

Dow "B" 33 Federal Well No. 1

Centralizer Program

Surface Casing: Centralize bottom five joints and every 4th joint to surface.

Intermediate Casing: Centralize bottom five joints.

Production Casing: Centralize bottom five joints and every other joint to 10800'. Centralize every 4th joint from 10800' to 7100'.

Mud Program

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>
0'-675'	Fresh Water	8.4	28
675'-5000'	Brine Water	10.0	34
5000'-12100'	Driscap	9.0-9.5	34

Blowout preventer will be installed after surface casing is set. BOP will be tested each time it is installed on a casing string and operated at least once each 24-hour period during drilling.