

2-12-82 Laid down drill pipe. Rigged up and ran 160 jts. 4½" OD, 10.5#, J-55, 8 Rd, ST&C csg. T.E. 6530.90' set at 6494' RKB.

Cemented first stage by HOWCO with 250 sx class "B" 4% gel & ¼# flocele per sk followed by 150 sx class "B" with ¼# flocele per sk. Spearheaded job with 10 bbls. mud flush. (total slurry first stage 557 cu.ft.) Had good mud returns while cementing. Reciprocated csg. throughout job. Max cementing pressure 1050 psi. Bumped plug with 1500 psi. Float held OK. Job complete at 5:15 p.m. 2-11-82. Dropped opening bomb and opened stage tool at 4360'. Circulated 3 hrs. with rig pump.

Cemented 2nd stage as follows: spearheaded with 10 bbls. mud flush; pumped 450 sx 65-35 with 12% gel & ¼# flocele per sk followed by 100 sx class "B" 4% gel & ¼# flocele per sk. (Total slurry 2nd stage 1331 cu.ft.) Full mud returns while cementing 2nd stage. Maximum cement pressure 1050 psi. Closed stage tool with 2150 psi. Held OK. Job complete at 10:00 p.m. 2-11-82. Nippled down B.O.P. Set csg. slips. Cut off 4½" csg. Released rig at 2:00 a.m. 2-12-82.
(Trace of cement to surface)