

Schlumberger
Dowell

CemDABE Cement Test Report

April 28, 1996
DATE OF TEST : 28-apr-1996

TEST NUMBER : NPD630500002

CUSTOMER : TEXACO
FIELD : LEA NM
WELL : SKELLY B 5

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. : 103.0 F
B.H.C.T. : 95.0 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 : 40.486 lb/100ft²
 P_o : 19.582 cP
Correlation coefficient : 0.976

Thickening Time : 5 hr33 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	59.0	0.0
200.0	55.0	0.0
100.0	46.0	0.0
60.0	0.0	0.0
30.0	0.0	0.0
6.0	39.0	0.0
3.0	27.0	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	103.0
510	12.0	103.0
1100	24.0	103.0

Comment :

FIELD BLEND
50/50POZ/H + 2%D20 + 5%D44(BWOW) + 0.25%D29
LOCATION WATER USED
LONG STRING TAIL 3750' POD = 3:50