



Dowell

**CemDABE Cement Test Report**

October 29, 1994

DATE OF TEST : 29-oct-1994

TEST NUMBER : NPD471900001

**CUSTOMER** : TEXACO  
**FIELD** : LEA NM  
**WELL** : NM C ST NCT2 10 H

**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 ft<sup>3</sup>/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  
 $T_y : 24.235 \text{ lbf}/100\text{ft}^2$   
 $P_v : 16.626 \text{ cP}$   
 Correlation coefficient : 0.977

Rheological data		
Temp. (F)	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	40.0	0.0
200.0	36.0	0.0
100.0	31.0	0.0
60.0	26.0	0.0
30.0	20.0	0.0
6.0	17.0	0.0
3.0	14.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10 minutes Gel : 0.0		

**Thickening Time** : 2 hr40 mn to 70 BC  
 API Schedule :  
 Set condition :  
 Consistometer serial number :

No Fluid Loss data available  
 No Free Water data available

Compressive strength		
PSI	Hours	Temp. (F)
600	6.0	90.0
1400	12.0	90.0
2000	24.0	90.0

Comment :

FIELD BLEND  
 CLASS C + 2% S1  
 LOCATION WATER USED  
 SURFACE 425' POD = 1:17