

Application Number: 45054  
Plan Revision: December 2025**ATTACHMENT J****STIMULATION PLAN [LAC 43:XVII.3607.C.2.h, and 40 CFR 146.82(a)(9)]****1. FACILITY INFORMATION**

Facility name: River Parish Sequestration – RPN 1

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Well name/location:

Well	Parish/State	Latitude (NAD27)	Longitude (NAD27)
RPN-1-INJ	Ascension, LA	30° 6' 9.04" N	91° 3' 45.37" W

**2. INTRODUCTION/PURPOSE**

The proposed Stimulation Plan is not proposed for the improvement of injectivity into the injection zone. The sole purpose for this Plan is for the cleanup of perforation debris after the perforating process of the injection interval.

**3. STIMULATION PROCEDURES**

**Note:** Perforation shot density and phasing to be added when the perforation strategy is finalized.

1. Move in, rig up workover rig, pump skid and tanks.
2. Tie into Wellhead Tree, fill 7" tubing with 9.5 ppg KCL water. Install BPV (back pressure valve) in wellhead hanger.
3. Remove 7 1/16" 5,000 psi Tree, install 7 1/16" 5,000 psi BOP's and choke manifold. Remove BPV, install 2-way check valve in wellhead hanger. Test BOP's and choke manifold to 250 psi Low and 5,000 psi High. Remove 2-way check valve.
4. TIH, picking up 2 7/8" 6.5# Workstring, open ended with 2 7/8" muleshoe. GIH to within 50' of top of perfs.
5. RU acid pump truck, acid bulk truck and ball diverter to 2 7/8" workstring. Test pump lines to 4,000 psi.
6. Roll acid for a minimum of 30 minutes. Titrate on location to verify 15% HCL concentration
7. Circulate 10 gallons of 15% HCL acid per perforation down 2 7/8" workstring, dropping water soluble balls as per perforation program. Pump acid to base of 2 7/8" workstring.
8. Shut down pump and shut in well on BOP. Resume pumping remaining acid, displacing acid to base of 2 7/8" workstring with 9.5 ppg KCL water bullheading acid thru perfs, allowing balls to divert acid throughout perforation interval.
9. Shut down pump, let acid soak on perfs and allow diverter balls to dissolve for one hour.

Application Number: 45054  
Plan Revision: December 2025

10. Resume bullheading an additional 50 bbls of 9.5 ppg KCL water to clear all perforations of acid. RD acid pump truck and pump lines.
11. Check well for any pressure, if no pressure, open BOP's and circulate well with 9.5 ppg KCL water. **Note:** if pressure on well, circulate and kill well with kill weight clear fluid.
12. POOH, Laying down 2 7/8" workstring.
13. Install 2-way check valve in wellhead hanger, ND BOP's and choke manifold, Install 7 1/16" 5,000 psi Tree. Test Tree to 5,000 psi. Remove 2-way check valve.
14. Rig down, move out workover rig and equipment
15. Connect Wellhead Tree and equipment for Injection Operations.