

DRILLING PROGRAM  
H. W. Andrews #15  
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2nd Stage:

Lead = 300 sxs Class "C" + 4% Gel + 2%  $\text{CaCl}_2$

Tail = 200 sxs Class "H" + Thixotropic

7-7/8" x 5-1/2" (0.1733 cu ft/ft)(3600')(30% excess) = 875 sxs

5. Type and characteristics of the proposed circulating mud:

A. Mud Characteristics

<u>Depth</u>	<u>Mud Wt.</u>	<u>Vis</u>	<u>Ph</u>	<u>Weighting API STD</u>	<u>Material</u>
0' - 450'	8.5-8.8	45	8-10	NC	FW Gel
450' - 3600'	10.0-10.2	40-45	8-10	5-10	SW Gel

B. Mud Types

Fresh water gel mud will be used from surface to 450'.

Brine water gel mud will be used from 450'-3600'.

6. Testing, Logging and Coring programs to be followed:

A. DST: None anticipated

B. Cores: None anticipated

C. Electric Logs: DUAL LATEROLOG/MICRO-SFL/CAL/GR  
COMPENSATED NEUTRON/LITHO-DENSITY/CAL/GR  
DIGITAL ARRAY SONIC/GR

7. Any anticipated abnormal pressures or temperatures expected:

There are no over pressured formations anticipated in this wellbore.

8. Anticipated starting date and duration of the operations:

Anticipated starting date:

07-24-95

Estimated duration of operation:

7 days for drilling

7 days for completion

RECEIVED

JUL 24 1995  
OCD HOBBS  
OFFICE