

Plug and Abandonment Procedure
ST JOHNS CATHOLIC CHURCH #41-31
NENE Section 31, T9N, R58W
API# 05-123-19872

1. Provide 48 hr notice Form 42 to COGCC prior to rig up per Form 6 COA. Notify BLM inspector of MIRU.
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" EUE work string, power swivel.
7. Make up BHA; 2 7/8 EUE string, 2x 3-1/8" drill collars, Float, POBS, 6.5" roller-cone bit.
8. NU BOP's and test to 300 psi and chart test.
9. RIH and drill out cement plugs from 0-190'. Shut in pipe rams and test sfc casing to 300psi and chart test. If passing test, resume drill out cement in sfc casing. If test does not pass, call engineer and notify BLM to develop plan.
10. Wash/Ream in 7-7/8" Open Hole to 6,475' to tag on existing plug. If plug not tagged, contact engineer and BLM inspector for changes to plugging orders.
11. Circulate and condition hole.
12. TOOH, Laydown BHA.
13. RIH w/ 3.75" Tricone mill, XO, string float to 5,700'.
14. Circulate and condition hole. MIRU cementers and pump 50sx Class G Neat Cement from 5700'-5600'. Displace and POOH through cement.
15. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 5600', contact engineer. May require additional cement.
16. POOH to 1800', circulate and condition hole. MIRU cementers and pump 50sx Class G Neat cement from 1800'-1700'. Displace and POOH through cement.

17. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 1700', contact engineer. May require additional cement.
18. POOH to 745', circulate and condition hole. MIRU cementers and pump 50sx Class G Neat cement from 745'-620'. Displace and POOH through cement.
19. WOC 4 hours or otherwise advised by cementers and tag cement. If not tagged at or above 620', contact engineer. May require additional cement.
20. POOH to 525', circulate and condition hole. MIRU cementers and pump cement until returns taken to surface (195sks prescribed). Once good returns taken, SD cement and POOH. Top off as necessary.
21. RDMO Cementers, Rig, and supporting equipment. Tidy location and prep for reclamation.
22. 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.
23. Reclaim location.
24. Submit Form 6 Subsequent and Form 42 for completion of COA.