

Schlumberger
Dowell

CemDABE Cement Test Report

November 21, 1995

DATE OF TEST : 21-nov-1995

TEST NUMBER : NPD591000004

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : NM AE STATE 27

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

BASE FLUID
Density : 8.32 lb/gal
Volume : 10.53 gal/sk
Type : LO
Total liquid : 10.53 gal/sk

SLURRY
Density : 12.80 lb/gal
Yield : 1.93 ft³/sk

B.H.S.T. : 136.0 F
B.H.C.T. : 118.0 F

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% 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 : 20.745 lbf/100ft²
 P_o : 13.557 cP
Correlation coefficient : 0.998

Thickening Time : 5 hr24 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	30.0	0.0
100.0	25.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
5.0	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)
75	6.0	136.0
425	12.0	136.0
900	24.0	136.0

Comment :

FIELD BLEND
35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29
LOCATION WATER USED
LONG STRING 1ST STAGE LEAD 8000' POD = 3:44