

# Louis Dreyfus Natural Gas Corp.

Quahada Ridge "31" Federal #1

Sec 31-T22S-R29E

## Recompletion Procedure

1. MI & RU Workover unit. Hang off well and TOOH w/ Rods and Pump.
2. ND well head and install 3000# BOP. Circulate hole w/ treated water.
3. TOOH w/ tubing. See schematic for details.
4. MI & RU Wireline unit. Set CIBP at 6045'. Dump Bail 50' of cement on top of plug. Tag top of cement plug with wireline. Pressure test casing to 1000 psi.
5. Perforate Delaware formation 5890-5926' w/ 73 holes.
6. TIH w/ SSN and tubing to 5930'. Spot 250 gals 7 1/2% HCL over perms. TOOH to 5750'.
7. Breakdown perms and acidize w/ 3000 gals 7 1/2% HCL and 100 ball sealers.
8. Flow well back and swab test as needed.
9. Stimulate well and flow back if needed.
10. TOOH w/ tubing.
11. Tube well for pump as follows:

30' BP mud anchor

4' perfed sub

SSN @ 5930'

4 jts tbg

5 1/2" TAC

\_\_\_ jts to surface
12. Run pump and rods as well tests dictate.
13. If zone from 5890-5926' unproductive set CIBP at 5840' and spot 50' cement on plug.
14. Repeat steps 5 thru 10 for Delaware zone perforated from 5512-5530 w/ 38 holes.