

**Britt B No. 10  
Plug & Abandonment**

**Procedure**

1. MIRU workover unit.
2. ND wellhead & NU BOPs.
3. Bleed off well pressure and kill well if necessary.
4. POOH with rods and tubing.
5. RIH with 6 1/8" bit and 7" casing scraper on 2 7/8" workstring.
6. Clean out to 2650'.
7. Spot 50 bbls 10# brine with 25# gel/bbl across Eumont perfs.
8. POOH with workstring, casing scraper, and bit.
9. RIH with 7" cement retainer on 2 7/8" workstring.
10. Set cement retainer at 2600'.
11. Pump 150 sx class C cmt with 2% CaCl<sub>2</sub> below retainer from 2600' to 3262'.
12. Sting out of retainer and pump 25 sx cmt cap from 2600' to 2470'.
13. Flush with 15 bbl 10# brine with 25# gel/bbl.
14. PUH to 2300' and allow cement to set.
15. RIH and tag and record TOC.
16. Circulate 100 bbl 10# brine with 25# gel/bbl to load hole with P&A mud.
17. POOH with workstring.
18. RIH with 4" perforating gun on wireline.
19. Perf 4 JSPF at 1600' with 0.4" EHD.
20. POOH with perforating guns.
21. Establish injection rate through perfs and circulate P&A mud up annulus.
22. If an injection rate cannot be established, reperf 50' uphole until injection is accomplished.
23. RIH to open perfs with 2 7/8" tubing.

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24. Pump 230 sx class C cmt with 18% salt to circulate up 7" x 9 5/8" casing annulus.
25. When cement returns are noted up 7" x 9 5/8" casing annulus, close casing valve and fill 7" casing to surface with 310 sx cement.
26. POOH with workstring.
27. If cement did not circulate to surface up 7" x 9 5/8" casing annulus , pump 25 sx cmt down casing annulus
28. RIH with 150' of 1" tubing down 9 5/8" x 13 3/8" casing annulus.
29. Circulate 50 sx cement to surface.
30. POOH with 1" tubing.
31. If cement does not circulate to surface, pump 50 sx cmt down 9 5/8" x 13 3/8" casing annulus.
32. Cut off casing 3' below surface.
33. Weld 1/4" thick metal cover over wellbore.
34. Install abandonment marker with well name and location inscribed on the marker.
35. Restore location.
36. Thank You.

Cary Bounds

Cary Bounds  
Engineer

February 7, 1994  
Date

RECEIVED

MAR 22 1994

OFFICE