

ATTACHMENT III-5 (Continued)

11. Rig up cement service equipment. Cement shall be densified Class "H" (or comparable), weighing 16.4 pounds/gallon. Pressure test the surface lines as required.
12. Spot sufficient Class "H" (or comparable) cement slurry to develop a cumulative 100-foot column (minimum). Pull the tubing up 200 feet and reverse out excess cement. Catch a sample of cement to check curing time and compressive strength. Allow the cement to set overnight (eight-hour minimum) before tagging top of plug to confirm proper setup and location. Pressure test the plug to the pressure recommended by the OCD. If cement is set adequately, proceed to Step 13. Otherwise, spot additional cement on top of the first plug, as before, to achieve a cumulative 100-foot cement plug. Allow cement to set for a longer period, if necessary.
13. Displace the casing with heavy mud from top of plug to 2600 feet (50 feet below the base of the intermediate casing).
14. Pull tubing up to 2600 feet. Place densified Class "H" (or comparable) cement plug from 2600 feet to 2500 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
15. Displace the casing with heavy mud from 2500 feet to 450 feet (50 feet below the base of the surface casing).
16. Pull the tubing up to 450 feet. Place densified Class "H" (or comparable) cement plug from 450 feet to 350 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
17. Displace the casing with heavy mud from 350 feet to 100 feet.
18. Pull the work string to 100 feet below the surface and spot 100 feet of densified Class "H" cement as the surface plug. Lay down remaining tubing and remove the bradenhead. Cut casing strings three feet below ground level.
19. Weld a 1/2 inch steel plate across the 9-5/8 inch casing. The location of the well will be marked with a steel marker 4 inches in diameter and 4 feet high above mean ground level. The marker will show the operator name, lease name, well number, section, township, range and unit letter.
20. Release all equipment and clean up the location.
21. Submit closure data to the OCD, and arrange for inspection of the well and location.