

SAPPHIRE FEDERAL UNIT #1  
COMPLETION PROCEDURE CONT'D

8. MIRU Wireline Company. RIH w/1 11/16" GR-CCL tool thru tbg. Locate radioactive tag in tubing collar above the packer. Run a short section of correlation log for correct positioning of the guns. Reference Schlumberger GR-CNL-LDT log (Repeat Section)✓dated 2/18/89.
9. Install tubing subs below the slick joint to put the shots exactly on depth. Load annulus with 2% KCl water made up with oxygen scavenger.
10. With annulus full, set pkr w/10,000# compression. ND BOP. Install wrap around and NU XMAS tree.
11. NU adjustable choke and set for 32/64" to allow for well clean up without plugging.
12. Stake down flowline to pit.
13. Load tbg w/2% KCl water until pressure operated vent opens. Monitor tubing with Vann shot detection system to determine when vent opens. Note: Hydrostatic vent will be pre-set to open under 900 psi hydrostatic.
14. RU well testing company's heater/separator and connect oil and water lines to test tanks.
15. Light bucket at end of flowline, drop detonating bar and fire gun.
16. Flow well for initial cleanup. RD PU.
17. Run 4 point flow potential test.

MJS/tl mys

DLT

E.R. Eala

3/1/89  
JAS 3/1/89