

Operator Name: Conoco
 Well Name: SEMU Burger #141
 Job Description: 5-1/2" Long String
 Date: December 2, 1999

Proposal No: 160282710A

FLUID SPECIFICATIONS

Spacer				1,500.0 gals Mud Clean I @ 8.4 ppg
FLUID	VOLUME CU-FT		VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	555	/	1.85	= 300 sacks (35:65) Poz (Fly Ash):Class C Cement + 0.25 lbs/sack Cello Flake + 0.005 gps FP-6L + 6% bwoc Bentonite + 95.7% Fresh Water
Tail Slurry	470	/	1.34	= 350 sacks Class C Cement + 1% bwoc BA-58 + 0.8% bwoc FL-50 + 0.4% bwoc CD-32 + 0.005 gps FP-6L + 0.2% bwoc Sodium Metasilicate + 55.8% Fresh Water
Displacement				101.4 bbls FRESH WATER + 55.8% Fresh Water

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	12.70	14.80
Slurry Yield (cf/sack)	1.85	1.34
Amount of Mix Water (gps)	9.98	6.29
Amount of Mix Fluid (gps)	9.99	6.30