

MARALO, INC.  
FEDERAL-CARSON NO. 1  
CHAVES COUNTY, NEW MEXICO

Production Casing (Cont'd):

First Stage: Class "H" cement with 0.8% HALAD-22 and 6# KCl per sack (slurry wt 15.9 PPG, slurry volume 1.21 CF/sack; 5.2 gal mixing water per sack; 3 hrs pumping time). Cement volume is to fill from casing shoe to DV stage cementing tool.

NOTE: Open DV tool and circulate out excess cement above tool --- then circulate slowly 8 hours while W.O.C. before beginning second stage.

Second Stage: Class "H", pozmix A 50-50 2% gel with 0.6% HALAD-22 and 5# salt per sack (slurry wt 14.5 PPG, slurry volume 1.28 CF/sack; 5.7 gal mixing water per sack; 3 hrs pumping time).

After the second stage plug is down the 5 1/2" OD casing is to be cut off, equipment nipped down and the rig released.

Completion:

Completion procedure will be determined after total depth is reached and zones of interest have been evaluated.

Logging:

Mud Logging Unit	8 5/8" Csg Seat to TD
GR-Compensated Neutron	Surface to TD
Dual Laterolog	8 5/8" Csg Seat to TD
Density	8 5/8" Csg Seat to TD
Microlaterolog	Selected Intervals

Drill Stem Tests:

DST's in the Morrow are anticipated; however, the exact number will be as required by the Geological Department when zones of interest are encountered.

Samples and Drilling Time:

10' drill cutting samples will be required from 2200' to TD.

10' drilling time will be required from surface to TD.

RECEIVED

JUN 13 1957

OIL CONSERVATION COMM.  
HOBBS, N. M.