

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

April 2, 1996

DATE OF TEST : 02-apr-1996

TEST NUMBER : NPD623600003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : SKELLY D STATE 5

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 5.20 gal/sk
Type : LO
Total liquid : 5.20 gal/sk

SLURRY
Density : 15.60 lb/gal
Yield : 1.18 ft³/sk

B.H.S.T. : 103.0 F

B.H.C.T. : 96.0 F

No additives

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 29.109 \text{ lbf}/100 \text{ ft}^2$ $P_y : 16.570 \text{ cP}$

Correlation coefficient : 0.988

Thickening Time : 3 hr50 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	46.0	0.0
200.0	39.0	0.0
100.0	35.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	21.0	0.0
3.0	18.0	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)
250	6.0	103.0
1400	12.0	103.0
1950	24.0	103.0

Comment :

FIELD BLEND

CLASS H-NEAT

LOCATION WATER USED

LONG STRING 2ND STAGE TAIL 3650' POD = 2:55