

MARATHON OIL COMPANY

Indian Basin 32 # 2
2000' FSL & 1650 FEL
Sec. 32, T-21-S, R-24-E
Eddy Co., N.M.

4/13/98 - MIRU United # 7, Spud 14.75" hole @ 2400 hrs, 4/14/98. Air drilled to 1807', TD @ 1000 hrs, 4/21/98. Ran 42 jts., 9.625", 36#, J-55, STC new casing to 1807'. Shoe @ 1805', float collar @ 1764'. Cemented surface casing w/ 200 sx Thixotropic Wt - 14.8, yield - 1.51, 640 sx 35:65 pozmix Wt - 12.4, yield - 2.01, tailed in w/ 200 sx "C" neat Wt - 14.8 yield - 1.34. Did not circulate cement. Ran temp survey and found TOC @ 1160'. Ran 1" tubing and cemented to surface with 550 sx Class "C" in 9 stages. Circulated 9 sx to surface. Released rig @ 0900 hrs 4/23/98.

5/21/98 - MIRU MCVAY #4. NU and test 11" dual ram BOPE and choke manifold to 300/3000 psi. PU 8.75" bit and tagged cement @ 1690', tested casing to 1500 psi. Drilled shoe and resumed drilling formation to 7592', lost returns. Regained circulation w/ LCM. Drilled to 7722', lost all returns, dry drilled to 8522', TD @ 0200 hrs 6/6/98.

✓ Did not log well due to severe lost circulation problem. Ran 7" 23#, 26# L-80 LTC casing to TD.

Cemented 1 St.. production casing w/ 720 sx modified super "H", had no returns while cementing. Set ECP w/ 2800 psi, opened stage tool and circulated w/ rig pump, did not circ any cement of stage tool. Cemented 2nd stage w/ 720 sx Interfil "C", 100 sx Prem Plus. Bumped plug and circ 160 sx to reserve. Plug down @ 1400 hrs 6/8/98. Set slips, cut casing and pulled out BOP'S.

Released rig @ 2000 hrs 6/8/98

Ran CBL on production casing after drilling out stage tool, found TOC @ 7804'.