

Schlumberger

Dowell

CemDABE Cement Test Report

October 4, 1993

DATE OF TEST : 30-sep-1993

TEST NUMBER : NPD349400002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : RHO YATES UNIT 17

CEMENT

Class : C

Blend :

Brand : LONESTAR

Plant : MARYNEAL TX

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. : 90.0 F

B.H.C.T. : 85.0 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 : 25.881 lb_f/100ft²

P_v : 12.719 cP

Correlation coefficient : 0.993

Thickening Time : 3 hr30 mn to 70 BC

API Schedule : 1G1

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheological data		
Temp. (F) :	80.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	38.0	0.0
200.0	35.0	0.0
100.0	30.0	0.0
60.0	28.0	0.0
30.0	25.0	0.0
6.0	19.0	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)
600	6.0	90.0
1400	12.0	90.0
2000	24.0	90.0

Comment :

C + 2% S1

TAIL FIELD BLEND

LOCATION WATER USED

TVD-1050

HOBBS LAB