

Schlumberger
Dowell

CemDABE Cement Test Report

August 22, 1996

DATE OF TEST : 22-aug-1996

TEST NUMBER : NPD658300001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : CC FRISTOE B FED2 18

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 11.95 gal/sk
Type : LO
Total liquid : 11.95 gal/sk

SLURRY

Density : 12.40 lb/gal
Yield : 2.14 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.260	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 115.0 F

B.H.C.T. : 104.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 31.786 lbf/100ft²

P_v : 10.544 cP

Correlation coefficient : 0.997

Thickening Time : 6 hr48 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	42.0	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	15.0	0.0
3.0	12.0	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)
70	6.0	115.0
380	12.0	115.0
554	24.0	115.0

Comment :

FIELD BLEND

35/65 P02/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

INTERMEDIATE 4700' LEAD POD = 2:40