

**Well Name** : Lockhart A-18 #9

**Location** : 660' FSL & 760' FWL Sec 18, 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** 740 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** 245 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.