

WELL NAME: Dee State No. 3

LOCATION: 1650' FSL & 1980' FEL, Sec. 36, T-19S, R-24E, Eddy County

CASING PROGRAM:

Surface: 9-5/8" in 14 3/4" hole set at 1200 '

Intermediate:       " in       " hole set at        '

Production: 7 " in 8 3/4" hole set at 8100 '

CEMENTING PROGRAM:

Surface:       Lead: 800 sks   Class Thixad @ 12.2 PPG

Additives: 12# Calsonite 5% salt

Tail: 1200 sks   Class C @ 13.9 PPG

Additives: 2% CaCl

Intermediate: 1st Stage Lead:        sks Class       

Additives:       

1st Stage Tail:        sks Class       

Additives:       

2nd Stage Lead:        sks Class       

Additives:       

2nd Stage Tail:        sks Class       

Additives:       

Production: 1st Stage Lead: 1100 sks Class "C" Lite @ 12.4

Additives: 6% Gel FLA as needed.

1st Stage Tail: 300 sks Class H

Additives: 3% KCl FLA as needed for zero free water and 250 cc.

2nd Stage Lead: 1000 sks Class "C" Lite

Additives: 6% Gel FLA as needed.

2nd Stage Tail: 300 sks Class H

Additives: 3% KCl FLA as needed.

\*All strings circulated to surface.