

# MARATHON OIL COMPANY

**Crockett 27 State # 2**  
**1980' FNL & 1830' FWL**  
**Sec. 27,T-18-S, R-28-E**  
**Eddy County, N.M.**

MIRU United Rig # 5, spud 17.5" hole @ 0800 hrs, 5/13/98. Drilled to 443'. Ran 10 jts., 13.375", H-40, STC new casing to 443'. Shoe @ 443', insert @ 394'. Cemented W/ 220 sx 35:65:6 w/ 2% cacl, wt 12.3, yield 2.02. Tailed in w/ 200 sx C. Circulated 180 sx to pit. WOC 14 hrs. Cut csg & welded on flange, NU rotating head. Drilled cement and float equipment.

Air drilled 12.25" hole to 2957' . Ran 69 jts, 9.625", 36#, K-55 intermediate casing to 2957', shoe @ 2957', insert @ 2915'. Cemented w/ 650 sx BJ Lite, 5 pps nacl, 5 pps gilsonite, .25 pps cello, wt - 12.49, yield - 2.04, tailed in w/ 200 sx "C" neat. Circulated 55 sx to pit Set slips w/ 95 K. NU 13-5/8" 3M X 11" 3M casing head. Released United # 5 1430 hrs, 5/20/98.

MIRU McVay # 4, 5/30/98. NU 11" 3M BOPE. Tested blind and pipe rams, choke and kill lines, floor valves and mud lines to 1500 psi w/ rig pump. PU 8.75" bit and tagged cement @ 2891' Drilled cement & float Equip , tested shoe to 1000 psi. Drilled to 9633'.

Drilled to 9567' TD @ 0930 hrs, 6/13/98. Logged well as follows: Platform Express/BHC sonic TD - 2958', FMI - 10,000' - 9200'. CNL/GR TD - Surf.

Ran 7", 23# & 26#, L-80, LTC casing to 9567'. Cemented production casing w/ 190 sx super modified "H", 5 pps gilsonite, 1 pps nacl, .5% Halad - 344, .4 CFR - 3. Bumped plug and shifted tool, circulated w/ rig pumps, circulated 49 sx cement to surface. Cemented 2nd stage w/ 740 sx Interfil "C" w/ .3% Halad-322, Tailed in w/ 100 sx neat, lost returns on last 20 bbl of displacement. Did not circulate cement.

N.D. BOPE and set slips. N.U. tubing head and tested seals. Released rig at 20:45 hrs 6/15/98.