

- D. GIH with WS to 6315'. Tag top of cement and pull up 2'.
2. Set CIBP and spot cement plug:
- A. MIRU cement services.
 - B. Spot 40 sx cement from 6315' to 6070' and displace with 35 bbls fresh water. POOH.
 - C. GIH w/7" CIBP, setting tool, and 2-7/8" WS. Set CIBP @ 5750'. Release setting tool and pull up 2'.
 - D. Load and circulate hole with 220 bbls mud.
 - E. Spot 50 sx cement on CIBP from 5750' to 5450' and displace with 31 bbls mud.
 - F. POOH laying down WS to 2780'.
3. Spot cement plug from 2780' to 2565'.
- A. Load hole with 6 bbls mud.
 - B. Pump 35 sx of cement and displace with 15 bbls mud.
 - C. POOH laying down WS to 1540'.
4. Spot cement plug across 9-5/8" casing shoe and top of salt from 1540' to 1325'.
- * PERFORATE 7" CASING AT $\pm 1450'$.
 - A. Load hole with 2 bbls mud.
 - B. Pump ~~65~~ sx of cement and displace with 7 bbls mud.
 - C. POOH with WS. WOC. GIH and tag top of cement.
 - D. POOH laying down WS.
5. Circulate cement up surface casing and set surface plug:
- A. MIRU wireline services.
 - B. RIH with a 4" casing gun loaded 4 JSPF (120' phase, .4" EHD) and CCL.
 - C. Perforate 7" production casing @ 350'. POOH.
 - D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 15 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
 - E. Pump 115 sx cement (14 sx excess) to fill up 9-5/8" x 7" annulus and set surface plug in 7" casing.
- Note: If cement does not circulate to surface, pump 25 sx down 9-5/8" x 7" annulus. Do not exceed 1000 psi surface pressure.
- F. POOH with tubing.
 - G. RD wireline and cement services.
6. Prepare surface location for abandonment:
- A. ND BOP and cut off all casing strings at the base of the cellar or 3' below the final restored ground level (whichever is deeper). RDMO pulling unit.
 - B. Fill the casing strings (if necessary) from the cement plug to surface with cement.