

## CEMENT PROGRAM OUTLINE

WELL NAME: Clyde Com. No. 1

LOCATION : 710' FNL & 660' FEL, Sec. 18, T-19S, R-25E, Eddy County

### Casing Program

Surface 9-5/8 inch in 14 3/4 hole at 1200 ft.  
Inter        inch in        hole at        ft.  
Prod 7" inch in 8 3/4 hole at 8100 ft.

### Cementing Program

#### Surface

Lead 800        sxs Class Thixad Mixed at 12.2 ppg  
Additives 12# Calsonite  
Tail 1200        sxs Class C Mixed at 13.9 ppg  
Additives 2% CaCl

#### Intermediate (first stage)

Lead        sxs Class        Mixed at        ppg  
Additives         
Tail        sxs Class        Mixed at        ppg  
Additives         
Percent free water        Water loss        cc

#### (second stage)

Lead        sxs Class        Mixed at        ppg  
Additives         
Tail        sxs Class        Mixed at        ppg  
Additives         
Percent free water        Water loss        cc

#### Production (first stage)

Lead 600        sxs Class "C" Lite Mixed at 12.4 ppg  
Additives 2% CaCl & FLA as needed  
Tail 300        sxs Class H Mixed at        ppg  
Additives 3% KCl & FLA as needed for zero free water and 250 cc  
Percent free water 0 Water loss 250 cc

#### (second stage)

Lead 600        sxs Class "C" Lite Mixed at        ppg  
Additives 3% KCl & FLA as needed  
Tail 300        sxs Class H Mixed at        ppg  
Additives 3% KCl FLA as needed  
Percent free water        Water loss        cc