



Dowell

CemDABE Cement Test Report

August 14, 1996

DATE OF TEST : 14-aug-1996

TEST NUMBER : NPD656000001

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

CEMENT
Class : H
Blend : 3565
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 10.46 gal/sk
Type : LO
Total liquid : 10.46 gal/sk

SLURRY

Density : 12.80 lb/gal
Yield : 1.94 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.260	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 110.0 F

B.H.C.T. : 100.0 F

Rheological model (Dial 1) : Bingham Plastic

T_y : 10.038 lbf/100ft²

P_0 : 9.038 cP

Correlation coefficient : 1.000

Thickening Time : 9 hr49 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	19.0	0.0
200.0	16.0	0.0
100.0	13.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	10.0	0.0
3.0	8.0	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)
126	6.0	110.0
216	12.0	110.0
336	24.0	110.0

Comment :

FIELD BLEND

35/65 PDZ/E + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING 3675' LEAD POD = 4:46