

Light Hole!

McCLELLAN OIL CORPORATION

Exxon Fed. No. 2  
990 FNL & 660 FWL  
Sec. 28-T16S-R29E  
Eddy County, New Mexico

Elevation: 3635' G.L.  
Proposed TD: 2030'

- 01/29/86: Built location & road. Moving in Salazar rig #1.
- 01/30/86: Prep to spud.
- 01/31/86: Set 13-3/8" conductor at 10'.
- 02/01/86: Spud w/12-1/4" bit. Drilling w/air.
- 02/02/86: TD at 300'. Ran 8-5/8" csg. to 295'. Cemented w/Western using 200 sx Class "C" 2% CaCl<sub>2</sub> and 1/4 lb. Flocele. Plug down at 5:30 p.m. Circulated 20 sx. NU BOP's WOC - 18 hrs.
- 02/03/86: Drilling out at 08:00 a.m. w/7-7/8" bit.
- 02/04/86: Drilling at 1130' w/air. Drilling 1/2 min/ft.
- 02/05/86: Drilling at 1920' as of 8:00 a.m. Will TD well at 2020' and clean hole. Prep to log.
- 02/06/86: TD at 2020'. Logged w/Dresser CNL-CDL. Shut down overnight, will run casing 2-6-86.
- 02/07/86: Ran 2020', 5-1/2" 14 lb/ft casing. Cemented w/380 sx Class "C" w/2% CaCl<sub>2</sub> and .2% CFR-3. Cement bridged off w/approximately 1/2 of cement in place. Tried to break bridge w/no success. Shut down. Released drilling rig. Left approximately 1600' of cement in casing.
- 02/10/86: Rig up Reverse Unit. Tagged cementing plug at 284', drilled plug at 284', drilled plug and cement to 313'. Tripped for Blade Bit. SION
- 02/11/86: Started drilling after lunch. Drilled to 700', drilling 1-1/2 min/ft.
- 02/12/86: Drilled to 1500'.
- 02/13/86: Prep to run Cement Bond Log.
- 02/14/86: Ran Cement Bond Log. Top of cement at 1050'. Perfed 1880, 81,82,83,84,87,88,89, w/8 shots; 1922,23,24,25,31,32,33,35 w/8 shots. Acidized w/1250 gals NE acid. Avg rate 8 BPM @ 1900 lbs. Balled out w/24 balls. ISDP - 900 psi, 10 min 800 psi. Fraced w/30,000 gals gelled water, 17,500 lbs 20/40 and 22,500 lbs. 12/20. Avg. rate 32 bbls/min at 1850 psi, ISDP 1300, 15 min 1175. SION to allow gel to break. Well on vacuum this morning.
- 02/15/86: Well on vacuum. Ran tubing to 1890' and started swabbing. Swabbed approx. 130 bbls frac fluid w/1% oil show. SION.
- 02/16/86: SITP - 30, SICP - 100. Swabbed estimated 70 bbls frac load w/5%-10% oil cut. BLWTR - 500 SION.
- 02/17/86: SITP - 90, SICP - 250. Flowed 5 bbls fluid w/1 bbl of oil. Swabbed til noon. Swabbed estimated 19 bbls in 5 hrs w/10%-20% oil cut. SION Swabbed down to 200' from seat nipple.
- 02/18/86: SITP - 225, SICP - 275. Fluid level at 1500' from surface. Swabbed 20 bbls w/10% oil cut. Rigged down pulling unit. Rig up swabbing unit. SION

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- 02/19/86: SITP - 10, SICP - 275. Fluid level at 1300'. First swab - 100% oil. Swabbed approx. 20 bbls w/last swab 30% oil. SI Will put on pump.
- 02/21/86: Put on pump.
- 02/22/86: Pumped 18 B0 & small amt. of gas. Bleeding water into pit.
- 02/23/86: Pumped 5 B0 & a small amt. of gas.
- 02/24/86: Pumped 3 B0 & a small amt. of gas.
- 02/25/86: Pumped 5 B0 & a small amt. of gas. Water production is decreasing.
- 02/26/86: Pumped 3 B0 & a small amt. of gas.
- 02/27/86: Pumped 3 B0.

FINAL REPORT