

Schlumberger
Dowell

CemDABE Cement Test Report

December 4, 1996

DATE OF TEST : 04-dec-1996

TEST NUMBER : NPD684000003

CUSTOMER : TEXACO
FIELD : EDDY NM
WELL : COTTON DRAW 76

CEMENT

Class : H
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 5.25 gal/sk
Type : LO
Total liquid : 5.25 gal/sk

SLURRY

Density : 15.60 lb/gal
Yield : 1.18 ft³/sk

B.H.S.T. : 175.0 F

B.H.C.T. : 145.0 F

ADDITIVES		
Code	Concent.	Unit
D800	0.400	% BWOC

Rheometer type : Fann 35

Spring factor : 1.0

Boh No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 2 146 lbf/100ft²

P_y : 18.119 cP

Correlation coefficient : 0.993

Thickening Time : 3 hr32 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	21.0	0.0
200.0	13.0	0.0
100.0	8.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	3.0	0.0
3.0	2.0	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)
1100	6.0	175.0
1679	12.0	175.0
2180	24.0	175.0

Comment :

FIELD BLEND

CLASS H + 0.4% D800

LOCATION WATER USED

INTERMEDIATE 12000' 1ST STAGE TAIL POD = 3:08