

McClellan Oil Corporation
Toles Fed. No. 3
Sec. 15-T8S-R23E
1326' FNL & 2248' FWL
Chaves County

- 5/2/87: Drilled 30' of 12½" starter hole, rathole, mousehole. Moved in & rigged up drilling rig.
- 5/3/87: Drilling at 630', made 600' in 8 hours. Spud 12½" hole at 6:00 pm 5/2/87. Twisted off pin on kelly at 392'. RIH with overshot with 6" grapple and caught fish. Replaced kelly, returned to drilling. Lost partial return at 360'. Lost full return at 486'. Bit #1, Reed FP-62 has made 600' in 8 hours. Breakdown: drilling - 8 hours, fishing - 6½ hours.
- 5/4/87: WOC. Made 213' in 3¼ hours. Bit #1 made 813' in 11¼ hours. TD surface hole at 11:15 am 5/3/87. Pumped LCM pill. TOH. RIH with 19 joints (818') of 8-5/8", 23 lb., J-55 casing. Set at 832'. Cemented with 150 sx Class "C" with 3% CaCl₂ & 150 sx Pacesetter Lite C with 4% CaCl₂. Plug down at 4:15 pm 5/3/87. Did not circulate cement. Waited 4 hours to run temp. survey. Survey indicated TOC - 520'. RIH with 1" Kobe pipe. Tagged cement at 510'. Brought cement to surface in 4 stages using 140 sx Class C with 5% CaCl₂ and 3 yds. pea gravel. Finished 1" job at 11:00 pm 5/3/87. WOC. Breakdown: Drilling - 3¼ hours, pumping pill - ½ hour, tripping 1-¾ hours, running casing - 1-¾ hours, cementing - 1 hour, and 1" - 15-¾ hours.
- 5/5/87: Drilling at 2243' with fresh water. Made 1400' in 20½ hours. WOC - 18 hours. Pressure test BOP & 8-5/8" casing to 1000 psi for 30 minutes. Held OK. Trip in hole with bit #2 - 7-7/8" Reed HP-54. Drill thru cement float in ¾ hour. Deviation survey - ½° at 1097', ½° at 1594', ¾° at 2093'. Bit #2 made 1400' in 20½ hours. Breakdown: drilling - 20½ hours, WOC - 2¼ hours, drilling cement - ¾ hour, service rig - ½ hour.
- 5/6/87: Drilling at 3036'. Made 793' in 22½ hours. MW - 10.3, Vis - 33, WL - 5. Deviation survey ¾° at 2555'. Bit #2 made 2193' in 43 hours. Breakdown: 22½ hours - drilling, 1½ hours - rig repair & service.
- 5/7/87: TD at 3527'. MW - 10.1, WL - 7, Vis - 38. Prep to log. No drilling breaks or shows.
- 5/8/87: Log well using Schlumberger - FDC-CNL-DLL. Run in hole with drill pipe & drill collars to TD & circulate hole for 1 hour. Lay down drill pipe & collars. Rig up casing crew. Ran 87 joints (3510') of 4½", 11.6 lb J-55 casing. PBTD - 3469'. Cemented with Halliburton using 300 sx 65/35 Poz .3% CFR-3, .4% Hallad 4, 5 lb salt. Bumped plug at 11:30 pm. Release rig. Set Slips.

No further reports until completion is attempted.

- 6/10/87: Rig up pulling unit. Ran cement bond log. Perf 3288,89,92,93,94,95 with 2 JSPF, 12 holes total. Ran tubing & packer. Acidize with 1250 gals. 10% NEFE acid. Balled out. Breakdown 1180 psi, average 2000 psi at 3 BPM. ISIP - 1600, 15 minutes - 1400. Swab back acid. Slight gas show. SION
- 6/11/87: SITP - 600. Blew down with good gas. FL 1000' from seat nipple. Pulled tubing & packer. Perf 3065,66,67,68,69,77,78,93,94,95,98,3100,01,02,04, 1 JSPF, 15 holes total. Ran RBP to 3250'. Tested to 2000 lbs. Acidize 3065-3104 with 2000 gals. 10% NEFE acid. Breakdown 1400, average - 1380. Balled out to 3500'. ISIP - 850, 15 minutes - 760. Swab back acid load with slight gas show. SION, prep to frac.
- 6/12/87: SITP - 750 psi. Blew down with good gas. Ran 1 swab with fluid level scattered throughout tubing. Pulled tubing and tools. Rigged up Howco to frac down casing. Started pumping at 36 BPM at 3400 psi. Shut down and back flowed well. Recovered perf balls. Tripped in hole and circulated hole to clean well. Pulled tubing. Fraced down casing with 30,000 gals. gelled 2% KCL water at 50 BPM with 68,000 lbs of 20-40 sand at 2800 psi. Dropped 10 balls, ran 1000 gals. acid, pumped 20,000 gals. gelled 2% KCL water at 40 BPM at 3160 psi with 15,000 lbs 20-40 sand. ISIP - 1920, 5 minutes - 1800, 10 minutes - 1740, 15 minutes - 1700. Shut in overnight.