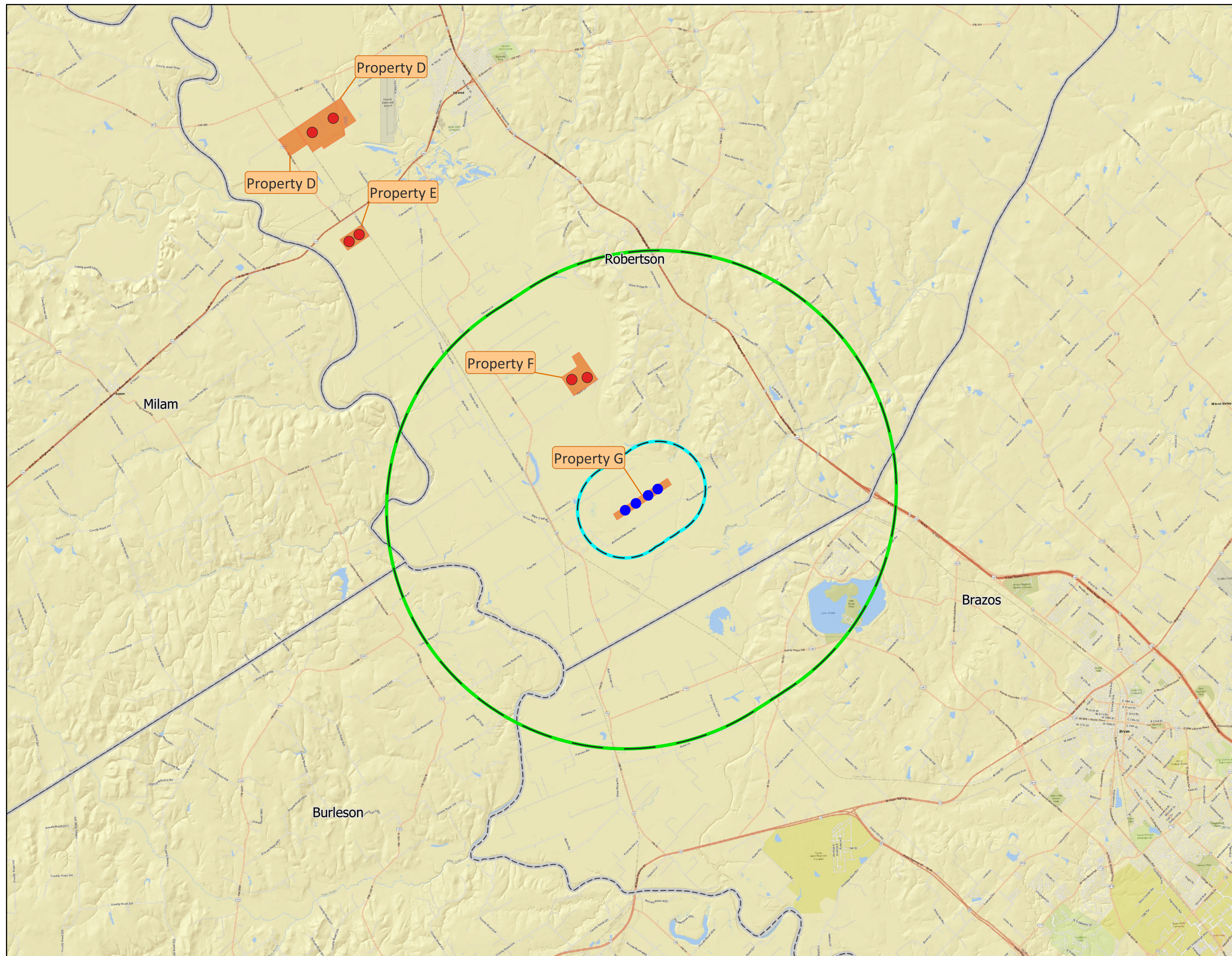


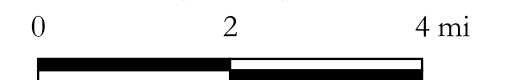


ATTACHMENT 1 –
FIGURES



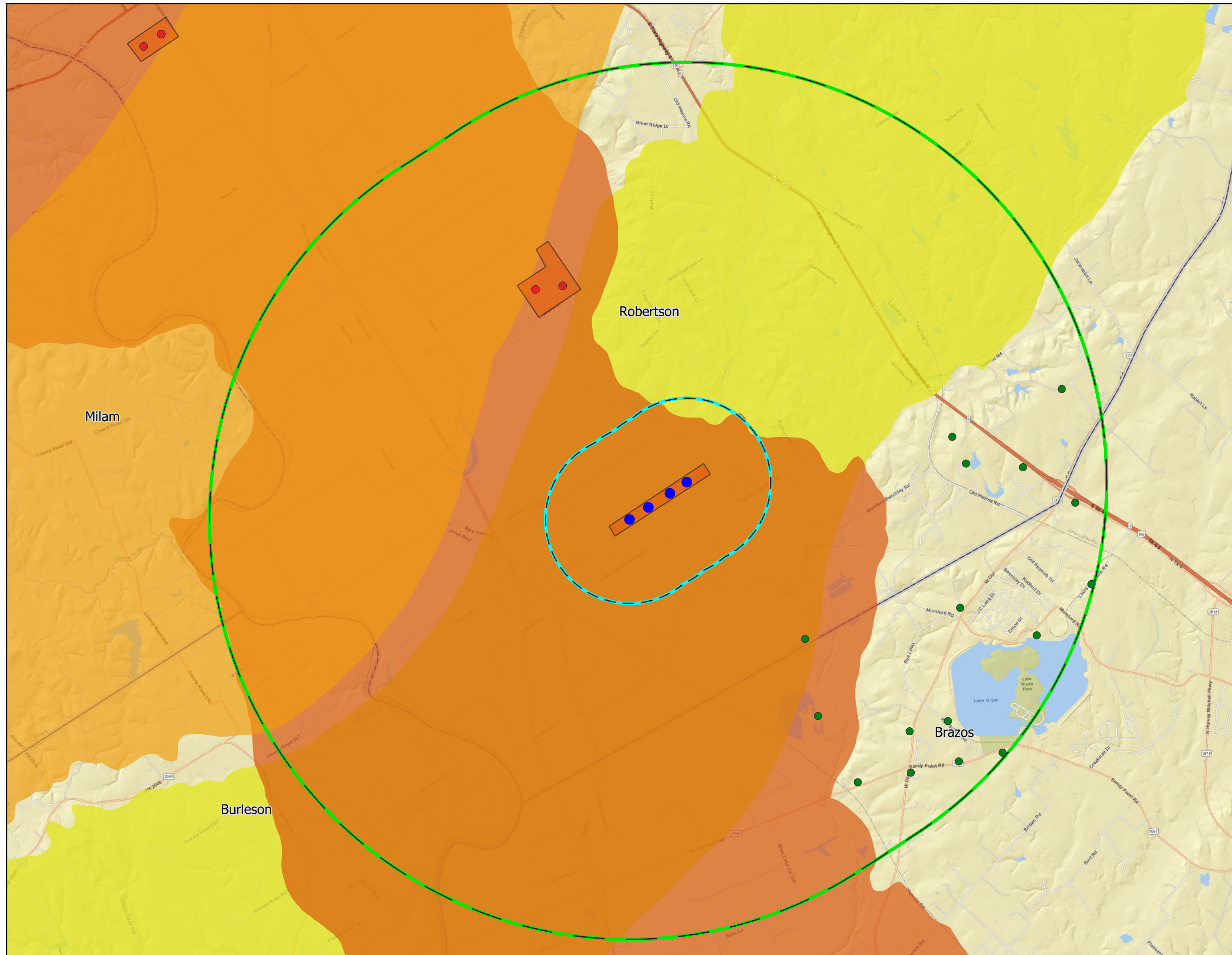
Explanation

- Proposed Well
- Proposed Well in Pending Corpra Permit Application (dated April 27, 2023)
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpra Property Boundary
- Counties



Corpora Farms

Figure 1:
Location Map

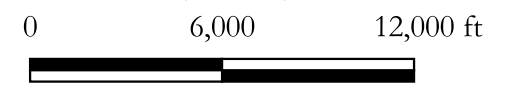
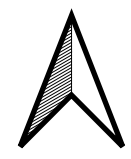


Explanation

- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties

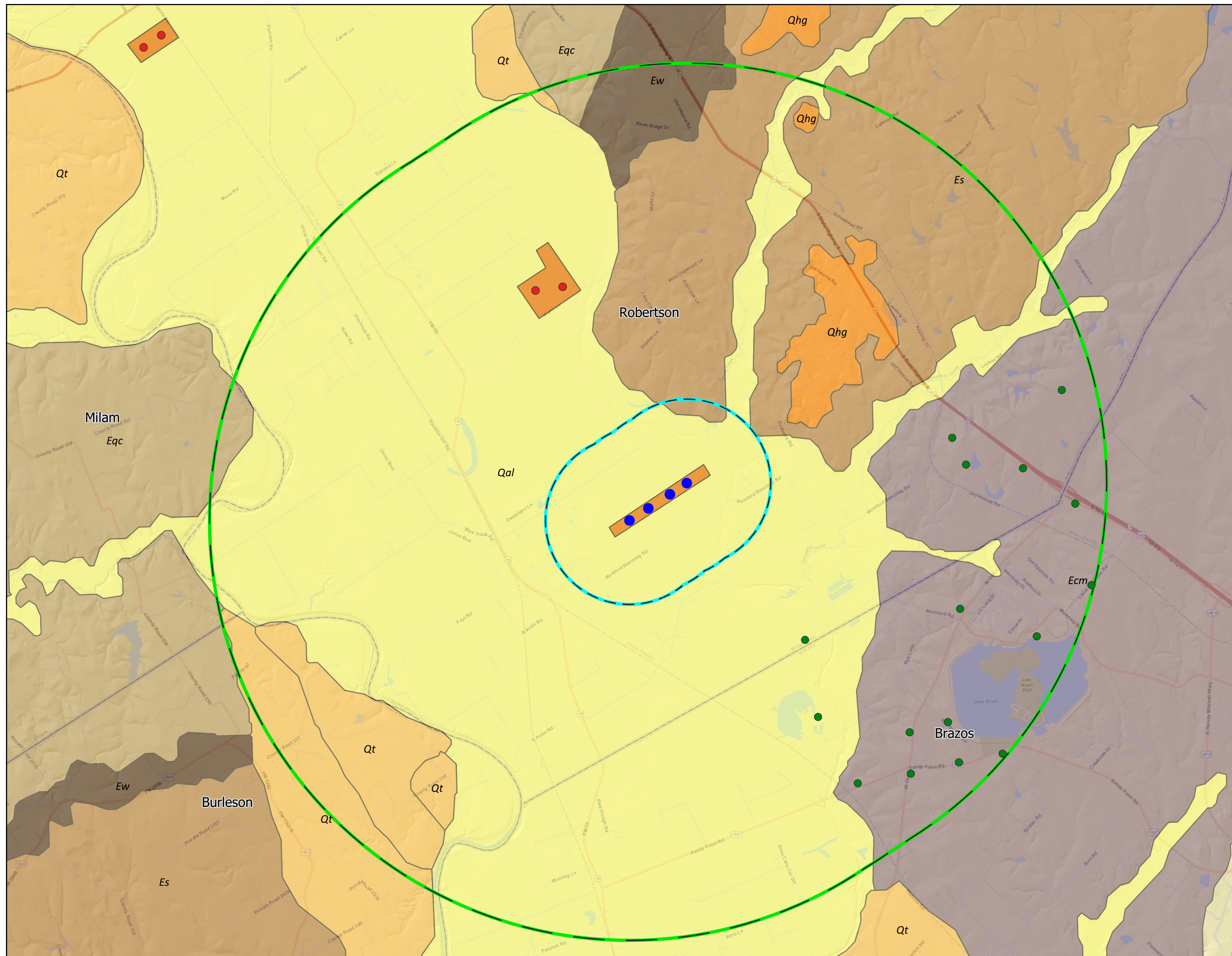
Minor Aquifers

- Brazos River Alluvium
- Queen City (outcrop)
- Sparta (outcrop)



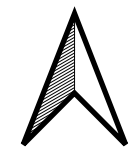
Corpora Farms

Figure 2:
Aquifer Outcrop



Explanation

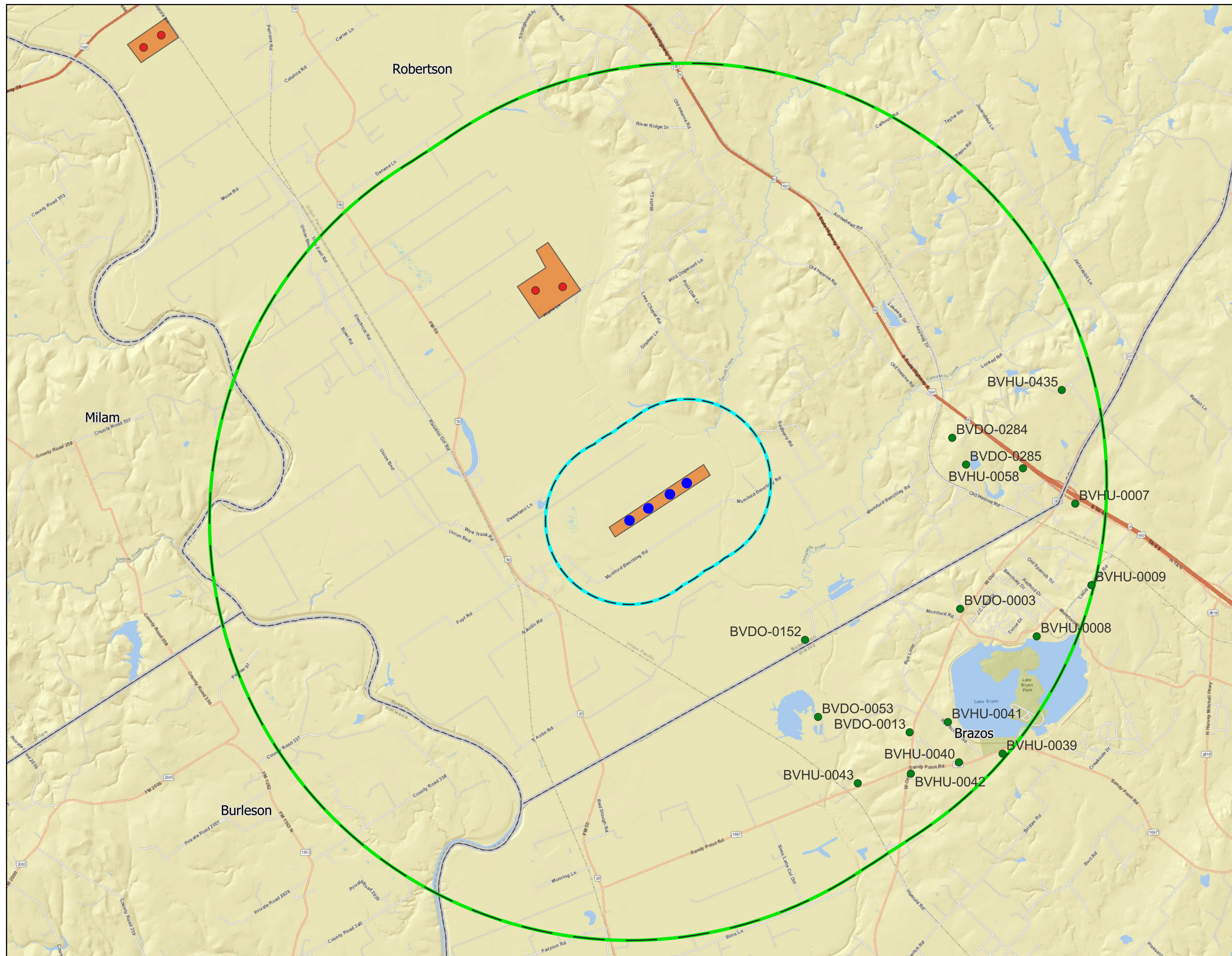
- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties
- Surface Geology**
- Qal - Alluvium
- Qt - Fluvial terrace deposits
- Qhg - High gravel deposits
- Ecm - Cook Mountain Formation
- Es - Sparta Sand
- Ew - Weches Formation
- Eqc - Queen City Sand



0 6,000 12,000 ft

Corpora Farms

Figure 3:
Surface Geology



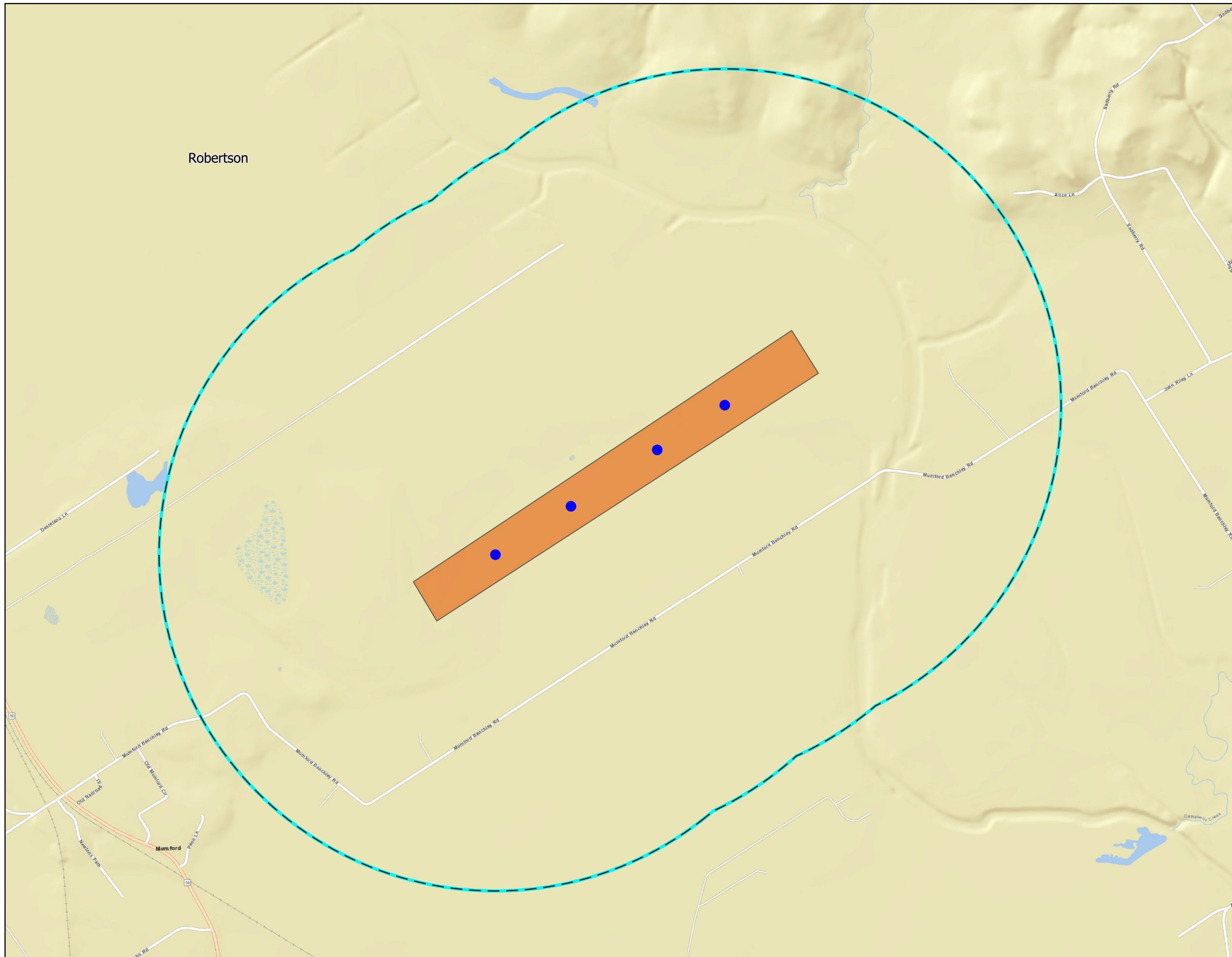
Explanation

- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties



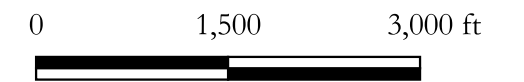
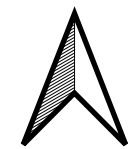
Corpora Farms

Figure 4: Well Locations Within 5 Miles of Proposed Wells



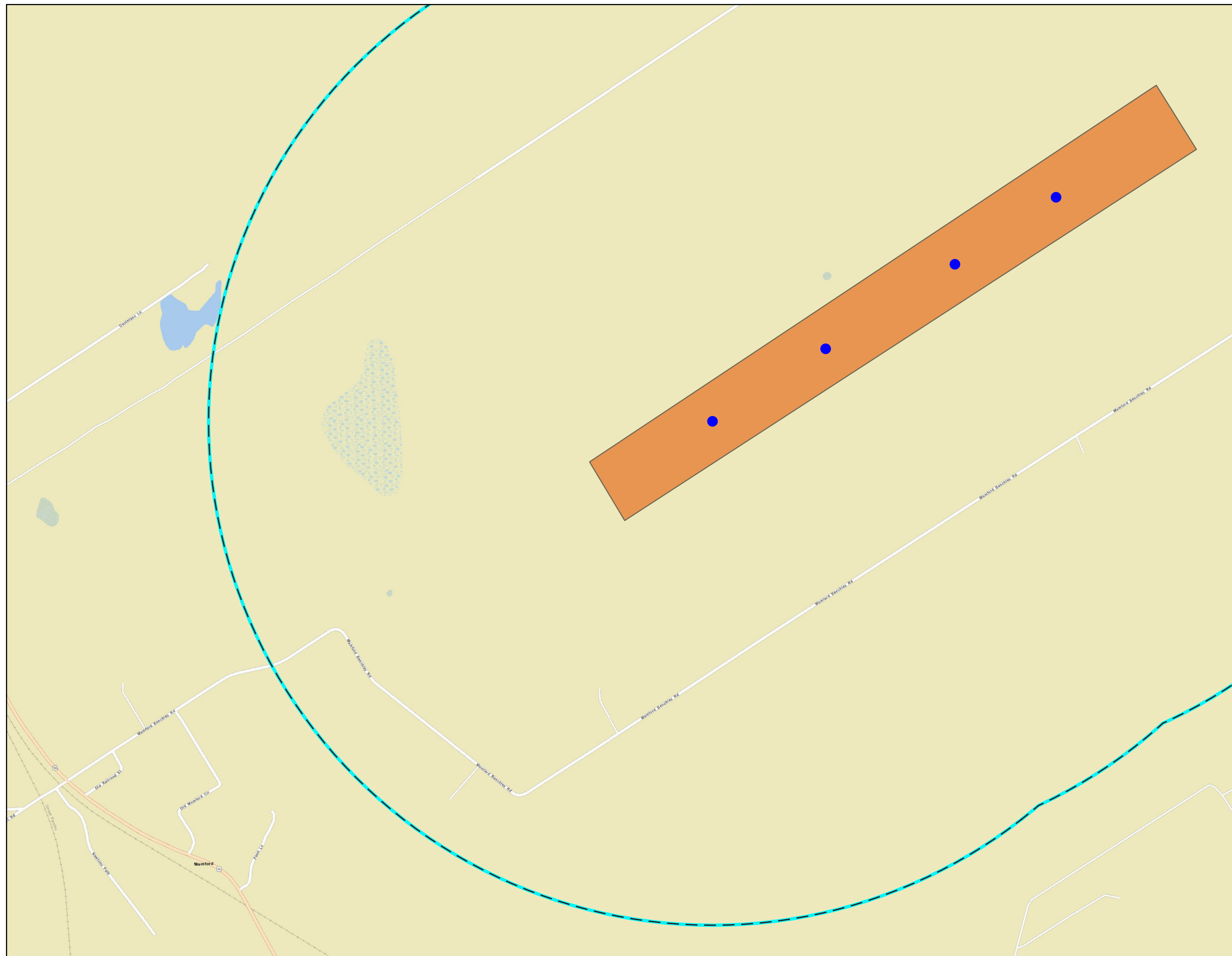
Explanation

- Proposed Well
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties



Corpora Farms

Figure 5: Well Locations Within 1 Mile of Proposed Wells



Explanation

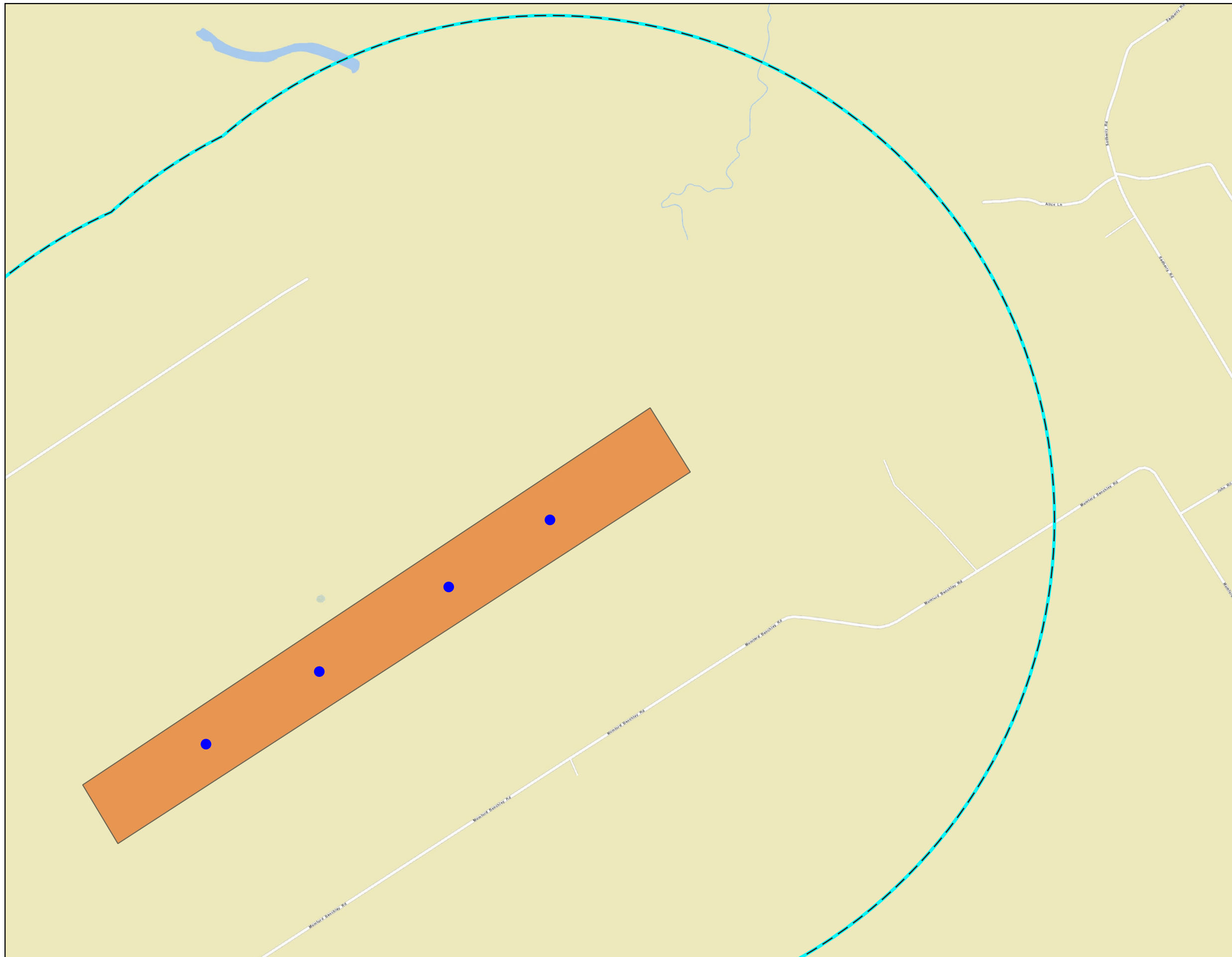
- Proposed Well
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties



0 1,000 2,000 ft

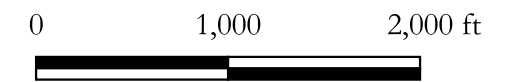
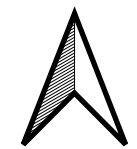
Corpora Farms

Figure 5a: Well Locations Within 1 Mile of Proposed Wells



Explanation

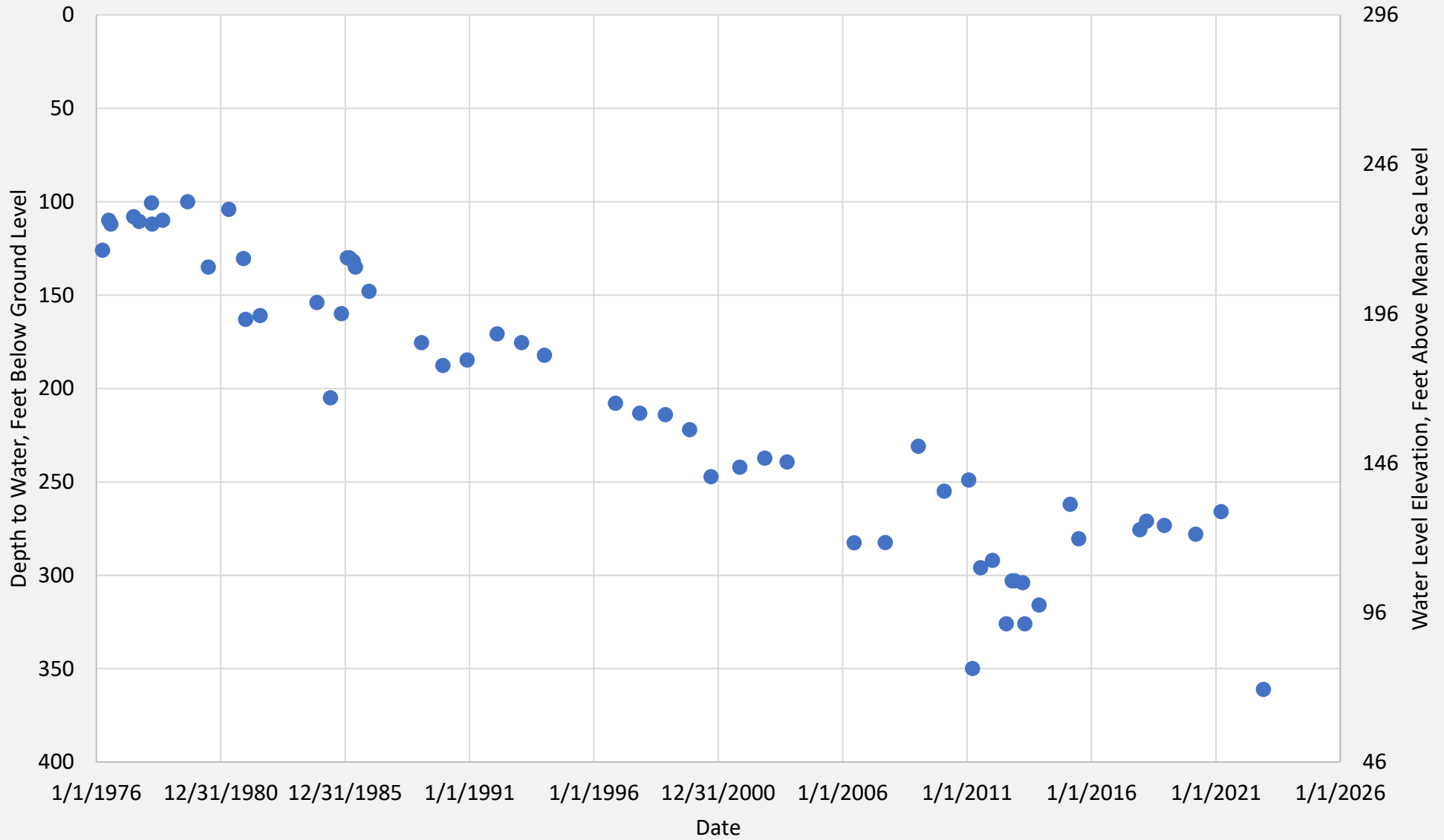
- Proposed Well
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties

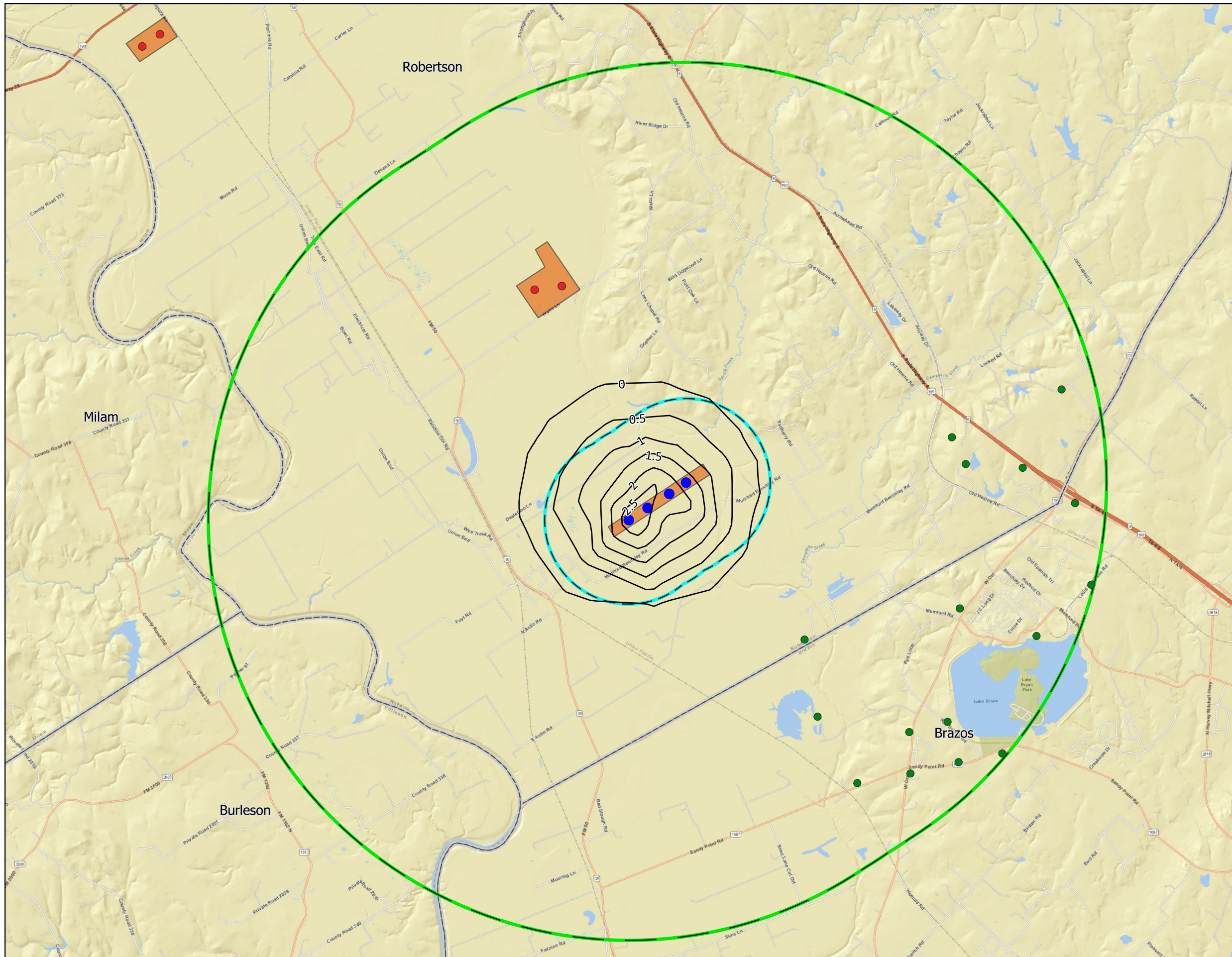


Corpora Farms

Figure 5b: Well Locations Within 1 Mile of Proposed Wells

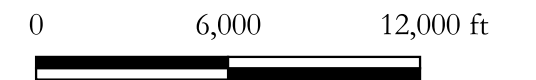
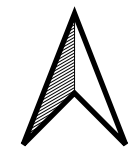
Figure 6 – City of Bryan Well No. 16
Texas Water Development Board Number 59-21-201





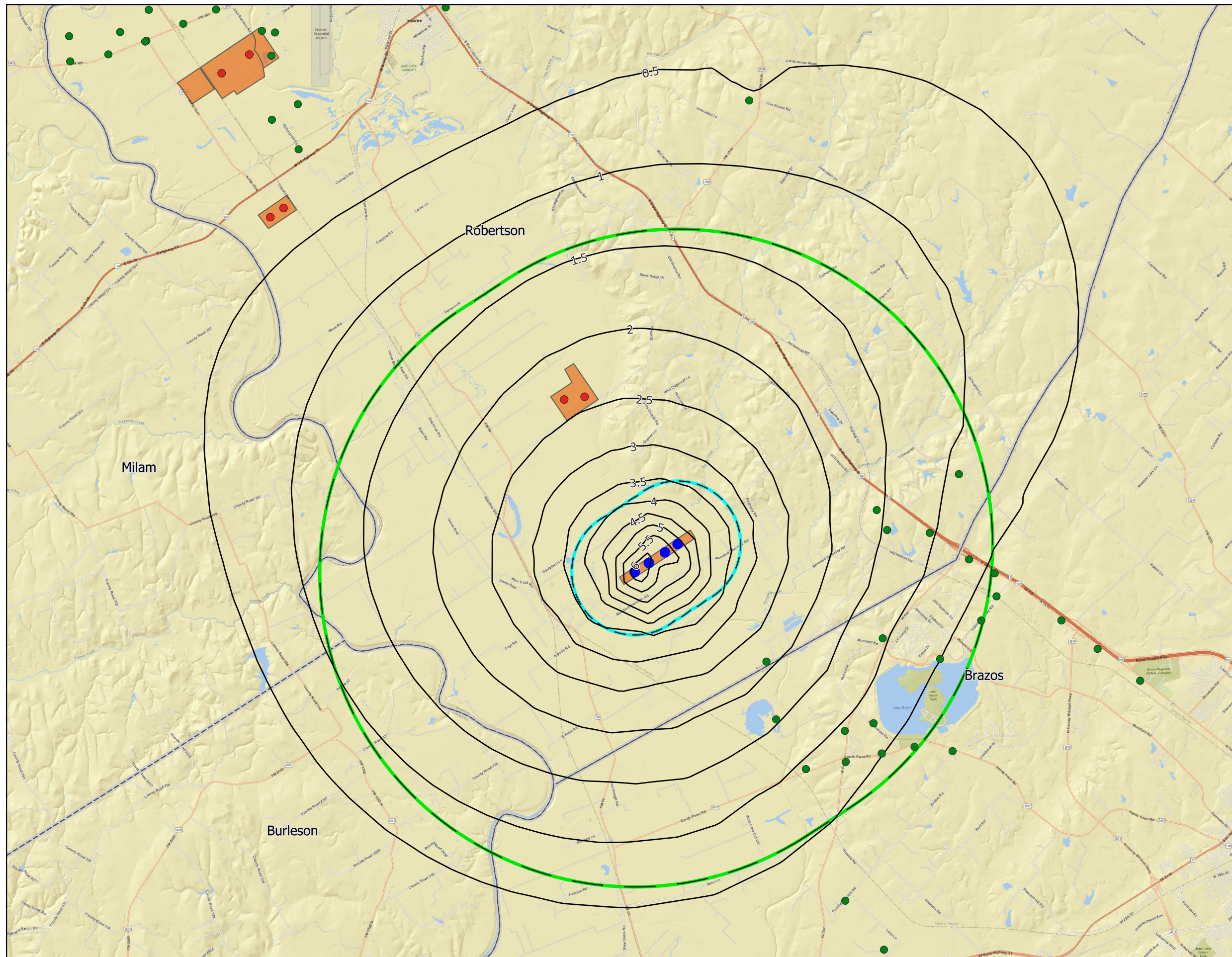
Explanation

- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- 1-Year Modeled Drawdown - GAM Contour Interval = 0.5 feet
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties



Corpora Farms

Figure 7: 1-Year GAM Drawdown Contours



Explanation

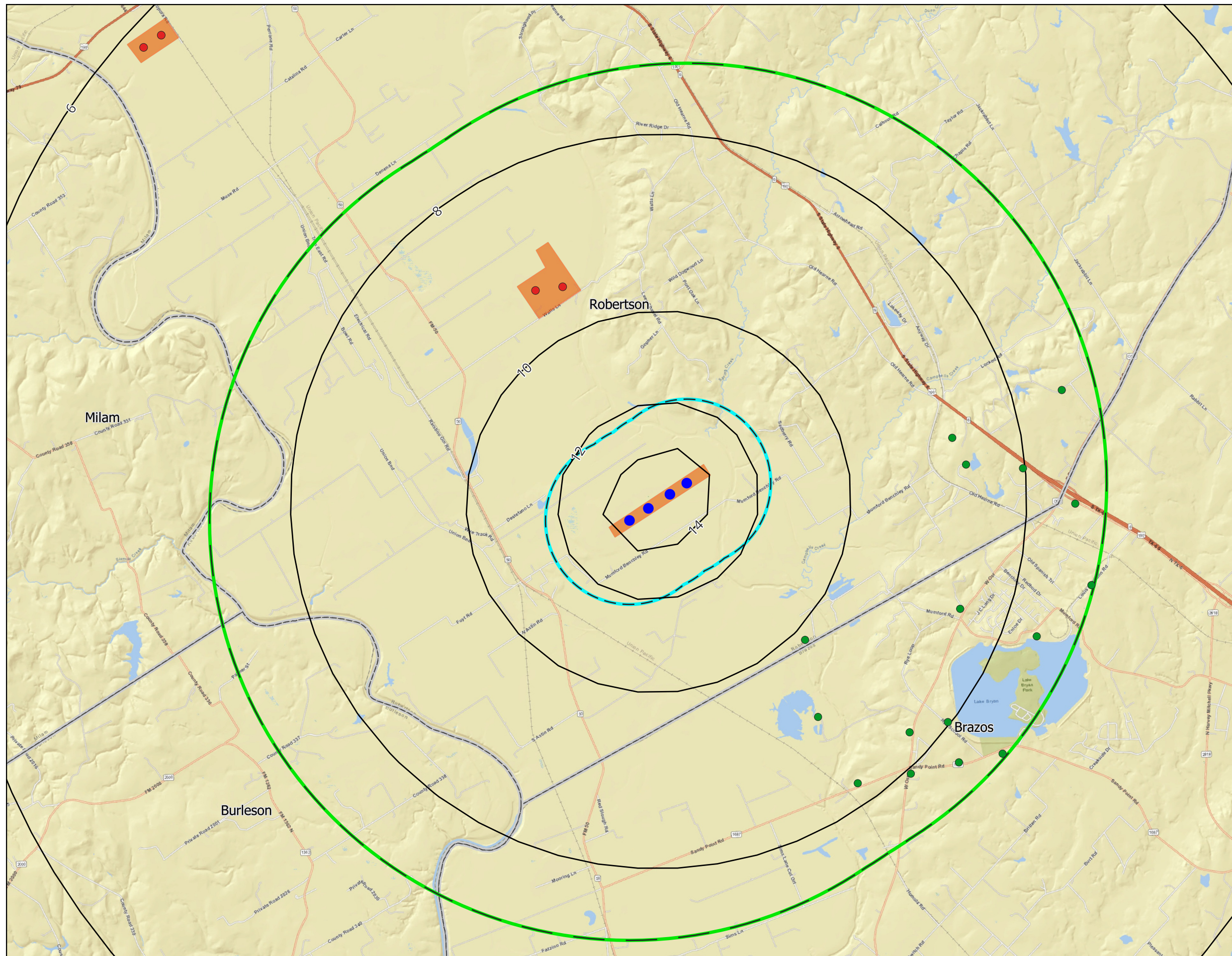
- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 10-Year Modeled Drawdown Contour Interval 0.5 feet
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties



0 8,000 16,000 ft

Corpora Farms

Figure 8: 10-Year GAM Drawdown Contours



Explanation

- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- 1-Year Modeled Drawdown-Analytical Contour Interval = 2 feet
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties

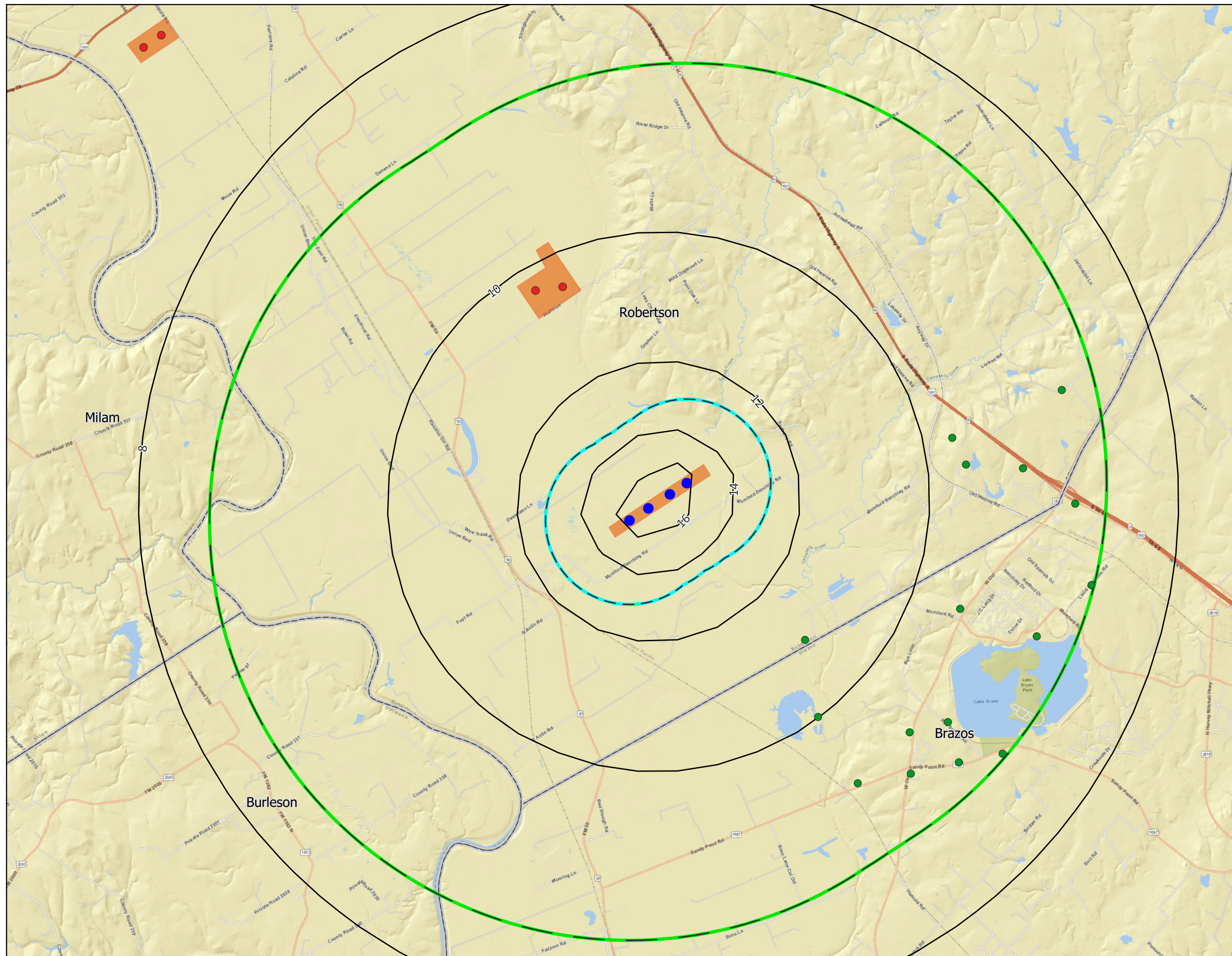
Analytical model was used to simulate drawdown using the Theis equation. Parameters: Transmissivity = 90,000 gpd/ft, Storage = 0.0001, Time = 1 year.



0 6,000 12,000 ft

Corpora Farms

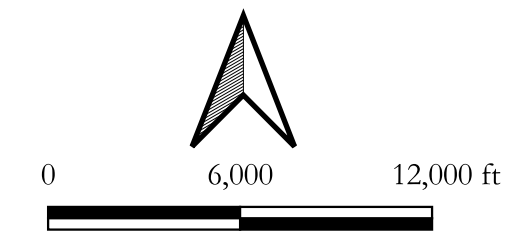
Figure 9:
1-Year Analytical Drawdown



Explanation

- Proposed Well
- Proposed Well in Pending Corpora Farms Permit Application (dated April 27, 2023)
- 10-Year Modeled Drawdown-Analytical Contour Interval = 2 feet
- BVGCD Reported Well Completed in the Simsboro and W/in 5 Miles
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Corpora Property Boundary
- Counties

Analytical model was used to simulate drawdown using the Theis equation. Parameters: Transmissivity = 90,000 gpd/ft, Storage = 0.0005, Time = 10 year.



Corpora Farms

Figure 10:
10-Year Analytical Drawdown