

Well Name : Lockhart B #13

Location : 990' FNL & 1650' FWL Sec 13, T-21S, R-36E, Lea County, New Mexico

Casing Program :

Surface 8 5/8" casing in 12 1/4" Hole at 450 ft.

Production 4 1/2" casing in 7 7/8" Hole at 3800 ft.

Cementing Program :

Surface

Lead 230 sacks Class C Mixed at 13.7 ppg
Yield 1.68 cuft/sk Water 8.68 gps
Additives 4% Gel + 2% A7P + 0.2% Sodium Metasilicate

Tail 100 sacks Class C Mixed at 14.8 ppg
Yield 1.34 cuft/sk Water 6.34 gps
Additives 2% A-7P

Production

Lead 640 sacks Class C Mixed at 12.72 ppg
Yield 1.94 cuft/sk Water 10.5 gps
Additives 35:65:6 (Fly Ash:Cement:Gel) + 5 pps Salt + 0.2% SMS

Tail 355 sacks Class C Mixed at 14.8 ppg
Yield 1.33 cuft/sk Water 6.25 gps
Additives 1.1% FL-62 + 0.2% CD-32 + 0.2% SMS
Free Water 0 % Fluid Loss 50 cc/30 min.