

witnessed by ARCO's representative and will be noted on the IADC daily drilling report. Accessories to BOPE will include an upper kelly cock, lower kelly cock, and floor safety valve all with pressure rating equivalent to the BOP stack.

5. Proposed Casing and Cementing Program

	<u>Hole Size</u>	<u>Interval, M.D.</u>	<u>Casing Size</u>	<u>Weight & Grade</u>
Surface	17 1/2"	0-550'	13-3/8"	48.0# H-40
Intermediate	12 1/4"	550'-2600'	9-5/8"	36.0# J-55
Production	8 3/4"	2600'-10,000'	5-1/2"	17.0# L-80

Cement Program: (Actual volumes will be based on caliper log when available)

Surface - Cemented to surface with total of ± 250 cu ft as follows:
575 sks Class "C" + 2% CaCl₂ + 1/4 pps Cello-Seal

Intermediate - Cement to surface with total of ± 1600 cu ft as follows:
Lead Slurry - ± 300 sls C/Poz + 10% D-20 + 5#/sk D-44 + 1/4 pps Cello-Seal
Tail Slurry - ± 550 sls Class "C" Cement

Production - Cement to surface with total of ± 1700 cu ft as follows:
1000 sks Class "H" + 1 gal D600 + 0.1 gal D604B + 0.05 gal M45 +
2% D28 + 0.1% D153 + 0.2% D800

6. Mud Program

<u>Depth</u>	<u>Mud Type</u>	<u>Weight ppg</u>	<u>Funnel Viscosity</u>	<u>Water Loss</u>
0-550'	Spud Mud	8.4-8.9	29-32	NC
550'-2600'	SBW	+10.0	29-32	NC
2600'-9200'	FW	8.4-9.0	28-30	NC
9200'-10,000'	FW LSND	8.6-9.4	35-45	<10

7. Auxiliary Equipment

Upper Kelly Cock, Lower Kelly Cock, and Full Opening Stabbing Valve

8. Testing, Coring and Logging Program

- Drill Stem Tests - One DST in Morrow formation.
- Coring - None planned.
- Logging - Mud logging planned from 5000' to TD.
- Electric Logs

Open Hole:	DLL/MLL, CNL/LDT, Sonic:	Shoe of 9 5/8" csg to TD
Cased Hole:	GR/CNL	Surface to shoe of 9 5/8" csg
	GR/CCL	TD to top cement in prod csg