

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

August 20, 1994

DATE OF TEST : 20-aug-1994

TEST NUMBER : NPD448200002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : HARRISON C 3

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

Rheological model (Dial 1) : Bingham Plastic

 T_y : 24.232 lb_f/100 ft² P_v : 12.980 cP

Correlation coefficient : 0.997

Thickening Time : 2 hr16 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number .

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	80.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	37.0	0.0
200.0	33.0	0.0
100.0	28.0	0.0
60.0	27.0	0.0
30.0	26.0	0.0
6.0	21.0	0.0
3.0	16.0	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)
610	6.0	90.0
1400	12.0	90.0
1996	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE 1180'