

Plug and Abandonment Procedure
Jordan #34-9
SWW Section 34, T1N, R65W
API# 05-123-12937

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, 6.5" roller-cone bit.
8. RIH and drill out cement plugs from 0-218' and 1060'-1150', noting tag depths of each plug. Circulate 2 bottoms up after falling through each plug.
9. Wash/Ream in open-hole to plug @ ~6520'. If tag is not achieved, call OGCC engineer.
10. Circulate and condition hole.
11. TOO H, Lay down BHA.
12. RIH w/ 4-3/4" tri-cone and float to ~6520'
13. Circulate and condition hole. MIRU cementers
14. Tie in cementers and pump 10bbls freshwater spacer, assuring returns, followed by 100sx Class G neat cement plug from 6510'-6310' (200' plug on top of existing). Displace to EOT with freshwater and shut down.
15. POOH and wait on cement 4 hours or cement company recommended time.
16. RIH and tag plug. If tagged below 6310', contact OGCC engineer for amended orders.
17. POOH/LD to 2500'.
18. Circulate and condition hole while MIRU cementers.
19. Tie in cementers and pump 10 bbls freshwater spacer followed by 50sx Class G neat cement plug from 2500'-2400'. Displace to EOT with freshwater and shut down.
20. POOH and wait on cement 4 hours or cement company recommended time.

21. RIH and tag plug. If tagged below 2400', contact OGCC engineer for amended plugging orders.
22. POOH and LD to 1425'.
23. Tie in cementers and pump 10 bbls freshwater spacer followed by 150sx Class G neat cement plug from 1450'-1000'. Displace to EOT with freshwater and shut down.
24. POOH and wait on cement 4 hours or cement company recommended time.
25. RIH and tag plug. If tagged below 1000', contact OGCC engineer for amended plugging orders.
26. POOH and LD tbgs to 350' and circulate. MIRU cementers.
27. Tie in cementers, Begin pumping 10 bbls spacer followed by cement until returns taken to surface (125sks prescribed). Once good returns taken, SD cement and POOH. Top off as necessary.
28. RDMO Cementers, Rig, and supporting equipment. Tidy location and prep for reclamation.
29. 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.
30. Reclaim location.
31. Submit Form 6 Subsequent and Form 42 for completion of COA.