

Schlumberger**Dowell****CemDABE Cement Test Report**

April 18, 1996

DATE OF TEST : 18-apr-1996

TEST NUMBER : NPD627900002

CUSTOMER : TEXACO
FIELD : EDDY NM
WELL : REMUDA BASIN FED 2

CEMENT
Class : H
Blend : 5050
Brand : LONESTAR
Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
Volume : 6.18 gal/sk
Type : LO
Total liquid : 6.18 gal/sk

SLURRY

Density : 14.20 lb/gal
Yield : 1.34 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 133.0 F

B.H.C.T. : 116.0 F

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological model (Dial 1) : Bingham Plastic

 $T_y : 22.752 \text{ lbf}/100\text{ft}^2$ $P_0 : 12.051 \text{ cP}$

Correlation coefficient : 0.990

Thickening Time : 5 hr29 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	35.0	0.0
200.0	30.0	0.0
100.0	27.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	16.0	0.0
3.0	12.0	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)
120	6.0	133.0
821	12.0	133.0
1415	24.0	133.0

Comment :

FIELD BLEND

50/50PQZ/H + 2%D20 + 5%D44(BWOW) + 0.25%D29

LOCATION WATER USED

LONG STRING 1ST STAGE 7500' POD = 4:48

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DOWELL HOBBS

APR-19-96 FRI 13:25