DFIT Procedure

Well Name: TR 313-28-597

1. Contact production rig down automation and secure wellhead
2. MIRU Workover , NU Test BOP, Tag for fill Rig pull Production tubing & rack back
3. MIRU E-Line Services set Composite plug at 6,010'
4. Pressure Test Composite plug to 4500 PSI
5. Run in with Tbg. & circulate the gas out of the wellbore prior to the pressure test and shooting the squeeze perfs
6. Pick up perforating guns
7. Run Perforators into 5,960' Depth shoot DFIT holes
8. Run 2 3/8 tubing with Packer in to 5,940' depth
    a. BHA needed & Testing
        i. Seat nipples X & XN space out 1 joint
        ii. Hydrotest tubing back in
    b. Circulate bottoms to remove gas
9. Pressure Test tubing and packer to 4,500' PSI
10. Pick up Slickline
    a. Pick up Northern Lights gauges with downhole shut in valve
    b. Rig onto well and run in
    c. Tag Xn nipple set valve and gauge in nipple
    d. Pull slickline and rig off well
11. Begin to pump DFIT. Ensure breakdown of formation has occurred
    a. If you don't see good breakdown within the first 10 bbls, increase rate by a couple bpm until 15 bpm or pressure out.
    b. If no breakdown occurs, call engineer
    c. If breakdown occurs, continue to pump DFIT per procedure
12. Pump DFIT
    a. After initial break, pump at 8-10 bpm for **8 minutes**. Do NOT change rate during DFIT
    b. Perform step rate test at end of job
        i. Need 3 steps, (2.5 bbls per step)
    c. Get ISIP, 5, 10 and 15 minutes pressures
    d. Make sure ISIP is a hard shut in
13. RD Halliburton
14. Leave gauges on for 5 days (shut in valve opens in 5 days)
15. Rig automation up to tubing & casing to ensure plug is holding

16. Pull gauges and send data to:
    a. Tyler Burt – samuel.burt@wpxenergy.com
    b. Jason Bundick- jason.bundick@wpxenergy.com
    c. Autumn Shannon – autumn.shannon@wpxenergy.com