

Government F #1 Mud Program
1830' FSL 1950' FSL Sec. 14-7208-R25E
Eddy County, New Mexico

Depth 0 - 750'

Drill with fresh water spud mud. Mud wt. 8.5 - 10.0 ppg. If additional hole cleaning is required at casing point, add Flosal.

Depth 750' - 3100'

Drill with fresh water. Mud wt. 8.5 - 9.0 ppg. Viscosity 28-31 sec/qt. If returns are lost and cannot be regained with two pits of gel/LCM, dry drill with fresh water to casing depth.

Depth 3100 - 7000'

Drill with fresh water. Mud wt. 8.4 ppg. Viscosity 27 sec/qt. Add Paper-Ox for seepage and line for PH.

Depth 7000 - 8500'

Start raising mud wt. with potash brine to have a 9.6 ppg by 8500 feet. Add Paper-Ox seepage. Viscosity 29 sec/qt.

Depth 8500 - 9800'

Drill with potash brine. Mud wt. 9.6 - 10.0 ppg. Viscosity 29 sec/qt. Adjust KCL to 3% with sack potash.

Depth 9800 - 12,600'

Drill with Morrow protection fluid. Maintain mud wt. and fluid loss as hole conditions dictate.

If Morrow is productive and casing is set at 11,500' \pm , lower mud wt. to 9.2 ppg prior to entering Devonian.

If Morrow is non-productive and casing is not set at 11,500' \pm , cut mud wt. to minimum required to contain upper zones based DST information.

RECEIVED

JUN - 5 1973

D. S. CROOKER, JR.
GENERAL MANAGER

30-015-20871

12-10-73

Bereale Compensated
Louie Lag. Gamma Ray

3118 - 11,500

Deed Laterlog

3118 - 11,509

Compensated Neutron
Form. Density

80 - 11,501

OAPID 192463

PROP 27653

pool 73520



Oxford

STOCK No. 773 $\frac{1}{3}$

MADE IN U. S. A.

NC TDS PER ILB

Penn - 9760
Shawn - 10010
Atoka - 10400
No-1s - 10889
Mor C - 11023