

SURFACE PIPE - 650 FT of 12 1/4" HOLE:

Attempt to circulate 315 sxs with Class "C" cement and 2% CACL and 1/4 lb/sack of cellophane flakes A "Texas" pattern guide shoe and insert float valve will be run, along with 3 centralizers on bottom 300 feet of string. Thread socking compound should be used on bottom two joints of casing.

PRODUCTION CASING - 3,800 FT OF 5 1/2" IN 7 7/8" HOLE:

Production casing will be cemented with 620 sxs Class with 5 lb/sack salt and some fluid loss additive. Cement will be brought up 100' from base of surface casing.