

Schlumberger

Dowell

CemDABE Cement Test Report

May 1, 1996

DATE OF TEST : 01-may-1996

TEST NUMBER : NPD631400001

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : J R PHILLIPS 14

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	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 104.0 F

B.H.C.T. : 96.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

T_y : 25.094 lbf/100ft²

P_o : 12.051 cP

Correlation coefficient : 1.000

Thickening Time : 14 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	37.0	0.0
200.0	33.0	0.0
100.0	29.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	15.0	0.0
3.0	14.0	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)
60	6.0	104.0
186	12.0	104.0
278	24.0	104.0

Comment :

FIELD BLEND

35/65 POZ/H + 6% D20 + 5% D44 (BWOW) + 0.25PPS D29

LOCATION WATER USED

LONG STRING LEAD 3480' POD = 4:44

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DOWELL HOBBS

MAY-03-96 FRI 14:46