

No other formations are expected to contain oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8 5/8" surface casing at 300' and circulating cement back to the surface. Any zones below surface casing setting depth and above TD which contain commercial quantities of oil and/or gas will have cement circulated across them during cementing operations for the 4 1/2" production string which will be run to TD.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg.</u>	<u>Wt., Grade, Cond.</u>
12 1/4"	0 - 300'	8 5/8"	24.0#, LS NEW STC
7 7/8"	0 <del>300</del> - 2300'	4 1/2"	11.6#, NEW LS STC
	(See Schedule 1)		

Cement Program:

8 5/8" surface casing: Cemented to surface with 200 sacks of Class "C" Neet containing 1/4#/sk. Cellophane flakes + 3% CaCl<sub>2</sub>.

No Intermediate Casing will be required.

4 1/2" production casing:

Cemented with 270 sacks of Class "C" Lite containing 1/4 #/sack Cellophane flakes followed by 160 sacks of Class "C" Neet containing .4% fluid loss/sack + 5#/sack NaCl. This slurry is designed to bring the TOC back inside the surface casing.