

Northeast Blanco Unit 325

4-1/2" Casing Cement

4-1/2" Production cemented in a 6-1/4" hole.

Cement

- 500 Sacks 50/50 STD Poz Cement
- 3.00% HalliburtonGel (Extender)
- .8% Halad 9
- 0.25 lb/sk Flocele (Lost Circulation)
- 5.00 lb/sk Gilsomite (sack) (Lost Circulation)
- .2% CFR3

Mixed With Fresh Water
Fluid Weight: 13.00 lb/gal
Fluid Yield: 1.47 ft³/sk
Fluid Water Ratio: 6.37 gal/sk
48 Hour crush 3000 psi

Cement is designed to overlap 1000' into 7" casing string. Volumes estimated include 30% openhole excess. Actual volumes will vary with hole calliper.