



PERMIAN REGION LAB
Cement Lab Report

Phone: (432) 530-2667 Fax: (432) 530-0279

30-015-34896

Test Number: 529424675
Report Number:

Test Date: 7/18/2006

WELL INFORMATION

Operator: Devon Energy
API #:
Well Name: Perfecto 2 State #1
Slurry Type: Single
Blend Type: Lab
Comments:

County: Eddy
State: NM
Requested By: Scott Nelson
TVD: 2550 **MD:** 2550
District: Artesia

TEST DATA AND SCHEDULE

Time To Temp (min): 19.20
Initial Press (psi): 310
Final Press (psi): 1630
BHST (deg F): 97
BHCT (deg F): 91

Mud Density (lb/gal): 10
Mix Water Density (lb/gal): 8.34
Mix Water Type: Tap Water
Surf Temp (deg F): 80
Job Type: Intermediate

Comments: New Mexico State Test

SLURRY AND TEST RESULTS

Vendor: Cemex

Slurry: Class 'C' + 1.00% CaCl₂ + 0.25 lb/sk Cello Flake

Density: 14.8 lb/gal
Yield: 1.337 CuFt/sk
Mix Water: 6.332 gal/sk (56.18%)
Total Mix Liquid: 6.332 gal/sk
Fluid Loss: cc/30 min

Pump Time (50 Bc):
Pump Time (70 Bc):
Pump Time (100 Bc):

Free Water (ml): (Tested at 90 Degrees)

Compressive Strength				Rheology (PL=Power Law, BP= Bingham Plastic)											
Temp	Time	Strength	Type	Temp	600	300	200	100	6	3	n'	k'	Yp	Pv	Best
97	6:56	500	UCA	80	103	79	69	57	21	14	0.34	0.102	29.8	56.4	PL
97	8	587	UCA												
97	12	859	UCA												
97	24	1388	UCA												

Comments: