

CemDABE Cement Test Report

August 14, 1996

DATE OF TEST : 14-aug-1996

TEST NUMBER : NPD656000002

CUSTOMER : TEXACO
 FIELD : LEA NM
 WELL : SAUNDERS STATE K GAS

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	0.270	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 110.0 F

B.H.C.T. : 100.0 F

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450

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 21.079 \text{ lbf}/100 \text{ ft}^2$ $P_0 : 15.063 \text{ cP}$

Correlation coefficient : 1.000

Thickening Time : 4 hr57 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	36.0	0.0
200.0	31.0	0.0
100.0	26.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	17.0	0.0
3.0	15.0	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	110.0
560	12.0	110.0
1056	24.0	110.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING TAIL 3675' POD = 4:02