

P&A Procedure

1. Submit electronic Form 42 to COGCC 48 hours prior to performing Form 17 Bradenhead Test.
2. Submit One Call for possible future ground disturbance around the wellhead.
3. Perform Form 17 Bradenhead test and sample for gas, water, and oil per COGCC regulations.
4. Submit electronic Form 42 to COGCC 48 hours prior to rig MIRU.
5. Ensure automation team has removed all equipment from around wellhead prior to rig MIRU.
6. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
7. RU Slick line, pull plunger and bumper spring.
8. MIRU pulling unit and use Brine to kill well.
9. ND wellhead, NU BOP.
10. Un-land, RIH and Tag with tubing. POOH with tubing.
11. RIH with wireline and set CIBP #1 @ 4350' (32' above top perf).
12. RIH with wireline to run conventional CBL form 4340' to surface. Send CBL to production engineer (matthew.cook@crestonepr.com) to confirm no changes need to be made to the procedure.
13. RIH with tubing and spot 37 sxs (~8bbls, 500') Class G neat cement on CIBP #1.
14. PU tubing and reverse circulate to clean, POOH with tubing.
15. RIH with wireline and set CIBP #2 @ 1510'.
16. RIH with wireline and shoot squeeze holes @ 1500'.
17. RIH with wireline and set CICR #2 @ 1490'. POOH.
18. RIH with tubing, sting into CICR and establish circulation with water to clean annulus, then pump 318 sxs (~67 bbls) Class G neat cement through perforations.
19. Sting out of CICR, circulate to clear tubing.
20. POOH & laydown stinger.
21. RIH with tubing & spot 110 sxs (~25 bbls) Class G neat cement on CICR.
22. POOH with tubing, top off displaced cement volume.
23. WOC 4 hours, topping off both casing and annulus if necessary.
24. ND BOP, RDMO pulling unit.
25. Notify Environmental Department for surface review and inspection.
26. Cut off casing 4' below ground level & Weld on metal plate with dry hole marker.

27. Notify Integrity Department to properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment is complete.
28. Restore surface location.
29. Ensure all cement tickets are emailed to the Denver office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.

End Procedure