

# CEMENTING PROGRAM

## Moore #25-R

### Protective Casing: (mud drilled)

Preflush, 1st stage	20 bbl.	Mud Flush	
	20 bbl.	Fresh Water + 2% KCl	
Lead, 1st stage		50/50 Std. Cmt/Poz A + Nitrogen	435 cu. ft.
slurry 1		+ 2% gel (total)	
TOC =	2100 ft.	+ 5 lb/sk gilsonite	
		+ 0.4% Halad-344	
		+ SCR-100 (as required)	
		+ 1/4 lb/sk flocele	
Tail, 1st stage		50/50 Std. Cmt/Poz A	290 cu. ft.
slurry 1		+ 2% gel (total)	
TOC =	4200 ft. TVD	+ 5 lb/sk gilsonite	
		+ 0.4% Halad-344	
		+ SCR-100 (as required)	
		+ 1/4 lb/sk flocele	

### Slurry Properties:

	density (lb/gal)	yield (ft <sup>3</sup> /sk)	water (gal/sk)
slurry 1	13.50	1.32	5.59

### Casing Equipment:

Halliburton	7", 23 ppf, LT&C	
1 Float Shoe		
1 Formation Packer Collar		
1 Metal Cement Baskets	1 above the Cliff House	
20 Fluidmaster Centralizers	1 ea. on 1st two joints, then 1 every other collar	
1 Top Rubber Plug		
3 Lock Clamp		
1 Weld A		