

WELL NAME: DEE STATE NO. 4

LOCATION : Sect. 36 T-19s R-24E Eddy Co. N.M.

Casing Program

Surface 9-5/8 inch in 13-1/2 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 C Mixed at 12.4 ppg
Additives 12 pps Gilsonite 6% Gel
Tail 1200 sxs Class C Mixed at 14.8 ppg
Additives 2.0% 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 Mixed at 13.6 ppg
Additives 6% Gel 2% CaCl
Tail 300 sxs Class H Mixed at 15.8 ppg
Additives 3 pps KCl
Percent free water Water loss cc

(second stage)

Lead 600 sxs Class C Mixed at 13.6 ppg
Additives 6% Gel 2% CaCl
Tail 300 sxs Class H Mixed at 15.8 ppg
Additives 3 pps KCl
Percent free water Water loss cc