

**05-123-09193**

**Existing**

hole size: 12-1/4"

8-5/8" 20# @ 588' cmt w/ 350 sks to surface

hole size: 7-7/8"

Depth	Hole Size
4,200'	8.6"
4,300'	9.0"
4,500'	9.0"
4,700'	9.0"
4,900'	9.0"
5,000'	8.25"
5,200'	8.0"

Sussex top: 4,710'  
Shannon top: 5,136'

TOC @ 4,110' (Calculated)

Sussex perms 4,710'-4,780'

Shannon perms 5,136'-5,156'

4-1/2" 9.5# @ 5,268' cmt w/ 350 sks

**Proposed Additions**

Welded cap  
10 sks at surface

89 sks w/ 20% excess (110 sx total) from 800' to 438'  
Class G w/ 0.25 pps cello flake, 0.4% CD-32, 0.4% ASA-301, mixed at 15.8 ppg, 1.15 cuft/sk

Cut casing @ 700'

40 sks w/ no excess from 4,110'-4,610'  
Class G w/ 0.25 pps cello flake, 0.4% CD-32, 0.4% ASA-301, mixed at 15.8 ppg, 1.15 cuft/sk

CIBP @ 4,610'

PBTD: 5,273'

**Legend**

- Mud
- Existing Cement
- New Cement