

GULF FEDERAL NO. 2

WORKOVER PROCEDURE

1. Pump KCL water down both tubing strings to kill well.
2. Install BOP.
3. Pull both strings of tubing and inspect Morrow perforating guns.
4. Circulate hole with packer fluid.
5. Spot 750 gallons of 10% acetic acid from 10,695'.
6. Perforate the following intervals with 1 shot per foot using a casing gun:

ATOKA

10,856' - 10,863'

10,892' - 10,896'

10,899' - 10,906'

MORROW

11,405' - 11,410' - 11,640' - 11,645'

11,426' - 11,431' - 11,652' - 11,657'

11,511' - 11,514' - 11,662' - 11,669'

11,589' - 11,593' - 11,673' - 11,677'

11,631' - 11,635' - 11,685' - 11,691'

7. Run both strings of 2 1/16" tubing with a Model "K" packer to be set at 10,300' and a Lok-Set packer to be set at 10,800'.
8. Displace acid into the lower perforations with KCL water.
9. Swab test. Re-treat zones with 5,000 gallons of 7 1/2% M.S. acid using 96 rubber covered nylon ball sealers and 750 SCF of N₂ per bbl. in acid and flush.
10. Swab test.
11. Treat Strawn zone with 3,000 gallons of 15% N.E. acid using 750 SCF of N₂ per gallon in acid and flush.
12. Swab test well and put on line.