

Speaker L
40.616415 / -104.180325
05-123-14369

Speaker L Procedure

1. Survey and locate plugged wellbore. Set a stake and record as-drilled GPS coordinates.
2. Excavate around wellbore to expose the top of the surface casing.
3. Cut existing cap off wellbore. Weld a slip collar to 8-5/8" casing and necessary length of casing to reach ground level. Weld another 8-5/8" slip collar.
4. MIRU workover rig.
5. Install wellhead and BOP. Test BOP.
6. PU and RIH with 6-1/4" tricone bit, 10 3-1/2" drill collars, and 2-7/8", 6.5#, L80, EUE workstring.
7. Drill out 1st surface cement plug and circulate hole clean.
8. Continue drilling or RIH to top of 2nd surface casing plug. Record depth of plug.
9. Pressure test surface casing to 500 psi. If surface casing fails pressure test, contact engineer and hunt holes.
10. After pressure test of surface casing, drill out surface casing plug. If pressure is encountered below surface casing plug, circulate hole with mud or kill fluid until well is dead or blown down.
11. POOH and LD 6-1/4" tricone bit.
12. PU and RIH with mule shoe and 2-7/8" L80 tubing down to 7146'.
13. RU cement crew, pressure test lines to 4,500 psi, and spot plug from 7146'-6946' with class G cement (65 sks) to cover the D Sand formation.
14. POOH and spot plug from 6435'-6135' with class G cement (100 sks) to cover the Niobrara formation.
 - a. **FROM THIS POINT MOVING FORWARD:** Must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact engineer before continuing operations.
15. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 6235', contact engineer.
16. POOH and spot plug from 1632'-1482' with class G cement (50 sks) to cover the Pierre formation.
17. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 1532', contact engineer.
18. POOH and spot plug from 650'-450' with class G cement (70 sks) to cover the surface casing shoe and Fox Hills.
19. POOH to surface. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 506', contact engineer.
20. POOH and spot plug from 100' to surface with class G cement (35 sks).
21. RDMO. Top off cement after rig has moved, if necessary.
22. After surface plug has set, cut casing to 5' below ground level and weld on a plate to seal the well.
23. Inscribe the well's legal location, well name and number, and API number on the plate as shown:

1980' FSL, 720' FWL, NWSW Sec 35, T8N, R61W
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24. Photograph welded name plate and send to engineer before proceeding.
25. After confirmation from engineer is received, backfill hole and reclaim surface to original conditions.
26. Cover up the well and remediate the disturbed area.