

Well Name :

Location : 1930' FSL, 990' FWL, SEC 7, T21S, R37E Lea County, New Mexico

Casing Program

Surface : 13 3/8" casing in 17 1/2" Hole at 400 ft.

Intermediate : 8 5/8" casing in 12 1/4" Hole at 4,000 ft.

Production : 5 1/2" casing in 7 7/8" Hole at 10,100 ft.

Cementing Program :

Surface

Lead 355 sacks Class C Mixed at 13.7 ppg
Additives 4% Gel + 2% CACL2 + 0.2% SMS

Tail 100 sacks Class C Mixed at 14.8 ppg
Additives 2% CACL2

Intermediate

Lead 1420 sacks Class C Mixed at 12.71 ppg
Additives 35:65:6 (Poz:Cem:Gel) + 10 pps Salt +
0.25 pps Cello Flake

Tail 200 sacks Class C Mixed at 14.8 ppg
Additives 2% CACL2

Production

(1st Stage)

Lead 260 sacks Class C Mixed at 12.5 ppg
Additives 35:65:6 (Poz:Cem:Gel) + 5% Salt + 0.8% FL-52 +
0.2% SMS + 0.25 pps Cello-Flake
Free Water 0.4 % **Fluid Loss** 280 cc/30 min.

Tail 275 sacks Class C Mixed at 14.4 ppg
Additives 1% FL-62 + 5 pps BA-90 + 2 pps Micro Seal +
0.3% CD-32 + 0.2% SMS
Free Water 0 % **Fluid Loss** 50 cc/30 min.

(2nd Stage)

Lead 400 sacks Class C Mixed at 12 ppg
Additives 16% Gel + 3% Salt + 0.3% CD-32 + 0.3% SMS +
0.15% R-3
Free Water 0 % **Fluid Loss** 435 cc/30 min.

Tail 705 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** 64 cc/30 min.