

Schlumberger

Dowell

CemDABE Cement Test Report

October 26, 1996

DATE OF TEST : 26-oct-1996

TEST NUMBER : NPD675200001

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

CEMENT
Class : C
Blend :
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 7.45 gal/sk
Type : LO
Total liquid : 7.45 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.50 ft³/sk

B.H.S.T. : 90.0 F
B.H.C.T. : 85.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
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 : 14.722 lbf/100 ft²
 P_o : 16.570 cP
Correlation coefficient : 0.999

Thickening Time : 3 hr16 mn to 100 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	31.0	0.0
200.0	26.0	0.0
100.0	20.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	14.0	0.0
3.0	13.0	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)
425	6.0	90.0
874	12.0	90.0
1328	24.0	90.0

Comment :

FIELD BLEND
C + 2%D20 + 2%S-1
LOCATION WATER USED
SURFACE LEAD 700' POD = 2:35