

# LPGCD North Lee County Mitigation Program and Carrizo Management Zone

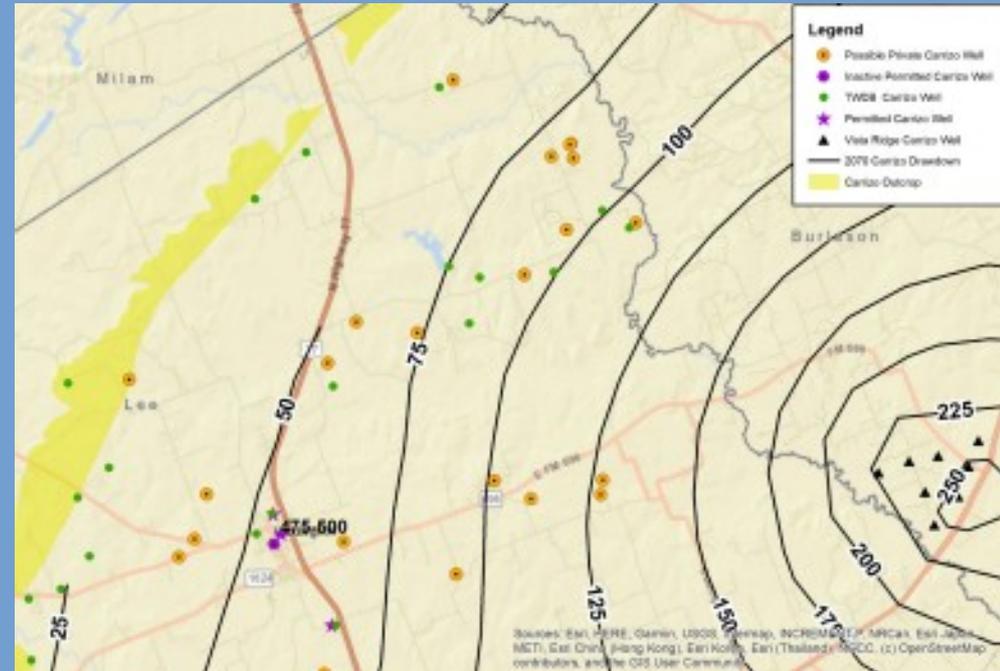
May 26<sup>th</sup> 2021  
Lexington American Legion



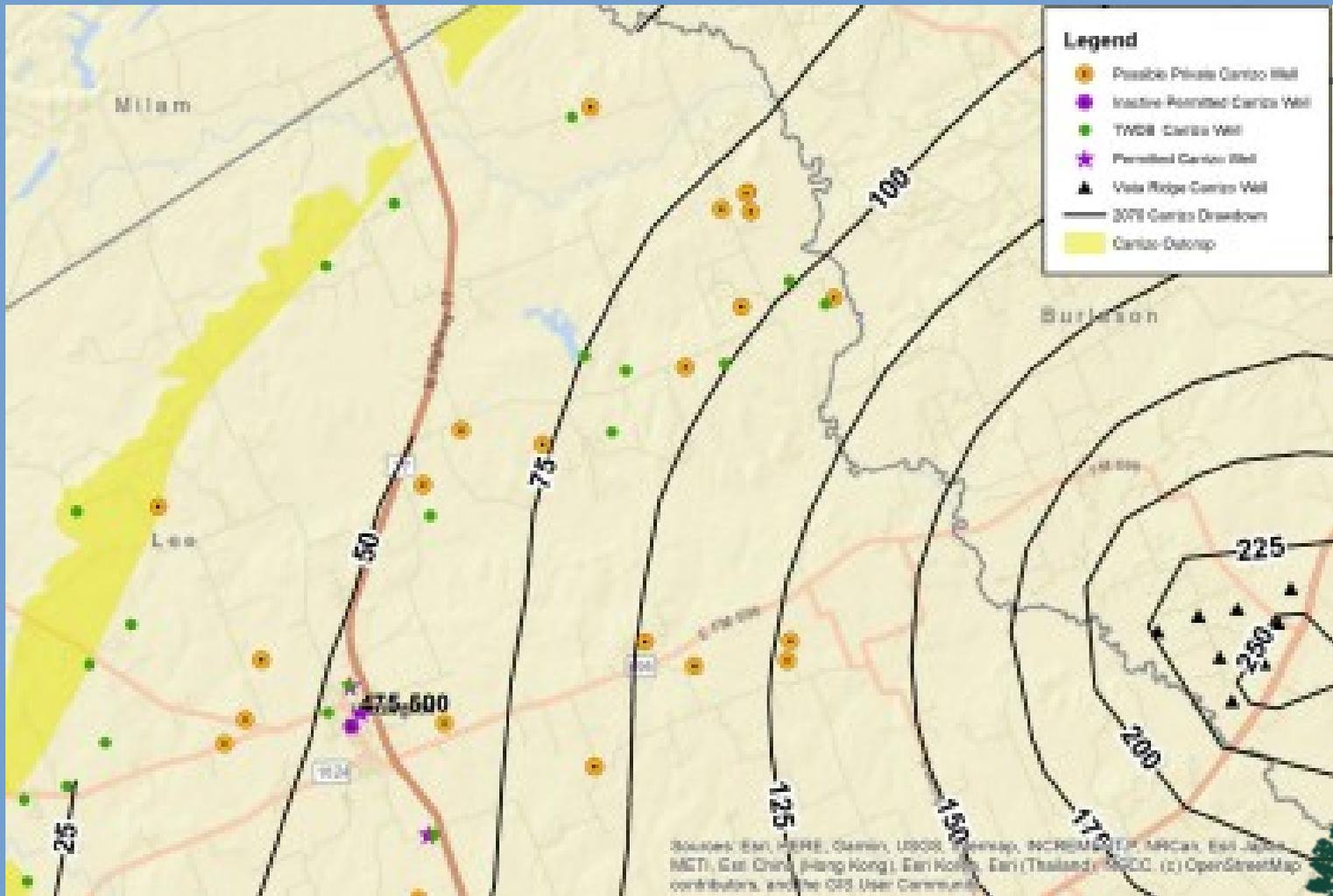
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GROUNDWATER  
CONSERVATION DISTRICT

# Impacts from Vista Ridge production

- Vista Ridge production in Burleson County began in 2020
- Under permits issued by Post Oak Savannah GCD
- Approximately 15,000 acre feet per year from the Carrizo aquifer



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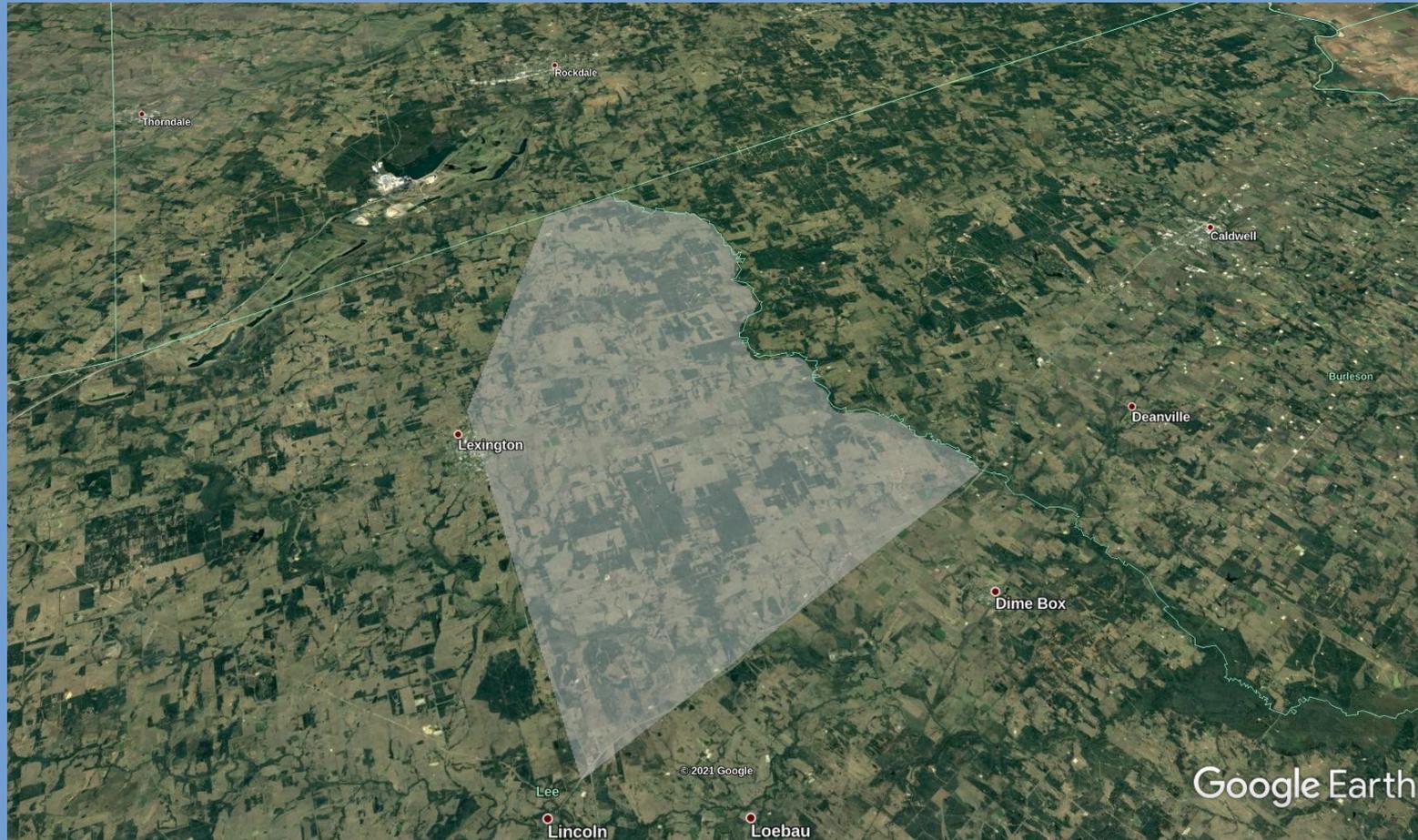
# Initially Impacted Area

- ~110 square mile area between SH 21 and SH 77 east of Lexington



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# Initially Impacted Area



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- Up to 75 registered wells potentially completed in the Carrizo formation in the area.
- Estimate as many as 150 total wells including unregistered wells
- Average remediation cost estimate \$3,500
- Some remediation costs much higher



# Proposed Mitigation Plan

- Reimburse Carrizo well owners in impacted area for costs on a per well basis
- Reimbursement based on documented work performed (invoices and receipts)
- Maximum per well payment
- Register unregistered wells



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# Proposed Mitigation Plan

- District staff authorization (>\$3,500)
- Monitoring Committee recommendation (<\$3,500)
- Board approval
- Monthly reporting as part of financial report



# Proposed Mitigation Plan

- Revisit program scope and area annually
- Expand impacted area based on monitoring data
- Stay ahead of future impacts



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# Actions Requested

- Internal financial controls – District staff & auditor
- Establish application process/forms – District staff & consultants
- Set authorization levels and maximum per well reimbursement
- Set total maximum program cost if desired



# Lee County Carrizo Management Zone (LCCMZ)

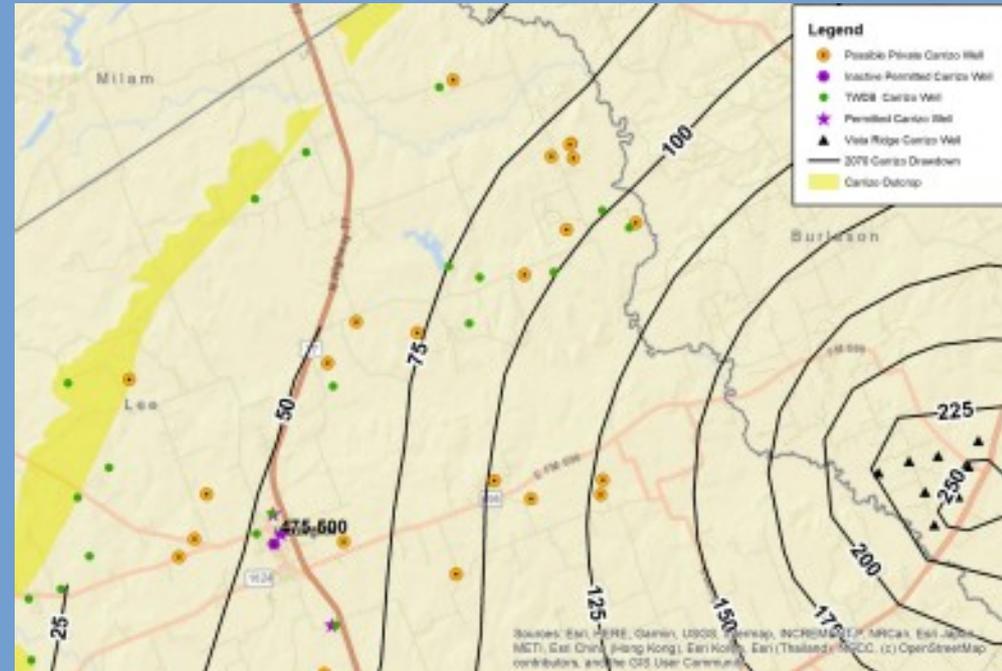
- Narrowly tailored response to large impacts from outside the District
- Prevent further impacts due to District actions



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# Initially Impacted Area



# Management Zone

- Requires District Rule making
- Applies only to non-exempt wells, no impact to exempt well owners
- Once established:
  - authorize total production and make proportional adjustments to permitted withdrawals;
  - allow for the transfer of permits; and
  - undertake effort to manage groundwater in accordance with Management Plan



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# Management Zone

- No new non-exempt operating permits for the Carrizo formation in the LCCMZ will be issued without first amending the District Rules
- Annually review prevailing groundwater conditions in and around the LCCMZ
- Recommendations from Monitoring Committee regarding continuation or modification of LCCMZ



# Action Requested

- This item is not posted for action
- District staff and consultants will continue to develop language for proposed rule changes
- District staff will meet with existing Carrizo permit holders in the area to collect feedback
- Update Board on progress at July regular meeting



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