



McCLELLAN OIL CORPORATION BEAVERS FEE NO. 2
760' FSL & 1980' FEL Proposed TD 4400'
Chaves County, Sec. 35-T8S-R25E
Elevation: 3531' G.L.

- 5/09/84: Set 60' of 14" conductor pipe.
- 5/10/84: Move in WEK Rig #3 and prep to spud.
- 5/11/84: Spudded with 12-1/4" bit.
- 5/12/84: Drilling at 600' with 90% returns.
- 5/13/84: TD at 900'. Ran 900' 8-5/8" 24 lb/ft new casing. Cemented with 350 sx Pace Setter Lite with 2% CaCl₂ and 200 sx Class "C" with 2% CaCl₂. Circulated 100 sx. WOC - 18 hrs. NU BOP's. Tested to 1000 psi for 1 hr. Drill out with 7-7/8" bit.
- 5/14/84: Drilling at 1218' with fresh water, 30 ft/hr.
- 5/15/84: Drilling at 2260' with fresh water.
- 5/16/84: Drilling at 2870'. Made trip for bit #2.
- 5/17/84: Drilling at 3450', will mud up about noon.
- 5/18/84: Drilling at 3880'. Mud wt. 9.8, WL 17, Vis 37.
- 5/19/84: Drilling at 4090'. MW 9.8, WL 15, Vis 40.
- 5/20/84: Drilling at 4250'.
- 5/21/84: Drilled to 4280'. Ran Schlumberger CNL-LDT/DLL. Ran 4269' of 4-1/2, 10.5 lb/ft Casing. Cemented with 400 sx of Class "C", 50/50 Poz with .6% CF-9, .2% TF-4, 6 lb/sx Salt. Plug down at 1:55 a.m. Release Rig.
No further reports until completion is attempted.
- 5/22/84: Temperature survey - TOC-3100', PBTD-4211'.
- 6/01/84: Rif up Unit.
- 6/04/84: Run Dresser Bond log, and Correlation log. Perfed from 4067', 68, 68½, 69, 70, 71, 82, 83, 84, 4104, 04½, 05, 4131, 32, 33, 37, 38 - 17 holes. Ran packer and plug on 2-3/8" tubing to 4150' SION.
- 6/05/84: Set BP at 4161' pull packer to 4150' spotted 2 BBLs Acid over perfs pull and set packer at 4115' - breakdown at 1450' psi. Drop a total 16 Balls at 2 balls every 2 BBLs. Communicated after 3 sets were on. Pulled Packer to 3961'. Started Acid dropped 8 balls first drop then 4 balls every drop. Balled off to 5000 psi. Released psi, pumped at 3100 psi at 6.5 BPM. Flushed all. ISIP = 1250, 5 min. = 900, 10 min. = 800, 15 min. = 700 psi. Total Acid used 2000 gals.
- 6/06/84: Tubing psi 10#. Flowed no gas, started swab in hole: fluid level at 1100' from surface, first run 2000' of Acid fluid, slight show of gas. Second run F.L. at 3000'. Third run swabbed dry 1000' F.L. Fourth run 200' Acid water. Fifth run slight gas show 100' of Fluid. Pulled packer and plug out of hole frac down casing 900 BBLs. Gelled 2% KCl water 3825# 20/40 sand. Average rate 56 BPM. 3600 psi treating psi. ISIP 2000 psi, 5 min. 1100 psi, 10 min. 1000 psi, 15 min. 950 psi. Wait 3½ hrs. before flow back.
- 6/07/84: Rig down pulling unit, rigged up swab unit - flowed back approximate 300 BBLs of Frac fluid, swabbed back 285 BBLs of fluid with slight show of gas.
- 6/08/84: Swabbed back total of 186 BBLs Frac fluid.
- 6/09/84: Tubing psi = 0. Swabbed well dry by noon. Swabbing 1 BBLs of fluid every hour. Shut well in during Sunday.