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**Williams PMF 15-8  
05-123-14056-0000  
Plugging Procedure**

SHL: SENE Sec 15-5N-65W, 1845 FNL & 525 FEL

KB: 4634 ft  
Weld County, CO

TD: 7125 ft KB

PBTD: 7112 ft

GL: 4624 ft  
Surface Casing: 8 5/8" 24#/ft set @ 305 ft KB, cmt to surf  
Prod Casing: 4 1/2" 15.1#/ft set @ 7125 ft KB, TOC @ 6182  
Existing Perfs: Codell 6946-6961 ft, 67 holes  
Niobrara 6640-6644 ft, 2 holes  
Niobrara 6768-6778 ft, 3 holes  
Niobrara 6854 & 6859 ft, 2 holes

1. Flow well to kill.
2. MIRU workover rig, pump and tank.
3. POOH with tubing.
4. RIH with 4-1/2" CIBP and set @ ~6590 ft. Dump bail 2 sks cmt on top of CIBP.
5. Perforate @ 4200 ft, 4 spf, big holes.
6. RIH w/ 4-1/2" CICR and set @ 4100 ft. Sting into CICR with tbg.
7. Mix and pump 55 sks G type cmt (15.8 ppg & 1.15 cft/sk), put 45 sks cmt thru squeeze holes leaving the remaining cmt inside the csg (at least 2 sks on top of CICR).
8. Sting out of the CICR. Pull up hole ~1000 ft. Reverse circulate 2 tbg volumes.
9. Perforate @ 355 ft, 4 spf, big holes.
10. RIH with tbg to 355 ft. Establish circulation up 8-5/8 X 4-1/2 annulus.
11. Mix & pump 100 sks G type cmt + 2% CaCl<sub>2</sub> (15.8 ppg & 1.15 cft/sk). Circulate cmt to surface, leaving ~25 sks in annulus from surface-355 ft. WOC
12. Dig out well down to cutoff casing 4 ft below grade. Weld on plate over stub with well name & API number.
13. Reclaim location.

**Directions:**