

# J. M. Huber Corporation

1900 Wilco Building  
Midland, Texas 79701

OIL AND GAS  
DIVISION

April 16, 1974

TELEPHONE  
MUTUAL 2-3794

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

Re: J.M. Huber Corporation  
Mobil Federal No. 1  
1980' FN&WL Section 25,  
T-23-S, R-26-E,  
Eddy County, New Mexico

Dear Mr. Knauf:

The following recommended mud program, B.O.P. and drilling well control program, and land use program are presented for approval for the above captioned well. We respectfully submit the following outlined programs as an attachment to our application to drill, Form 9-331-C.

## Recommended Drilling Mud Program:

0 - 600' Fresh water spud mud, aquagel flocculated with lime. Use mica and fiber to control loss circulation.  
600' - 5400' Drill out 13-3/8" surface casing with brine water. Circulate a controlled section of the lined reserve pit. Use paper to control seepage loss of fluid. Treat brine water with lime, increase pH to 10+ to prevent drill string corrosion. Prior to running 9-5/8" intermediate casing, use flosal to clean hole.  
5400' - 9800' Drill out 9-5/8" intermediate casing with fresh water. Maintain pH in 10 range with lime, and treat water with amine corrosion inhibitor to protect drill string and 9-5/8" casing. Circulate a controlled section of the lined reserve pit. If fluid density needs to be increased, add 10 p.p.g. brine water to gain the required density. Use paper for seepage loss of fluid. No fluid loss control is needed through this interval.

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1974  
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