

### **Summary of Re-entry and Re-plugging Operations: CARLSON 1-23**

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. 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 to tag existing plug at 1500'.
7. If plug is tagged at +/- 1500', POOH and spot plug from 537' to surface with class G cement (190 sks).
8. Cut off casing 5' below surface and weld on a cap to seal the well.
9. Cover up the well and remediate the disturbed area.