



McCLELLAN OIL CORPORATION  
Tyrell Com #2  
1980' FNL & 1980' FEL  
Sec. 13-T10S-R25E  
Proposed TD: 4700'  
Chaves County, NM  
Elevation: 3775' G.L.

- 11/29/84: Spudded at 4:00 p.m. mountain daylight time.
- 11/30/84: Drilling at 860'. Fishing for collar.
- 12/01/84: Set 900' of 8-5/8" 24 lb/ft casing. Cemented w/ 300 sx Pacesetter Lite and 250 sx Class C w/ 2% CaCl<sub>2</sub>. Did not circulate cement. One inched w/ Class C w/ 2% CaCl<sub>2</sub>.
- 12/02/84: Drilled out w/ 7-7/8" bit. Lost circulation from 1003' w/ only 50% returns.
- 12/03/84: Set 1-100 sx plug and lost circulated zone from 1003 to 1018. Set 100 sx plug Class C w/ 2% CaCl<sub>2</sub>. Drilled out cmt at night. Plug not holding. Set 2nd plug at 1:00 a.m. this morning. Present Operation-drilling out plug.
- 12/04/84: Drilled out cement w/ 80% returns. Ran SV-EZ drill to 850'. Squeezed w/ 100 sx Class C w/ 6% gel, 1000 gal Flo Check, and 100 sx Class C w/ 3% CaCl<sub>2</sub>. Present Operation-WOC.
- 12/05/84: Drilling at 1475'. No loss circulation drilling ahead.
- 12/06/84: Drilling at 1850'.
- 12/07/84: Drilling at 2730'.
- 12/08/84: Drilling at 3480'.
- 12/09/84: Drilling at 3950'.
- 12/10/84: Drilling at 4300'. Mud wt-9.5 lb/gal, vis-40, and water loss-20. Losing about 7 BBLs/hr into lost circ. zone at 1100'.
- 12/11/84: Drilling at 4520'. Mud wt-9.6 lb/gal, vis-34, and water loss-20.
- 12/12/84: Logged w/ Dresser CNL-FDL-DLL. Prep to run 4-1/2" casing.
- 12/13/84: Ran 4562' of 4-1/2", 10.5 lb/ft new casing (109 jts). Short joint at 4000'. Cemented w/ 380 sx Class C, 50/50 Poz w/ additives, preceded by 500 gal Mud Flush and 500 gal Flo Chek 21. Bumped plug at 2:00 p.m. Released rig.
- 12/17/84: Ran Cement Bond Log.
- 12/18/84: Perfed at 4257', 58, 59, 60, 4271, 72, 73, 74, 75, 4375, 76, 77' w/ 12 holes, .50" diameter. Ran tbgs to 4380', spotted 2 BBLs acid. Broke down 4375-77 at 1200 psi. Broke down 4257-4275 at 1100 psi. Acidized 4257-4375 w/ 1500 gal 10% Spearhead at 3.5 BPM at 2000 psi. Balled out w/ 15 balls. ISIP-600, 5 min-500, 15 min-300. Swabbed back load.
- 12/19/84: SITP-600 psi. Blew down w/ good show of gas. Swabbed w/ 1st fluid at 1000' from SN. Pulled pkr; ran tbgs open-ended to 4183. Swabbed dry.
- 12/26/84: Tbg Psi-920. Csg Psi-960. Flowing back 50# on 1/2" choke. Pulling tbgs. Rigging up Western's head. Will frac tomorrow.
- 12/27/84: Fraced well using 30,000 gal gelled 2% KCL water-total, 260 sx 20/40 sand. Dropped 5 balls halfway through job; got 1600 psi increase. Finished job on 1#/gal on formation. ISIP=800 psi, 5 min-650 psi, 15 min-600 psi. Started flowing back well at 1:30 p.m. Ave Rt-24.5 and Ave Treat Psi-1st Stage=2200 psi, 2nd Stage=3650 psi.
- 12/28/84: Flowing 120 psi on a 1/2" choke.
- 12/31/84: Tbg Psi-900# and Csg Psi-900#. Flowed well down. Flowing 300# on 1/2" choke - 1,969 MCF. SI for 4 point. Tbg at 4215'.