

McClellan Oil Corporation
Penjack Fed. #2
Sec. 12-T10S-R25E
660' FSL & 1980' FEL
Chaves County

- 3/31/87: Move in WEK Rig #1. Spudded well with 12- $\frac{1}{4}$ " bit at 8:00 am. Lost circulation at 35'. Pulled out of hole, reamed hole with 17 $\frac{1}{2}$ " bit and drilled to 86'. Ran 74' (4 joints) of 13-3/8", 54.5 lb casing. Cemented using Halliburton with 100 sx Class C 3% CaCl. Circulated 20 sx. WOC
- 4/1/87: Drill cement & insert float.
- 4/2/87: Drilled to 900' with 12 $\frac{1}{4}$ " bit. Ran 895' of 8-5/8" 24 lb. casing. Cemented with 250 sx Halliburton Lite 2% CaCl & 200 sx Class "C" 2% CaCl. Plug down at 2:00 pm. Circulated 100 sx. WOC
- 4/3/87: Drilling at 1260'.
- 4/4/87: Drilling at 1950'.
- 4/5/87: Drilling at 3100'.
- 4/6/87: Drilling at 4100'. Mudded up with 36 Vis, 9.2 MW, 11 WL, 5% diesel.
- 4/7/87: Drilling at 4290'. MW - 9.8, Vis - 36, WL - 10, 5% diesel.
- 4/8/87: Drilling at 4612'. MW - 9.9, Vis - 40, WL - 14, 4% diesel.
- 4/9/87: TD hole at 4710'. Conditioned hole for 3 hours. Logged with Schlumberger CNL-LDT-DLL. Prep to run 4 $\frac{1}{2}$ " casing.
- 4/10/87: Ran 4658' (110 joints) of 4 $\frac{1}{2}$ ", 9.5 lb casing. Cemented with Halliburton using 250 sx 65/35 Poz with additives. 1" between 8-5/8" & 4 $\frac{1}{2}$ " with 250 sx at 1550' to surface. Circulated 15 sx.
- No further reports until completion is attempted.
- 4/13/87: Rig up pulling unit. Ran tubing to 4425'.
- 4/14/87: Spotted 1000 gals. 10% NEFE acid. Pulled tubing. Perfed 4381,83,85, 87,89,91,92,93,95,97,4401,02,03,4410,11,12,4420,21 with 18 shots total. Frac treated down 4 $\frac{1}{2}$ " casing with 40,000 gals. gelled 2% KCL water at 40 BPM with an average WHTP of 2100 psi with 50,000 lbs 20-40 sand & 20,000 lbs 12-20 sand. ISIP - 860, 5 minutes - 540, 15 minutes - 400. SI overnight.
- 4/15/87: Well on vacuum this am. Tagged sand 20' above top perf. Washed sand to 4470'. Set tubing at 4361' with 141 joints in hole. Nippled up well head. Swabbing back frac load. 1000 BLWTR. Swabbed 130 BLW in 6 hours.
- 4/16/87: SITP - 0, SICP - 0. Swabbed 40 bbls load water. Well kicked off flowing. Left open to pit flowing 100-150 psi on $\frac{1}{2}$ " choke.
- 4/17/87: Well flowing light mist. FTP - 125 psi on $\frac{1}{2}$ " choke. Estimated 800 MCFD. Shut-in. Have contacted Enron to test well next week.
- 4/29/87: Enron flow tested well. Achieved a stabilized flow rate of 1218 MCF in 24 hours. Calculated AOF = 1600 MCFD. Shut in. We will lay line & connect well this week & will place in production after May 1st.