

Plug and Abandon Procedure
McElwain 12-4
1812' FNL, 675' FWL, Sec 12, T9S, R94W
Mesa County, Colorado
API No. 05-077-08828-00
State Permit# 200042234

1. RU Service Unit
2. Kill well, remove wellhead, NU and test BOPE.
3. TOH with tubing and packer. Packer set at 2945'.
4. PU BHA and drill out CIBP at 3300', Cleanout to 6550. TOH
5. Run gauge ring to 6550.
6. Set CIBP at 6550' with 2 sx of cement on top of BP.
7. Set CIBP at 3000' with 2 sx of cement on top of BP. Test casing to 1000 psi.
8. Perf 4 ½ " casing @ 1270' with 3 JSPF.
9. TIH with tubing to 1050'.
10. Break circulation, SI casing side and establish injection rate.
11. If unable to establish injection rate, go to step 14.
12. Pump 75 sx of cement. Clear tubing and use hesitation squeeze procedure.
13. Reverse out and TOH. GO to step 26
14. TIH to 1320 and spot 100 ft plug. POH to 1100', reverse out.
15. Perf 4 ½ casing @ 1126' with 3 JSPF.
16. TIH with tubing to 900'.
17. Break circulation, SI casing side and establish injection rate.
18. If unable to establish injection rate, go to step 21 .
19. Pump 75 sx of cement. Clear tubing and use hesitation squeeze procedure.
20. Reverse out and TOH. GO to step 26
21. TIH to 1176' and spot 100 ft plug. POH to 1060', reverse out.
22. Perf 4 ½ " casing @ 1160" with 3 JSPF.
24. Establish injection rate. Squeeze with 55 sx.
25. Displacement cement to 1000'.
26. Check for pressure. ND BOPE
27. Set 5 sx surface plug.
28. Cutoff casing, set DH marker.