C. Cement:

Casing	Depth	Cement Type	Approximate Cement Volume	Top of Cement (Gauge Hole)
Surface	400'	Class "C"	165 ft^3	Surface
Production	5150'	Class "C" + gel and Class "C"	390 ft^3	2900'

Calculated cement volume will be adequate to cover all hydrocarbon bearing formations.

D. Casing test procedures:

1. Surface casing (8 5/8") - 1000 psi test pressure.
2. Production casing (5 1/2") - 1500 psi test pressure.

5. Circulating Medium Characteristics

A. Type and anticipated characteristics of circulating medium:

Depth Interval	Mud Type	Weight (ppg)	FV (Sec/Qt)	PV (Cp)	YP (#/ 100 SF)	WL (cc/ 30 min)	pH
0-400'	Spud	8.3-8.5	26-28	———	No Control	———	
400-5150'	SBW	10-10.2	28-30	———	No Control	———	9.5-10.5

B. Quantities of mud and weighting materials:

A sufficient inventory of mud materials and treating equipment will be maintained to control mud properties adequately for well control and drilling requirements.

C. Mud system monitoring equipment:

Trip tank - tank will be used to keep hole full of fluid on trips and to monitor hole behavior on trips.

6. Anticipated Type and Amount of Coring, Testing, and Logging

Coring program: non anticipated.
Drill stem tests: non anticipated.
Logging program:

Logs	From	To
GR-CNL-LDT	5150'	0'

7. Bottom Hole Pressure and Other Potential Hazards

A. No H_2S is anticipated.

B. No abnormal pressure is anticipated.