

Schlumberger
Dowell

CemDABE Cement Test Report

July 24, 1996
DATE OF TEST : 24-jul-1996

TEST NUMBER : NPD651400002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : COOPER JAL 420

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 5.20 gal/sk
Type : LO
Total liquid : 5.20 gal/sk

SLURRY
Density : 15.60 lb/gal
Yield : 1.18 ft³/sk

B.H.S.T. : 108.0 F
B.H.C.T. : 98.0 F

No additives

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

Rheological model (Dial 1) : Bingham Plastic
 T_y : 28.383 lbf/100ft²
 P_y : 18.666 cP
Correlation coefficient : 0.986

Thickening Time : 3 hr50 mn to 70 BC
API Schedule :
Set condition :
Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	47.0	0.0
200.0	40.0	0.0
100.0	36.0	0.0
60.0	31.0	0.0
30.0	27.0	0.0
6.0	26.0	0.0
3.0	19.0	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)
700	6.0	108.0
1300	12.0	108.0
1800	24.0	108.0

Comment :

FIELD BLEND
CLASS H-NEAT
LOCATION WATER USED
LONG STRING TAIL 3825' POD = 2:45