

Worksheet for an Operating Permit Amendment
Luminant Mining Company – Kosse Mine (BVOP-0320)

Luminant Mining Company – Kosse Mine seeks an Operating permit amendment for the purpose of:

- **Industrial Use – Mining operations**

Approved Permit (BVOP-0320) – Well #7

Located at: N 31.25850282 ° W 96.50235101 ° 0.57 miles ENE of the intersection of Tillman Road and Headsville Road in Robertson County

Beneficial Use: **Industrial Use – Mining operations**

Aquifer of Origin: **Simsboro**

Acreage: **191 acres**

Well Column: **4”**

Rate of Production: **72 gpm**

Max. Annual Production: **116 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:

$116 \text{ acre feet/year} \times .62 = 71.92 \text{ gpm}$ on an average annual basis

$71.92 \times 1'/\text{gpm}$ for Simsboro wells = 71.92' radius from the wellhead

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

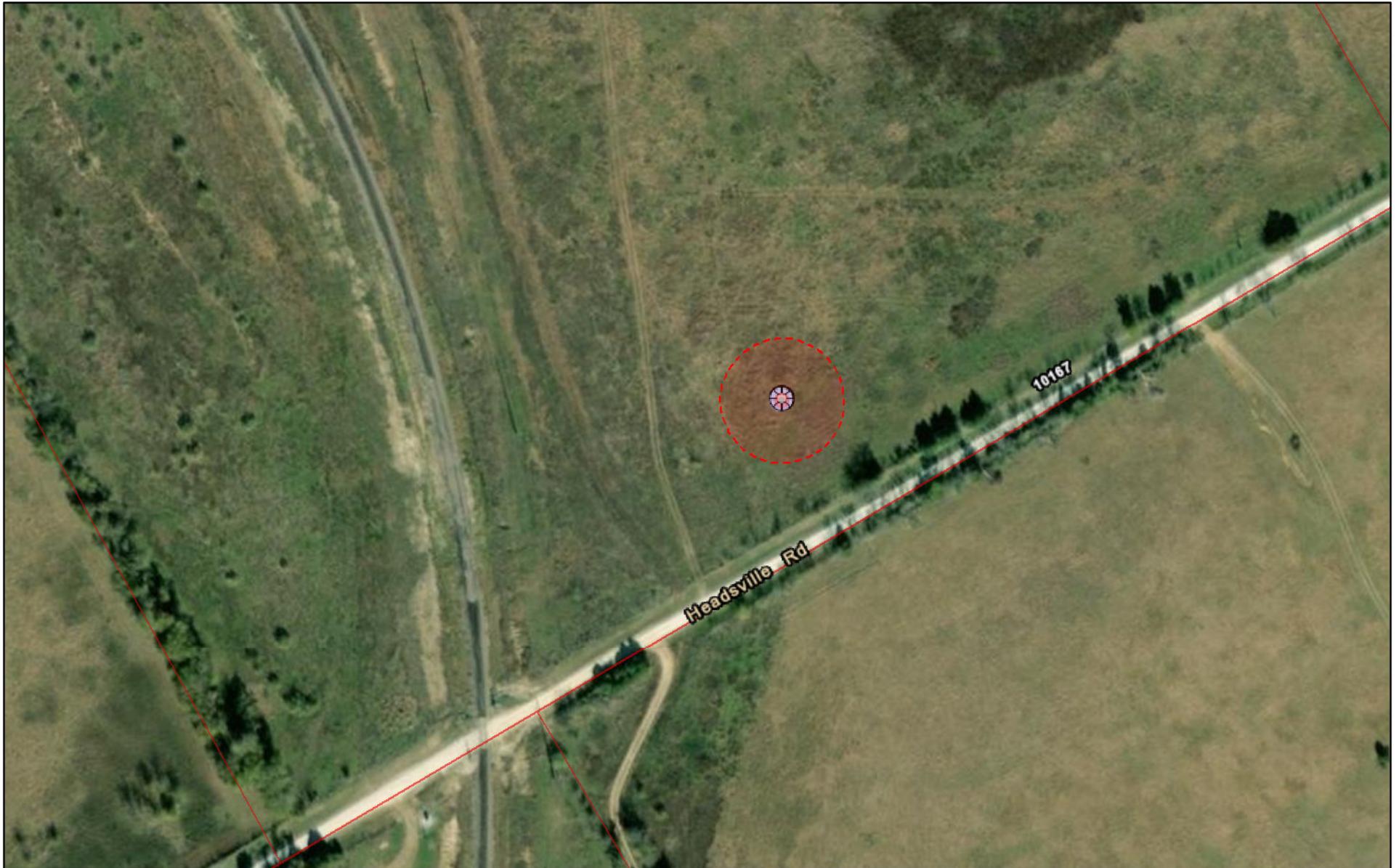
$16,241.61/43,560 = .3729$ **contiguous acres to be assigned to the well.**

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

The permit holder seeks to amend the permit lengthening the permit term from one (1) year to five (5) years. No additional water production is requested.

Application is administratively complete. It is the recommendation by the General Manager to approve the amendment to BVOP-0320 as described above.

Luminant Mining Co. | BVOP-0320 | Well #7 | Simsboro | 116 ac-ft/yr | 71.92' radius



July 21, 2022

pointLayer

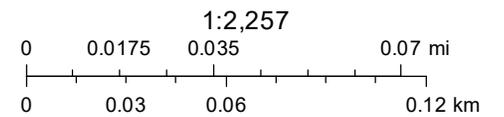
● Override 1

polygonLayer

■ Override 1

⊗ BVGCDWells

▭ RobertsonCADParcels



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Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

Permit No. BVOP-0320

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



This **Operating Permit** is granted to **Luminant Mining Company, LLC (Kosse Mine)** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 31.258419° and W 96.502589°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **72 GPM** and a maximum annual production of **116 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 July 21, 2022. This permit was amended July 13, 2023 lengthening the permit term from one (1) year to five (5) years.

Special Provisions/Notes: None