

CEMENT

TYPE OF STRING

INTERVAL (FT)

FROM-TO TYPE MIX

GEL%

SALT%

CaCl2

SLURRY

WEIGHT

L.B./GAL

SLURRY

YIELD

OF/SKX

TOTAL AMT.

REQUIRED

SKX/CF

FILL UP

BHT

SIZE

REMARKS

(S) 0-1450'	Class 'C' 4% (lead)	--	2%	13.1	1.88	420/790	Circ.	85°F	12 1/4"	100% excess. Add 1/4#/sx. flocele lost circulation occurs.
(P) 0-6760'	Class 'C' (tail-in) (1st Stage)	--	2%	14.8	1.32	95/125	--	--	--	
	Class 'C' 4% (lead)	3#/sx.	--	13.1	1.88	255/481	To DV Tool @ +4000'	95°F	8 3/4"	100% excess. Add 1/4#/sx. flocele lost circulation occurs.
	Class 'C' (tail-in) (2nd Stage)	3#/sx.	--	14.8	1.32	265/349	--	--	--	
	Lite-Wate (lead)	18%	--	13.2	1.93	925/1784	Circ.	95°F	8 3/4"	200% excess. Add 1/4#/sx. flocele lost circulation occurs.
	Class 'C' (tail-in)	3#/sx.	--	14.8	1.32	65/86				

REMARKS

- 1) Lab test slurry for production casing.
- 2) Condition mud to have low plastic viscosity and yield strength.
- 3) Precede cement w/500 gals. mud flush.
- 4) Utilize top and bottom plugs. Pump top plug down w/TFW.
- 5) Reciprocate casing while cementing.
- 6) Recalculate cement volumes from OH caliper logs.
- 7) Reduce mud viscosity prior to cementing.