

Worksheet for Drilling/Operating Permits

UW Brazos Valley Farm, LLC – Wells B, C, G, PS1, PS2, PS3, PS4, PS5, PS6, PS8, PS9, PS10, PS11

UW Brazos Valley Farm, LLC seeks Drilling/Operating permits for the purpose of:

- **Agricultural Use** – Irrigation of field crops, livestock watering, farming operations
- **Industrial Use**
- **Commercial Use**
- **Municipal Use**
- **Public Water Supply**

Proposed Well B (BVDO-0292):

Located at: N 30.932321° W 96.691592° 0.54 miles N of the intersection of FM 1644 and Barton Farm Road in Robertson County.

Proposed Well C (BVDO-0293):

Located at: N 30.916287° W 96.721219° 1.98 miles WSW of the intersection of FM 1644 and Barton Farm Road in Robertson County.

Proposed Well G (BVDO-0294):

Located at: N 30.871826° W 96.689291° 1.68 miles W of the intersection of FM 485 and FM 1644 in Robertson County.

Proposed Well PS 1 (BVDO-0295):

Located at: N 30.937420° W -96.676560° 1.41 miles SE of the intersection of FM 1644 and New Magnolia Church Road in Robertson County.

Proposed Well PS 2 (BVDO-0296):

Located at: N 30.889026° W 96.684725° 1.67 miles SSW of the intersection of FM 1644 and Providence Road in Robertson County.

Proposed Well PS 3 (BVDO-0297):

Located at: N 30.893501° W 96.663845° 1.75 miles SE of the intersection of FM 1644 and Providence Road in Robertson County.

Proposed Well PS 4 (BVDO-0298):

Located at: N 30.917196° W -96.631244° 1.10 miles SSE of the intersection of Providence Road and Red Hill Road in Robertson County.

Proposed Well PS 5 (BVDO-0299):

Located at: N 30.882803° W 96.673047° 0.99 miles NW of the intersection of FM 485 and FM 1644 in Robertson County.

Proposed Well PS 6 (BVDO-0300):

Located at: N 30.880632° W 96.650098° 0.84 miles NE of the intersection of FM 485 and FM 1644 in Robertson County.

Proposed Well PS 8 (BVDO-0301):

Located at: N 30.872396° W 96.675639° 0.86 miles W of the intersection of FM 485 and FM 1644 in Robertson County.

Proposed Well PS 9 (BVDO-0302):

Located at: N 30.913084° W 96.653847° 1.69 miles E of the intersection of FM 1644 and Providence Road in Robertson County.

Proposed Well PS 10 (BVDO-0303):

Located at: N 30.954950° W 96.680068° 0.62 miles E of the intersection of FM 1644 and New Magnolia Church Road in Robertson County.

Proposed Well PS 11 (BVDO-0304):

Located at: N 30.901250° W 96.651604° 2.00 miles ESE of the intersection of FM 1644 and Providence Road in Robertson County.

Beneficial Uses: **Agricultural** – Irrigation of field crops, livestock watering, farm Operations
 Industrial
 Commercial
 Municipal
 Public Water Supply

Aquifer of Origin: **Simsboro** (all wells)

Acreage: **Approximately 9,000 acres**

Well Column: **To Be Determined** (all wells)

Rate of Production:	Well B	3,150 gpm
	Well C	1,550 gpm
	Well G	2,150 gpm
	Well PS 1	2,450 gpm
	Well PS 2	1,500 gpm
	Well PS 3	2,400 gpm
	Well PS 4	2,250 gpm
	Well PS 5	1,500 gpm
	Well PS 6	1,700 gpm
	Well PS 8	1,750 gpm
	Well PS 9	2,850 gpm
	Well PS 10	1,500 gpm
	Well PS 11	1,980 gpm

Max. Annual Production:	Well B	4,068 acre feet/yr
	Well C	2,001 acre feet/yr

Well G	2,776 acre feet/yr
Well PS 1	3,164 acre feet/yr
Well PS 2	1,937 acre feet/yr
Well PS 3	3,099 acre feet/yr
Well PS 4	2,905 acre feet/yr
Well PS 5	1,937 acre feet/yr
Well PS 6	2,195 acre feet/yr
Well PS 8	2,260 acre feet/yr
Well PS 9	3,680 acre feet/yr
Well PS 10	1,937 acre feet/yr
Well PS 11	2,557 acre feet/yr

This application meets all of the specifications listed in BVGCD Rule 7.1 (c) regarding production based acreage. Below is the formula used to calculate and verify the applicant's compliance and was applied to each of the wells listed below:

Formula

acre feet/year x .62 = gpm on an average annual basis

Annual Average gpm x 1'/gpm for Simsboro wells = radius from the wellhead

radius x radius x 3.14 = square feet around the well

Square feet around well/43,560 = **contiguous acres to be assigned to the well.**

Well	Acre feet/year	Contiguous Acres Assigned
Well B	4068	458.55
Well C	2001	110.95
Well G	2776	213.53
Well PS1	3164	277.39
Well PS 2	1937	103.96
Well PS 3	3099	266.11
Well PS 4	2905	233.84
Well PS 5	1937	103.96
Well PS 6	2195	133.50
Well PS 8	2260	141.53
Well PS 9	3680	375.25
Well PS 10	1937	103.96
Well PS 11	2557	181.17

The permittee has asked that the production from the wells be aggregated with each other and with BVDO-0254, BVDO-0255, and BVDO-0256. These are multi-use permits for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Each well will be metered separately. The purpose of use from each well will be metered and reported separately.

The footprint of each of the wells lies entirely within the property controlled by the applicant.

This application is administratively complete.

It is the recommendation of the General Manager to approve the thirteen (13) permits listed and subject to the stated special provisions contained in the permits.

UW Brazos Valley Farm, LLC | Well B | Simsboro | 4,068 ac-ft/yr | 2,522.16' radius



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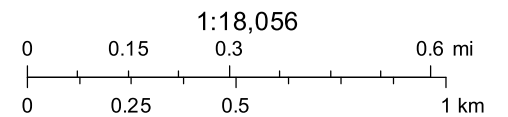
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● Coordinate Markers

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UW Brazos Valley Farm, LLC | Well C | Simsboro | 2,001 ac-ft/yr | 1,240.62' radius



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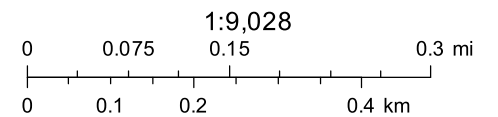
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UW Brazos Valley Farm, LLC | Well G | Simsboro | 2,776 ac-ft/yr | 1,721.12' radius



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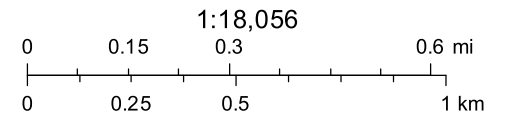
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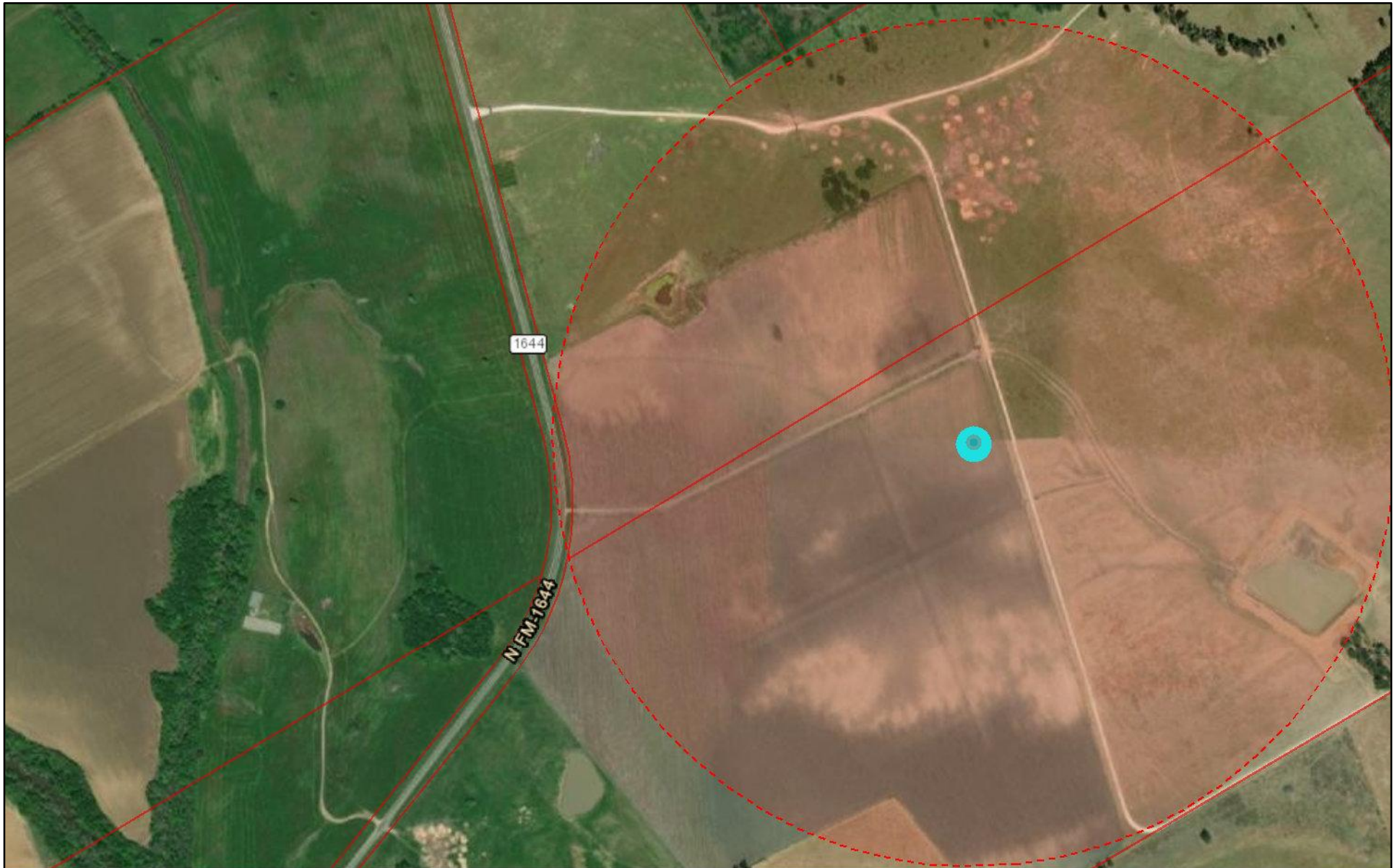
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UW Brazos Valley Farm, LLC | Well PS 1 | Simsboro | 3,164 ac-ft/yr | 1,961.68' radius



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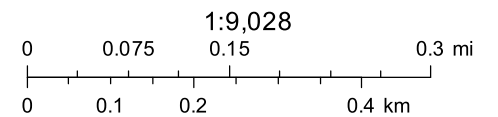
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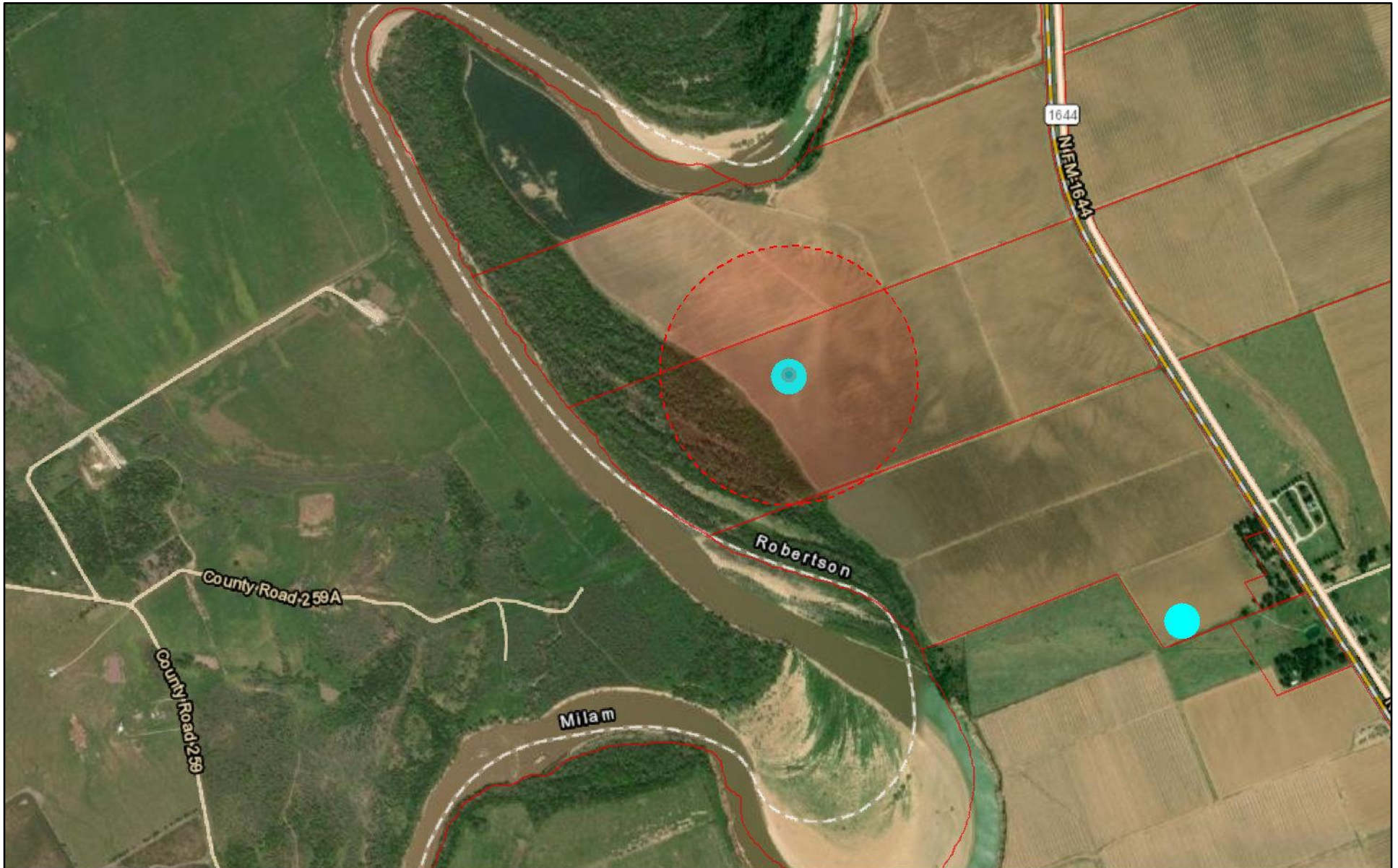
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UW Brazos Valley Farm, LLC | Well PS 2 | Simsboro | 1,937 ac-ft/yr | 1,200.94' radius



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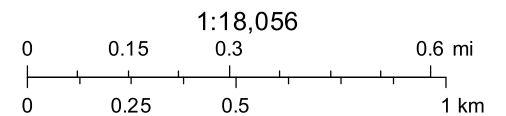
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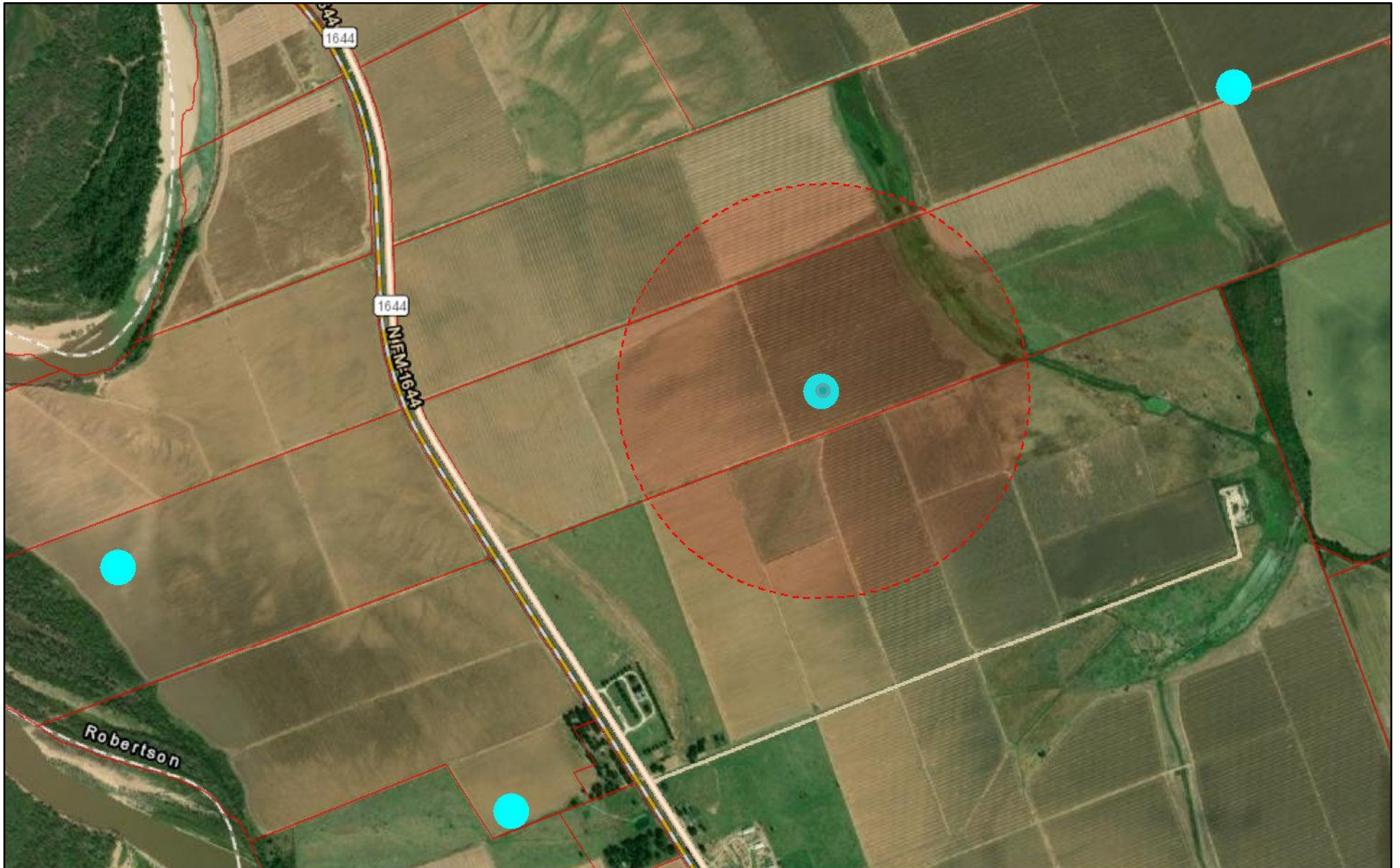
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UW Brazos Valley Farm, LLC | Well PS 3 | Simsboro | 3,099 ac-ft/yr | 1,921.38' radius



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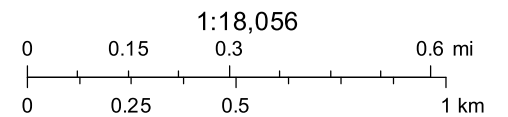
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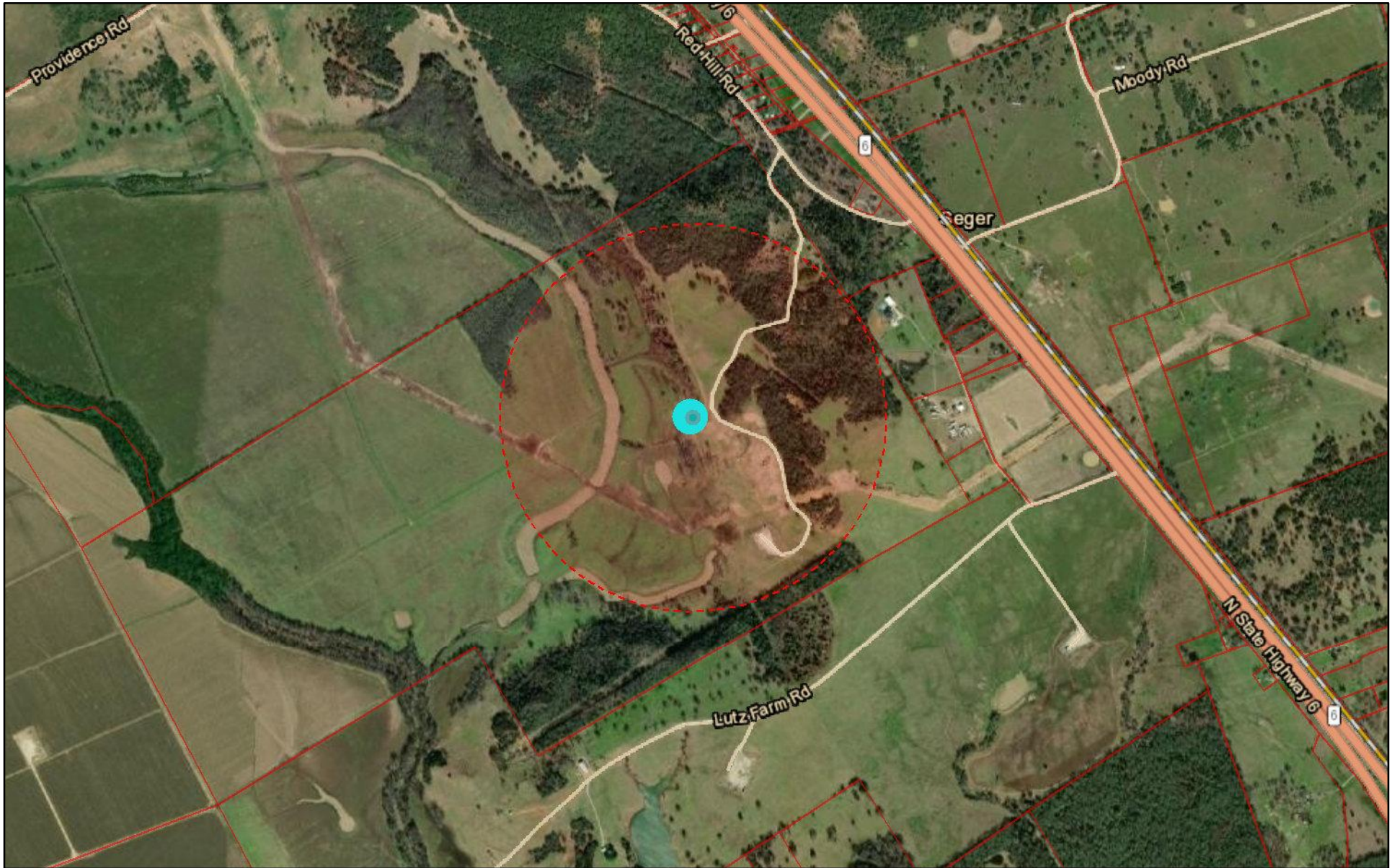
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UW Brazos Valley Farm, LLC | Well PS 4 | Simsboro | 2,905 ac-ft/yr | 1,801.10' radius



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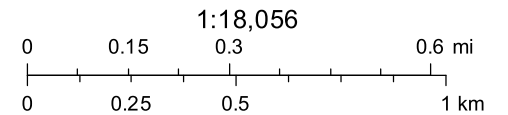
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UW Brazos Valley Farm, LLC | Well PS 5 | Simsboro | 1,937 ac-ft/yr | 1,200.94' radius



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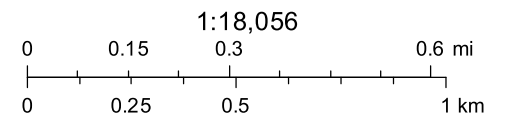
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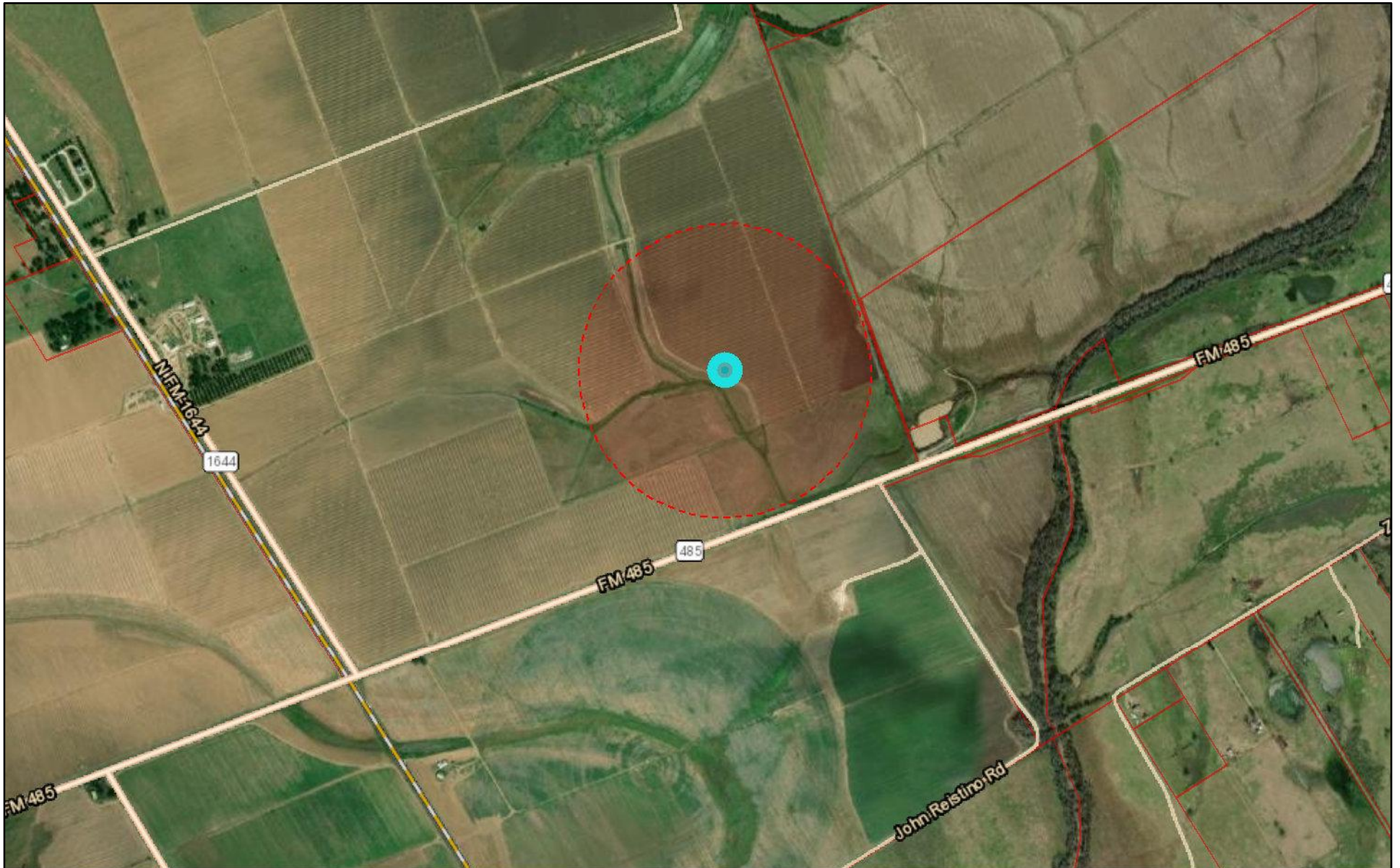
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UW Brazos Valley Farm, LLC | Well PS 6 | Simsboro | 2,195 ac-ft/yr | 1,360.90' radius



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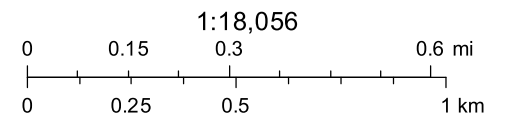
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UW Brazos Valley Farm, LLC | Well PS 8 | Simsboro | 2,260 ac-ft/yr | 1,401.20' radius



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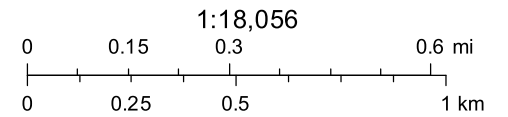
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UW Brazos Valley Farm, LLC | Well PS 9 | Simsboro | 3,680 ac-ft/yr | 2,281.60' radius



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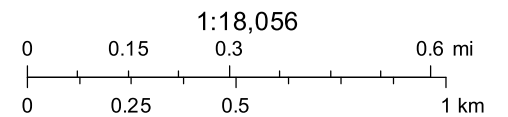
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UW Brazos Valley Farm, LLC | Well PS 10 | Simsboro | 1,937 ac-ft/yr | 1,200.94' radius



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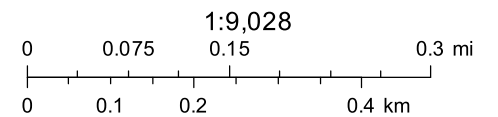
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UW Brazos Valley Farm, LLC | Well PS 11 | Simsboro | 2,557 ac-ft/yr | 1,585.34' radius



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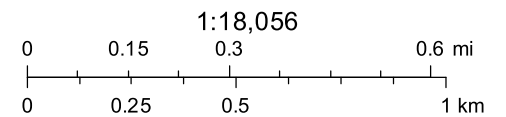
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