

WELL NAME: STATE J-2 NO. 15

LOCATION : 1780 FNL 2080' FWL S-2 T-22S R-36E

### Casing Program

Surface 8-5/8 inch in 12-1/4 hole at 420 ft.  
Inter        inch in        hole at        ft.  
Prod 5-1/2 inch in 7-7/8 hole at 3750 ft.

### Cementing Program

#### Surface

Lead 225 sxs Class C Mixed at 13.7 ppg  
Additives 2% CaCl 4% Gel  
Tail 100 sxs Class C Mixed at 14.8 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 500 sxs Class C Mixed at 12.7 ppg  
Additives 5 pps Salt  
Tail 350 sxs Class C Mixed at 14.6 ppg  
Additives 1.1% FloBlock 0.2% SMS  
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