(9) Casing Setting Depth and Cementing Program:

(a) Surface casing will be set at 400', cemented with 500 sacks of light cement followed by 100 sacks of Class "C" with 2% $CaCl_2$.

(b) Intermediate casing will be set at ~~2,900'~~ 4200' and cemented with 560 sacks of light weight cement and 200 sacks Class "C" neat.

(c) Production casing will be set at 10,900' and cemented with adequate volume of Class "H" cement with friction reducer to bring cement top to approximately 6,500'. NOTE: Volume of cement to be determined after running caliper log at total depth.

(10) Pressure Control Equipment: The minimum specifications for pressure control equipment can be seen on the attached Drawing No. 3 of Gulf's blowout preventer hook-up for 5000 psi working pressure.

(11) Circulating Media: 0-400' fresh water spud mud; 400'-2,900' saturated brine water; 2,900'-10,900' brackish water with polymer as needed for samples and logs.

(12) Testing, Logging and Coring Program:

(a) Formation testing may be done at any depth where samples, drilling rate or log information indicate a possible show of oil or gas.

(b) Open-hole logs will be run prior to running casing at total depth.

(c) One core sample is planned in the Wolfcamp zone at a depth of 10,550' to 10,610'.

(13) Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:

We do not anticipate any abnormal pressure or temperature; however, the following equipment will be installed while nippling up on intermediate casing for pressure control and detection: remote-controlled adjustable choke on flow manifold, drilling separator with gas vent line to burn pit, pit level sensors, flowline sensors and remote control BOP as shown on Drawing No. 3.

The presence of hydrogen sulfide gas is not anticipated.

(14) Anticipated Starting Date: Drilling operations should start between August 15, 1979 and September 15, 1979.

(15) Other Facets of the Proposed Operation: None

Yours very truly,

R. C. Anderson

R. C. Anderson
Area Production Manager

Attachment
TW:cw