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**BERTHA BARBER NO. 15**  
**LOT 3, 990'FNL & 1980'FWL**  
**LEA COUNTY, NEW MEXICO**

Preset 14" @ 40', cmt to surf w/ redi-mix. MIRU Capstar #4. Spudded 8-3/4" hole @ 1930 hrs 11-11-94. Drld to 1228'. Ran 28 jts, 7", 20#, K-55, 8Rd new csg to 1228', float shoe @ 1226', float collar @ 1172'. Mixed & pumped 125 sx "C" w/ 6% gel, 2% CaCl<sub>2</sub>, 1/4 pps cello @ 12.7 ppg, 1.86 y. Tailed in w/ 50 sx Class "H" thixad, 12% @ 12.7 ppg, 2.18 y. 2nd tail - 150 sx "C" w/ 2% CaCl<sub>2</sub> @ 14.8 ppg, 1.34 yield. Bumped plug w/ 1000 psi. CIP @ 1500 hrs 11-12-94. Circ'd 111 sx. WOC 4 hrs. Cut csg. Installed 7" SOW x 9" 3M csg head. NU 9" 3M Shaffer dual ram BOP. Tested choke manifold, lines, pipe & blind rams, mud lines & floor valves to 3000 psi. PU BHA & tagged cmt @ 1122', total WOC time - 18 hrs. Drld cmt & FC to 1202'. Tested csg to 1500 psi. Drld cmt, shoe, & formation to 1233'. Ran PIT test to 12.04 ppg EMW. Drld 6-1/8" hole to 3760'. RU W.L. BOP & packoff. Logged well as follows: DLL/MSFL/GR 3758-2500'; SD/CNL/SGR/CAL 3758'-surf. Chg rams to 5-1/2", ran 84 jts, 4-1/2", 11.6#, K-55 new csg to 3755'. Float shoe @ 3753', FC @ 3660'. Western mixed & pumped 380 sx PSL "C" w/ 6% gel, 5 pps NaCl, 1/4 pps cello @ 12.5 ppg, 2.01 yield. Tailed in w/ 140 sx "C" w/ .6% CF-20, 2.5 ppg NaCl @ 14.8 ppg, 1.34 y. Bumped plug w/ 2000 psi. Plug down @ 2030 hrs 11-19-94. Circ'd 25 sx. ND BOP. Set 4-1/2" slips w/ 40k. Cut csg. Installed 9" 3M x 7-1/16" 3M tbg head & tested to 1200 psi. Rig released @ 0200 hrs 11-20-94.

11-28-94 WJD:cdb

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