

Schlumberger

Dowell

CemDABE Cement Test Report

July 30, 1995

DATE OF TEST : 30-jul-1995

TEST NUMBER : NPD557800001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : PHILLIPS 3

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. : 92.0 F

B.H.C.T. : 88.0 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_y : 31.001 lb_f/100ft²

P_v : 19.839 cP

Correlation coefficient : 0.993

Thickening Time : 1 hr48 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	50.0	0.0
200.0	45.0	0.0
100.0	38.0	0.0
60.0	34.0	0.0
30.0	31.0	0.0
6.0	23.0	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)
1060	6.0	92.0
1424	12.0	92.0
2020	24.0	92.0

Comment :

FIELD BLEND

CLASS C + 2% S1

LOCATION WATER USED

SURFACE TAIL 1150' POD = 0:58

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FAX NO. 15053933132

DOWELL HOBBS

JUL-31-95 MON 19:03