



Dowell

CemDABE Cement Test Report

August 18, 1996

DATE OF TEST : 18-aug-1996

TEST NUMBER : NPD657100001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : AMERICAN KEOHANE 3

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	0.250	% BWOC
D044	3.000	% BWOW

B.H.S.T. : 110.0 F
B.H.C.T. : 100.0 F

ABE Cement Co. R. P. A.

TEST

Rheometer type : Fann 35
Spring factor : 1.0
Bob No : 1
Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic
 T_y : 14.722 lb_f/100ft²
 P_y : 15.063 cP
Correlation coefficient : 0.908

Thickening Time : 8 hr45 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	31.0	0.0
200.0	22.0	0.0
100.0	21.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	11.0	0.0
3.0	7.0	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
226	12.0	110.0
336	24.0	110.0

Comment :

FIELD BLEND
35/65POZ/H + 6%D20 + 5%D44(BWOW) + 0.25%D29
LOCATION WATER USED
LONG STRING LEAD 3675' POD = 4:20