

Schlumberger

Dowell

CemDABE Cement Test Report

April 23, 1996

DATE OF TEST : 23-apr-1996

TEST NUMBER : VPD628900003

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : L VAN ETTEN 18

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

B.H.S.T. : 118.0 F
B.H.C.T. : 107.0 F

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.280	% 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

$T_y : 22.083 \text{ lbf}/100 \text{ ft}^2$

$P_y : 15.063 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 3 hr38 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	37.0	0.0
200.0	32.0	0.0
100.0	27.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	18.0	0.0
3.0	16.0	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	118.0
780	12.0	118.0
1290	24.0	118.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 1ST STAGE 5450' POD = 2:58