

Schlumberger

Dowell

CemDABE Cement Test Report

May 3, 1996

DATE OF TEST : 03-may-1996

TEST NUMBER : NPD632200001

CUSTOMER : TEXACO
 FIELD : EDDY NM
 WELL : REMUDA BASIN FED 1

CEMENT
 Class : H
 Blend : 5050
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 6.18 gal/sk
 Type : LO
 Total liquid : 6.18 gal/sk

SLURRY

Density : 14.20 lb/gal
 Yield : 1.34 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D013	0.250	% BWOC
D020	2.000	% BWOC
D029	0.270	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 133.0 F
 B.H.C.T. : 116.0 F

Rheometer type : Fann 35
 Spring factor : 1.0
 Bob No : 1
 Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

--- τ_y : 15.726 lb_f/100ft² P_o : 16.570 cP

Correlation coefficient : 0.999

Thickening Time : 6 hr19 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	32.0	0.0
200.0	27.0	0.0
100.0	21.0	0.0
60.0	0.0	0.0
30.0	0.0	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)
128	6.0	133.0
725	12.0	133.0
1496	24.0	133.0

Comment :

FIELD BLEND

50/50 POZ/H + 2% D20 + 5% D44 (BWOW) + 0.25% D13 + 0.25PPS D29

LOCATION WATER USED

LONG STRING 1ST STAGE 7400' POD = 3:25