

PROCEDURE: Conoco 9A State #1 Well

1. MIRU Pulling Unit. NU BOP's (see attached diagram)
2. Release tbg from pkr (pull at least 5-10 pts over string wt and rotate 5-10 turns to the rt). Drop SV and test tbg to 5000#. POOH w/tbg laying down.
3. RU WL company, set CIBP @ 11,180'. RD wireline co.
4. Load hole w/2% KCL, pressure test CIBP to 1500# for 10 min. If csg does not hold, PU 2-7/8" work string & locate leak/hole w/tbg & pkr. After locating any leak/hole, set pkr below hole & test CIBP to 1500#, then we will proceed with recompletion assuming all work and production will proceed below pkr & leak/hole. POOH w/tbg & pkr.
5. PU TCP guns for perfs 11,154-57 & 66-68 (4 JSPF), 1 jt 2-3/8" tbg, pump out plug, 1.625" profile nipple, 4' pup jt, 5-1/2" Loc-Set pkr w/on-off tool, 1 jt 2-7/8" tbg, radioactive locator collar, & remaining tbg & RIH to 11,168'. RU Wireline company and spot pkr and guns. RD wireline co., set pkr
6. Pressure up tbg to open pump out plug. Drop bar to perf. Test well.
7. If necessary, RU Acid Company, acidize perfs w/1500 gals 7-1/2% HCl w/additives + 40 ball sealers. RD acid co.
8. RU swab and swab, test well. If marginal or unproductive, proceed to next step, if productive, RU wireline co. w/high pressure lubricator and set blanking plug in profile nipple. RD wireline co. Release work string from on-off tool, POOH w/work string laying down. PU 2-1/16" production string & RIH and latch in to pkr/on-off tool. ND BOP's NU wellhead. RU wireline co w/high pressure lubricator and retrieve blanking plug, put on line & RD pulling unit.
9. Release pkr & POOH w/tbg & pkr assembly.
10. RU WL co and set CIBP @ 11,120', dump 2 sx cmt on top of plug. RIH w/tbg & pkr below csg hole and test plug to 1500#. POOH w/tbg & pkr.
11. PU TCP guns for Morrow perfs from 10,991-97 (4 JSPF), 1jt 2-3/8" tbg, pump out plug, 1.625" profile nipple, 4' pup jt, 5-1/2" Loc-Set pkr w/on-off tool, 1 jt 2-7/8" tbg, radioactive locator collar, and remaining tbg & RIH to 10,997. RU Wireline co. and spot pkr and guns. RD wireline co, set pkr.
12. Pressure up tbg to open pump out plug, drop bar to perf, test well.
13. If necessary, RU acid company, acidize perfs w/1500 gals 7-1/2% HCl w/additives + 50 ball sealers. RD acid co.
14. RU swab, swab and test well. If marginal or unproductive, proceed to next step, if productive, follow procedures outline in step #8 for productive well.
15. Release pkr & POOH w/tbg & pkr assembly.
16. RU WL Co and set CIBP @ 10,950', dump 2 sx cmt on top, RIH w/tbg & pkr below csg hole and test plug to 1500#
17. Perforate Strawn Lime w/3-3/8 " csg gun from 10,312-24,