

LEA UNIT NO. 17
900'FSL & 1756'FEeL
SEC. 13, T-20-S, R-34-E
LEA COUNTY, NEW MEXICO

MIRU McVay #10. Spudded 17-1/2" hole @ 1600 hrs 2-03-95. Drld to 1750'. Ran 39 jts, 13-3/8", 48#, K-55, STC, new csg to 1750'. TX pattern shoe @ 1748'; FC @ 1706'. Western mixed & pumped 300 sx PSL "C" w/ 4 pps gilsonite, .25 pps celloflake; tailed in w/ 1050 sx PSL "C" w/ 2% CaCl₂, circ'd 290 sx.

Cut csg, weld on 13-3/8" x 13-5/8" csg head, tested weld to 850#. NU 13-5/8" 5M spool, mud X, type "U" dual rams, 3M annular & rotating head. Tested rams, spool, manifold, choke & kill lines, surface lines & floor valves to 200/3000 psi. Tested annular to 1200 psi.

TIH & tag cmt @ 1701'. Total WOC 35-3/4 hrs. Tested csg to 1300 psi. Drld cmt & plug to 1749', tested csg to 1300 psi. Drld shoe & formation to 1760'. Performed 12 ppg EMW test w/ 183 psi. Resumed drlg w/ 12.25" bit.

Drld 12-1/4" hole to 5440'. TD @ 0745 hrs 2-16-95. Ran fluid caliper, chg'd rams to 9-5/8". Ran 119 jts 9-5/8", 40#, L-80, LTC, 5 MLS new csg. Float shoe @ 5438', float collar @ 5392', DV/ECP @ 3408'. Cmt'd 1st stg w/ 560 sx PSL "C" lite w/ 5 pps NaCl, .25 pps celloflake, @ 12.5 ppg, 2.01 y. Tailed in w/ 250 sx "C" w/ 1% CaCl₂ @ 14.8 ppg, 1.32 y. Bumped plug w/ 2000 psi, floats held, CIP @ 0415 hrs 2-17-95. Dropped bomb, shifted tool, inflate ECP, opened stage tool. Circ'd 276 sx cmt to surf. Cmt'd 2nd stg thru DV tool w/ 1400 sx "PSL" w/ 5 pps NaCl, .25 pps cello @ 12.5 ppg, CIP @ 0700 hrs 2-17-95. PU stack, set slips w/ 210k, cut csg, NU 13-5/8" 3M x 11" 5M "B" section, set stack. Test blind & pipe rams, choke manifold, kill & fillup lines, floor valves & hoses to 500/5000 psi. Tested annular to 300/3000 psi. PU 8-3/4" bit, TIH to DV tool @ 3408', total WOC 20 hrs. Drill cmt, plug, bomb to DV tool. Tagged cmt @ 5257', tested 9-5/8" csg to 1650 psi. Drld cmt & shoe to 5440'. Ran gyro 5440'-surf. TVD - 5435.5'; displ. 72.54' @ 3.54°, azimuth 326°. Drld to 5450'. Ran pressure integrity test w/ 9.5 ppg mud w/ 710 psi surf press for 12 ppg EMW. Resumed drlg formation w/ 8-3/4" bit.

WJD:cdb 2-27-95