

September 9, 1994

DATE OF TEST : 09-sep-1994

TEST NUMBER : NPD455000001

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : E H B PHILLIPS 2

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

BHST : 90.0 F

B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	1.000	% BWOC

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 18.742 \text{ lbf}/100 \text{ ft}^2$ $P_v : 21.141 \text{ cP}$

Correlation coefficient : 0.942

Thickening Time : 2 hr50 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	38.0	0.0
200.0	35.0	0.0
100.0	28.0	0.0
60.0	20.0	0.0
30.0	17.0	0.0
6.0	13.0	0.0
3.0	9.0	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)
750	6.0	90.0
1679	12.0	90.0
1960	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 1% S1

LOCATION WATER USED

SURFACE 425'

POD = 2:19