

max. press. 1300#, final 200# (vacuum), 5th stage: 200 sacks, max. press. 2800#. Press. after job complete 700#, 6th stage: 100 sacks, max. press 4800#, decreasing to 3200#, after 20 minutes 1900#, 2 hrs 1700#. Unseated packer after 4 hours and reversed water from drill pipe with mud. Had large slug gas to surface while reversing. Squeeze cemented 7th stage: 200 sacks max. pressure 4500# with 85 sacks in formation, unable to reverse out 115 sacks excess cement from drill pipe. Pull RTTS tool up hole to 8448'. Set 4-1/2" DP on slips. Ran 2-15/16" bit on 1-5/8" DP to top cement inside 4-1/2" DP at 6,620'. Drilled cement inside 4-1/2" DP 6620'-6700'. Pressure on 10-3/4" and 4-1/2" annulus increased to 2950# at 8:00 A.M. 7-14-63, unable to pump in annulus with 4900#.