

Schlumberger

Dowell

CemDABE Cement Test Report

October 21, 1994

DATE OF TEST : 21-oct-1994

TEST NUMBER : NPD469900001

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : NM H ST NCT2 33

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 6.32 gal/sk

Type : LO

Total liquid : 6.32 gal/sk

SLURRY

Density : 14.80 lb/gal

Yield : 1.32 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

 $T_v : 30.958 \text{ lbf}/100\text{ft}^2$ $P_v : 10.332 \text{ cP}$

Correlation coefficient : 0.998

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	41.0	0.0
200.0	38.0	0.0
100.0	34.0	0.0
60.0	33.0	0.0
30.0	32.0	0.0
6.0	26.0	0.0
3.0	21.0	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)
612	6.0	90.0
1379	12.0	90.0
1870	24.0	90.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE 425'