

April 8, 1996

DATE OF TEST : 06-apr-1996

TEST NUMBER : NPD625000001

CUSTOMER : TEXACO DRLG
FIELD : LEA NM
WELL : NM STATE H 25

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 10.32 gal/sk
Type : LO
Total liquid : 10.32 gal/sk

SLURRY

Density : 12.80 lb/gal
Yield : 1.93 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 103.0 F

B.H.C.T. : 95.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 14.053 lb_f/100ft²

P_o : 9.038 cP

Correlation coefficient : 1.000

Thickening Time : 6 hr29.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)	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	23.0	0.0
200.0	20.0	0.0
100.0	17.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	15.0	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)
126	6.0	103.0
220	12.0	103.0
330	24.0	103.0

Comment :

FIELD BLEND

35/65 POZ/H + 6% D20 + 5% D44(BWOW) + 1/4PPS D29

LOCATION WATER USED

LONG STRING LEAD 3600' POD = 4:28