

BJ SERVICES COMPANY
CEMENTING RECOMMENDATION
LONG STRING

STAGE 2 COLLAR DEPTH 5000 FT

EST. STATIC TEMP. 120 DEG F
 EST. CIRC. TEMP. 110 DEG F

VOLUME CALCULATIONS

3000 FT X 0.1732 CU-FT/FT WITH 75 % EXCESS = 910 CU-FT

TOTAL SLURRY VOLUME: 910 CU-FT
 162 BBLs

SLURRY NO.	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
1	910	/ 1.36	= 670 SACKS CLASS C
			+ 0.700 % FL-62 + 0.300 % CD-32
			+ 3.000 % SALT + 0.300 % SM
			+ 57.000 % WATER

DISPLACEMENT FLUID: 185.0 BBL WATER @ 8.33 LB/GAL

CEMENT PROPERTIES

	SLURRY NO. 1
SLURRY WEIGHT (LB/GAL)	14.77
SLURRY YIELD (CU-FT PER SACK)	1.36
AMOUNT OF MIX WATER (GALS PER SACK)	6.43
ESTIMATED PUMP TIME (HH:MM)	2:35
FREE WATER (CC)	0.0
FLUID LOSS (CC/30 Min.):	
AT 1000 PSI AND 0 F	350

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