

Proposed or Completed Operations:

11/30/93-12/5/93 MI & RU McGee Rig #2. Spudded @ 2200 hrs MST 11/30/93. Drld 17-1/2" hole to 349'. Ran 8 jts (349') 13-3/8" 54.5# K-55 ST&C (Mann) csg. Set shoe @ 349', FC @ 303'. Pump 50 BFW and cmtd w/ 100 sx 35:65 Poz/C + 6% gel + 1/4#/sx CF + 2% CaCl<sub>2</sub> + 10#/sx salt (12.7 ppg, 1.99 ft<sup>3</sup>/sx) and 100 sx Class H Thixotropic (14.1 ppg, 1.61 ft<sup>3</sup>/sx) and 200 sx Class C + 1/4#/sx CF + 2% CaCl<sub>2</sub> (14.8 ppg, 1.32 ft<sup>3</sup>/sx). PD @ 0200 hrs 12/2/93 w/530 psi. No circ thruout entire job. Ran WL and tagged TOC @ 45'. Cmtg witnessed by M. Stubblefield, NMOCD. Agreed to top out w/Redi-mix after installing csghd. WOC. Cut off 13-3/8" and weld on head. Weld on 13-3/8" x 3000 psi csghd. NU BOPs and chk man. PU BHA and GIH. Test BOPs to 1000 psi. DOC.

12/6/93-12/10/93 Drld 12-1/4" hole to 1650'. Ran 37 jts (1654') 8-5/8" 32# K-55 LT&C (NSS) csg. Set FS @ 1650'; FC @ 1604'. Cmt w/100 sx 12-2 RFC H Thixotropic (14.1 ppg, 1.61 ft<sup>3</sup>/sx) and 520 sx 35:65 Poz C + 6% gel + 1/4#/sx CF + 2% CaCl<sub>2</sub> (13.1 ppg, 1.77 ft<sup>3</sup>/sx) and 200 sx Class C + 2% CaCl<sub>2</sub> (14.8 ppg, 1.32 ft<sup>3</sup>/sx). PD @ 0900 hrs 12/6/93 w/1300 psi. No returns thruout job. Float held. WOC. Ran temp survey (TOC @ 940'). PU 1" tbg and GIH. Tag TOC @ 960'. Cmtg thru 1" tbg as follows:

- from 960' - 50 sx Class C + 2% CaCl<sub>2</sub> - no fill
- from 960' - 50 sx Class C + 2% CaCl<sub>2</sub> - no fill
- from 960' - 100 sx Class C + 2% CaCl<sub>2</sub> - no fill
- dump pea gravel down annulus - 25' fill
- from 900' - 50 sx Class C + 2% CaCl<sub>2</sub> - 40' fill
- dump pea gravel down annulus - 25' fill
- from 810' - 50 sx Class C + 2% CaCl<sub>2</sub> - 110' fill
- from 690' - 100 sx Class C + 2% CaCl<sub>2</sub> - 170' fill
- from 510' - 130 sx Class C + 2% CaCl<sub>2</sub> - Circ 10 sx cmt to surface

All cmtg witnessed by M. Stubblefield, NMOCD. ND BOPs, set 8-5/8" slips w/54000#. Cut off 8-5/8" csg and NU 13-5/8" x 3000 psi csg spool. Test seals to 2000 psi. NU BOPs and chk man. Test BOP, chk lines and man to 3000 psi; hydril to 1500 psi. Repair various leaks. Pressure test csg to 1000 psi - no leak off.