

September 22, 1994

DATE OF TEST : 22-sep-1994

TEST NUMBER : NPD458500002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : H T MATTERN 6

CEMENT

Class : H

Blend : 5050

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.30 gal/sk

Type : LO

Total liquid : 6.30 gal/sk

SLURRY

Density : 14.20 lb/gal

Yield : 1.35 ft³/sk

ADDITIVES

Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 106.0 F

B.H.C.T. : 97.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

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

Correlation coefficient : 0.992

Thickening Time : 3 hr32 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) :	80.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	37.0	0.0
200.0	32.0	0.0
100.0	27.0	0.0
60.0	23.0	0.0
30.0	21.0	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		

Compressive strength

PSI	Hours	Temp. (F)
78	6.0	106.0
760	12.0	106.0
1210	24.0	106.0

Comment :

FIELD BLEND

50/50 PDZ/H + 2% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING 3725' TAIL POD = 2:28