

Schlumberger

Dowell

CemDABE Cement Test Report

May 31, 1995

DATE OF TEST : 31-may-1995

TEST NUMBER : NPD540600001

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : COOPER JAL 415

CEMENT
 Class : C
 Blend :
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 6.31 gal/sk
 Type : LO
 Total liquid : 6.31 gal/sk

SLURRY

Density : 14.80 lb/gal
 Yield : 1.34 ft³/sk

B.H.S.T. : 90.0 F

B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
S001	2.000	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 14.756 \text{ lbf}/100\text{ft}^2$ $P_y : 12.415 \text{ cP}$

Correlation coefficient : 0.999

Thickening Time : 2 hr30 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	27.0	0.0
200.0	23.0	0.0
100.0	19.0	0.0
60.0	17.0	0.0
30.0	14.0	0.0
6.0	13.0	0.0
3.0	11.0	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)
610	6.0	90.0
1390	12.0	90.0
1875	24.0	90.0

Comment :

FIELD BLEND

CASS C + 2XS-1

LOCATION WATER USED

SURFACE 400' POD = 1:58

RECEIVED

JUN 25 1955
OLD FORDS
OFFICE