

Schlumberger

Dowell

CemDABE Cement Test Report

April 29, 1995

DATE OF TEST : 29-apr-1995

TEST NUMBER : NPD529900002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : R R SIMS 1

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. : 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 : 23.842 lbf/100ft²
 P_o : 17.798 cP

Correlation coefficient : 0.984

Thickening Time : 2 hr20 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	41.0	0.0
200.0	36.0	0.0
100.0	31.0	0.0
60.0	26.0	0.0
30.0	20.0	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)
1050	6.0	90.0
1390	12.0	90.0
1749	24.0	90.0

Comment :

FIELD BLEND
CLASS C + 2XS1
LOCATION WATER USED
SURFACE TAIL 1200'