

Schlumberger
Dowell

CemDABE Cement Test Report

August 10, 1995
DATE OF TEST : 10-aug-1995

TEST NUMBER : NPD561800001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : PHILLIPS 3

CEMENT
Class : H
Blend : 5050
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID
Density : 8.32 lb/gal
Volume : 6.30 gal/sk
Type : LO
Total liquid : 6.30 gal/sk

SLURRY
Density : 14.20 lb/gal
Yield : 1.35 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW
D800	0.300	% BWOC

B.H.S.T. : 129.0 F
B.H.C.T. : 114.0 F

Rheological model (Dial 1) : Bingham Plastic
 T_y : 12.122 lbf/100 ft²
 P_o : 16.861 cP
Correlation coefficient : 0.999

Thickening Time : 4 hr15 mn to 70 BC
API Schedule :
Set condition :
Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35
Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	29.0	0.0
200.0	23.0	0.0
100.0	18.0	0.0
60.0	15.0	0.0
30.0	14.0	0.0
6.0	12.0	0.0
3.0	12.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

Compressive strength		
PSI	Hours	Temp. (F)
120	6.0	129.0
835	12.0	129.0
1365	24.0	129.0

Comment :

FIELD BLEND THICKENING TIME INCLUDES RUN 1 HR, STOP 45 MIN, & RESTART
50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.3%D800 + 0.25#/SKD29
LOCATION WATER USED
LONG STRING 1ST STAGE 7100' POD=3:35