

J. N. Carson (NCT-C) # 5  
Paddock Field  
T21S, R37E, Section 33  
Job: Plug And Abandon

**Procedure:**

**This well is located in or near a public area of the city of Eunice. Before commencing work, have a risk assessment performed by the FCS. If the work cannot be performed with the safety of the public assured, then perform this abandonment with a single derrick rig under supervision of the FCS.**

1. MI & RU pulling unit. Bleed pressure from well, if any. Pump down csg with 10 PPG brine water, if necessary to kill well. POH with rods and pump. Remove WH. Install BOP's and test to 1000 psi.
2. POH with 2 3/8" tbg string. LD tbg string while POH. PU 6 1/4" MT bit and GIH on 2 7/8" work string to approximately 5300'. POH w/ 2 7/8" work string and bit. LD bit.
3. MI & RU electric line unit. GIH and set CIBP at 5050'. POH. GIH and dump 35' cmt on top of CIBP. POH. GIH and perforate from 2950-51' with 4 JSPF at 90 degree phasing. POH. RD and release electric line unit.
4. PU and GIH with 2 7/8" work string open-ended to 5015'. LD and tag top of cmt on CIBP at 5015' (CIBP set at 5050' with 35' cmt on top). Displace casing with 9.5 PPG salt gel mud from 5010'. POH with 2 7/8" work string.
5. PU and GIH with 7" pkr on 2 7/8" work string to 2850'. Set pkr at 2850'. Establish pump-in rate into squeeze holes at 2950-51'. Open 7" x 9 5/8" annulus casing valve while pumping and attempt to establish circulation to surface. POH with 2 7/8" work string and pkr. LD pkr. **Note: If cannot pump into perfs 2950-51, contact Gary Wink at NMOCD to obtain permission for balanced cement plug from 2960-2850' inside 7" csg.**
6. PU and GIH with tbg-set CICR on 2 7/8" work string to 2850'. Set CICR at 2850'. Pressure test csg and CICR to 500 psi. Establish pump-in rate into perfs 2950-51'. Hold 500 psi on tbg/csg annulus during sqz job.
7. RU cementing equipment. Cement squeeze perfs 2950-51' using procedures and cement specs provided by Drilling Group. Sting out of CICR. Reverse out excess cement. POH with 2 7/8" work string and stinger. LD stinger. **Note: Perform squeeze job with annulus casing valve open. Use Class "C" cement and pump sufficient slurry volume to bring cement to surface.**