

Schlumberger**Dowell****CemDABE Cement Test Report**

July 18, 1995

DATE OF TEST : 18-jul-1995

TEST NUMBER : NPD554400002

CUSTOMER : TEXACO

FIELD : LEA NM

WELL : EUMONT 16 ST 1

CEMENT

Class : H

Blend : 5050

Brand : LONESTAR

Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal

Volume : 7.71 gal/sk

Type : LO

Total liquid : 7.71 gal/sk

SLURRY

Density : 13.50 lb/gal

Yield : 1.54 ft³/sk

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

B.H.S.T. : 108.0 F

B.H.C.T. : 98.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 14.305 \text{ lbf}/100 \text{ ft}^2$ $P_o : 14.733 \text{ cP}$

Correlation coefficient : 0.999

Thickening Time : 6 hr40 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	29.0	0.0
200.0	24.0	0.0
100.0	19.0	0.0
60.0	17.0	0.0
30.0	16.0	0.0
6.0	15.0	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)
85	6.0	108.0
500	12.0	108.0
1070	24.0	108.0

Comment :

FIELD BLEND

50/50P0Z/H + 2%D20 + 5%D44 + 1/4#/SKD29

LOCATION WATER USED

LONG STRING TAIL 3900' P0D = 3:20

RECEIVED

AUG 1971

U.S. DEPARTMENT OF
OFFICE