

Schlumberger

Dowell

CemDABE Cement Test Report

August 10, 1995

DATE OF TEST : 10-aug-1995

TEST NUMBER : NPD561800002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : PHILLIPS 3

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

B.H.S.T. : 108.0 F

B.H.C.T. : 98.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% 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_y : 35.801 lbf/100ft²

P_v : 9.038 cP

Correlation coefficient : 0.982

Thickening Time : 5 hr27 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	45.0	0.0
200.0	41.0	0.0
100.0	39.0	0.0
60.0	38.0	0.0
30.0	37.0	0.0
6.0	34.0	0.0
3.0	21.0	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)
120	6.0	108.0
240	12.0	108.0
300	24.0	108.0

Comment :

FIELD BLEND

35/65POZ/H + 6%D20 + 5%D44(BWOW) + 0.25LB/SKD29

LOCATION WATER USED

LONG STRING 2ND STAGE LEAD 4000' POD = 4:05