

McCLELLAN OIL CORPORATION LEEMAN FED. #2
Section 12-T9S-R25E
660' FSL & 660' FEL
Chaves County, New Mexico
Elevation: 3690' G.L.

- 1/15/83: TP - 150#. Swab well, pulled 20 bbl. fluid, well making gas and frac fluid. Swabbed well dry. SI for Sunday.
- 1/16/83: SI
- 1/17/83: TP - 485#, 1500' of fluid. Present operation: swabbing gas cut fluid.
- 1/18/83: TP - 500 psi, CP - 720 psi. Blew down to pit for approximately 1 hour. Unloaded approximately 20 bbl. Ran swab 100-150' of scattered fluid. Pulled tubing and ran tubing and Model R to 4190' Acidized with 6000 gal. 10% HCL with 30 gal. XR2L, 12 gal. foam X, 30 gal FS₂ and 30 gl. CS3 with 1000 standard cubic foot per bbl. N₂.
Min Psi - 4600
Mac Psi - 5000
Average - 4900
Avg. injection rate - 6½ bbl/min
Max - 8 bbl/min
Min - 4.1 bbl/min
ISDP - 1950 flowing back acid load.
- 1/19/83: Well flowing gas and small amount of fluid. Swabbing approximately 500 to 700' of frac fluid with good show of gas. SION
- 1/20/83: TP - 960 psi. Blew down well to pit. Stabilized at 20 psi on ½" choke. Continued swabbing 100-200' of frac fluid every 15 min. SION
- 1/21/83: Swabbed 15 bbl. fluid. SI for weekend.
- 1/22/83: SI
- 1/23/83: SI
- 1/24/83: TP - 950 psi, CP - 900 psi. Flowed down, recovered 9-10 bbl. fluid on ½" choke, stabilized at 40#.
- 1/31/83: 920# on casing and tubing. Started flowing on ½" choke. CP - 250#, TP - 30#.
- 2/04/83: Ran Dummy stage with 4000 gals 10% Spearhead & 10,000 gals gelled KCL water. Avg. rate - 19 BPM, Avg psi - 3200 psi. Will reperforate zone.
- 2/05/83: Perforated 4256, 57, 58, 60, 26, 64, 66, 68, 70, 72, 74, 76, with 2 JSPF, total 24 shots. Spotted 2000 gals 10% Spearhead across perfs. Ran Dummy stage. Avg. Rate - 19 BPM, Avg. psi - 3200 psi, ISIP - 2200 psi. Swabbing back acid load.
- 2/06/83: Swabbing, good show of gas.
- 2/07/83: CP - 350 psi, TP - 325 psi. Present operation - swabbing.
- 2/08/83: Swabbing back load water. Good show of gas. SION
- 2/09/83: TP - 850 psi, CP - 850 psi. Swabbed well. RD. SI for pressure build up.
- 2/12/83: Flowed for 4 hours on ½" choke. Stabilized at 10 psi. SI
- 2/22/83: RU Pulling unit. Perf 4324, 26, 28, 32, 34, 36, 37 w/ 1 JSPF. 7 holes total. Ran packer to 4293 and set. Swab tbgs. dry. SION.