

RECEIVED

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

NOV 04 '87

O. C. D.  
ARTESIA OFFICE

- 5/11/87: Building location. Should move Grande Rig #1 in 5/13/87.
- 5/12/87: Drilled 30' of 12 $\frac{1}{4}$ " starter hole, rathole & mousehole. Moving in rig.
- 5/13/87: Depth - 931'. Spudded 12 $\frac{1}{4}$ " hole at 5:00 pm on 5/12/87. Deviation survey -  $\frac{1}{2}^{\circ}$  at 501'. Bit #1 - 12 $\frac{1}{4}$ " Reed FP62. Made 901' in 14 $\frac{1}{2}$  hours. TD surface hole at 7:30 on 5/13/87. Pump 200 bbls LCM pill. Started tripping out of hole. Breakdown: drilling - 14 $\frac{1}{2}$  hours, pump pill  $\frac{1}{2}$  hour.
- 5/14/87: Drilling at 1004' with fresh water. Made 74' in 1-3/4 hours. Finished tripping out of hole, run in hole with 20 joints of 8-5/8", 23 lb, J-55 casing (908'). Set at 921'. Cement with 150 sx Class C with 3% CACL & 150 sx Pacesetter Lite C with 4% CACL. Plug down at 12:15 pm 5-13-87. Did not circulate cement. WOC - 4 hours. Ran temperature survey. Survey indicated 550'+. Run in hole with 1" cobe pipe. Tag cement at 560'. Brought cement to surface in 10 stages using 345 sx Class C with 5% CACL & 500 gals. Aquafix & 8 yds. pea gravel. Finished 1" job at 10 pm 5-13-87. WOC - 18 hours. Pressure test BOP & 8-5/8" to 1000 psi for 30 minutes. Held OK. Trip in hole with bit #2 7-7/8" Reed HP54. Made 74' in 1-3/4 hours. Breakdown: trip - 1 $\frac{1}{2}$  hours, run casing - 2 hours, cement - 3/4 hour, WOC - 18 hours, drilling 1-3/4 hours.
- 5/15/87: Drilling at 2380' with cut brine water. Made 1376' in 23 hours. Deviation survey:  $\frac{1}{2}^{\circ}$  - 1004', 3/4 $^{\circ}$  - 1529', 3/4 $^{\circ}$  - 2028'. Bit #2 made 1450' in 24-3/4 hours. Breakdown: drilling - 23 hours, service rig - 1 hour.
- 5/16/87: Drilling at 3211'. Made 831' in 23 $\frac{1}{4}$  hours. MW - 10.0, Vis - 31, WL - 5. Deviation survey: 3/4 $^{\circ}$  - 2530', 3/4 $^{\circ}$  - 3024'. Bit #2 made 2281' in 48 hours. Breakdown: drilling - 23 $\frac{1}{4}$  hours, service rig - 3/4 hour.
- 5/17/87: Drilling at 3630'. Rig up loggers. Made 419' in 16 hours. Bit #2 made 2700' in 64 hours. MW - 10.1, Vis - 39, WL - 5, diesel - 3%. TD hole at 3:00 am 5-17-87. Circulate 1 $\frac{1}{2}$  hours. Deviation survey: 3/4 $^{\circ}$  - 3521'. Breakdown: drilling - 16 hours, trip - 5-3/4 hours, logging -  $\frac{1}{2}$  hour, circulating - 1 $\frac{1}{2}$  hours, service rig - 3/4 hour.
- 5/18/87: TD well at 3630'. Rig up Schlumberger & run CNL-FDC & DLL logs. Trip in hole, circulate mud 1 hour. Trip out of hole & layed down pipe. Run in hole with 111 joints (3614') of 4 $\frac{1}{2}$ ", 11.6 lb, J-55 API casing. Marker joint at top of Abo - 2950'. PBTD - 3581'. Cement with Halliburton using 350 sx 65/35 Poz Class C cement - 5 lb salt, .3% CFR-3, .4% Hallad 4. Lead off cement with 500 gals. 2% mud flush & 500 gals. Flochek-21. Plug down at 9:40 pm. Set slips & release rig. Breakdown: logging - 3 $\frac{1}{2}$  hours, trip - 5 hours, circulating - 1 hour, run casing - 3 hours, cement - 1 $\frac{1}{4}$  hours.
- No further reports until completion is attempted.
- 6/15/87: Rig up pulling unit. Perfed 3086,87,88,3102,03,21,22,23,3223,24,25,26,29,30,31,34,35,36,40,41 with 1 JSPF, 20 holes total, .56" diameter. Picked up tubing and packer & plug.
- 6/16/87: Straddled 3223-41 with tools. Acidized with 1500 gals. 7 $\frac{1}{2}$ % NEFE acid and 24 balls. Balled out with 18. Breakdown - 1150. ISDP - 880 after breakdown. Average rate - 3.5 BPM, average psi - 1500. ISDP - 920, 15 minutes - 720. Swabbing back acid load. Swabbed dry with good gas. Shut in.
- 6/17/87: SITP - 440. 1100' spent acid in hole. Blew down with good gas show. Move tools & straddle 3086'-3123'. Acidize with 1500 gals. 7 $\frac{1}{2}$ % NEFE acid & 16 balls. Breakdown pressure - 1000, average pressure 3 $\frac{1}{2}$  BPM, average pressure - 1300. Balled out with 16 balls. ISIP - 920, 15 minutes - 720. Swab back acid load.