

Schlumberger

Dowell

CemDABE Cement Test Report

November 1, 1996

DATE OF TEST : 01-nov-1996

TEST NUMBER : NPD676800001

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

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 10.32 gal/sk
Type : LO
Total liquid : 10.32 gal/sk

SLURRY

Density : 12.80 lb/gal
Yield : 1.93 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.270	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 110.0 F
B.H.C.T. : 100.0 F

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

Rheological model (Dial 1) : Bingham Plastic

T_y : 27.102 lbf/100ft²

P_v : 9.038 cP

Correlation coefficient : 1.000

Thickening Time : 6 hr35 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	36.0	0.0
200.0	33.0	0.0
100.0	30.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	24.0	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)
255	12.0	110.0
400	24.0	110.0
800	48.0	110.0

Comment :

PILOT TEST

35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

INTERMEDIATE 4500' LEAD POD = 3:47