

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

April 9, 1996

DATE OF TEST : 09-apr-1996

TEST NUMBER : NPD625000002

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

CEMENT
 Class : H
 Blend : 5050
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 6.52 gal/sk
 Type : LO
 Total liquid : 6.52 gal/sk

SLURRY

Density : 14.20 lb/gal
 Yield : 1.39 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 103.0 F
 B.H.C.T. : 95.0 F

Rheometer type : Fann 35
 Spring factor : 1.0
 Bob No : 1
 Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 T_y : 17.399 lbf/100ft² P_v : 16.570 cP

Correlation coefficient : 0.999

Thickening Time : 3 hr29 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) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	34.0	0.0
200.0	28.0	0.0
100.0	23.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	16.0	0.0
3.0	13.0	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)
100	6.0	103.0
610	12.0	103.0
1176	24.0	103.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING TAIL 3600' POD =1:58