

Cementing Program

8-5/8" Surface Casing

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| Depth: | 1350' |
| Casing Size: | 8-5/8" |
| Hole Size: | 12.25" |
| Calculated Cement Fill: | 1350' |
| Excess Calculated: | 100% |
| Cementing Company: | Halliburton |

Cement Recommendation:

Spacer: 20 Bbls Fresh Water

Slurry: 860 sacks Premium Plus + 2% CaCl₂

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| Slurry Weight: | 14.8 ppg |
| Slurry Yield: | 1.34 cu.ft./sack |

Procedure:

1. Utilize the two-plug system.
2. Wait on cement a minimum of 8 hours.

NOTE: VOLUME ADJUSTMENTS BASED ON THE CALIPER WILL BE UNATTAINABLE. THE STANDARD PRACTICE FOR SURFACE CASING CEMENT VOLUME DETERMINATION HAS BEEN CALCULATED (GAUGE HOLE PLUS 100% EXCESS). NO FURTHER CALCULATIONS WILL BE MADE FOR CEMENT VOLUME.