

McCLELLAN OIL CORPORATION "SU" FEDERAL NO. 1
Sec. 9-T9S-R25E, 1980' FNL & 860' FWL
Proposed TD 4310', Elevation 3650'
Chaves County, New Mexico

- 8/09/84: Set 40' of 14" Conductor, cannot move rig in due to weather.
- 8/12/84: Move in WEK Rig #3, spud with 12- $\frac{1}{4}$ " bit.
- 8/13/84: Drilling at 565' in Red beds.
- 8/14/84: TD at 905' in line. Ran 903' (21 jts.) 8-5/8" 24 lb/ft new casing. Cemented with 350 sx Pacesetter Lite w/ 2% CaCl₂ and 1/4 lb/sk Cello Seal and 200 sx Class "C" w/ 2% CaCl₂. Circulated 100 sx cement. WOC-18 hrs. N.U. BOP's.
- 8/15/84: Drilling at 1450'.
- 8/16/84: Drilling at 2715'.
- 8/17/84: Drilling at 3566'.
- 8/18/84: Drilling at 3950' in Abo. MW-9.8 Vis-40 WL-15.
- 8/19/84: TD at 4310'. Ran 1st Log to 4150'. Could not get down. Tripped bit and conditioned hole.
- 8/20/84: Logged from 4310' to surface with Dresser Atlas. Ran CNL/FDC/DLL/MSFL. Layed down Drill Pipe.
- 8/21/84: Ran 4330' [73 joints (3081') 9.5 lb/ft J-55 casing on bottom, 31 joints (1249') 10.5 lb/ft casing on top] 4 $\frac{1}{2}$ " J-55 casing. Cemented w/ 400 sks Class C, 50/50 Poz w/2% gel, .3% CFR-2, .3% Halad-4, 3 lb/sk Salt preceded by 500 gal Mud Flush and 500 gal Flo-Chek 21. Plug down at 9:00 a.m. 8/20/84. Nippled up wellhead. Release Rig. No further Reports until Completion is attempted.
- 9/17/84: Rig up pulling unit. Ran cement bond log. Drilled out 20' of cement fill. Perfed 4223', 24, 25, 26' w/ 2 JSPF w/ 8 holes total. Ran packer to 4220' and shut down.
- 9/18/84: Spotted 1 BBL acid. Set Packer at 4140. Acidized w/ 1000 gals 15% DS-30 and 15 ballsealers. Broke down at 1800 psi. Ave Rt - 3 BPM at 2100 psi. Balled out to 3500 psi w/ 15 balls. ISDP-800 10 min-800. Flowed back load until dead, swabbing back load.
- 9/19/84: Set CIBP at 4190'. Perforate 4050', 51, 52, 53, 54' w/ 2 shots/ft, 10 holes total, .50" Bullet Gun. Tested CIBP to 2000 psi. Spotted 1 BBL acid at 4055' and broke down perfs at 800 psi. Acidized perfs w/1000 gals 7-1/2% Spearhead acid. Balled zone off. Ave Injection Rt-3.0 BBLs/min at 1500 psi. ISIP-1100 psi, 5 min-350 psi, 10 min-100 psi, 15 min-0 psi (No Vacuum). Swab acid load w/ good show of gas.
- 9/20/84: SITP-940 psi. Opened well w/ fluid to surface in 10 min. Flowing tbg press-10 psi. 30 min SITP-670 psi. Prep to frac.
- 9/21/84: Pulled packer out of hole. Frac with Western using 20,000 gal 30# 2% KCL H₂O using 15,000# 20/40, 4500# 12/20. 600# J-2, 300# Aqua Seal, 20 gal Aqua Flow, 20# B-11, 3300# KCL. Ave Treat psi = 2600 psi. Rate = 22 BBLs/min. ISDP-1600# 15 min 800#. Shut in till 8:00 p.m. Opened well, well on vacuum.
- 9/22/84: Ran tbg to 4005'. Pedco started swabbing back load at 10:00 a.m.
- 9/23/84: Well kicked off flowing frac load back. Flowing 300 psi on 1/2" choke with some mist.
- 9/24/84: SITP-1000 psi. SICP- 1000 psi. Flow tested, approx 2000 MCFD. SI. Will 4 point 9/27/84.

McCLELLAN OIL CORPORATION "SU" FEDERAL #1
Sec. 9-T9S-R25E, 1980' FNL & 860' FWL
Proposed TD 4310', Elevation 3650'
Chaves County, New Mexico

9/27/84: Ran 4 point: 1st flow - 640 MCF at 798 psi
2nd flow - 862 MCF at 585 psi
3rd flow - 1031 MCF at 345 psi
4th flow - 1111 MCF at 209.2 psi
CAOF - 1209 MCFD

SI. No Further Reports.