

Schlumberger

Dowell

CemDABE Cement Test Report

April 2, 1996

DATE OF TEST : 02-apr-1996

TEST NUMBER : NPD623600002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : SKELLY D STATE 5

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

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.30 gal/sk
Type : LO
Total liquid : 6.30 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.35 ft³/sk

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

B.H.S.T. : 116.0 F
B.H.C.T. : 109.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 22.752 lb_f/100 ft²

P_o : 16.570 cP

Correlation coefficient : 0.999

Thickening Time : 3 hr 3 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number :

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	39.0	0.0
200.0	34.0	0.0
100.0	28.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	20.0	0.0
3.0	18.0	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)
100	6.0	116.0
800	12.0	116.0
1300	24.0	116.0

Comment :

FIELD BLEND

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

LOCATION WATER WATER USED

LONG STRING 1ST STAGE 6000' POD = 2:15