

J. M. Huber Corporation

1066 Wilco Building

Midland, Texas 79701

April 19, 1972

Oil and Gas
Division

TELEPHONE
MIDLAND 1-5-14

Mr. Jim Knauf, District Engineer
U.S.G.S.
Drawer U
Artesia, New Mexico 88210

Re: J.M. Huber Corporation
Superior - USA #1
1980' BN&EL Section 11,
T26S-R24E, Eddy County,
New Mexico

Dear Mr. Knauf:

The following recommended mud program and B.O.P. program are presented per your request for the above captioned well. We ask that this letter and detail of our proposed program be attached to our application to drill, Form 331-C.

Recommended Drilling Mud Program:

0' - 900' - Spud with aquagel flocculated with lime. Use paper and cottonseed hulls for seepage loss of fluid or loss of circulation.

Surface Casing - 8-5/8" at 900'.

900' - 5500' - Drill out surface casing with fresh water and circulate the reserve pit. Use paper for seepage loss of fluid. Maintain pH 10.5 with lime to help prevent corrosion to the drill string. Use Benex as a flocculant to prevent solids buildup.

5500' - 6800' - Mud up with a non-dispersed aquagel, dextrid, drispac mud with the following properties: Viscosity 30-33, Weight 8.6 - 8.8, and ML 10 - 12.

6800' - 8200' - Due to the sensitivity of the Morrow formation to contamination from drilling fluid filtrate, recommend lowering the ML to 2 - 3 before drilling the Morrow formation at approximately 7000'. Increase the viscosity to 36 - 38 while maintaining the mud weight 8.8 - 8.9.

Mr. Jim Knudt

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Recommended Blow-Out-Preventer Program:

It is recommended that a Cameron or Shaffer double stack 10" 900 Series BOP be installed after the surface casing has been set. A remote Payne or equivalent accumulator unit of 80 gallon capacity will be utilized. Accompanying installation of BOP, it is further recommended installing kill line (2-3/8" tubing) to end of rig cat walk and flow manifold. Prior to drilling out 8-5/8" casing shoe, the BOP, casing, kill line and manifold will be tested to 2000 psi.

Operational tests of BOP's will be made before all BOP's, blind rams will be tested each trip and pipe rams each tour.

If any additional information can be furnished or clarification is needed on the recommended programs outlined, please contact this office.

Very truly yours,

J.M. HUBER CORPORATION

James R. Sutherland
James R. Sutherland

JRS:mt