



Dowell

CemDABE Cement Test Report

August 19, 1996

DATE OF TEST : 19-aug-1996

TEST NUMBER : NPD657100002

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

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	0.250	% 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 : 24.760 lbf/100ft²
 P_v : 18.076 cP
Correlation coefficient : 0.982

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

Thickening Time : 4 hr32 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	42.0	0.0
200.0	38.0	0.0
100.0	30.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	24.0	0.0
3.0	19.0	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
550	12.0	110.0
1050	24.0	110.0

Comment :

FIELD BLEND
80/50P02/H + 2XD20 + 5XD44(BWOW) + 0.25XD29
LOCATION WATER USED
LONG STRING TAIL 3675' POD = 3:50