

Schlumberger

Dowell

CemDABE Cement Test Report

June 17, 1995

DATE OF TEST : 17-jun-1995

TEST NUMBER : NPD546300002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : NM STATE J 6

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. : 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

 $T_y : 20.556 \text{ lbf}/100 \text{ ft}^2$ $P_y : 13.364 \text{ cP}$

Correlation coefficient : 0.999

Thickening Time : 4 hr12 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	34.0	0.0
200.0	29.0	0.0
100.0	25.0	0.0
60.0	23.0	0.0
30.0	22.0	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)
95	6.0	110.0
520	12.0	110.0
1100	24.0	110.0

Comment :

FIELD BLEND

50/50 POZ/H + 2% D20 + 5% D44 (BWOW) + 0.29PPS D29

LOCATION WATER USED

LONG STRING TAIL 3700' POD = 2:48

RECEIVED

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OFFICE

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