

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

June 24, 1995

DATE OF TEST : 24-jun-1995

TEST NUMBER : NPD547400002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : V M HENDERSON 13

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. : 110.0 F
B.H.C.T. : 100.0 F

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

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 29.989 \text{ lbf}/100\text{ft}^2$ $P_o : 23.963 \text{ cP}$

Correlation coefficient : 0.994

Thickening Time : 4 hr 5 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	53.0	0.0
200.0	47.0	0.0
100.0	38.0	0.0
60.0	34.0	0.0
30.0	29.0	0.0
6.0	26.0	0.0
3.0	19.0	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)
90	6.0	110.0
510	12.0	110.0
1080	24.0	110.0

Comment :

FIELD BLEND

50/50POZ/H + 2%D20 + 5%D44(BWOW) + 1/4#SKD29

LOCATION WATER USED

LONG STRING TAIL 3700' POD = 2:50