

**NORTH INDIAN BASIN UNIT NO. 14**  
**660'FNL & 2310'FEL**  
**SEC. 2, T-21-S, R-23-E**  
**EDDY COUNTY, NEW MEXICO**

Preset 16" conductor @ 72'; cmt'd to surf w/ redimix. MIRU McVay #4. Spud 12-1/4" hole @ 1330 hrs 12-18-94. Drld to 1215' w/ partial returns. Ran 26 jts 9-5/8", 36#, J-55, STC new csg to 1215'. TX pattern shoe @ 1214'; float collar @ 1166'. Western mixed & pumped lead: 584 sx "C" lite w/ 3% CaCl<sub>2</sub>, 10 pps gilsonite, 1/4 pps cello @ 12.4 ppg, 2.02 yield. Tailed in w/ 100 sx "C" w/ 2% CaCl<sub>2</sub> @ 14.8 ppg, 1.34 yield. Bumped plug, CIP @ 0845 hrs 12-20-94. Circ'd 422 sx to pit. WOC, cut csg & installed 11" 3M x 9-5/8" SOW csg head. Tested weld to 1500 psi.

NU 11" 3M dual ram BOP, choke manifold, annular & rotating head. Tested pipe & blind rams, choke & kill lines, choke manifold, surface lines & floor valves to 200/3000 psi. Tested annular to 200/1500 psi.

PU BHA & tagged cmt @ 1155'. Total WOC 20 hrs. Tested csg to 1750 psi. Drld cmt, plug & float to 1195'. Tested csg to 1750 psi. Resumed drlg w/ 8-3/4" bit.

Drld 8-3/4" hole to 8000', TD @ 2345 hrs 1-02-95. Logged well as follows:  
DLL/MLL/GR 8000-4000'; CNL/Z-DEN/GR/CAL 8000'-surface; CNL/GR/CAL 8000-4000'; spectralog 8000-7400'.

RU csg crew & ran 186 jts 7", K-55, LTC new csg (5210', 26#, 2787', 23#). Shoe @ 7989'; float collar @ 7902'. DV @ 6027'.

Western mixed & pumped 1st stg w/ 475 sx "H" w/ .5% CFE, .6% CSE, .6% CF-14, .3% WL1P, 5 pps gilsonite @ 15.14 ppg, 1.32 CF/sk. Bumped plug, shifted tool & circ'd 100 sx to pit. Circ'd 6 hrs w/ rig pump. Mixed & pumped 2nd stg w/ 775 sx PSL "C" w/ 6% gel, 5% NaCl, 5 pps gilsonite @ 14.8 ppg, 2.12 CF/sk. Closed tool, circ'd 85 sx to surface. ND BOP, set 7" csg slips w/ 151K. Cut 7", installed 11" 3M x 7-1/16" 3M "C" section, tested head to 2200 psi. Released rig @ noon 1-05-95.

WJD:cdb      1-24-95