

WELL NAME: HARDY STATE 36 NO. 2

LOCATION : 1876' FSL 2230' FWL 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% SMS
Tail 280 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