

Worksheet for Drilling/Operating Permits

Ely Family Partnership LP – Wells 1-8

**BVDO-0377 | BVDO-0378 | BVDO-0379 | BVDO-0380 |
BVDO-0381 | BVDO-0382 | BVDO-383 | BVDO-0384**

Ely Family Partnership LP seeks Drilling/Operating permits for the purpose of:

- **Agricultural**
- **Industrial**
- **Commercial**
- **Public Water Supply**
- **Municipal Use**

Proposed Well 1 (BVDO-0377):

Located at: N 30.843353° W 96.594456° 1.27 miles SW of the intersection of US-79 and FM 50 in Robertson County.

Proposed Well 2 (BVDO-0378):

Located at: N 30.838847° W 96.584083° 1.88 miles ENE of the intersection of Carter Lane and FM 50 in Robertson County.

Proposed Well 3 (BVDO-0379):

Located at: N 30.838158° W 96.573567° 1.10 miles WSW of the intersection of SH-6 and Old Hearne Road in Robertson County.

Proposed Well 4 (BVDO-0380):

Located at: N 30.827000° W 96.567717° 2.05 miles E of the intersection of Carter Lane and FM 50 in Robertson County.

Proposed Well 5 (BVDO-0381):

Located at: N 30.823175° W 96.571783° 1.82 miles ESE of the intersection Carter Lane and FM 50 in Robertson County.

Proposed Well 6 (BVDO-0382):

Located at: N 30.831378° W 96.559953° 1.05 miles S of the intersection of SH-6 and Old Hearne Road in Robertson County.

Proposed Well 7 (BVDO-0383):

Located at: N 30.815553° W 96.554250° 1.01 miles SW of the intersection of River Ridge Drive and Old Hearne Road in Robertson County.

Proposed Well 8 (BVDO-0384):

Located at: N 30.806858° W 96.544747° 1.46 miles S of the intersection of River Ridge Drive and Old Hearne Road in Robertson County.

Beneficial Uses: **Agricultural, Industrial, Commercial, Public Water Supply, Municipal**

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

Acreage: **1,411 acres (Wells 1-6)**
462 acres (Wells 7-8)

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

Rate of Production:

| | |
|---------------|------------------|
| Well 1 | 1,150 gpm |
| Well 2 | 2,000 gpm |
| Well 3 | 850 gpm |
| Well 4 | 1,600 gpm |
| Well 5 | 1,100 gpm |
| Well 6 | 1,600 gpm |
| Well 7 | 1,400 gpm |
| Well 8 | 1,050 gpm |

Max. Annual Production:

| | |
|---------------|-----------------------|
| Well 1 | 1,484 ac-ft/yr |
| Well 2 | 2,581 ac-ft/yr |
| Well 3 | 1,097 ac-ft/yr |
| Well 4 | 2,065 ac-ft/yr |
| Well 5 | 1,419 ac-ft/yr |
| Well 6 | 2,065 ac-ft/yr |
| Well 7 | 1,807 ac-ft/yr |
| Well 8 | 1,355 ac-ft/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

Average Annual gpm x 1' 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 1 | 1,484 | 61.02 |
| Well 2 | 2,581 | 184.59 |
| Well 3 | 1,097 | 33.35 |
| Well 4 | 2,065 | 118.16 |
| Well 5 | 1,419 | 55.79 |
| Well 6 | 2,065 | 118.16 |
| Well 7 | 1,807 | 90.48 |
| Well 8 | 1,355 | 50.86 |

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

This application is administratively complete.

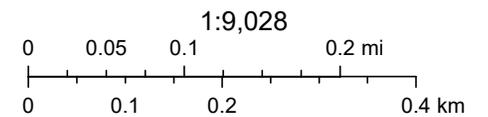
It is the recommendation of the General Manager to approve the eight (8) permits as presented.

Ely Family Partnership | Well 1 | BVDO-0377 | Simsboro | 1,484 ac-ft/yr | 920.08' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Permit No. BVDO-0377



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 1** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.843353° and W 96.594456°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,150 GPM** and a maximum annual production of **1,484 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

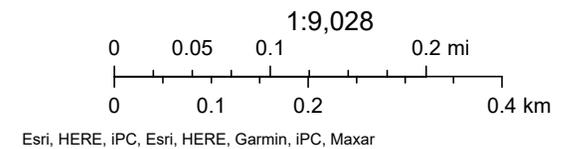
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 2 | BVDO-0378 | Simsboro | 2,581ac-ft/yr | 1,600.22' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Permit No. BVDO-0378



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 2** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.838847° and W 96.584083°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **2,000 GPM** and a maximum annual production of **2,581 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

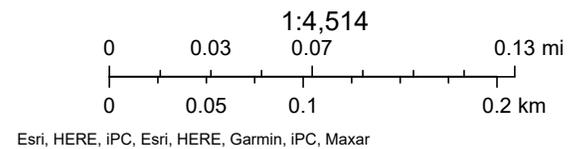
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 3 | BVDO-0379| Simsboro | 1,497 ac-ft/yr | 680.14' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Permit No. BVDO-0379



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 3** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.838158° and W 96.573567°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **850 GPM** and a maximum annual production of **1,097 acre feet/year**.

Operating Permit Term:

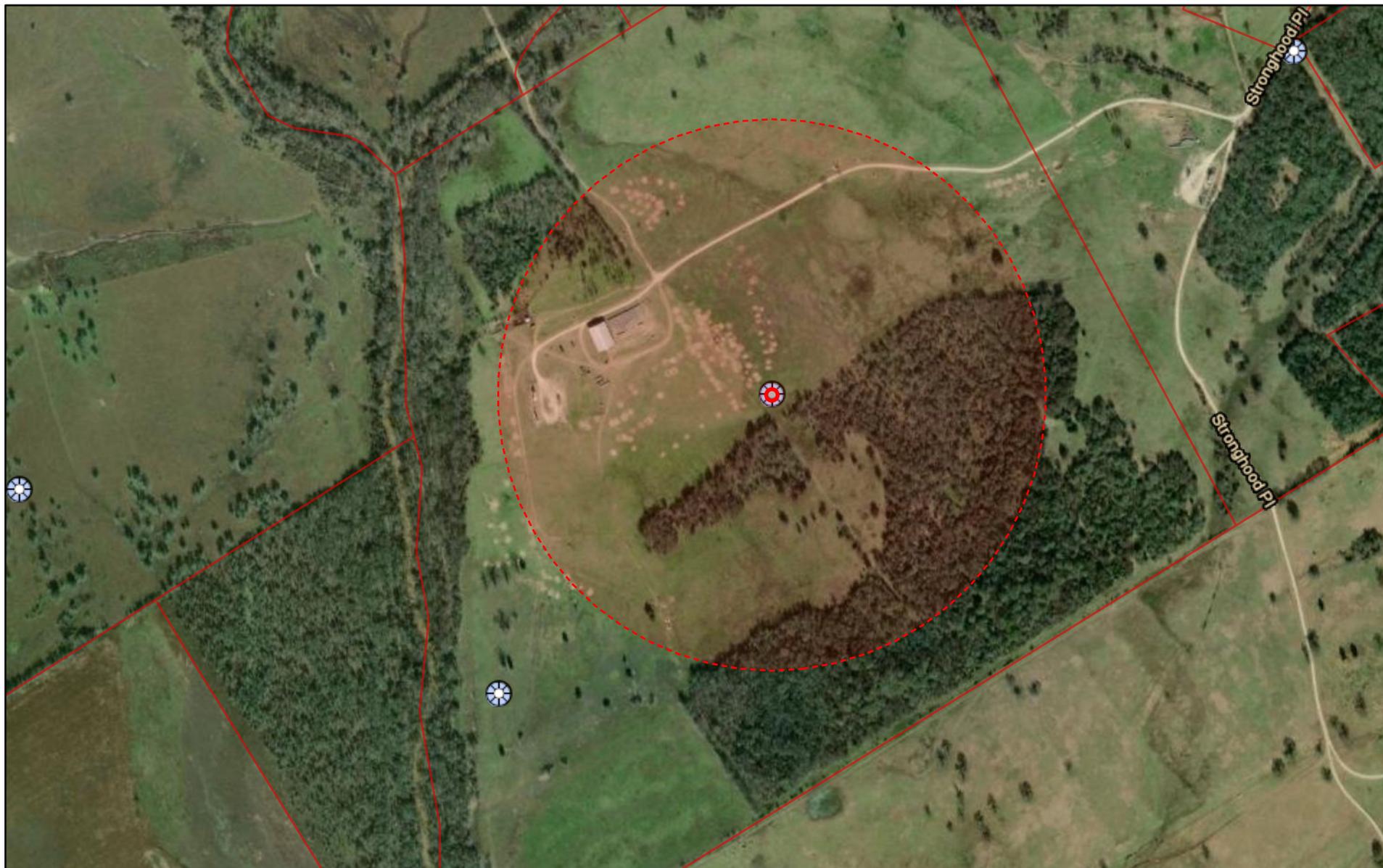
- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

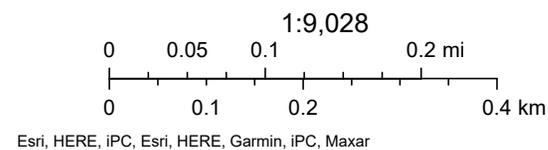
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 4 | BVDO-0380 | Simsboro | 2,065 ac-ft/yr | 1,280.30' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Permit No. BVDO-0380



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 4** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.827000° and W 96.567717°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,600 GPM** and a maximum annual production of **2,065 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

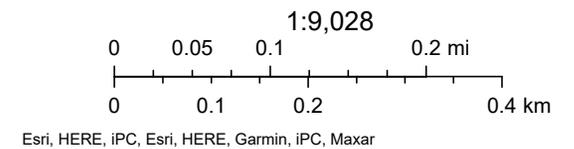
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 5 | BVDO-0381 | Simsboro | 1,419 ac-ft/yr | 879.78' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Permit No. BVDO-0381



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 5** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.823175° and W 96.571783°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,100 GPM** and a maximum annual production of **1,419 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

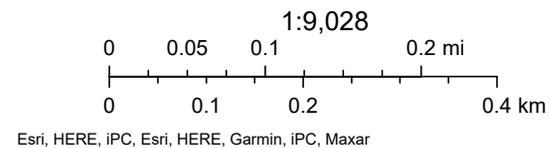
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 6 | BVDO-0382 | Simsboro | 2,065 ac-ft/yr | 1,280.30' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Permit No. BVDO-0382



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 6** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.831378° and W 96.559953°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,600 GPM** and a maximum annual production of **2,065 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

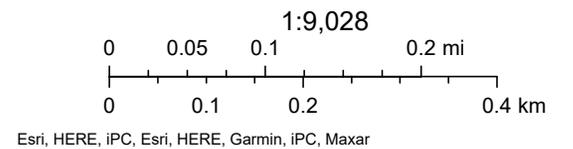
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 7 | BVDO-0383 | Simsboro | 1,807 ac-ft/yr | 1120.34' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Permit No. BVDO-0383



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 7** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.815553° and W 96.554250°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,400 GPM** and a maximum annual production of **1,807 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

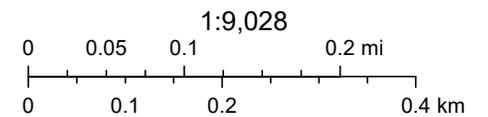
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Ely Family Partnership | Well 8 | BVDO-0384 | Simsboro | 1,355 ac-ft/yr | 840.10' radius



July 21, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Permit No. BVDO-0384



Operating Permit Issued By Direction of the Board of Directors of the Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **Ely Family Partnership LP** (Permittee) authorizing the Permittee to operate a water well, known as **Well 8** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.806858° and W 96.544747°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,050 GPM** and a maximum annual production of **1,355 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of September 14, 2023.

Special Provisions/Notes:

This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.