

CEMENT

TYPE OF STRING INTERVAL (FT) FROM-TO TYPE MIX	GEL %	SALT %	CaCl ₂	SLURRY WEIGHT LB./CF	SLURRY YIELD CF/SKX	TOTAL AMT. REQUIRED SKX/CF	FILL UP	BHT	SIZE	REMARKS
(C) 0-650 CLASS "C"	6%		2%	12.8	2.03	(775) 1573	Circ.		.26"	100% excess. Add 1/4-1/2 #/sk flocele for lost circ.
Class "C"			2%	14.8	1.32	(300) 396				
0-3980 CLASS "C"	12%	3#/sk	2%	12.2	2.50	(1530) 3825	Circ.		14 3/4"	100% excess. Add flocele for lost circ.
Class "C"		3#/sk	2%	14.8	1.32	(600) 792				

NOTE: 2 DV Tools will be installed - 3 cement stages will be pumped - each stage to be tailed
in with 200 sx 14.8# slurry - exact volumes will be recalculated from log caliper. Circ.
4-6 hours between stages.

(P) 0-12000' - DV tool at $\pm$ 7180' & Lynes ECP at $\pm$ 7200'.

200° F. 9 1/2"

ARND SHOE.

Class "H"	16%	12.4	2.41	(400) 954	to 7180'	50% excess. 1/2 of 1% CFR- & 1/4#/sk flocele.
Class "H"		5#/sk KCL	16.0	1.15	(300) 345 - Add 8/10 of 1% Halad 22 and 4/10 of 1% CFR-2.	

Open DV tool - Circ. out excess cement - pump water base packer
fluid & oil base mud (vol. to be calculated from caliper) - follow
with 50 sacks class "C" cement mixed at $\pm$ 15.0 ppg - close DV tool.
Cement mixing tests will be ran 5-7 days before csg. depth reached.