

Squeeze and Plugging Procedures for the Featherstone #5

1. RUPU.
2. TOH with Packer.
3. GIH with wire line CIBP and set at approximately 3470'. GIH with bailer and dump 35' cement on CIBP.
4. GIH with packer and establish where the casing leak is. Casing leaks are common from 300' to 600' in this area. Squeeze holes in casing with enough cement to bring the cement top behind the casing up to the top of the salt. WOC. Test casing to 500# for 15 minutes. TOH with packer.
5. GIH with tbg open ended and tag plug set above CIBP. PU and circulate hole with plugging mud. PU and pump ~~100' cement plug across 5 1/2" liner hanger, sufficient to bring plug 50' above top of 5 1/2" and 50' below 5 1/2" hanger.~~ PU and WOC. ~~162' Plug 2910 - 3072 - TAG~~
100' Plug - 2000 - 2100' - TAG
100' plug - Perf. Cas. @ 1080' - Squeeze cnt. inside & outside of cas 980' - 1080' - TAG
6. Tag plug set across 5 1/2" liner hanger. PU and pump ~~100' cement plug across 8 5/8" shoe,~~ sufficient to bring plug 50' above top of shoe and 50' below 8 5/8" shoe. PU and WOC.
Perf. Cas. @ 808' - Squeeze 100' of cnt. inside & outside of cas. TAG
7. PU and set surface plug. — *Perf. All cas. strings at 60' - place 60' of cnt. inside & outside of all cas. strings - 0' - 60'*
8. Cut off casing and set dry hole marker.
9. Clean and remediate location.

Note: The NMOCD will be notified at least 24 hours before starting work on well.