist.

10-19-86 FTP - 350. CP - 580. Shut-in at noon.

10-21-86 SITP - 900. SICP - 900. Blew down for 2 hrs w/a very heavy mist.  
FTP - 380. CP - 800.

FINAL REPORT