



McCLELLAN OIL CORPORATION
Big Mac Federal No. 1
3300' FEL & 660' FNL
Sec. 19-T16S-R29E
Eddy County, NM
Elevation: 3597' G.L.
Proposed TD: Re-Entry to 2100'

- 08/15/85: Rig up Cable Tool. Start Re-entry.
- 08/16/85: Drilled out and cleaned out hole to 1050'. Had show of gas at surface after drilling plugs.
- 08/17/85: Drilling cement.
- 08/18/85: Shut down.
- 08/19/85: Cleaned out to 1450'. Cannot get below 1450' due to either junk or hole is reduced.
- 08/20/85: Drilled 40' cement plug.
- 08/21/85: Drilled through cement @ 1500'. Went to 1690' and encountered cement plug. Present Operation - Drilling on cement plug.
- 08/22/85: Cleaned out to 2100' through very heavy mud. Approx 800' of fluid in the hole. Prep to log and run pipe in morning.
- 08/23/85: Logged well w/ Dresser Atlas. Ran 45 jts of 4-1/2", 10.5# csg to a total depth of 1871.44'. Cmted csg using 50 BBLs of gel water ahead, 135 sx Halliburton Lite (no add), 65 sx Class "C" 50/50 poz, .2% CFR-3, .2% Hallad 4, 6# salt, 2% CaCl. Plug down @ 5:00 p.m. PBTd=1829'. Set slips cut off csg, weld 4-1/2" bell nipple on. No further report until completion.
- 08/27/85: Rigged up completion tools. Prep to perf. Rig up Bell Petroleum. Run in hole. Ran Gamma Ray Compensated and Cement Bond Logs. Run in hole w/ 3-1/8 perf gun. Perf at 1683', 84, 85, 86, 88, 89, 92, 97, 98, 99' w/ 2 JSPF (20 holes). Run in hole w/ Maypole Packers to 1710'. Spotted 1 BBL 15% MCA acid. Pulled pkr to 1623'. Broke down perfs @ 1400 lbs. Open by-pass. Spotted acid to end of tbg. Pumped 500 gal of 15% MCA acid, dropping a total of 15 balls. No ball action. Ave Rt-2-3/4 BBLs/min @ 1500 lbs. Flushed to top of perf. ISIP= 1100 psi, 5 min=1000 psi, 10 min=900 psi, 15 min=800 psi. Flowed back acid load for 5 min. Swabbed back acid load. Total rec=500 gal acid and 7-1/2 BBLs flush. Saw a very slight show of oil on acid rec. Shut in.
- 08/28/85: Tbg psi-110#. No FL and no oil. Swabbed well w/ slight oil show. Prep to frac.
- 08/29/85: SITP-100 psi. Frac down tbg @ 10 BBLs/min w/ 20,000 gal gelled water and 165 sx 20-40 and 150 sx 10/20 sand. Ave press-1700 psi, ISIP-1190 psi, 15 min-1120 psi. SION to allow gel to break.
- 08/30/85: SITP-250 psi. Bled down to pit for 1 hr. Started swabbing. Swabbed approx 100 BBLs frac load back and started getting good gas show. Left open overnight. Swabbed estimated 150 BBLs. 350 BLWTR.
- 08/31/85: Did not flow overnight. Swabbed approx 100 BBLs, FL approx 300-400' from seat nipple, good gas show, slight oil show. 250 BLWTR.
- 09/01/85: Swabbed 1/2 day w/ slight increase of oil show. Swabbed approx 50 BBLs. 200 BLWTR.
- 09/02/85: SD for holiday.
- 09/03/85: Swabbed 10 hrs. Swabbed 21-3/4 BBLs oil, 6-1/2 BBLs water. 195 BLWTR.
- 09/04/85: Pulled pkr. Ran tbg and seat nipple to 1717'. Rigged up swab and swabbed approx 30 BBLs water off backside. SION. 165 BLWTR.
- 09/05/85: SITP-0. SICP-450. Flowed to tank for 30 min. Produced 6 BBLs oil. Started swabbing. FL @ 150' from seat nipple. SD. Will run rods and pump tomorrow. Swabbed 10 BBLs oil and 2 BBLs water in 8 hrs. 163 BLWTR.