

Liner - 3 1/2" 9.3# J55 EUE tubing will be run to total depth. It will be cemented with 75 cubic feet of cement (Top of cement at 6500').

5) Proposed Drilling Mud Program:

0-450' - native mud with added gel and lime to run casing. LCM if required.

450-2900' - brine water system with salt gel.

2900-6200' - fresh water.

6200' - TD - cut brine water with salt gel and starch for water loss control.

6) Coring, Logging and Testing Program:

No cores or drill stem tests are anticipated on this well.

A mud logging unit will be rigged up at 6200' and operated to total depth.

A Dual Induction Lateralog/GR will be run from TD to the intermediate casing shoe.

A CNL/FDC/GR log will be run from TD to 6200'.

7) Abnormal Bottom Hole Pressures, Temperatures or Other Hazards:

No abnormally high bottom hole pressures, temperatures or other hazards are anticipated in the subject well.

8) Anticipated Starting Date:

Grynberg anticipates commencing operations when approval is obtained and an approved copy of the APD is in hand.