

7. Auxiliary equipment will consist of the following:
  - A. Drill pipe sub with full opening valve
8. Logging program in the open hole will consist of a Sidewall Neutron, Gamma Ray-Caliper log before running 4 1/2". If logs will not go to Total Depth, casing will be run. After casing is run and cemented, a Gamma Ray Collar log will be run.
9. No abnormal pressure, temperature, or hydrogen sulfide gas is anticipated at this infield development location.
10. Starting date is expected to be November 15, 1976 or upon approval by the U. S. G. S. The operation is expected to be completed in three weeks.
11. Cementing program:
  - Surface: Drill 12 1/4" hole to 420', run 8 5/8" 24# K-55 new casing to 420'. Cement to surface with 250 sx. Class C plus 2% CaCl.
  - Production: Run 4 1/2" 10.5# K-55 new casing to 5050'. Cement to surface with 250 sx. Common + 12% gel + .4 HR-7 and 200 sx. Class C salt saturated cement to circulate cement to surface. Note the amount of cement will actually be calculated from the caliper open hole log with 20% extra being added to insure circulation of cement.

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1 OCT 1976

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1000S. M. M.