

**FROM THIS POINT ON, MAKE SURE ALL WORKOVER FLUID IS 2% KCL TREATED WITH SURFACTANT (LO-SURF) AND CLAY STABILIZER (CLASTA XP) TO PREVENT DAMAGE TO MORROW FORMATION.**

9. Drill out CIBP at 10,700'. Push junk to PBTD at 11,110'. TOH.
10. PU and TIH with Wireline re-entry guide, 1 joint 2-7/8" N-80 tubing, 2.31" Baker F Nipple, 1 joint 2-7/8" N-80 tubing, Baker Model AL-2 Lok-set packer, Baker on/off tool with 2.31" profile, and 2-7/8" N-80 tubing. Hydrotest tubing to 7000 psi while TIH. Set packer at 10,420'. Fill backside with 9 ppg clean packer fluid, approximately 158 bbls.
11. ND BOP. NU Wellhead. Swab back tubing load and flow test lower Morrow perforations. Establish entry rates and pressures.
12. RU wireline unit and full lubricator. Perforate Upper Morrow A from 10586' to 10596' with tubing gun, 2 spf. Correlate to Dresser Atlas - Compensated Densilog Log dated 9/15/78. 10,748' - 11,062'
13. Flow test well. Establish entry rates and pressures.
14. If necessary, RU Halliburton and tree saver. Pressure backside to 1000 psi and hold for treatment. Acidize down 2-7/8" with 3000 gallons 7.5% MOD 101 acid containing 50% CO2 as follows:
  - A. Pump 500 gallons acid (1000 gallons foam)
  - B. Pump 2000 gallons acid (4000 gallons foam) dropping 150 1.1 sg balls spaced 3 balls/bbl acid.
  - C. Pump 500 gallons acid (1000 gallons foam)
  - D. Flush to top of perms at 10,586' with treated 2% KCL water (approximately 63.5 bbl)Anticipated rate is 5 to 7 BPM. Maximum treating pressure is 7000 psi.
15. Flow test well. After well cleans up and stabilizes, conduct a 4 point test. Turn over to production.

Recommend:

  
Paul Neumeister, Engineer II

5/1/98  
Date

Approve:

  
Hal A. Lee

5/4/98  
Date