

MARATHON OIL COMPANY

Burns "34" State # 2

1876' FNL & 490' FWL

Sec. 34, T- 18-S, R-28-E

Eddy County, New Mexico

MIRU United # 5, spud 17.5" hole @ 1300 hrs 6/22/98. Drilled to 438'. Ran 10 jts, 13.375", H-40 casing to 438'. Shoe @ 438, insert @ 392'. RU BJ, Cemented surface casing W/ 170 sx 35:65:6,2% cacl, wt 12.3, yield - 2.02. Tailed in W/ 200 sx "C" wt- 14.8, yield - 1.34. Bumped plug and circulated 25 sx to pit. WOC 4 hrs, cut casing and installed 13.625" X 13.375" SOW casing head, NU rotating head and TIH w/ 12.25" bit. WOC 10 hrs. Drilled float equip and air drilled formation to 2960'. TD @ 2100 hrs 6/29/98.

Ran 9-5/8" Intermediate casing as follows: 67 jts 36#, K-55 LTC new casing to 2960'. Shoe @ 2960, float collar @ 2912'. Cemented w/ 650 sx BJ lite, 5 p.p.s. gilsonite, .25 p.p.s. cello, wt - 12.5 ppg, yield - 2.04. Tailed in w/ 200 sx "C" neat wt - 14.8, yield 1.34. Circulated 63 sx to pit. ND BOPE and set slips w/ 80K. NU 13-5/8" 3M X 11" 3M casing head and tested weld to 1000 psi.

Rigged down United, released rig @ 1430 7/1/98. MIRU TMBR Sharp # 27, 7/9/98. Installed 11" 5m dual ram BOPE. Tested rams to 200/1900 psi. PU 12.25" bit and BHA and TIH. Drilled float and cement.

Drilled formation to 9970', TD @ 0830 hrs, 7/20/98.

Logged well as follows: Platform Express/HALS/BHC Sonic/NGT TD - 2800'. CNL/GR/CAL - surface.

Ran 7" production casing as follows: 78 jts, (3017') 26#, L-80, 51 jts, (2286') 26#, K-55, 105 jts (4665') 23# K-55, 2 jts, (84.84) 26#, L-80. Shoe @ 9970', collar @ 9895', DV @ 8495'.

Cemented production casing w/320 sx Modified Super H, .4% CFR-3, 5 pps Gilsonite, .5% Halad -344, 2 p.p.s. NACL, Wt - 13.0, Yield - 1.64. Bumped plug, circulated 66 sx cement.

Cemented 2nd stage w/ 670 sx Interfil "C", wt - 11.9, yield - 2.64. Tailed in w/ 100 sx neat. Did not circulate cement. Estimated cement top - , 2nd stage - 2500'.

Set slips w/170K, cut 7", ND BOPE. Released rig @ 1500 hrs 7/24/98.