

March 1, 1993

FC Federal #14 (Ft Coal)

**SW, NE, Sec. 5, T29N, R14W
San Juan County, New Mexico**

PLUG AND ABANDONMENT PROCEDURE:

1. MOL and RUSU. Comply to all NMOCD, BLM and Conoco Safety rules and regulations.
2. Unseat pump and circulate down tubing; reseal pump and pressure test tubing to 1000#; POH and LD rods and pump.
3. Kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
4. POH and tally 2-7/8" tubing (22 jts); RIH with open ended tubing to 790'.
5. Plug #1 from 790' to 422' with 81 sxs Class B cement (100% excess, covers Fruitland perms and top of Ft at 472'); POH and shut in well. WOC.
6. RIH and tag cement. Pressure test casing to 500#. Spot 8.4# 40 vis mud from top of cement to 191'; pull tubing up to 191'.
7. Plug #2 from 191' to surface with 21 sxs cement; POH and LD tubing. Attempt to pump into bradenhead *; if able then fill with 60 sxs cements (50% excess). WOC.
8. ND BOP and cut off wellhead below ground level and install dry hole marker. RD and MOSU.
9. Restore location to BLM stipulations.

* Note: Cement was circulated to surface; CBL confirmed. It is unlikely the bradenhead will take any fluid.