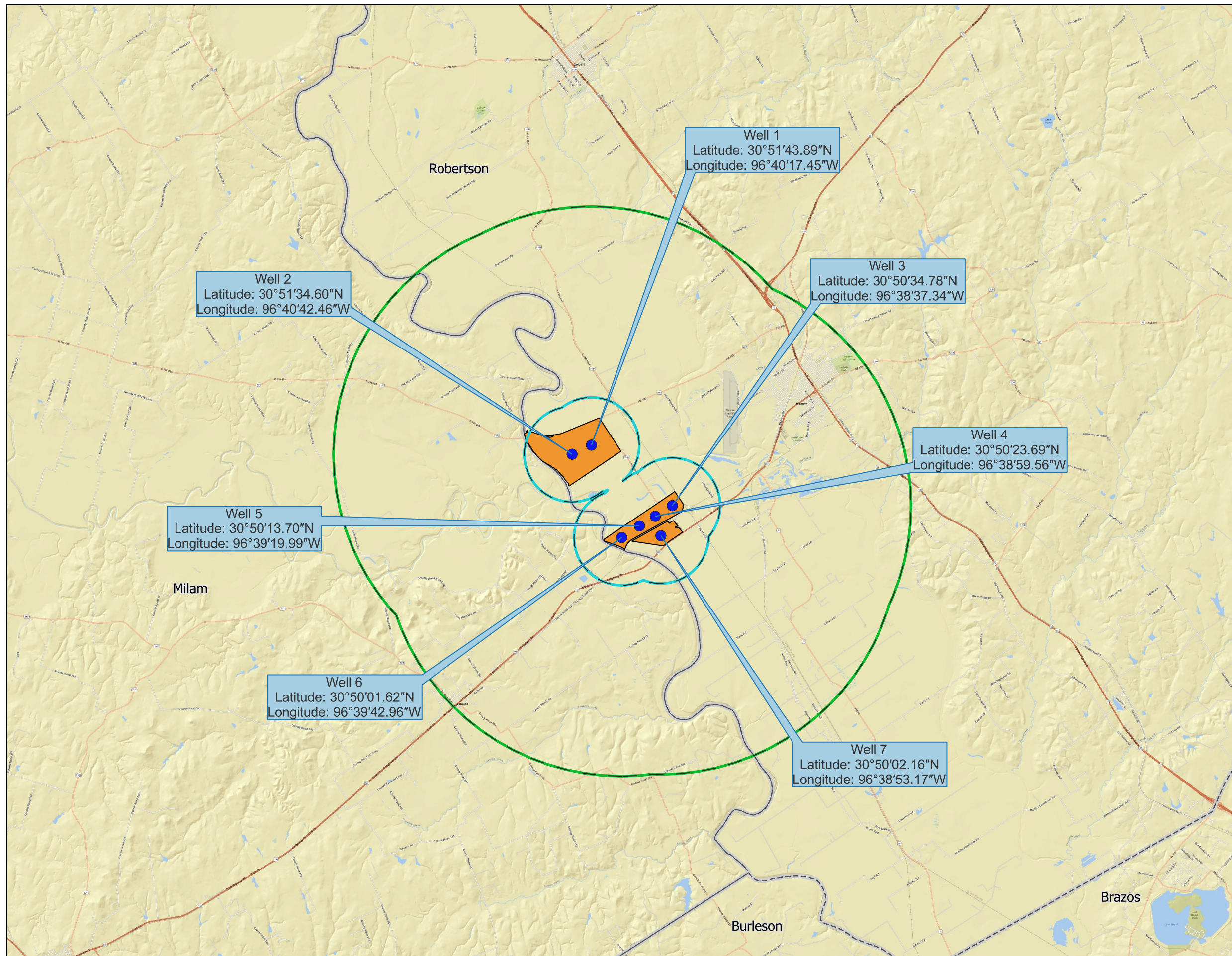


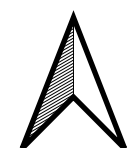


ATTACHMENT 1 –  
FIGURES



**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Cula D'Brazos Property
- Counties



**Cula D'Brazos, LLC.**

Figure 1:  
Location Map

Well 1  
Latitude: 30°51'43.89"N  
Longitude: 96°40'17.45"W

Well 2  
Latitude: 30°51'34.60"N  
Longitude: 96°40'42.46"W

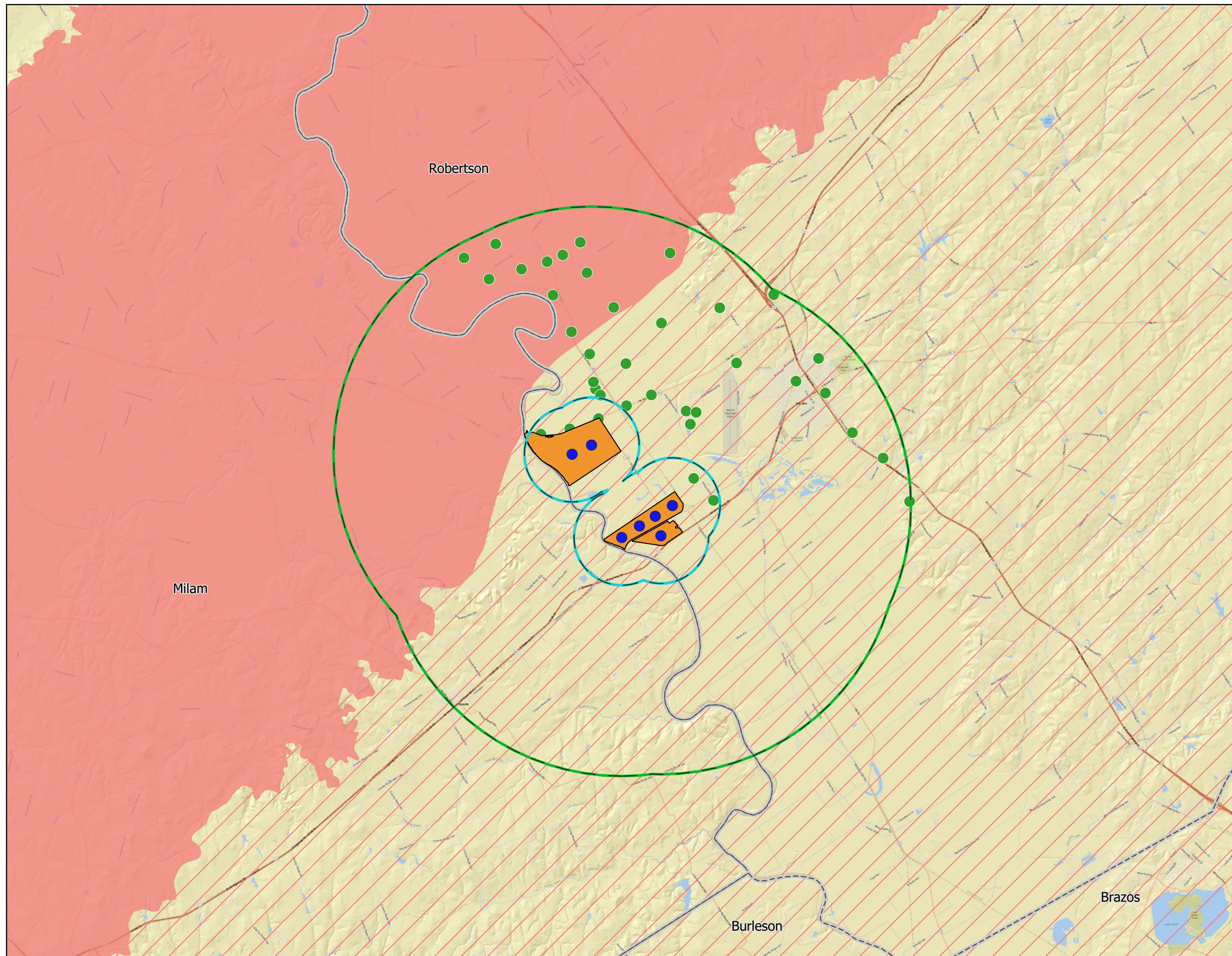
Well 3  
Latitude: 30°50'34.78"N  
Longitude: 96°38'37.34"W

Well 4  
Latitude: 30°50'23.69"N  
Longitude: 96°38'59.56"W

Well 5  
Latitude: 30°50'13.70"N  
Longitude: 96°39'19.99"W

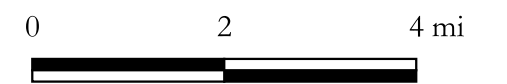
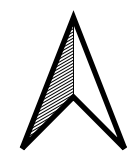
Well 6  
Latitude: 30°50'01.62"N  
Longitude: 96°39'42.96"W

Well 7  
Latitude: 30°50'02.16"N  
Longitude: 96°38'53.17"W



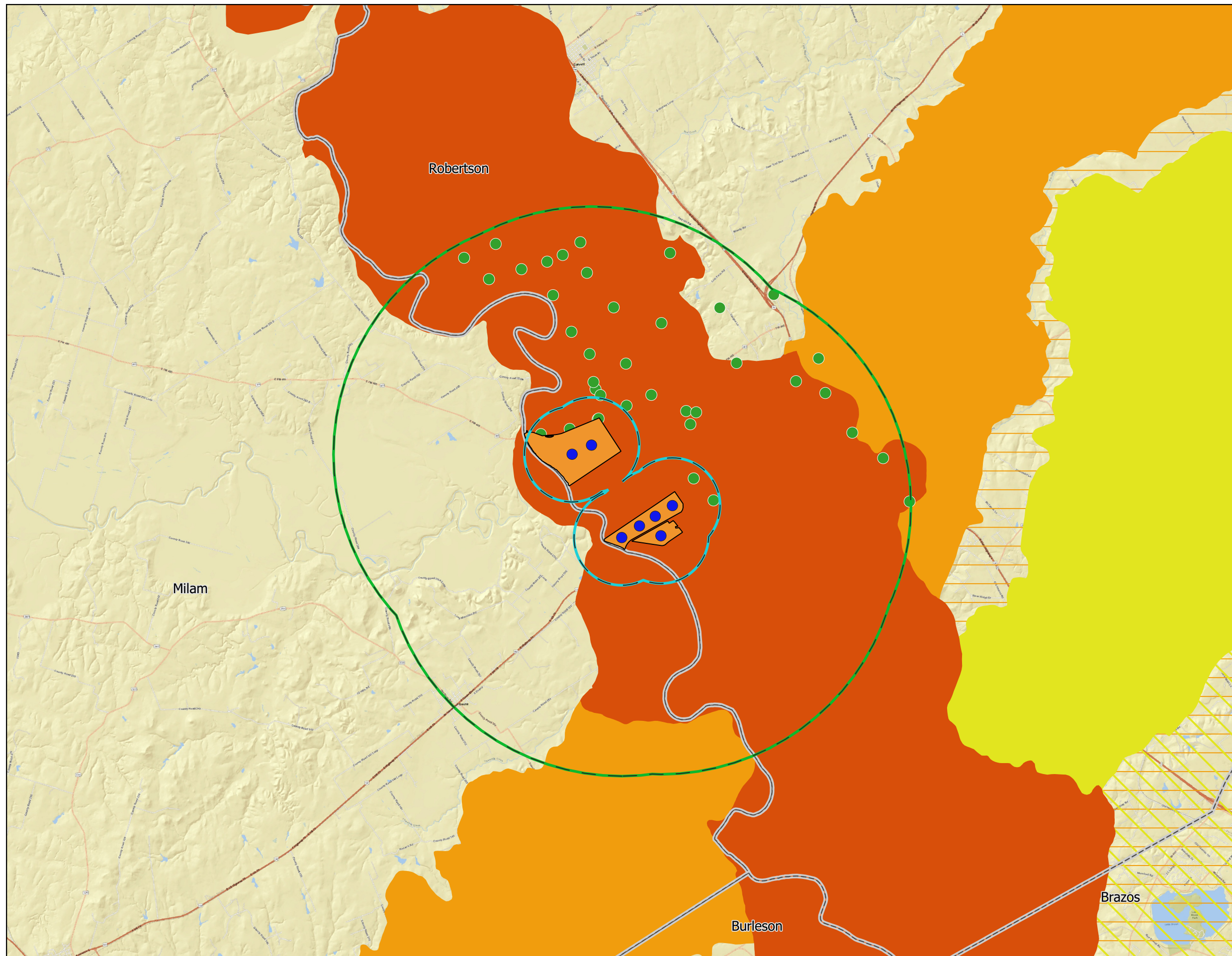
**Explanation**

- Proposed Wells
  - 1 Mile Radius from Well Locations
  - 5 Mile Radius from Well Locations
  - Cula D'Brazos Property
  - ▭ Counties
- Major Aquifers**
- Carrizo - Wilcox (outcrop)
  - ▨ Carrizo - Wilcox (subcrop)
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro



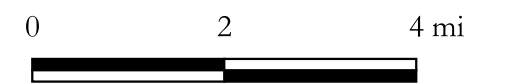
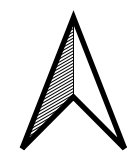
**Cula D'Brazos, LLC.**

Figure 2:  
Major Aquifers



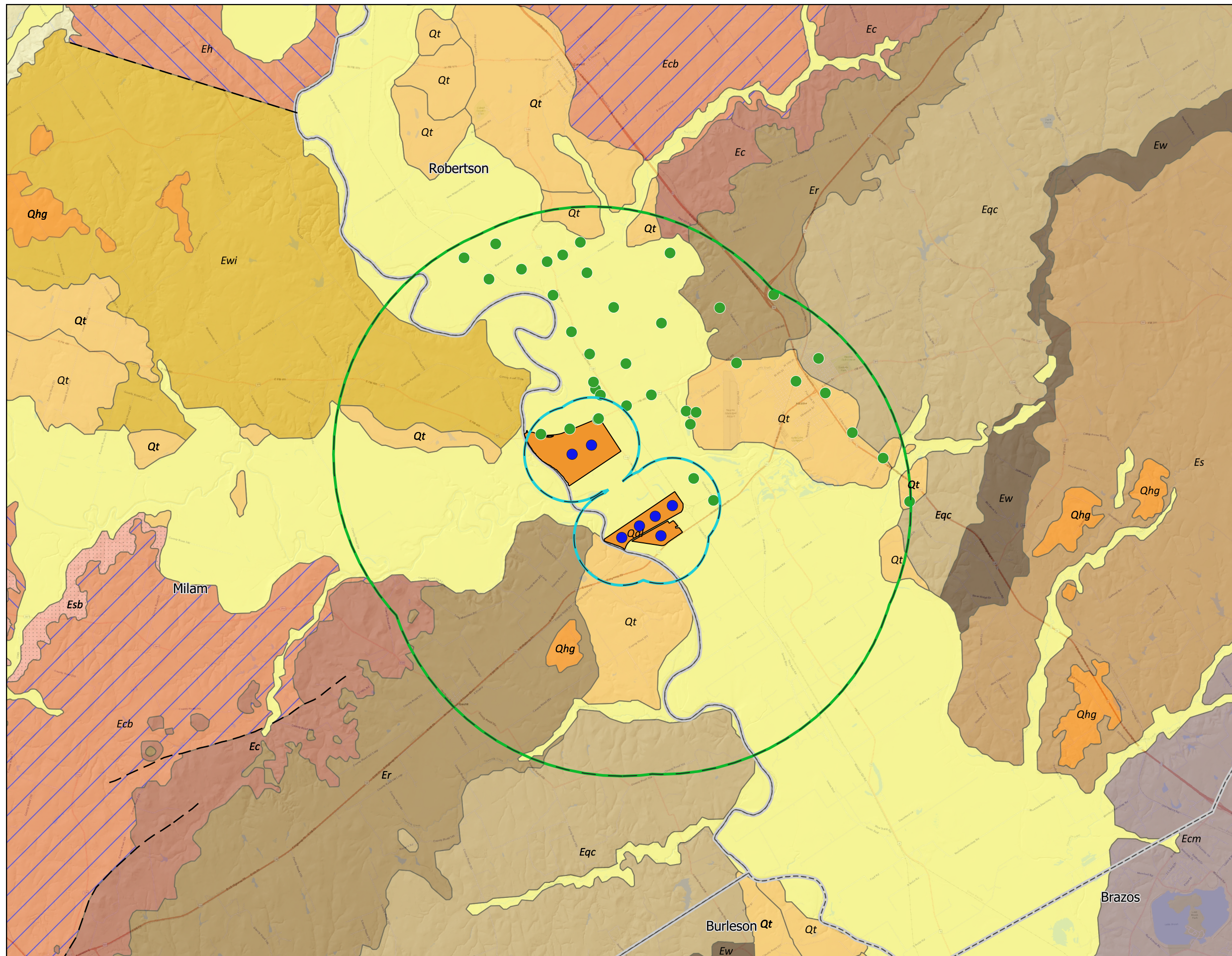
**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Cula D'Brazos Property
- ▭ Counties
- Minor Aquifers**
- Brazos River Alluvium
- Queen City (outcrop)
- Queen City (subcrop)
- Sparta (outcrop)
- Sparta (subcrop)
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro



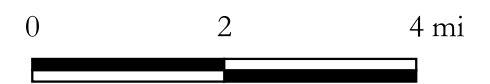
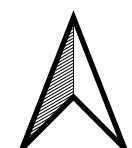
**Cula D'Brazos, LLC.**

Figure 3:  
Minor Aquifers



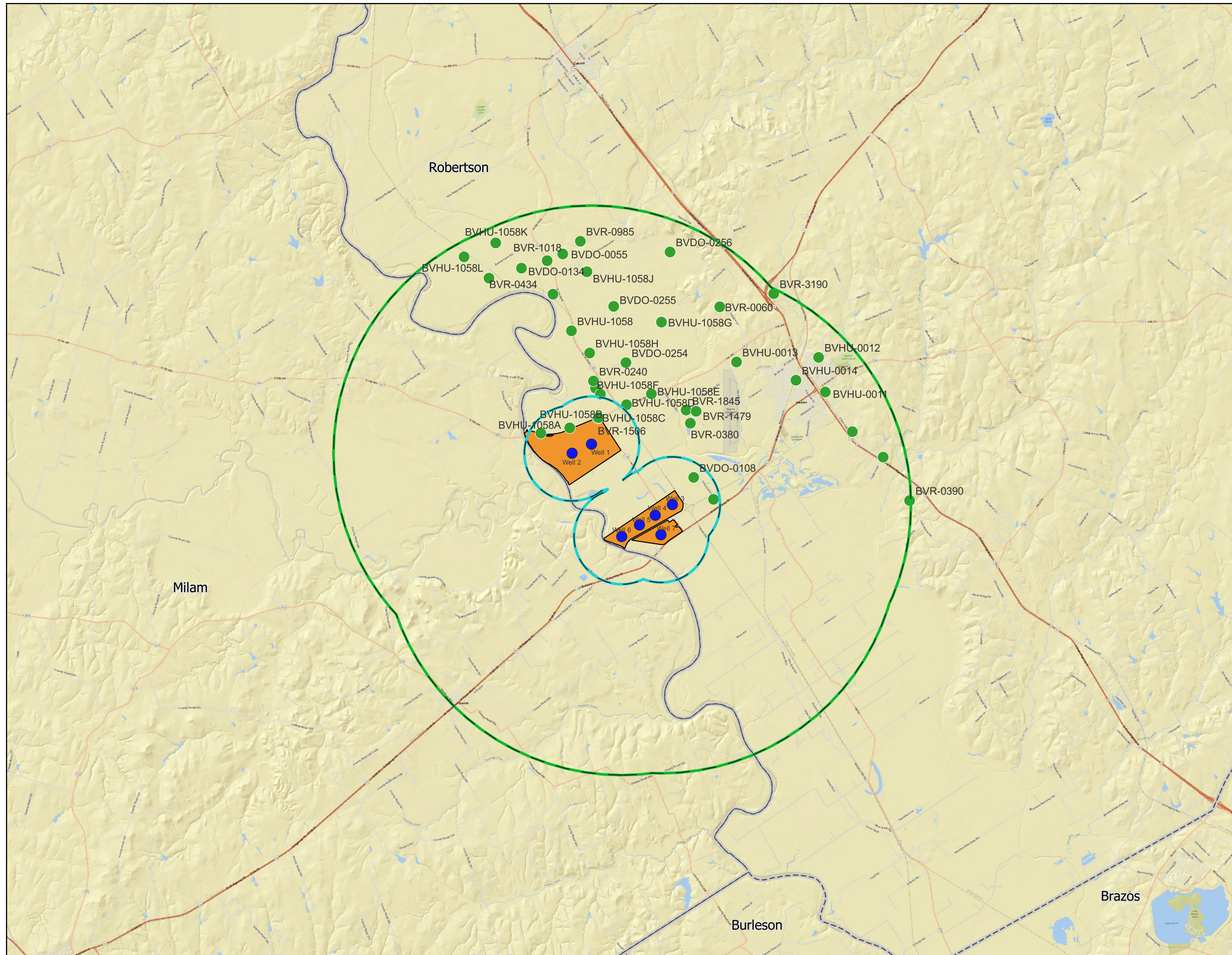
**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Cula D'Brazos Property
- Fault
- 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
- Er - Reklaw Formation
- Ec - Carrizo Sand
- Ewi - Wilcox Group
- Ecb - Calvert Bluff Formation
- Esb - Simsboro Formation
- Eh - Hooper Formation
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro



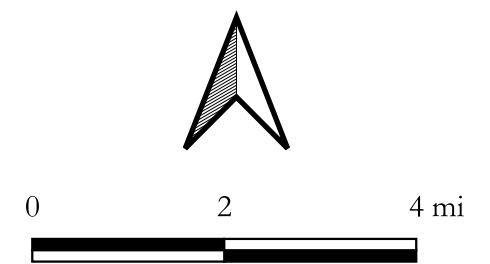
**Cula D'Brazos, LLC.**

Figure 4:  
Surface Geology



**Explanation**

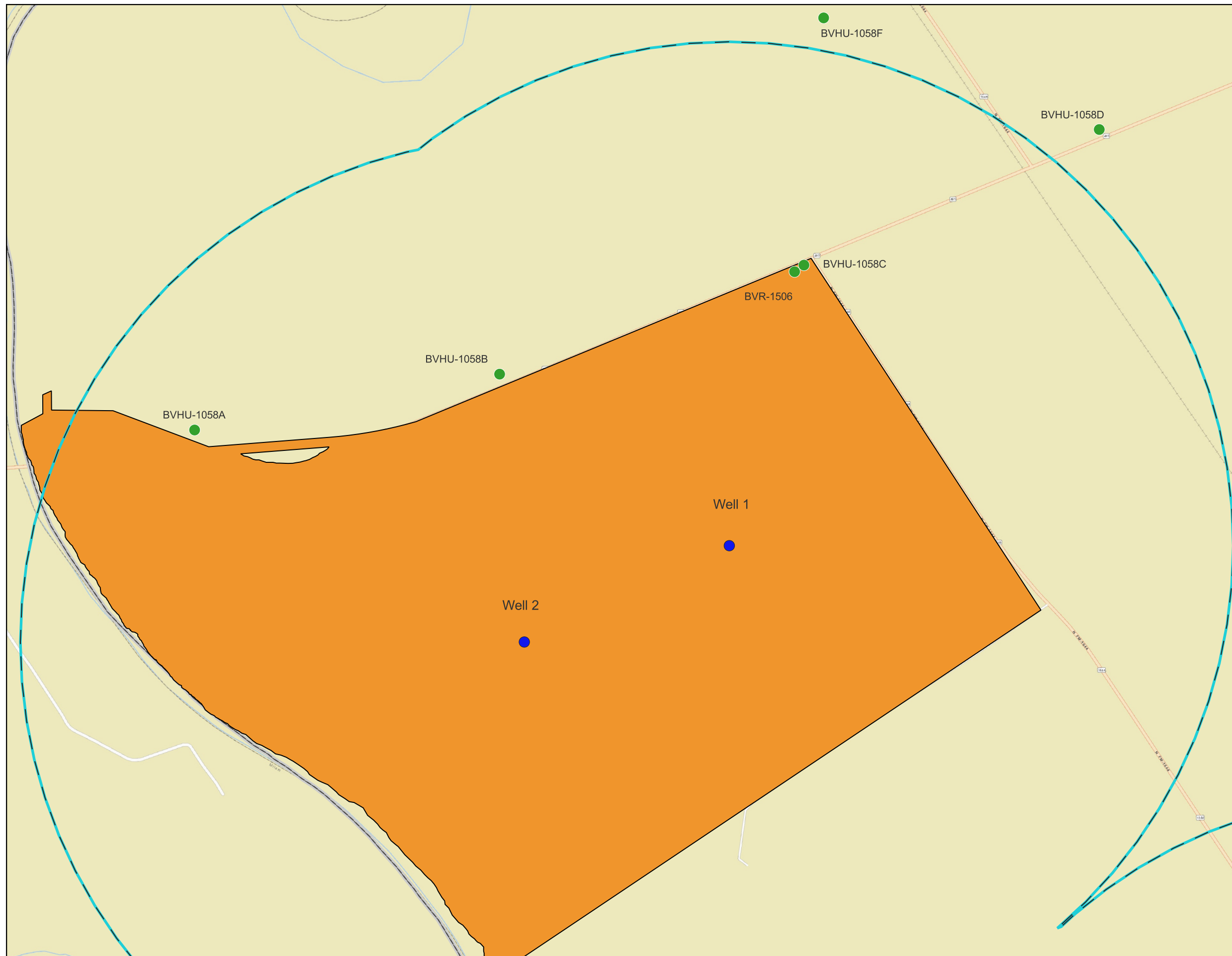
- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- Cula D'Brazos Property
- Counties
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro



**Cula D'Brazos, LLC.**

Figure 5: Well Locations w/in 5 Miles of Proposed Wells





**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- Cula D'Brazos Property
- Counties
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro



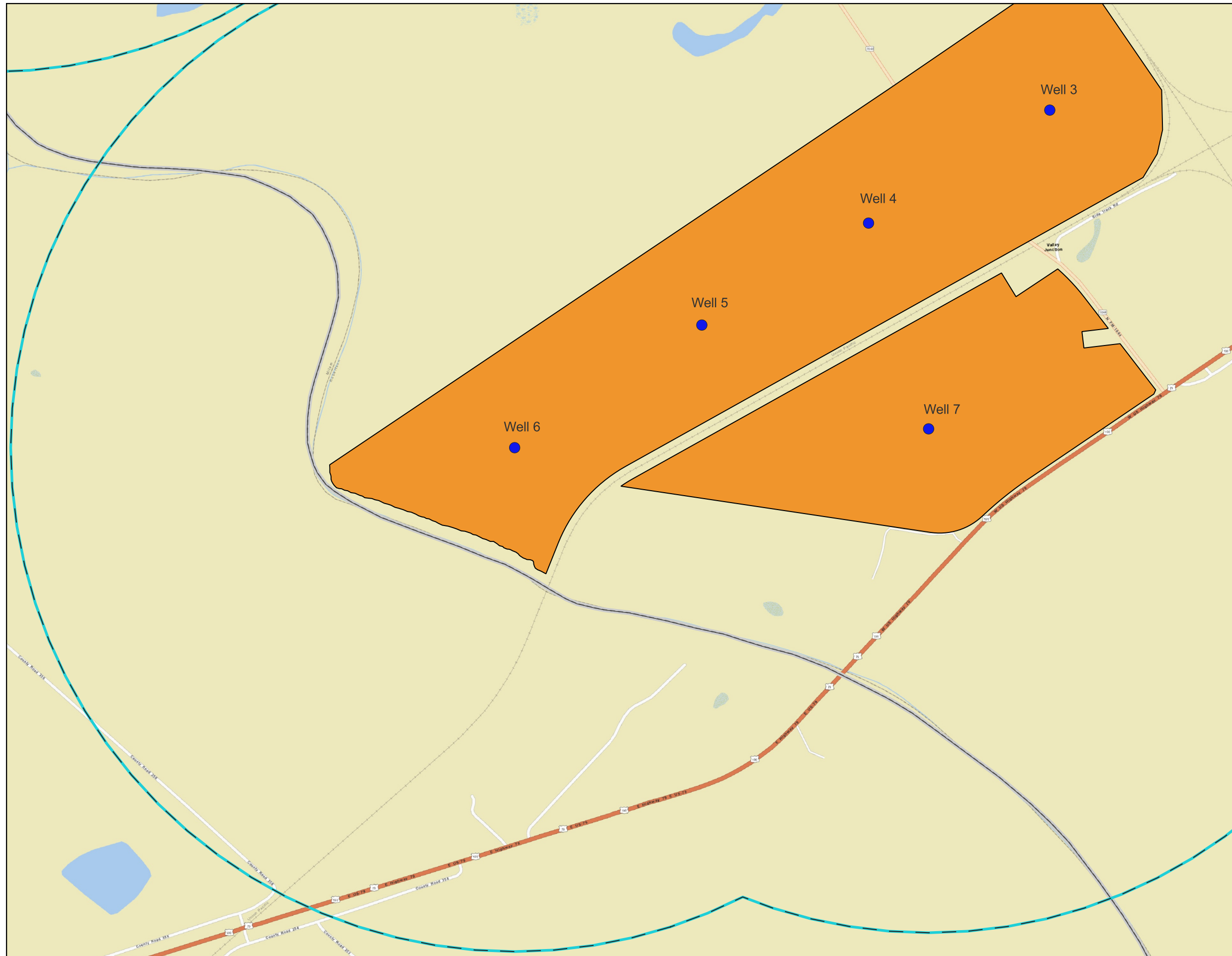
0 1,000 2,000 ft

**Cula D'Brazos, LLC.**

Figure 6a: Well Locations w/in 1 Mile of Proposed Wells

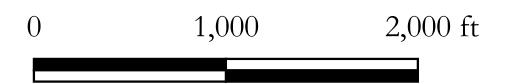
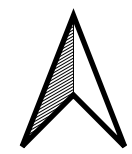






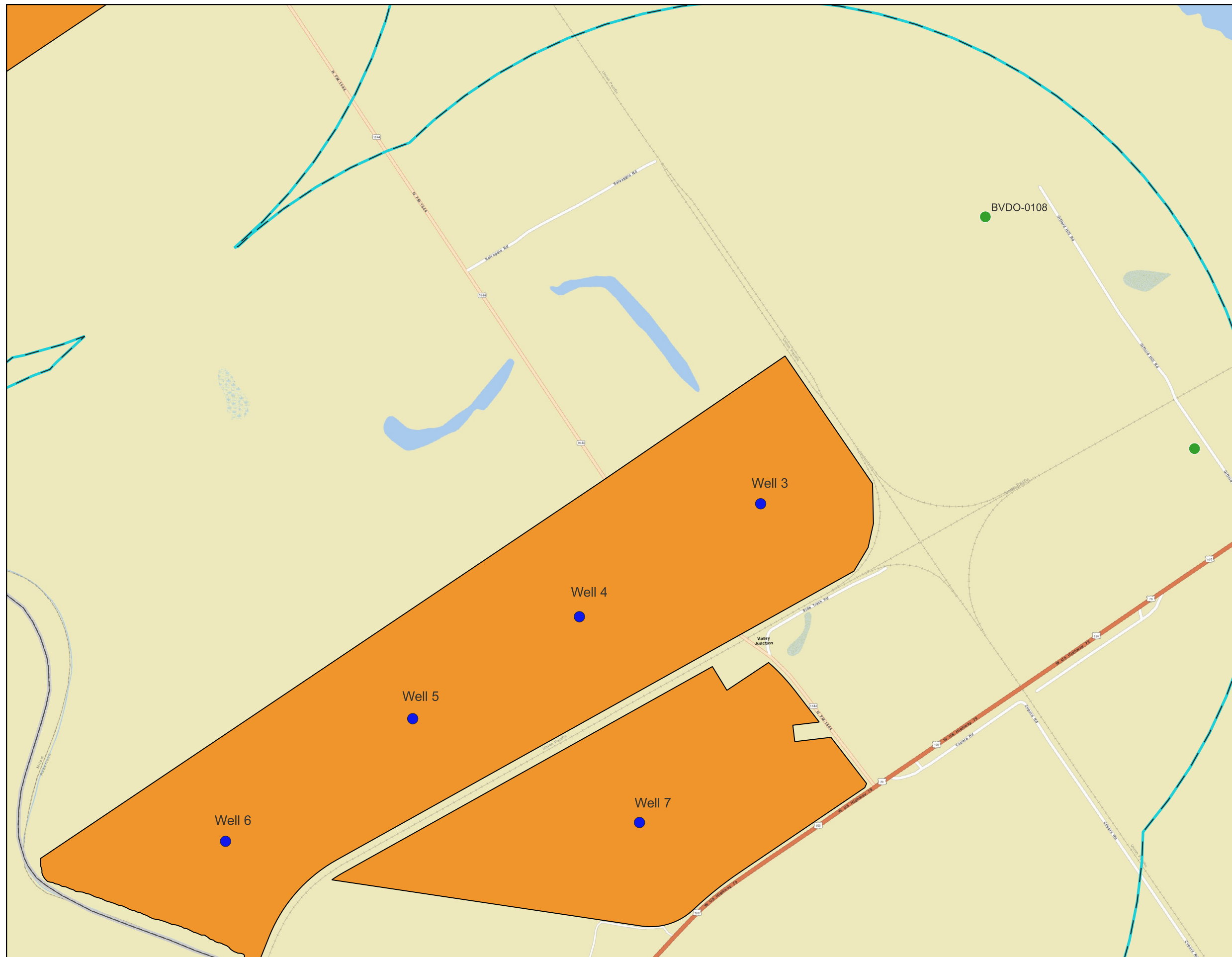
**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- Cula D'Brazos Property
- Counties



**Cula D'Brazos, LLC.**

Figure 6b: Well Locations w/in 1 Mile of Proposed Wells



**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- Cula D'Brazos Property
- ▭ Counties
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro

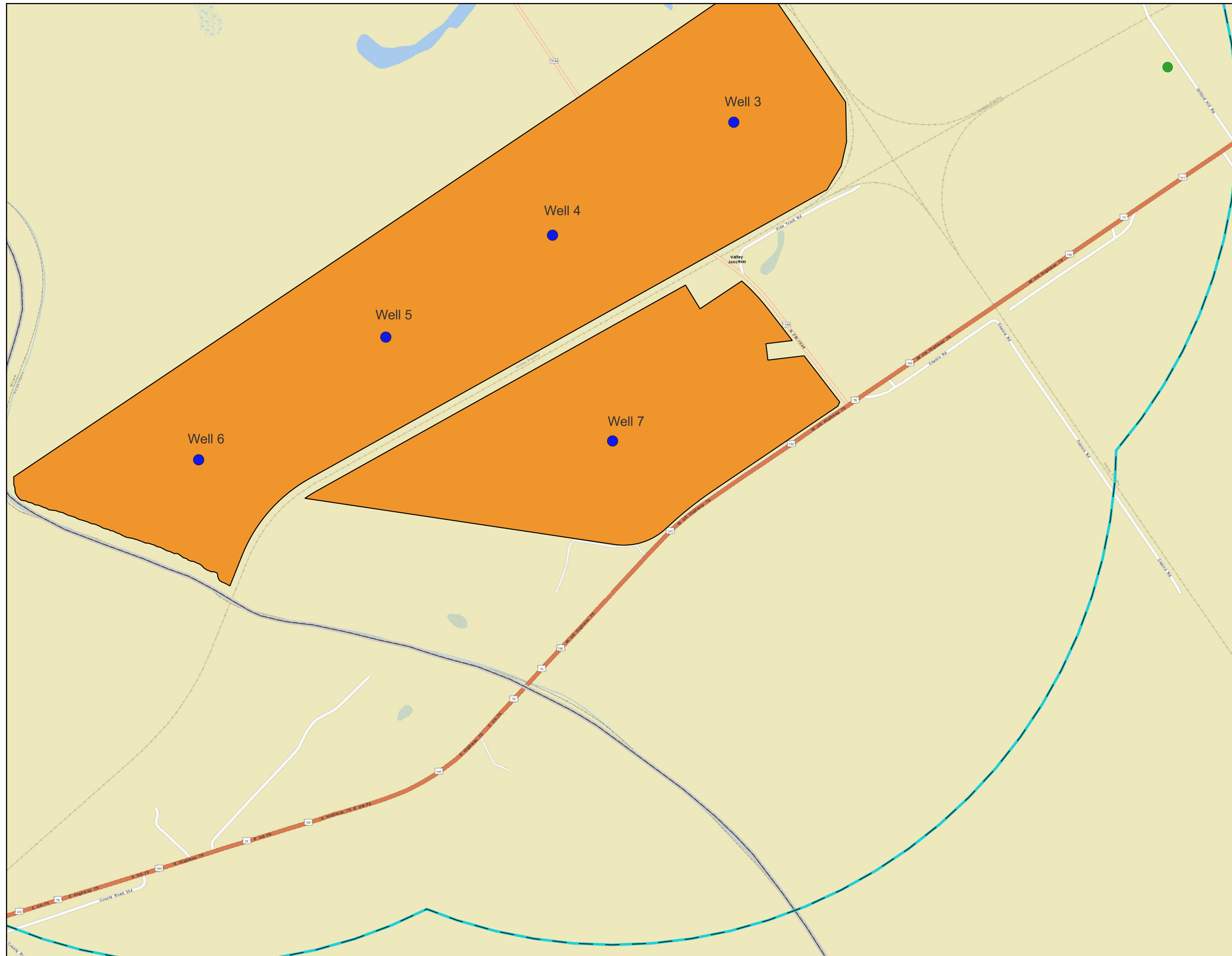


0 1,000 2,000 ft

**Cula D'Brazos, LLC.**

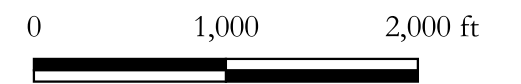
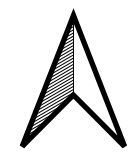
Figure 6c: Well Locations w/in 1 Mile of Proposed Wells





**Explanation**

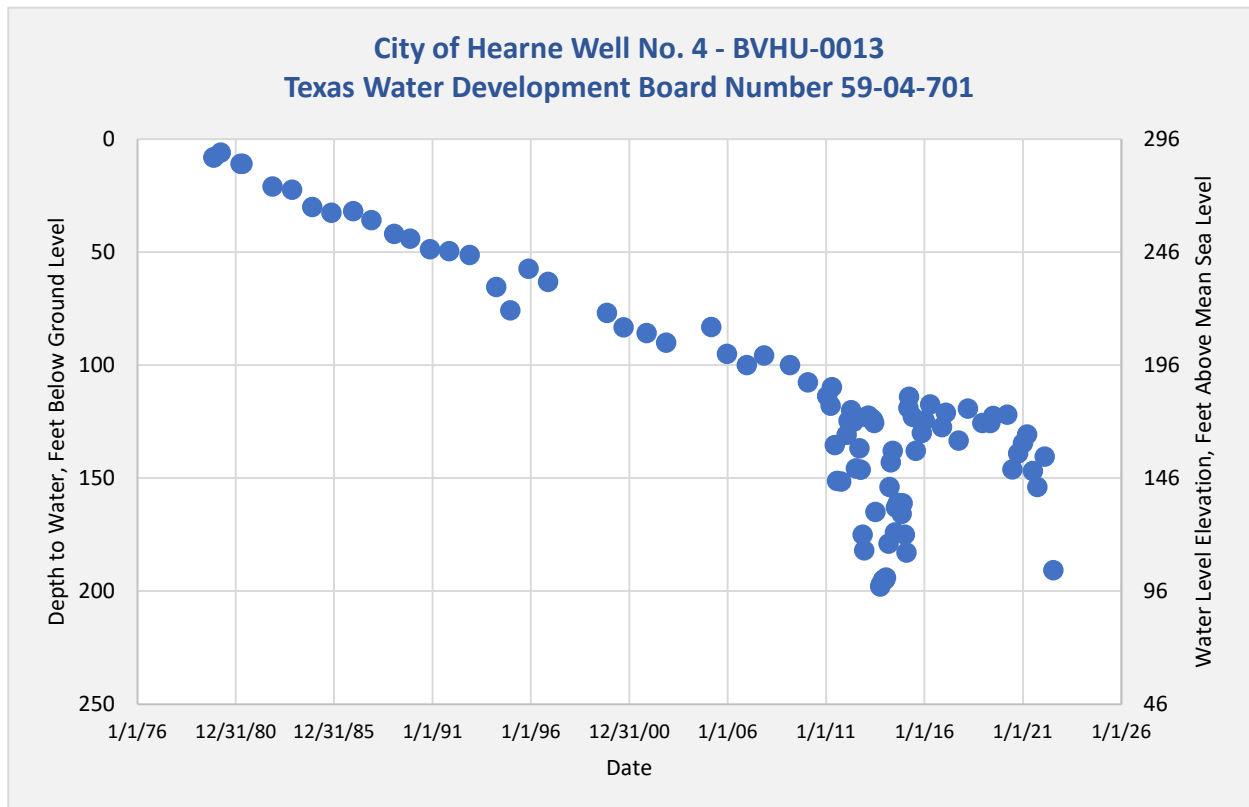
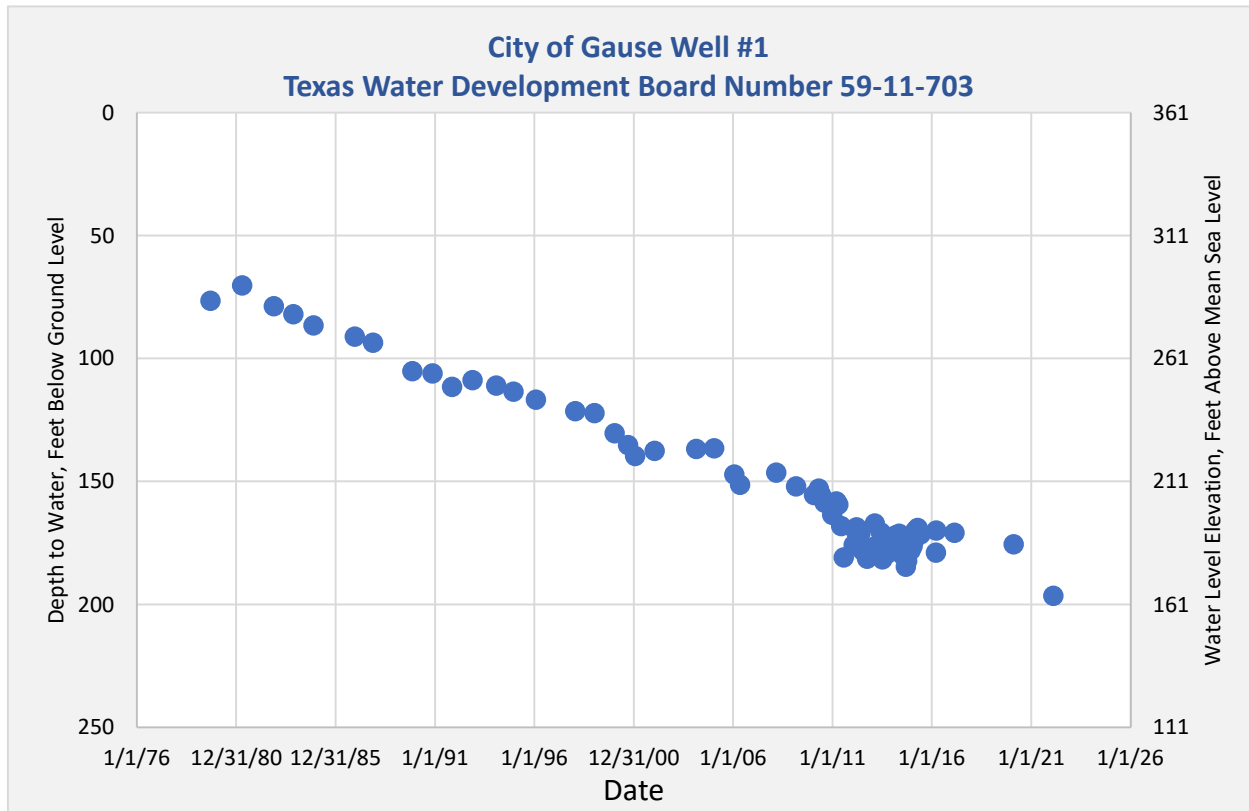
- Proposed Wells
- 1 Mile Radius from Well Locations
- Cula D'Brazos Property
- - - Counties
- BVGCD Reported Wells w/in 5 Miles**
- Simsboro

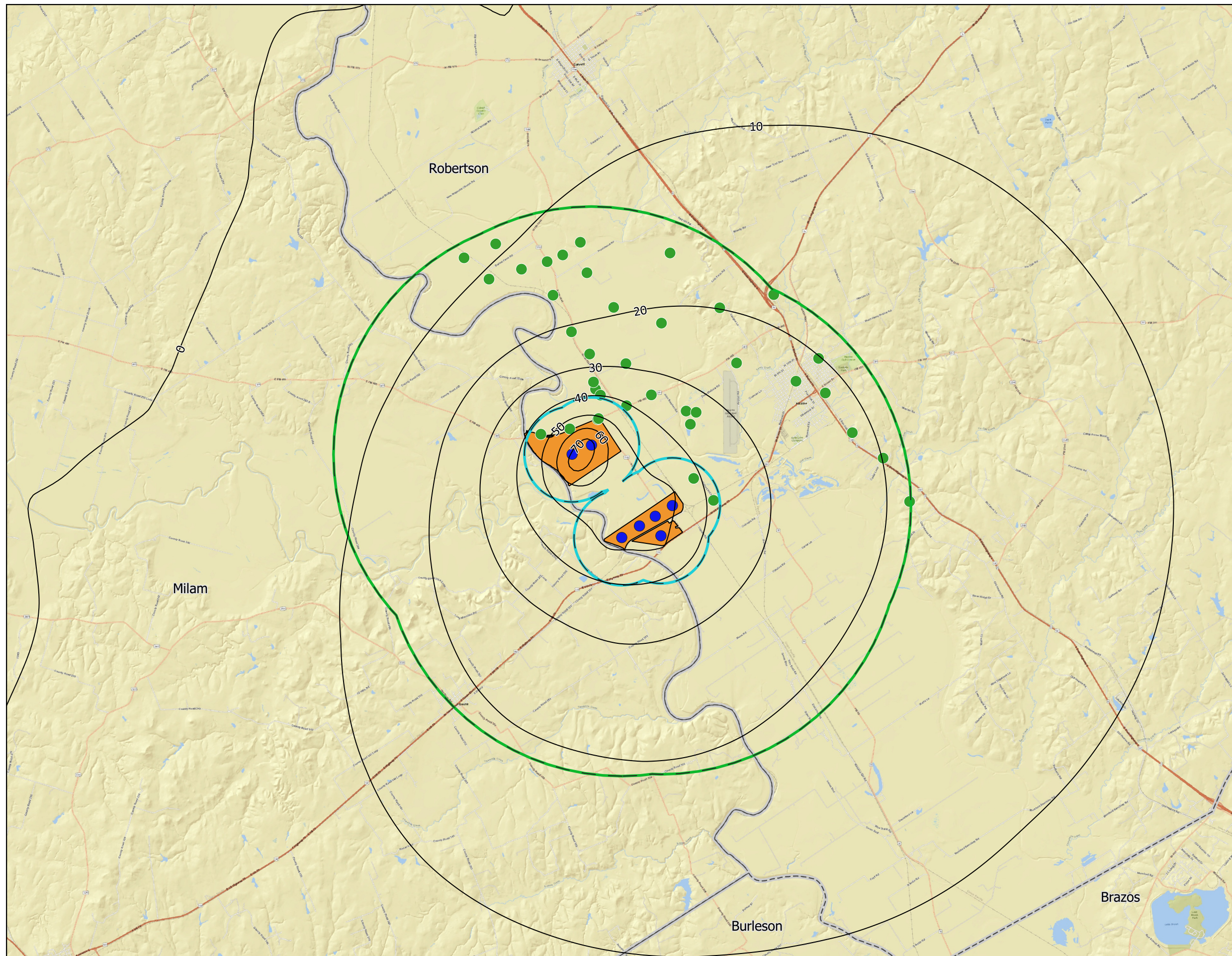


**Cula D'Brazos, LLC.**

Figure 6d: Well Locations w/in 1 Mile of Proposed Wells

Figure 7



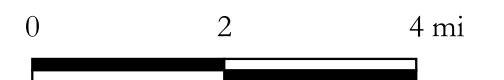
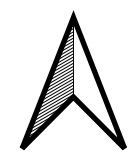


**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 1-Year Modeled Drawdown - GAM  
Contour Interval = 10 feet
- Cula D'Brazos Property
- ▭ Counties

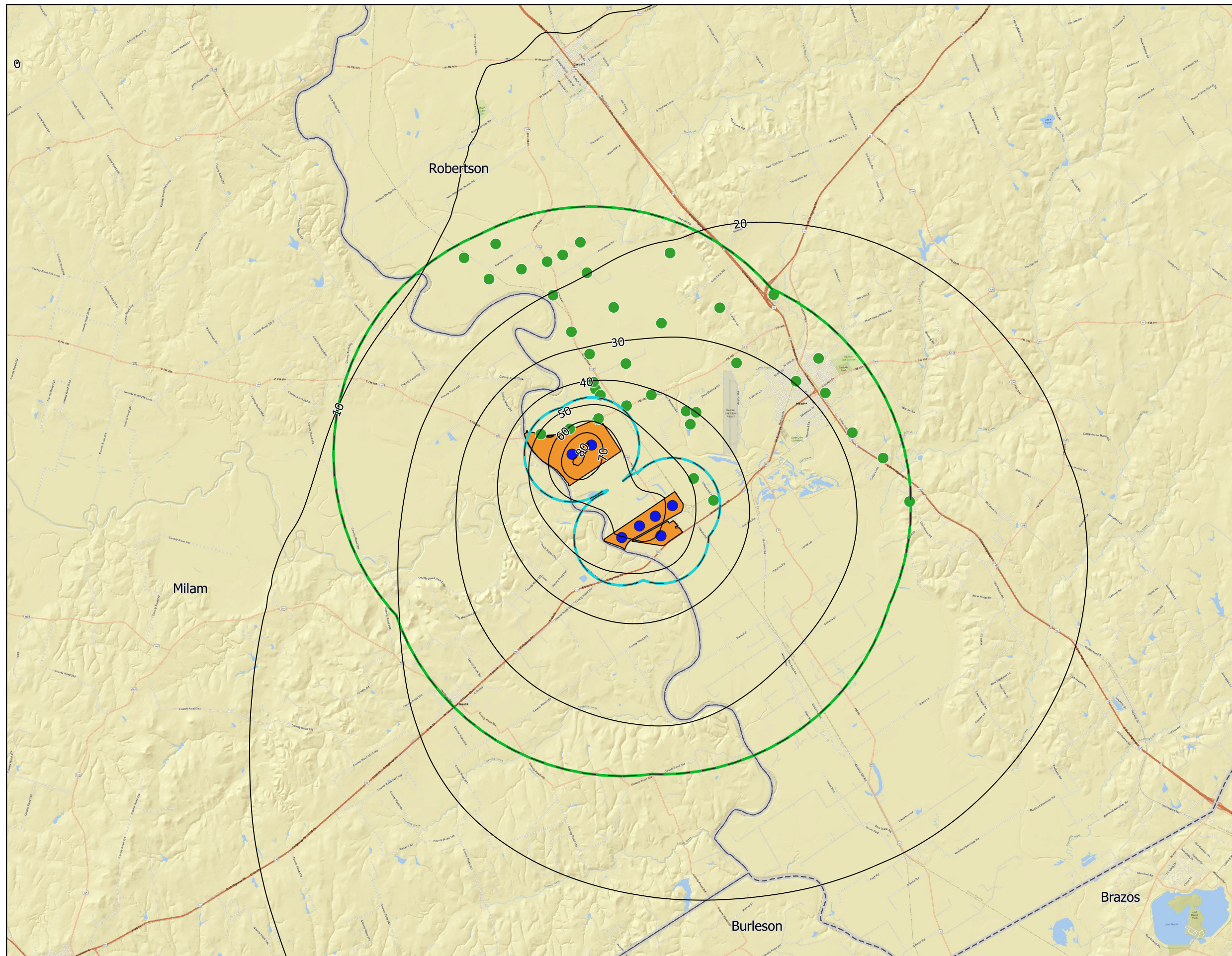
**BVGCD Reported Wells w/in 5 Miles**

- Simsboro



**Cula D'Brazos, LLC.**

Figure 8: 1-Year GAM  
Drawdown Contours

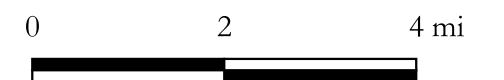
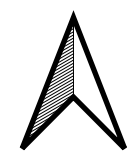


**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10-Year Modeled Drawdown - GAM  
Contour Interval = 10 feet
- Cula D'Brazos Property
- Counties

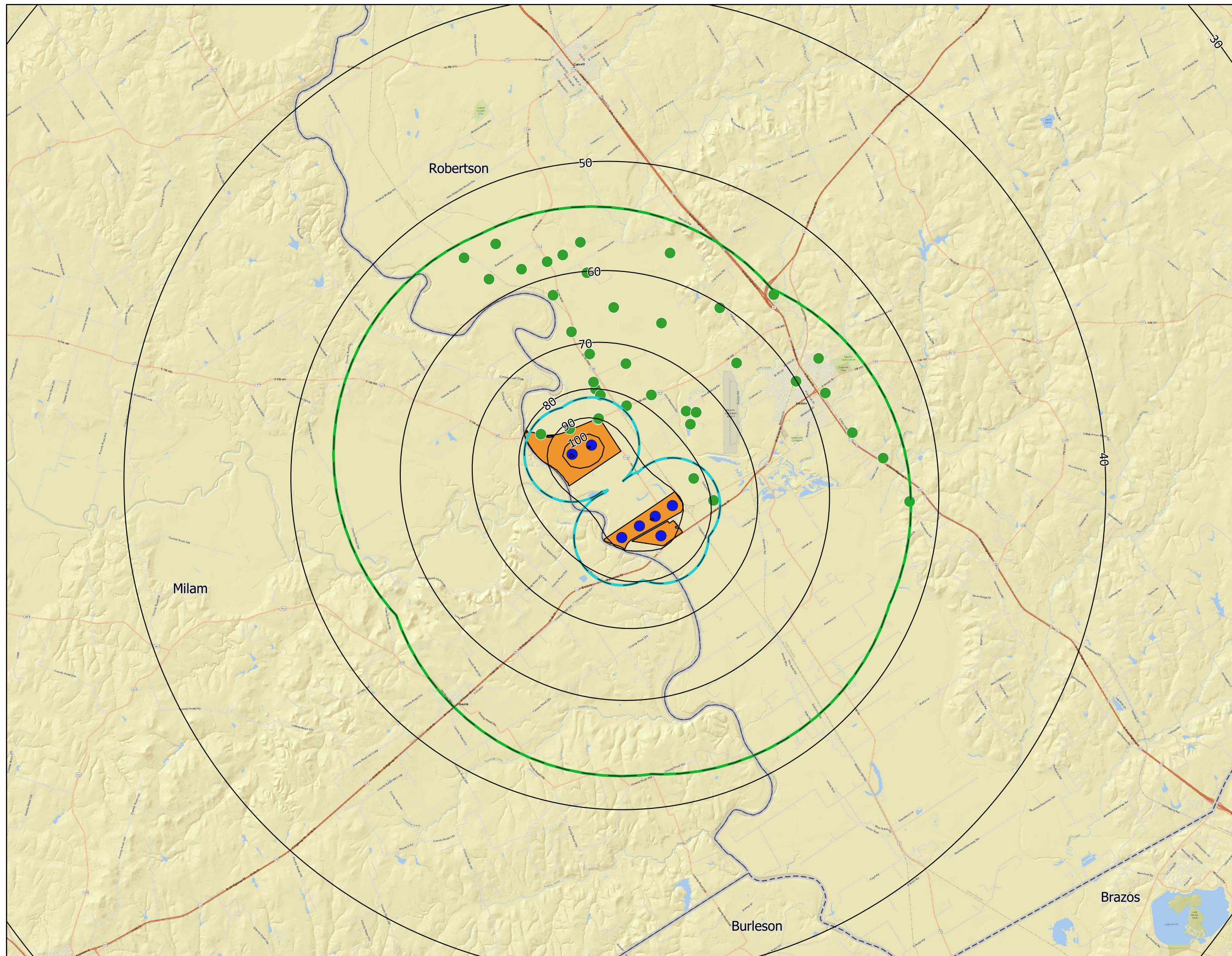
**BVGCD Reported Wells w/in 5 Miles**

- Simsboro



**Cula D'Brazos, LLC.**

Figure 9: 10-Year GAM Drawdown Contours

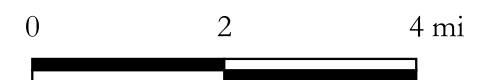
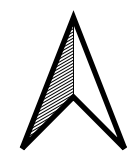


**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 1-Yr Modeled Drawdown - Analytical Contour Interval = 10 feet
- Cula D'Brazos Property
- Counties

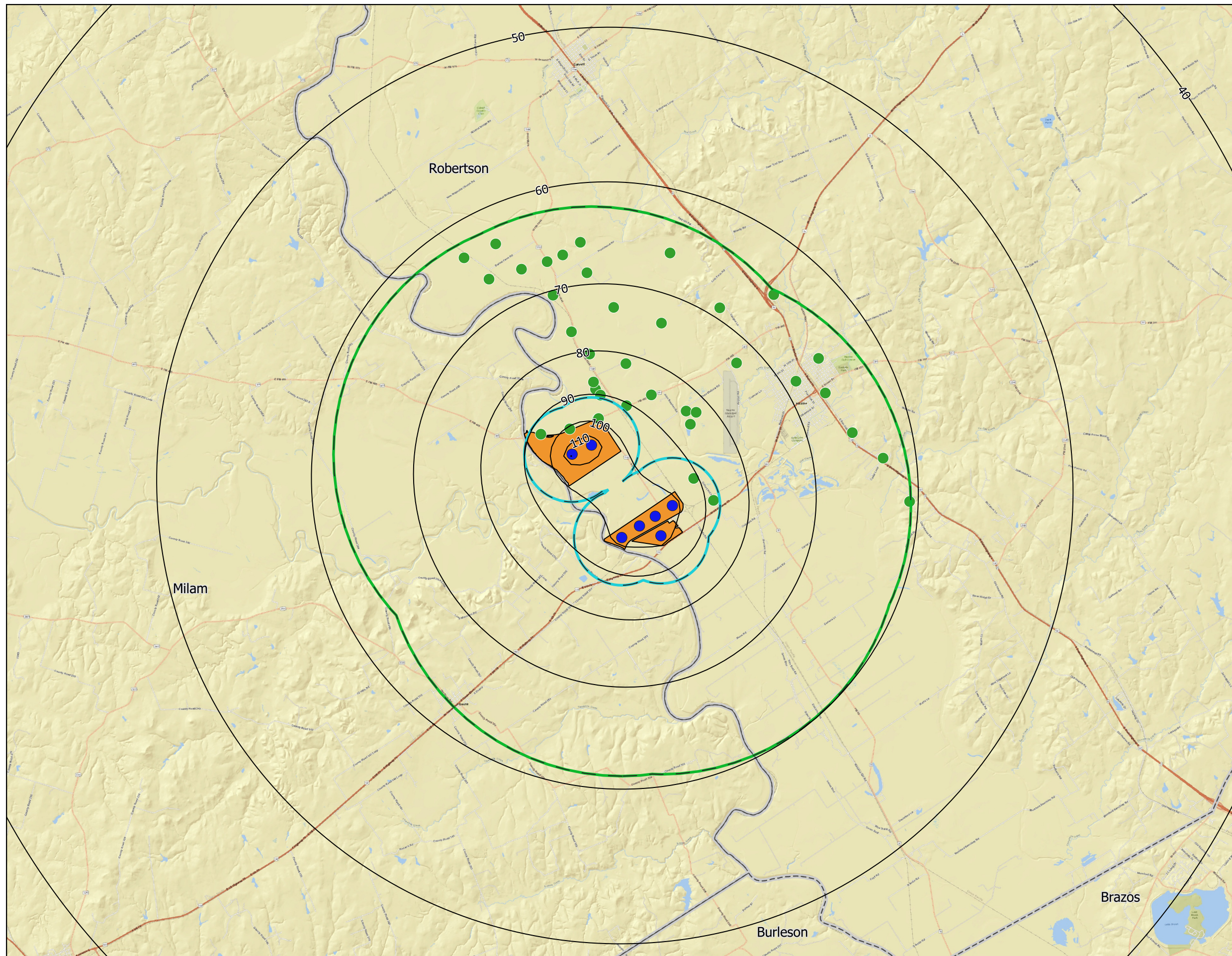
**BVGCD Reported Wells w/in 5 Miles**

- Simsboro



**Cula D'Brazos, LLC.**

Figure 10: 1-Year Analytical Drawdown Contours

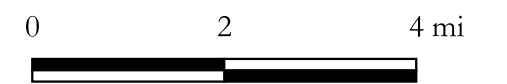
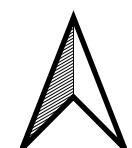


**Explanation**

- Proposed Wells
- 1 Mile Radius from Well Locations
- 5 Mile Radius from Well Locations
- 10-Yr Modeled Drawdown-Analytical Contour Interval =10 feet
- Cula D'Brazos Property
- Counties

**BVGCD Reported Wells w/in 5 Miles**

- Simsboro



**Cula D'Brazos, LLC.**

Figure 11: 10-Year Analytical Drawdown Contours

