

WELL NAME: HARDY 36 STATE NO. 3

LOCATION: 2080' FNL 1730' FEL S-36 T-20S R-37E LEA CO.

### Casing Program

Surface 9-5/8" inch in 12-1/4 hole at 1500 ft.  
Inter       " inch in        hole at        ft.  
Prod 7 inch in 8-3/4 hole at 6975 ft.

### Cementing Program

#### Surface

Lead 500 sxs Class C Mixed at 13.7 ppg  
Additives 4% GEL 2% A-7 0.2% SNS  
Tail 200 sxs Class C Mixed at 14.8 ppg  
Additives 2% A-7

#### 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 150 sxs Class C Mixed at 12.8 ppg  
Additives 0.2% SMS  
Tail 350 sxs Class C Mixed at 14.8 ppg  
Additives 1% RA-10 0.2% SMS 1% A-7  
Percent Free Water        Water Loss        cc

#### (second stage)

Lead 1070 sxs Class C Mixed at 14.2 ppg  
Additives 8% A-10 0.25% FL-62 0.2% SMS  
Tail 300 sxs Class C Mixed at 14.8 ppg  
Additives 1% BA-10 0.2% SMS 1% A-7  
Percent Free Water        Water Loss        cc