

ETHEL "19" MUR FEDERAL NO 1
400' FSL & 1,950' FWL
Sec 19-25S-34E
LEA Co., NM
Spud Date: 11/17/96

ENRON OIL & GAS COMPANY
DEV D&C: 12,800' BONE SPRING
RED HILLS Field
EOG#: 85.7000% WI 70.7025% NRI
AFE No.: 10-1143
DHC: 331,900; CWC: 692,300

Nearest lease line 400'

11/12/96 Location and road 50% complete.

11/18/96 Day 1. Depth 78'. PO-WOC. . Made 78'. 1 hr drlg, 16" csg @ 73'; Bit #1, jets 13/13/18, in @ 0', out @ 78', 1 hr, 78 ft/hr; SPM 96, GPM 336, press 100; MW 8.6, Vis 80. 10 hrs RU. 2 hrs Mix spud mud - 80 vis 250 bbls. 1 hr cmt conductor pipe with 370 sx Class C with 3% cc @ 14.8ppg, yield 1.32, 86 bbls, displace with 11 bbl of water to 50' - circ 85 sx cmt to pits. 3 hrs WOC. DWC \$39,315. CWC \$39,315.

11/19/96

CORRECTED

Day 2. Depth 605'. PO-Drlg w/cond leaking. surf. Made 57'. 9 hrs drlg, 1 hr trip, 14 hrs other, 10 cum rot hrs, 16" csg @ 73', 3/4 deg @ 272'; SPM 96, GPM 336, press 900; MW 8.9, Vis 40, pH 9.5. 1 hr drill 25' cmt, drlg form to 118'. 1 hr try to make connection @ 118', btm joint of conductor pipe is off or loose. 2 hrs TOH ck BHA, TIH mix mud to 40 vis. 1 hr drlg. 1 hrs hook up cellar jet mud returns in cellar. DWC \$12,610. CWC \$52,610.

11/20/96

Day 3. Depth 650'. PO-TIH. surf. Made 45'. 2 hrs drlg, 3 hrs trip, 19 hrs other, 11 cum rot hrs, 11-3/4" csg @ 650', 3/4 deg @ 272'; Bit #2, jets 14/14/14, in @ 78', out @ 650', feet 572, hrs 11 ft/hr 52, wt 65, rpm 70; SPM 96, GPM 336; MW 10.0, Vis 28. DWC \$29,801. CWC \$82,411.

11/21/96

Day 4. Depth 854'. PO-RD, jet pits, Prep to skid rig 30'. anhy, sh. Made 254'. 4-1/4 hrs drlg, 3-3/4 hrs trip, 16 hrs other, 15-1/4 cum rot hrs, 11-3/4" csg @ 650'. 1 deg @ 400', 3 deg @ 500', 6 deg @ 600', 8 deg @ 700', 8 deg @ 805'; Bit #3, jets 13/13/13, in @ 650', out @ 854', feet 254, hrs 4-1/4, ft/hr 60, wt 40, rpm 65. 1/4 hr TOH to 590'. 1/4 hr WOC. 3-1/2 hrs LD 20-8" DC and BHA & TIH to 750' w/DP. 1 hr mix 140 bbls 34 vis drlg mud. 1/2 hr displace hole with drilling mud. 2 hrs wit on Howco. 1 hr RU to cmt (P&A). 1-1/2 hrs P&A & LD DP #1 plug 750-550 - 100 sx Class C/Neat @ 14.8#, yield 1.32'. #2 plug - 60' to surface. 25 sxs Class C/Neat @ 14.8#, yield 1.32'. 2-1/2 hrs ND jet pits. DWC \$8,851. CWC \$91,262.