

Plugging Procedure

McCartney Engineering, LLC - HSR-Fulenwider #6-10 - SENW 10-T2S-R66W 6PM - Adams County, CO
7/22/2019

API 05-001-09261
KB: 5208' GL: 5198'
8 5/8" 24# csg 1615'
4 1/2" 11.6# csg @ 8447'
Perforations: 8302' – 8316'

Procedure for the HSR-Fulenwider #6-10 is as follows:

1. Blow down well, kill with water.
2. RU BOP.
3. Pull tubing.
4. PU CIBP with tubing, TIH to **8200'**.
5. Set CIBP at 8200' (100' above perforations).
6. Fill hole with water (**130 BBLS**), pressure test to **300 psi** for 15 min.
7. RU cementers, place **75 sks** on top of CIBP through tubing.
8. Pull and lay down tubing standing back **26** stands in derrick (approximately 1600')
9. Fill hole with water.
10. Perforate @ **1665'** KB, set CICR @ 1565', pump 40 sks below CICR, **8 sks** on top.
11. WOC, tag plug (must be **1565'** or shallower).
12. Perforate at **880'**.
13. Cement down 4 1/2" csg through perforations @ 880' with minimum of **40 sks** leaving 100' in csg.
14. If good circulation, continue cementing until cement reaches surface in annulus (approximately **255 sks**).
15. If 880' plug is not circulated to surface, perforate at **580'**, circulate cement to surface, approximately **180 sks**.
16. RD cementers, clean hoses & equipment.
17. Flush flow line with water.
18. Top off cement in 4 1/2" casing if necessary.
19. Rig down, move out rig.
20. Cut off casing strings at 4' (or deeper at land owner's request), weld on cap with weep hole.
21. All flow lines will be flushed and removed.
22. Clean up location.