

Schlumberger

Dowell

CemDAB Cement Test Report

December 5, 1996

DATE OF TEST : 05-dec-1996

TEST NUMBER : NPD684000004

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

CEMENT

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.43 gal/sk
Type : LO
Total liquid : 6.43 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.36 ft³/sk

B.H.S.T. : 150.0 F

B.H.C.T. : 124.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.260	% BWOC
D044	5.000	% BWOW

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 19.072 lb f / 100 ft²

P_0 : 13.557 cP

Correlation coefficient : 0.982

Thickening Time : 4 hr24 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	29.0	0.0
100.0	23.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	15.0	0.0
3.0	14.0	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)
50	6.0	150.0
700	12.0	150.0
1180	24.0	150.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

INTERMEDIATE 2D STAGE LEAD 8500' POD = 3:14