

Tail: 200 Sacks Premium Plus Cement + 2% CaCl

|                |             |
|----------------|-------------|
| Water Ratio:   | 6.3 gals/sx |
| Slurry Weight: | 14.8 ppg    |
| Slurry Volume: | 1.32 cf/sx  |

|                   |                        |
|-------------------|------------------------|
| Cement Equipment: | Texas Style Guide Shoe |
|                   | Float Collar           |
|                   | 12 - Centralizers      |

### Production Casing

|                         |                            |
|-------------------------|----------------------------|
| Depth:                  | 7800'                      |
| Casing Size:            | 5 1/2" 15.5 PPF / 17.0 PPF |
| Hole Size:              | 7 7/8"                     |
| Calculated Cement Fill: | 1600' (TOC = 6200' RKB)    |
| Excess Calculated:      | 100%                       |
| Shoe Joint:             | 80'                        |

Cement: 470 Sacks Premium Cement + .5% Halad-22A  
+ .3% CFR-2 + 5#/sx KCl

|                |             |
|----------------|-------------|
| Water Ratio:   | 5.2 gals/sx |
| Slurry Weight: | 15.8 ppg    |
| Slurry Volume: | 1.21 cf/sx  |

|                   |                     |
|-------------------|---------------------|
| Cement Equipment: | Float Shoe          |
|                   | Float Collar        |
|                   | +/- 20 Centralizers |

Note: Halliburton Premium Plus Cement = Class C  
Halliburton Premium Cement = Class H