

# RECOMPLETION PROCEDURE

LEA UNIT NO. 12

AFE NO. 44690

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7. Rig up service company. Pickle 2-3/8" tubing with 750 gallons of 15 % HCl double inhibited acid. Displace the acid with 49 BBLs KCl down tubing. Reverse circulate hole with 600 BBLs of 4% KCl water with clay stabilizer. Rig down service company.
8. Pull out of the hole with 2-3/8" tubing. Nipple down BOPs. Change 5K wellhead assembly to 10K wellhead assembly. Use tubing head adapter for tubing hanger with back pressure valve profile. Install Safety Relief valve on 2-3/8" and 7-5/8" annulus. Nipple up BOPs and close blind rams to test BOP stack.
9. Pick up 4-5/8" Vanngun assembly with 6 JSPF 32 gram RDX charges (60 Degree Phasing). Run in the hole with Vannguns, production packer, SN, on/off tool and 2-3/8" tubing. Fill 1st 9-10 stands with 4% KCl water. Position the bottomhole assembly to ±12,975' by the tubing tally.
10. Rig up wireline company. Run in the hole with a thru-tubing GR/CCL and correlate the radioactive tubing tag to position the Vanngun assembly. Pull out of the hole and rig down wireline company.
11. Adjust the tubing with 2-3/8" tubing subs to get Vanngun on depth. Set the packer with 15,000# minimum compression.
12. Nipple down BOPs and nipple up wellhead.
13. Drop Bar Pressure Vent tube and open ports below the packer. Monitor annulus and tubing for packer failure.
14. Rig up flow lines to frac tank, tie in test separator, flair lines and flair. Close adjustable choke. Pressure test wellhead.
15. Drop detonating bar and perforate the Morrow at 13,003' to 13,007' and 13,028' to 13,048 with 6 JSPF.
16. If Morrow flow tests less than 1,000 MCFPD, evaluate for acid stimulation.
16. Flow back well and test. Allow well to stabilize for 5 to 7 days. Shut-in well and run a build-up test. Conduct a Four Point test for the state.
17. Install meter run, tie into sales line and place well on production.