

Attempted to drill cement with coiled tubing and dynadrill without success. Ran Big B Free point on 2-6-80 -- no movement below 7,780'. Perforated with 3 holes, .33" entry from 11,640-642'. Squeezed perfs on 2-7-80 with 50 sx "H" + 1% D-19 + 3/10% D-31 + 3% gel + 3# KCL + 1/4# celloflake + 1/10% R-6 pumped at 2.25 bpm at 2280 psi and displaced with 164 bbls water. Perforated drill pipe on 2-8-80 with 3 holes from 11,088'-090'. Squeezed perfs on four separate days from 2-8-80 to 2-11-80 with a total of 300 sx Class "H" plus additives before casing pressure stabilized. Drilled cement with dynadrill from 10,954' to 12,224' from 2-12-80 to 2-14-80 before pipe stuck at 12,204'. Acidized to free bit with total of 300 gals of 15% HCL with inhibitor on 2-15-80 thru 2-16-80. Drilled out DP with coiled tubing and dynadrill to 12,271'. Lay down dynadrill, then back out 4-1/2" DP at approximately 6,900' and ran 166 jts 5-1/2", 17#, N-80, LT&C casing set at 6,912' on 2-22-80. Perforated DP with 2 shots at 6,922-23'. Cemented with 1500 sx "H" + 1% D-19 + 3/10% D-31 + 3% gel + 3# KCL + 1/4# celloflakes + 1/10% R-6. Displaced with 160 bbl fresh water leaving approximately 50' of cement in casing. Cut off casing, installed tree, and released rig at 7:00 PM 2-23-80. WOCU - estimated to arrive 3-10-80.