

Schlumberger

Dowell

CemDABE Cement Test Report

November 21, 1995

DATE OF TEST : 21-nov-1995

TEST NUMBER : NPD591000001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM AE STATE 27

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 10.53 gal/sk
Type : LO
Total liquid : 10.53 gal/sk

SLURRY

Density : 12.80 lb/gal
Yield : 1.93 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 119.0 F
B.H.C.T. : 107.0 F

Rheological model (Dial 1) : Bingham Plastic

-- T_v : 32.121 lbf/100ft²
 P_v : 12.051 cP

Correlation coefficient : 1.000

Thickening Time : 5 hr12 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	44.0	0.0
200.0	40.0	0.0
100.0	36.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	25.0	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)
175	6.0	119.0
400	12.0	119.0
590	24.0	119.0

Comment :

FIELD BLEND

35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING 2D STAGE LEAD 5500' POD = 2:38