

Schlumberger

Dowell

CemDABE Cement Test Report

October 30, 1995

DATE OF TEST : 29-oct-1995

TEST NUMBER : NPD585300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM A E STATE 27

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 9.11 gal/sk
Type : LO
Total liquid : 9.11 gal/sk

SLURRY

Density : 13.50 lb/gal
Yield : 1.74 ft³/sk

B.H.S.T. : 93.0 F

B.H.C.T. : 89.0 F

ADDITIVES		
Code	Concent.	Unit
D020	4.000	% BWOC
S001	2.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 48.850 lbf/100 ft²

P_y : 27.114 cP

Correlation coefficient : 0.952

Thickening Time : 3 hr20 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	74.0	0.0
200.0	70.0	0.0
100.0	56.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	33.0	0.0
3.0	22.0	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)
410	6.0	93.0
805	12.0	93.0
1300	24.0	93.0

Comment :

FIELD BLEND

CLASS C + 4%D20 + 2%S1

LOCATION WATER USED

SURFACE LEAD 1700' POD = 1:35