

February 5, 1997

DATE OF TEST : 05-feb-1997

TEST NUMBER : NPD708500001

CUSTOMER : TEXACO
FIELD : EDDY NM
WELL : SKELLY 902

CEMENT
 Class : H
 Blend : 3565
 Brand : LONESTAR
 Plant : MARYNEAL

BASE FLUID

Density : 8.32 lb/gal
 Volume : 11.95 gal/sk
 Type : LO
 Total liquid : 11.95 gal/sk

SLURRY

Density : 12.40 lb/gal
 Yield : 2.14 ft³/sk

ADDITIVES		
Code	Concent.	Unit
D020	6.000	% BWOC
D029	0.280	% BWOC
D044	5.000	% BWOW

B.H.S.T. : 115.0 F
 B.H.C.T. : 104.0 F

Rheological model (Dial 1) : Bingham Plastic

 T_y : 8.403 lbf/100ft² P_o : 4.866 cP

Correlation coefficient : 0.987

Thickening Time : 14 hr50 mn to 70 BC

API Schedule :

Set condition :

Consistometer serial number : ...

No Fluid Loss data available

No Free Water data available

Rheometer type : Fann 35

Spring factor : 1.0

Bob No : 1

Rotor No : 1

Rheological data		
Temp. (F) :	75.0	0.0
R.P.M.	Dial 1	Dial 2
300.0	13.0	0.0
200.0	12.0	0.0
100.0	10.0	0.0
60.0	9.0	0.0
30.0	9.0	0.0
6.0	8.0	0.0
3.0	8.0	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)
110	6.0	115.0
220	12.0	115.0
330	24.0	115.0

Comment :

FIELD BLEND

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

LOCATION WATER USED

INTERMEDIATE LEAD 5100' POD = 10:50