

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

July 5, 1995

DATE OF TEST : 05-jul-1995

TEST NUMBER : NPD550000002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : COOPER LOVE 2

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

B.H.S.T. : 110.0 F

B.H.C.T. : 100.0 F

ADDITIVES

Code	Concent.	Unit
D020	2.000	% BWOC
D029	0.250	% 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

 $T_y : 22.335 \text{ lbf}/100 \text{ ft}^2$ $P_0 : 15.975 \text{ cP}$

Correlation coefficient : 0.998

Thickening Time : 4 hr26 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	38.0	0.0
200.0	33.0	0.0
100.0	28.0	0.0
60.0	25.0	0.0
30.0	23.0	0.0
6.0	19.0	0.0
3.0	17.0	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)
95	6.0	110.0
510	12.0	110.0
1060	24.0	110.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

LONG STRING 3750' TAIL POD = 2:40

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DOWELL HOBBS

JUL-06-95 THU 21:06