

Surface:	Preflush	20 bbl.	FreshWater	
	Slurry 1	145 sx Class B Cement		172 cu. ft.
	TOC@Surface	+ 2% CaCl2 (accelerator)		
		0.25 #/sk Cellophane Flake (lost circulation additive)		

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	15.6	1.19	5.2

Casing Equipment:

- 9 5/8", 8R, ST&C
- 1 Guide Shoe
- 1 Top Wooden Plug
- 1 Autofill insert float valve
- 4 Centralizers
- 1 Stop Ring
- 1 Thread Lock Compound

Intermediate:

Fresh Water &	20 bbl	fresh water	
Mud Flush	20 bbl	Mud flush	
Spacer	20 bbl	fresh water	
Lead		175 sx Class "B" Cement	504 cu.ft.
Slurry 1		+ 3% D79 extender	
TOC@Surface		+ 10 #/sk Kolite (lost circulation add.)	
		+1/4 #/sk. Cellophane Flake	
Tail		150 sx 50/50 Class "B"/Poz	205 cu.ft.
Slurry 2		+ 2% gel (extender)	
		+ 10 #/sk Kolite (lost circulation add.)	
		+1/4 #/sk. Cellophane Flake	
		+ 2% CaCl2 (accelerator)	

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	11.4	2.88	16.62
Slurry 2	13.5	1.37	5.9

Casing Equipment:

- 7", 8R, ST&C
- 1 Float Shoe (autofill with minimal LCM in mud)
- 1 Float Collar (autofill with minimal LCM in mud)
- 1 Stop Ring
- 9 Centralizers (one in middle of first joint, then every third collar)
- 2 Fluidmaster vane centralizers @ base of Ojo
- 8 Centalizers one every 4th joint from Ojo to base of surface casing
- 1 Top Rubber Plug
- 1 Thread Lock Compound