

**Plug and Abandonment Procedure**  
**Colorado National Bank #1**  
**NENE Section 12, T8N, R60W**  
**API# 05-123-05582**

1. Provide 48 hr notice Form 42 to COGCC prior to rig up per Form 6 COA
2. Familiarize all personnel with allowed access to location and areas allowed to be disturbed.
3. Secure permission to access area and identify prospective well locations via satellite and survey data.
4. Verify well location and excavate well.
5. Once permission to begin work is secure, excavate area around well to sufficient size for safe access of casing, Verify casing size, cut off cap, weld on slip collar w/ wellhead and riser, set cellar ring and back-fill.
6. MIRU WO Rig, beam, doghouse, BOP, accumulator, rig pump, shaker tank, rig tank, 9.5ppg water-based mud, pipe float, 3-1/8" collars, 2-7/8" work string, power swivel.
7. Make up BHA ; 2 7/8 EUE string, 8x 3-1/8" drill collars, Float, POBS, 6-1/2" roller-cone bit.
8. RIH and drill out surface casing plugs. Circulate 2 bottoms up.
9. Wash/Ream to 8,200'. If depth is not achieved, call OGCC engineer/ BLM inspector. If sufficient depth is achieved where collars are not needed, POOH and LD collars and resume wash/ream.
10. Circulate and condition hole.
11. Pump 15.8# 70 sks Class G w/ 1% CaCl balanced plug from 8,166' to 7,986'. Verify Cement Volume calculation with cement company.
12. POOH to 7500' circulate for 4 hours or cement company recommended time.
13. RIH and tag cement plug. Note depth/time tagged. If plug not tagged, contact Engineer.
14. POOH to 7,256' Pump 15.8# 185 sks Class G w/1% CACL balanced plug from 7,256' to 6,741'. Verify Cement Volume calculation with cement company
15. POOH to 6200' circulate for 4 hours or cement company recommended time
16. RIH and tag cement plug. Note depth/time tagged. If plug not tagged, contact Engineer.
17. TOOH to 6,187', pump 15.8# 95sks Class G w/ 1% CaCl from 6,187'-5,966'.
18. POOH to 5,500' circulate for 4 hours or cement company recommended time
19. RIH and tag cement plug. Note depth/time tagged. If plug not tagged, contact Engineer.
20. TOOH to 4,098', pump 15.8# 60 sks Class G Neat from 4,098'-3,958'.

21. POOH to 3500' circulate for 4 hours or cement company recommended time
22. RIH and tag cement plug. Note depth/time tagged. If plug not tagged, contact Engineer.
23. TOOH to 700', pump 15.8# 322 sks Class G Neat from 700' to surface. POOH and LD tbg, top off cement as needed. If returns not seen within 5 bbls of expected volume, shut down, POOH, and allow cement to set 4 hrs. RIH, tag, and top off as necessary to achieve cement to surface.
24. RDMO Cementers, Rig, and supporting equipment. Tidy location and prep for reclamation.
25. After 5 days, verify TOC is within 5' of surface. Top off if needed. Excavate cellar ring and wellhead, cut off casing 6' below ground level and weld on cap with full legal description welded onto plate. Back fill hole.
26. Reclaim location.
27. Submit Form 6 Subsequent and Form 42 for completion of COA.