

4. Existing Casing Proposed Casing Program

A. All casing below the surface will be existing or as proposed.

String	Size	Wt/ft	Grade	Thread Type	Setting Depth	Condition
1.	16"	65	H-40	NA	440'	Existing Cmt Circ.
2.	10 3/4	45.5/32	H-40	ST& C	3100'	Existing Cmt Circ.
3.	5 1/2	15.5	J-55	ST&C/LT&C	5000'	Proposed TOC 3000'

B. Cementing

1. The 5 1/2 production casing will be set at approximately 5100' in 9 1/2" hole using a float shoe, a float collar, and about 24 centralizers. The slurry design will be 550 Class 'C' Cement + 56.4% Water with a yield of 1.34 cf/sack.

5. Drilling Fluid Program

A. Fluid Characteristics

1. 0 to 5000 ft Fresh water, gel and lime. (If needed)

Weight	8.8 to 9.2 ppg
Viscosity	34 - 35 sec/qt
Fluid Loss	NC
Ph	NC
LCM	as needed

B. Adequate stocks of drilling fluid materials will be on hand to handle lost circulation and/or kicks should they occur. Crews will be alerted to any problems which occurred on nearby wells.

6. Testing, Logging, Coring, and Completion Programs

A. Testing:

N/A

B. Logging:

A Gamma Ray/Neutron correlation log will be run from the surface to TD.

C. Coring:

No coring is anticipated.

D. Samples:

N/A