Stevens B No. 3 Plug and Abandon Page 2

**Recommended Procedure:** 

- 1. Prepare well for P&A:
  - A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg mud if needed.
  - B. ND wellhead and NU BOP. TOOH laying down 2-3/8" production tubina.
- 2. Spot cement on top of cement retainers:
  - TIH w/2-3/8" WS and tag cement retainer @ 3546'. PU 2'. Α.
  - MIRU cement services. Load and circulate hole with 83 bbls mud. Β.
  - Spot 10 sacks cement from 3450'-3546' and displace with 13 bbls С. mud.
  - D. POOH laying down WS to 1464'.
- 3. Spot cement plug across top of salt:
  - A. Load hole with mud.
  - Spot 11 sacks cement from 1358'-1464' and displace with 5 bbls Β. mud.
  - C. POOH laying down WS.
- 4. Circulate cement up surface casing and set surface plug:
  - A. MIRU wireline services.
  - RIH with a 4" casing gun loaded 4 JSPF (120° phase, .4" EHD, Β. centralized) and CCL.
  - С.
  - Perforate 5-1/2" production casing @ 400'. POOH. GIH w/1 joint 2-3/8" tubing. Close BOP. Pump 17 bbls mud to D. load hole and establish circulation up  $8-5/8" \times 5-1/2"$  annulus.
  - Pump 112 sx of cement (12 sx excess) to fill up 8-5/8" x 5-1/2" Ε. annulus and set surface plug in 5-1/2" casing.

Note: If cement does not circulate to surface, pump 25 sx down 8-5/8" x 5-1/2" annulus.

- F. POOH with tubing.
- G. RD wireline and cement services.
- 5. Prepare surface location for abandonment:
  - ND BOP and cut off all casing strings at the base of the cellar Α. 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.
  - C. Cover the wellbore with a metal plate at least 1/4" thick, welded in place, or a cement cap extending radially at least 12" beyond the 8-5/8" casing and at least 4" thick.

