

**CASING AND CEMENTING PROGRAM  
STATE 35 UNIT #38  
LEA COUNTY, NM**

**8-5/8" 24#/ft J-55 Surface Casing Set at 1600' - 12-1/4" Hole**

**Lead:** 450 sx Class "C" + 4% Gel + 2% CaCl<sub>2</sub>

Desired TOC = Surface

Slurry Weight:	13.5 ppg
Slurry Yield:	1.72 ft <sup>3</sup> /sx
Water Requirement:	9.06 gals/sx

**Tail:** 150 sx Class "C" + 2% CaCl<sub>2</sub>

Desired TOC = 1300'

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft <sup>3</sup> /sx
Water Requirement:	6.3 gals/sx

**5-1/2" 15.5 #/ft J-55 Production Casing Set at 5000' - 7-7/8" Hole**

**Lead:** 750 sx Class "C" + Econolite + 3% Salt

Desired TOC = Surface

Slurry Weight:	11.80 ppg
Slurry Yield:	2.60 ft <sup>3</sup> /sx
Water Requirement:	15.6 gals/sx

**Tail:** 250 sx Class "C" + 50 lbs. Pozmix + 7% CalSeal + 3% Salt +  
0.5% Diacel FL + 0.5% CFR-3 + 0.5% Econolite

Desired TOC = 4000'

Slurry Weight:	15.00 ppg
Slurry Yield:	1.16 ft <sup>3</sup> /sx
Water Requirement:	4.77 gals/sx