

Well Name : Klein Fed #1

Location : 2310' FSL, 1650' FEL, Sec 11, T20S, R36E, Lea County, New Mexico

Casing Program :

Surface 11 3/4" casing in 14 3/4" Hole at 400 ft.
Intermediate 8 5/8" casing in 11" Hole at 4000 ft.
Production 5 1/2" casing in 7 7/8" Hole at 8750 ft.

Cementing Program :

Surface

Lead 260 sacks Class C Mixed at 13.7 ppg
Additives 4% Gel + 2% CACL2 + 0.2% SM

Tail 100 sacks Class C Mixed at 14.8 ppg
Additives 2% A-7P

Intermediate

Lead 975 sacks Class C Mixed at 12 ppg
Additives 16% Gel + 3% Salt + 0.3% CD-32 + 0.3% SMS

Tail 180 sacks Class C Mixed at 14.8 ppg
Additives 2% A-7P

Production

Lead 475 sacks Class C Mixed at 12.1 ppg
Additives 16% Gel + 0.3% CD-32 + 0.3% SMS

Tail 830 sacks Class C Mixed at 14.8 ppg
Additives 1.1% FL-62 + 2% BA-90 + 3% Salt + 0.3% CD-32
+ 0.2% SMS

Free Water 0 % **Fluid Loss** 80 cc/30 min.