

McCLELLAN OIL CORPORATION COYOTE DRAW FEDERAL COM #4

660' FNL & 660' FEL, Section 31-T7S-R25E
Chaves County, New Mexico
Elevation 3702' G.L.

AUG 12 1983

O. C. D.
ARTESIA, OFFICE

- 4/26/82: Set Model R at 3624'. Pressure Annulus to 500 psi. Re-Acidized perms with 5000 gals 15% MCA acid using 2 "blocks" consisting of 300 lbs. Benzoic acid Flakes and 300 lbs of Rock Salt and 1 block with 100 lbs. each of rock salt and benzoic acid. Initial injection rate - 5 BPM at 100 psi.
1st Block - 1500 psi increase to 2000 psi.
2nd Block - 1000 psi increase to 3000 psi. Broke back to 2700 psi.
3rd Block - 500 psi increase to 3200 psi. ISIP - 800 psi. 15 min. - 400 psi. Ave. Rate - 4.4 BPM
Swabbing back acid load. Swabbed back estimated 100 bbls. Load to recover 66 bbls. Left well open overnight to pit with good blow.
- 4/28/82: TP - 150#. Ran 1 swab - 1200' fluid. Well kicked off. FTP - 35-40 psi on $\frac{1}{2}$ " choke. Well loaded up with fluid. Swab estimated 1000' every 30 min. Good gas to surface. SION
- 4/29/82: TP - 40 psi. Had 1500' fluid, from SN up. Pulled swab, well kicked off, flowed 35# wide open. Making a little fluid. Swabbing every 30 min.
- 5/02/82: After 48 hours of shut in tubing, had 525 psi. Open to pit, flowed gas and H₂O. PSI dropped to zero; then built up to 25# flowing wide open, couldn't get swab in hole. Will continue to swab on well.
- 5/07/82: Hooked up air compressor, blew air, recovered 40 bbl. fluid. SION.
- 6/07/82: TP - 850 psi. CP - 850 psi. Blew well down in 45 min. on 3/4" choke. Well stabilized. CP - 175#, TP - 100#. No water.
- 1/31/83: Rig up pulling unit. Killed well with 50 bbls. 2% KCL water. Pulled tubing. Reperforated 3681, 83, 94, 95, 96, 97, 98, 99, 3701, 02 with 1 JSPF. Fraced down casing with 50,000 gals. gelled 2% KCL water and 45,500 lbs. 20/40 sand. Initial Injection Rate 50 BPM at 3000 psi. Ran 20000 gals. with 20,000 lbs. 20/40 sand. Ran 400 lbs block with 600 psi increase. Ran additional 20,000 gal. with 25,500 lbs. 20/40 sand and pressure increased to 4000 psi at 25 BPM. Could not place any more sand into formation.
ISIP - 1360
5 min. - 900
10 min. - 750
15 min. - 730
Shutin 4 hours and flow back.
- 2/01/83: Well shut in overnight. CP - 250 psi. Flowed well to pit for 2 hours. Ran tubing to 3624'. Swabbing back frac load. Recovered 140 bbl. frac fluid.
- 2/02/83: CP - 20 psi. Present operation - Swabbing back frac load.
- 2/03/83: Swabbed well until noon. RU air compressor, flowing back frac load. Prep to RD pulling unit.
- 2/04/83: Jetting back frac load. Estimated load recovered - 450 bbl. in 24 hrs. Slight show of gas.
- 2/05/83: Jetting back frac load. Unloading approximately 6 BPH. Estimated total load recovered - 830 bbls.
- 2/06/83: SI