

Union Pacific 113x22 (05-103-08606). General procedure to convert well from Weber formation producing well to a Navajo formation disposal well.

1. R/U wireline, perform bottom hole pressure survey and set tubing plug.
2. MIRU workover rig. N/D Tree N/U BOPE and test.
3. Pressure test casing to 2300 psi for 30 mins.
4. Release from on/off and TOH with 7" PS1X packer and fiber lined tubing.
5. Run cased hole logs from 5,410' to surface (CNL on a limestone and sandstone matrix, and GR)
6. P/U and TIH with workstring and engage on-off tool.
7. R/U wireline and RIH and pull tubing plug.
8. POH with work string.
9. RIH with fishing BHA on workstring.
10. Fish Lok-set packer and tubing. TOH.
11. P/U bit and scraper. Make bit and scraper run to 6,245'. TOOHL/D bit and scraper.
12. P/U 7" CICR and TIH and set @ 6,140'. Pressure test tubing to 2000 psi. Establish Injection rate through CICR.
13. MIRU cement providers. Test lines to 500 psi above established injection rate pressure.
14. Squeeze Weber perforations with ~166.5 sacks of 1.15 cuft/sk Neat G cement.
15. Sting out retainer leaving 150' or 48 sacks of Neat G cement on top of the retainer to 5,990'. Pull up 100' above cement and reverse tubing clean 1-1/2 tubing volumes. WOC cement. Tag to confirm cement top. TOH.
16. RIH and set 7" RBP. N/D BOP. Perform wellhead upgrade. N/U BOP and test.
17. MIRU E-line equipment. RIH and perforate Navajo from ~4,815' – 5,300' with guns loaded 3 SPF and 120 degree phasing. POOH verify guns fired.
18. Collect water samples for full analysis.
19. P/U treating packer and TIH to ~4,775' and breakdown Navajo perfs and acidized as needed.
20. TOOHL/D packer.
21. RIH with injection Equipment.
22. N/D BOPE. RDMO. Turn well over to operations. Perform MIT.
23. Perform step rate test.