

Cement -

Desired Top Surface Type Cement (slurry wt, yield factor & est sx) Cement with 525 sacks of Class C cement containing 2 % CaCl and $\frac{1}{4}$ # Flocele/sack. Thread lock bottom 3 joints and tack weld the factory side of the bottom 3 joints.

Percent excess 100 % Caliper Survey Yes, X No
 Required ft 3 694
 Placement time 15 min Minimum Thickening Time 140 min

Head -

Accessories - 3 Halco spring type centralizers on bottom 3 joints.
 Float shoe and Float collar.

3. First Intermediate Casing - 9 5/8"

Hole Size 12.25 Clearance 1.63
 Depth 3000 ft
 Casing 10.625 " OD

Interval	Footage	Wt/Ft	Grade	Type Jt	Intvl Wt	Cum Wt	CALC SAFETY FACTORS			
							Ten	Col	TB	BB
0-3000	3000	36	J-55	ST&C	108000	108000	-	-	-	-

Cement -

Desired Top Surface Type Cement (slurry wt, yield factor & est sx) Cement with 500 sacks Halco "Light" with 18% salt + $\frac{1}{4}$ # /sack Flocele (13.2 PPG., 1.91 ft.³/sack) followed by 375 sacks API Class "C" with 2% CaCl - (14.8 PPG.; 1.32 ft.³/sack.)