



**Marathon
Oil Company**

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**NORTH INDIAN BASIN UNIT NO. 13
2050'FNL & 660'FEL
SEC. 2, T-21-S, R-23-E
EDDY COUNTY, NEW MEXICO**

Preset 16" conductor @ 80' & cmt'd to surface w/ redi-mix. MIRU McVay #7 & spudded 12-1/4" hole @ 0900 hrs 8-21-94. Drld 12-1/4" hole to 1230'. Ran 28 jts, 9-5/8", 36#, K-55, STC csg to 1230', TX pattern shoe @ 1229', float collar @ 1186'. Western mixed & pumped 200 sx Class "H" thixad w/ 3% CaCl₂, 10 pps gilsonite, .5 pps celloflake (12.43#, 2.02 Y), tailed in w/ 400 sx pacesetter lite w/ 3% CaCl₂, w/ 10 pps gilsonite, 1/4 pps celloflake (12.8#, 1.89 Y), followed by 200 sx "C" w/ 2% CaCl₂ (14.8#, 1.32 Y). Bumped plug, CIP @ 0745 hrs, circ'd 280 sx to surf. WOC. Cut conductor & 9-5/8". Weld on 9-5/8"x 11" 3M SOW csg head, tested to 1750#. NU 11" 5M dual ram BOP's, annular, choke manifold & rotating head. Tested BOP's, choke manifold, kill line, floor valves, standpipe & mud lines to 300/3000#. Tested annular to 1500#. P/U bit, TIH & tagged cmt @ 1095'. Total WOC - 20 hrs. Drld cmt & FC to 1190', tested csg to 1750#. Drld cmt to 1220', tested csg to 1750#. Drld 8-3/4" hole to 8010'. R/U logging adaptor, riser, P.I. sub & W.L. BOP's. Logged well as follows: GR/DLL/MSFL/LSS 8010-4000'; GR/CNL/LDT/EPT 8010-7400'; CNL/GR to surface. Ran 120 jts 7", 26#, K-55, LTC new csg (8010-2705') & 61 jts, 7", 23#, K-55, LTC new csg (2705'-surf) w/ 34 centralizers. Float shoe @ 8008', float collar @ 7918', DV @ 6115'. Western mixed & pumped 1st stg 410 sx Class "H" w/ 5 pps gilsonite, .6% CF-14, .3% WL-1P, bumped plug, shifted tool & circ'd 84 sx cmt. Cmt'd 2nd stg lead w/ 685 sx PSL w/ 5% NaCl, 5 pps gilsonite, .25 pps cello, tailed in w/ 100 sx "C" neat, bumped plug, closed tool. Circ'd 170 sx to surf. CIP @ 1720 hrs 9-11-94. Lift stack, set slips w/ 140k. N/U 11" 3M x 7-1/16" 3M "C" section. Tested seals to 2000#. Released rig @ 2300 hrs 9-11-94.

9-14-94 WJD:cdb