

McClellan Oil Corporation  
Toles Fed. No. 4  
Sec. 15-T8S-R23E  
2220' FSL & 815' FEL  
Chaves County

- 6/18/87: SITP - 500. Blew down with good gas show. FL 2100' from surface. Pull tubing, packer & bridge plug. Frac down casing at 55 BPM with 50,000 gals. 30 lb/gal. gelled KCL water. Total sand used - 80,000 lbs of 20/40. Average treat psi - 2450. ISIP - 1340, 5 minutes - 1100, 10 minutes - 1070, 15 minutes - 1050. Shut well in overnight.
- 6/19/87: SIP - 500. Flowed well down to pit. Ran tubing past perf. Pulled tubing to 3140' & flanged up head. Rig down pulling unit & rig up swab unit. Swabbing frac load back. Swabbed 200 BLW. Left open overnight.
- 6/20/87: FTP - 0, CP - 560. Swabbed 200 BLW with good gas show. Left open.
- 6/21/87: FTP - 0, CP - 1000. Pulled 1 swab; well kicked off flowing. Rig down swab unit.
- 6/22/87: FTP - 30 to 40 psi on 3/4" choke. Unloading a lot of water. CP - 260. Left open. Recovered 700 bbls load water to date.
- 6/23/87: FTP - 20 psi on 3/4" choke. CP - 200. Still flowing lots of water. Shut-in.
- 6/24/87: SI waiting on buildup.
- 7/1 to 7/3/87: Ran production test against back pressure:  
Produced 30 MCF against 350 psi B.P.  
Produced 10 MCF against 150 psi B.P. and produced 65 BW in 24 hours.  
Shut in for 72 hour buildup. 0 hour - 555.7 psi, 72 hour - 870.7 psi.
- 7/28/87: Rig up pulling unit. Pull tubing out of hole, ran R-4 packer back in. Ran packer to 3450, pull to 3181'. Set packer & flanged up. Swab down tubing, swabbed 75 bbls. Slight show of gas. FL stabilized at 800'. Left open overnight. SICP - 710.
- 7/29/87: CP - 890. FL in tubing 2600' from seat nipple. After 5 swab runs, static FL 1200' from seat nipple. Small amount of gas. Pull R-4 out of hole. Rig up Schlumberger; correlate & perf 3369-3398 and 3400-3404, 11 holes, .38". Ran in hole with 4½ RTTS to 3410'. Spotted 1.5 bbls of 15% NE acid. Pulled packer to 3311'. Set & broke down perfs. Acidized with 2500 gals. 10% NEFE acid and balls. Breakdown - 1400 psi, average rate - 3.8 BPM, average psi - 2000, ball off - 5500 psi. ISIP - 1500 psi, 5 minutes - 1450, 10 minutes - 1430, 15 minutes - 1400. Flowed well to pit. Approximately 30 bbls. Swabbed well. Approximately 35 bbls. Shut well in.
- 7/30/87: 460 psi on tubing. Good show of gas. Fluid level - 1500' from surface. Swabbed well down after 5 runs. Good show of gas. Swab until noon. SION
- 7/31/87: SITP - 300. FL at 1000' from SN. Swabbed dry in 2 runs. Swabbed 200' of fluid every 30 minutes. Shut down for buildup.
- 8/2/87: TP - 840.
- 8/3/87: TP - 850, CP - 810. Bled pressure off tubing. FL 1000' from seat nipple - scattered. Swab dry in 2 runs.
- 8/7/87: TP - 840, CP - 910.
- 9/10/87: SITP - 1100, SICP - 1000. Bled down tubing. Casing pressure stayed at 1000. Rigged up to frac down tubing. Frac lower zone 3369-3404 with 4000 gals. 15% HCL acid and 10,000 gals. Versagel 1300 at 10 BPM at average psi of 2800 carrying 10,000 lbs. 20-40 sand. ISIP - 2030, 15 minutes - 1940. Shut in overnight.
- 9/11/87: SITP - 1700 psi. Flowed back frac load for 4 hours. Swabbing back load with slight gas.