

## WORKOVER PROCEDURE

### J. M. Denton Well No. 5

1. MIRU pulling unit.
2. N/U BOP's.
3. POOH with 2 3/8" tubing.
4. R/U wireline company. RIH with gauge ring and junk basket to  $\pm 11,500'$ .
5. RIH with 5 1/2" cement retainer and set at 11,340'.
6. R/D wireline company.
7. RIH with 2 3/8" tubing and stinger; sting into retainer.
8. Establish pump in rate and squeeze Devonian perforations from 11,390-11,420' with 200 sx. cement.
9. Pull out of retainer and leave 35' of cement on retainer.
10. Reverse circulate and POOH with 2 3/8" tubing.
11. R/U wireline company and RIH with perforating guns.
12. Perforate with 4 JSPF at 9800'.
13. RIH with cement retainer and set it at 9750'.
14. RIH with 2 3/8" tubing and stinger; sting into retainer and establish pump-in rate.
15. Squeeze perfs with 200 sx cement. POOH with 2 3/8" tubing.
16. RIH with 4 - 3 1/4" DC, bit, on 2 3/8" tubing and drill out retainer and cement. Close rams and pressure test casing to  $\pm 1000$  psi.
17. POOH laying down tubing and drill collars.
18. R/U wireline company. Perforate Penn formation from 9960-10,250' with 2 JSPF (total 580 holes).
19. P/U 3 1/2" plastic-coated tubing and packer.
20. RIH with tubing and packer to 9900'.
21. Pump 102 bbls. packer fluid down backside, and set packer at 9900'.
22. Install wellhead and R/D pulling unit.
23. Pump 5000 gallons acid and start injecting produced water.