

Schlumberger

Dowell

CemDABE Cement Test Report

July 30, 1995

DATE OF TEST : 30-jul-1995

TEST NUMBER : NPD557800002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : PHILLIPS 3

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 9.11 gal/sk
Type : LO
Total liquid : 9.11 gal/sk

SLURRY

Density : 13.50 lb/gal
Yield : 1.74 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	4.000	% BWOC
S001	2.000	% BWOC

B.H.S.T. : 92.0 F

B.H.C.T. : 88.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 20.637 lb_f/100ft²

P_v : 14.499 cP

Correlation coefficient : 0.996

Thickening Time : 2 hr42 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	35.0	0.0
200.0	30.0	0.0
100.0	26.0	0.0
60.0	23.0	0.0
30.0	20.0	0.0
6.0	18.0	0.0
3.0	14.0	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)
405	6.0	92.0
810	12.0	92.0
1025	24.0	92.0

Comment :

FIELD BLEND

CLASS C + 4% D20 + 2% S1

LOCATION WATER USED

SURFACE LEAD 1150' POD = 1:20