

# J. M. Huber Corporation

1900 Wilco Building

Midland, Texas 79701

August 24, 1972

OIL AND GAS  
DIVISION

TELEPHONE  
MUTUAL 2-3794

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AUG 31 1972  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

Re: J.M. Huber Corporation  
O'Neill - Federal No. 1  
1980' FN&EL Section 23,  
T-23-S, R-26-E, Eddy County,  
New Mexico

Dear Mr. Knauf:

The following recommended mud program and B.O.P. program are presented for the above captioned well. We respectfully submit the following outlined program as an attachment to our application to drill, Form 331-C.

## Recommended Drilling Mud Program:

0' - 375' Spud mud, Aquagel flocculated with lime. Use cottonseed hulls and fibertex for loss of circulation, if it occurs. Set 13-3/8" surface casing at 375'.

375' - 5400' Drill out surface casing with brine water to minimize washout in the salt section. Circulate the reserve pit. Use hyseal for seepage of fluid. Treat brine with amine corrosion inhibitor to protect drill string. Lower fluid loss with impermex to set casing. Set 9-5/8" intermediate casing at 5400'.

5400' - 9800' Drill out with fresh water, keeping the pH at 10.5 with lime, and treat water with amine corrosion inhibitor for both the drill string and casing. Circulate the reserve pit. Add 10#/gal. brine to adjust weight of drilling fluid. Use hyseal for seepage loss of fluid.

9800' - 10,000' Displace hole with 10.2#/gal. brine. Use hyseal and micatex for seepage loss of fluid.

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D. C. C.  
ARTESIA, N.M.