

Summary of Re-entry and Re-plugging Operations: Brungard 1 (05-123-05542)

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 crossover from 10-3/4" casing to 9-5/8" casing and necessary length of casing to reach ground level. Weld an 9-5/8" slip collar.
4. Install wellhead and BOP.
5. Drill out surface cement plug with 6-1/2" bit. Pressure test surface casing to 250 psi before drilling out surface casing plug. Drill out surface casing plug.
6. Continue drilling or RIH, cleaning out with drilling mud or water to existing plug at +/-6820'. Record plug depth and TOOH. LD bit and 2-7/8" workstring. If no plug is tagged by 6920', TOOH.
7. PU and RIH with mule shoe and 2-7/8" L80 tubing to 6146'. RU cement crew, pressure test lines to 4,500 psi, and pump a balanced plug of 49 sks 15.8 ppg Class G neat cement at 6146'. (cement NIO plug 6146'-5996')
8. POOH to 1600'. RU cement crew and pump 33 sks of 15.8 ppg Class G neat cement at 1600'. (cement Pierre plug 1600'-1500')
9. POOH to 525'. RU cement crew and pump 126 sks of 15.8 ppg Class G neat cement at 525' and bring cement to surface. POOH with 2-7/8" tubing. RDMO. Top off cement after rig has moved, if necessary.
10. Cut off casing 5' below surface and weld on a cap to seal the well.
11. Cover up the well and remediate the disturbed area.