

Schlumberger

Dowell

CemDABE Cement Test Report

October 5, 1996

DATE OF TEST : 05-oct-1996

TEST NUMBER : NPD670100001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : CC FRISTOE BFED 2-18

CEMENT
Class : H
Blend : 5050
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.30 gal/sk
Type : LO
Total liquid : 6.30 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.35 ft³/sk

B.H.S.T. : 140.0 F

B.H.C.T. : 117.0 F

ADDITIVES

Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_v : 25.763 lbf/100ft²

P_v : 15.063 cP

Correlation coefficient : 0.974

Thickening Time : 8 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	40.0	0.0
200.0	37.0	0.0
100.0	30.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	18.0	0.0
3.0	15.0	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)
100	6.0	140.0
800	12.0	140.0
1300	24.0	140.0

Comment :

FIELD BLEND

50/50P02/H + 2%D20 + 5%D44(BWOW) + 0.25PPSD29

LOCATION WATER USED

CMT LEAD 9700' POD = 6:50