

Worksheet for an Operating Permit
Carey D. Smith Well #2 – BVOP-0297

Carey D. Smith seeks an Operating Permit for the purpose of:

- **Industrial Use** – Manufacturing Concrete/Washing of trucks

Existing Well #2

Date Drilled: **October 18, 2014**

Well Depth: **1110'**

Tract Size: **8.41 acres**

Located at: N 30.53447391° W 96.23518643° 0.37 miles NW of the intersection of Texas Hwy 6 and Mesa Verde Drive in Brazos County

Beneficial Use: **Industrial**

Aquifer of Origin: **Yegua-Jackson**

Well Column: **6"**

Rate of Production: **40 gpm**

Max. Annual Production: **58 acre feet/year**

This application meets all of the specifications listed in BVGCD Rule 7.1 (c) regarding production based acreage. Below are the calculations verifying the applicant's compliance:

$58 \text{ acre feet/year} \times .62 = 35.96 \text{ gpm}$ on an average annual basis

$35.96 \times 2'/\text{gpm}$ for Yegua-Jackson wells = 71.92' radius from the wellhead

$71.92' \times 71.92' \times 3.14 = 16,241.61$ square feet around the well

$16,241.61 / 43,560 = 0.3729$ contiguous acres to be assigned to the well

The footprint of the well lies entirely within an area to which the applicant has the legal authority to produce groundwater.

Application is administratively complete.

It is the recommendation of the General Manager to approve the Operating permit.

Permit No. BV-OP-0297



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

This **Operating Permit** is granted to **Carey D. Smith** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 30.53447391° W 96.23518643°** to produce water from the **Yegua-Jackson Aquifer** at an annual maximum capacity not to exceed **40 GPM** and a maximum annual production of **58 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 August 9, 2018.

Special Provisions/Notes: None

Carey D. Smith | BVOP-0297 | Well #2 | Yegua-Jackson | 58 ac-ft/yr | 72' radius



July 18, 2018

pointLayer

● Override 1

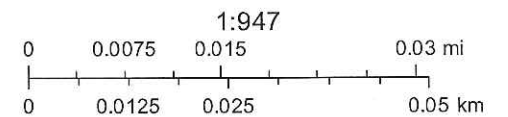
polygonLayer

■ Override 1

⊗ BVGCD Wells

□ Brazos CAD Parcels

□ Robertson CAD Parcels



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Worksheet for an Operating Permit
Carey D. Smith Well #3 – BVOP-0298

Carey D. Smith seeks an Operating Permit for the purpose of:

- **Industrial Use** – Manufacturing Concrete/Washing of trucks

Existing Well #3

Date Drilled: **November 11, 2014**

Well Depth: **640'**

Tract Size: **8.41 acres**

Located at: N 30.53517991° W 96.23608931° 0.44 miles NW of the intersection of Texas Hwy 6 and Mesa Verde Drive in Brazos County

Beneficial Use: **Industrial**

Aquifer of Origin: **Yegua-Jackson**

Well Column: **6"**

Rate of Production: **40 gpm**

Max. Annual Production: **30.6 acre feet/year**

This application meets all of the specifications listed in BVGCD Rule 7.1 (c) regarding production based acreage. Below are the calculations verifying the applicant's compliance:

$30.6 \text{ acre feet/year} \times .62 = 19 \text{ gpm}$ on an average annual basis

$19 \times 2'/\text{gpm}$ for Yegua-Jackson wells = 38' radius from the wellhead

$38' \times 38' \times 3.14 = 4,534.16$ square feet around the well

$4,534.16/43,560 = 0.1041$ contiguous acres to be assigned to the well

The footprint of the well lies entirely within an area to which the applicant has the legal authority to produce groundwater.

Application is administratively complete.

It is the recommendation of the General Manager to approve the Operating permit.

Permit No. BV-OP-0298



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

This **Operating Permit** is granted to **Carey D. Smith** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 30.53517991° W 96.23608931°** to produce water from the **Yegua-Jackson Aquifer** at an annual maximum capacity not to exceed **40 GPM** and a maximum annual production of **30.6 acre feet/year**.

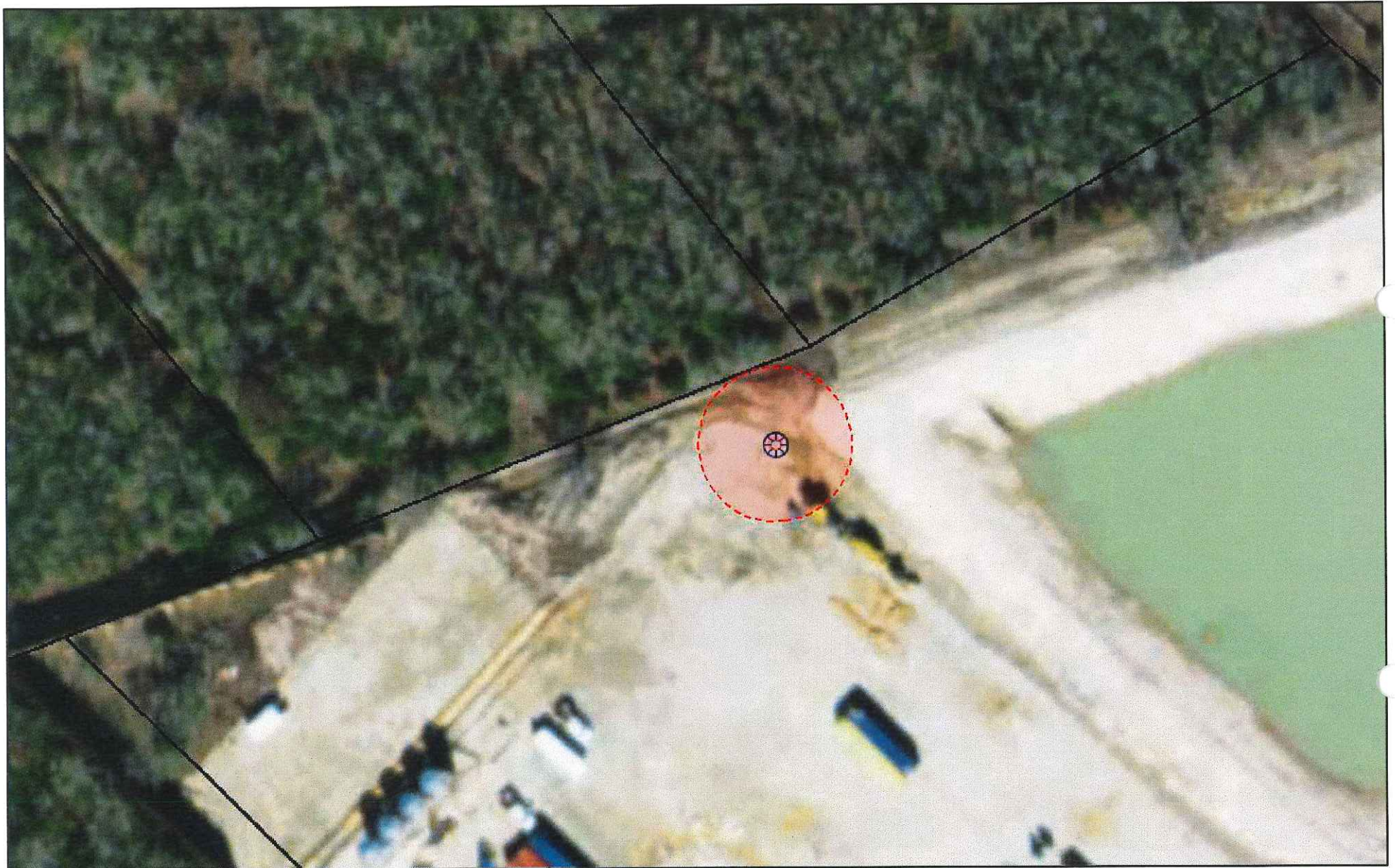
Operating Permit Term:

- (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 August 9, 2018.

Special Provisions/Notes: None

Carey D. Smith | BVOP-0298 | Well #3 | Yegua-Jackson | 30.6 ac-ft/yr | 38' radius



July 18, 2018

pointLayer

● Override 1

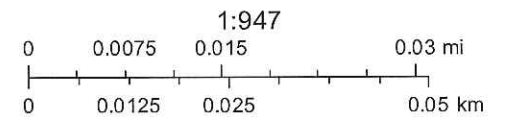
polygonLayer

■ Override 1

⊗ BVGCD Wells

□ Brazos CAD Parcels

□ Robertson CAD Parcels



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