

Schlumberger**Dowell****CemDABE Cement Test Report**

November 21, 1995

DATE OF TEST : 21-nov-1995

TEST NUMBER : NPD591000002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : NM AE STATE 27

CEMENT

Class : H

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 5.28 gal/sk

Type : LO

Total liquid : 5.28 gal/sk

SLURRY

Density : 15.60 lb/gal

Yield : 1.18 ft³/sk

B.H.S.T. : 119.0 F

B.H.C.T. : 107.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 8.030 \text{ lbf}/100 \text{ ft}^2$ $P_v : 18.076 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 3 hr49 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	26.0	0.0
200.0	20.0	0.0
100.0	14.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	6.0	0.0
3.0	5.0	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)
425	6.0	119.0
1200	12.0	119.0
1825	24.0	119.0

Comment :

FIELD BLEND

CLASS H NEAT

LOCATION WATER USED

LONG STRING 2D STAGE TAIL 5500'