

MARATHON OIL COMPANY

Crockett 27 State # 3
416' FSL & 721' FWL
Sec. 27,T-18-S, R-28-E
Eddy County, N.M.

MIRU United Rig # 5, spud 17.5" hole @ 0200 hrs, 6/8/98. Drilled to 450'. Ran 10 jts., 13.375", H-40, STC new casing to 450'. Shoe @ 450', insert @ 404'. Cemented W/ 175 sx 35:65:6 w/ 2% cacl, wt 12.3, yield 2.02. Tailed in w/ 200 sx C. Circulated 150 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 2975' . Ran 67 jts, 9.625", 36#, J-55 intermediate casing to 2975', shoe @ 2975', insert @ 2927'. Cemented w/ 550 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 74 sx to pit Set slips w/ 95 K. NU 13-5/8" 3M X 11" 3M casing head. Released United # 5 1700 hrs, 6/16/98.

MIRU McVay # 4, 6/24/98. 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 9600'.TD @ 1215 hrs 7/5/98.

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 9600'. Shoe @ 9600', collar @ 9520',ECP @ 9094', Stage tools @ 9091', 6483'. Cemented 1 st stage production casing w/ 75 sx super modified "H", 5 pps gilsonite, 1 pps nacl, .5% Halad - 344, .4 CFR - 3.Bumped plug opened ECP at 9094'. Cemented 2nd stage w/ 420 sx Modified Super "H" w/ .4 % CFR - 3, 5 pps gilsonite, 2 pps nacl, wt - 13.0, yield - 1.67. Displaced plug to stage tool. Opened stage tool and circulated out 45 sx cement to surface. Cemented 3rd stage w/ 425 sx Interfil "C" w/ .3% Halad-322, @ 11.9 ppg, 1.32 yield. Tailed in w/ 200 sx neat, bumped plug and tool held , did not circulate cement

N.D. BOPE and set slips. N.U. tubing head and tested seals. Released rig at 00:30 hrs 7/8/98.