



HALLIBURTON

Permian Basin NWA Lab

Hobbs, New Mexico

API No: 0

## Cement Test Report

C97- 72-12-02-02

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Customer: Enron Oil & Gas	Depth: 400 ft	Test Date: 14-May-97
Well Name: In House	BHST: 80 degrees	Requested By: Dean Prather
County/State: Lea, NM	BHCT: 80 degrees	Stage Number: 1
District: Hobbs	Job Type: Surface	Slurry: Lead
Blend: Pilot Test	Casing Size: Unknown	Water: Lab Tap Water

## Slurry Information

Cement: **Premium Plus**  
Mixed with the following additives:  
2.00 % CaCl<sub>2</sub>

Water Amt: 6.30 gals/sk

Density: 14.8 ppg

Yield: 1.32 ft<sup>3</sup>/sk

## Consistency Information

Time	Temp	Press	Consistency
3:00	80 degs	400 psi	70 BCU

## Compressive Strength

Time	Unit	Temp	Strength	Method
8	hours	80 degs	833 psi	crush
12	hours	80 degs	1250 psi	crush
24	hours	80 degs	2150 psi	crush
48	hours	80 degs	2850 psi	crush
72	hours	80 degs	3250 psi	crush

## Fluid Properties

Temp	Fluid Loss	Free H <sub>2</sub> O	Settling	600	300	200	100	6	3	PV	YP	N'	K'
80 degs	1000 cc's	0.2%			90	76	64	32	20	42	51.2	0.31	0.143

## Comments

95-159-27-03-01

Signed: \_\_\_\_\_

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