

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

June 7, 1995

DATE OF TEST : 07-jun-1995

TEST NUMBER : NPD543200001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM STATE H 4

CEMENT

Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.32 gal/sk
Type : LO
Total liquid : 6.32 gal/sk

SLURRY

Density : 14.80 lb/gal
Yield : 1.32 ft³/sk

B.H.S.T. : 90.0 F

B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 20.579 \text{ lbf}/100 \text{ ft}^2$ $P_o : 16.887 \text{ cP}$

Correlation coefficient : 0.966

Thickening Time : 1 hr52 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	38.0	0.0
200.0	30.0	0.0
100.0	28.0	0.0
60.0	23.0	0.0
30.0	19.0	0.0
6.0	17.0	0.0
3.0	13.0	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)
625	6.0	90.0
1385	12.0	90.0
1875	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE 400' POD = 1:22