

Worksheet for an Operating Permit
Vince Mancuso (BVOP-0315)

Vince Mancuso seeks one (1) Operating Permit for the purpose of:

- **Agricultural – Water for irrigation of forage crops**

Existing Well:

Well #1 (**BVOP-0315**) Located at: N 31.036770° W 96.332653° 0.93 miles W of the intersection of Cobb Branch Road and FM 1940 in Robertson County

Tract Size: Approximately 347 acres

Beneficial Use: **Agricultural – Water for irrigation of forage crops**

Aquifer of Origin: **Queen City**

Well Column: **8”**

Date Drilled: **January 4, 1999**

Well Depth: **400’**

Rate of Production: **325 gpm**

Max. Annual Production: **399 acre feet/year**

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

$399 \text{ acre feet/year} \times .62 = 247.4 \text{ gpm}$ on an average annual basis

$247.4 \times 2'/\text{gpm}$ for Queen City wells – 494.80’ radius from the wellhead

$494.8' \times 494.8' \times 3.14 = 75,438.50$ square feet around the well

$75,438.50/43,560 = \mathbf{17.648}$ contiguous acres to be assigned to the well.

Application is administratively complete.

It is the recommendation by the General Manager to approve the Operating permit as presented.

ATTENTION OWNER: Confidentiality
 Privilege Notice on reverse side
 of Well Owner's copy (pink)

State of Texas WELL REPORT

Texas Department of Licensing &
 Regulation
 P.O. Box 12157
 Austin, TX 78711
 512-463-7880

1) OWNER David Pate ADDRESS P. O. Box 1972 Bryan, Tx. 77806
(Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: 10 Miles West of Franklin, Texas
County (Street, RFD or other) (City) (State) (Zip) Grid # 39-62-8

3) TYPE OF WORK (Check):
 New Well Deepening
 Reconditioning Plugging

4) PROPOSED USE (Check): Monitor Environmental Soil Boring Domestic
 Industrial Irrigation Injection Public Supply De-watering Testwell
 If Public Supply well, were plans submitted to the TNRCC? Yes No

5) _____

6) WELL LOG:
 Date Drilling: _____
 Started 12-7- 1998
 Completed 1-4- 1999

| DIAMETER OF HOLE | | |
|------------------|------------|----------|
| Dia. (in.) | From (ft.) | To (ft.) |
| 16 1/2 | Surface | 220 |
| 12 1/2 | 220 | 400 |

7) DRILLING METHOD (Check): Driven
 Air Rotary Mud Rotary Bored
 Air Hammer Cable Tool Jetted
 Other _____

| From (ft.) | To (ft.) | Description and color of formation material |
|------------|----------|---|
| 0 | 1 | Topsoil |
| 1 | 20 | Clay |
| 20 | 80 | Shale |
| 80 | 160 | Sandy Shale |
| 160 | 220 | Shale |
| 220 | 320 | Sandy Shale |
| 320 | 380 | Sand |
| 380 | 400 | Shale |

(Use reverse side of Well Owner's copy, if necessary)

13) Well plugged within 48 hours

| Casing left in well: | | Cement/bentonite placed in well: | | Sacks used: |
|----------------------|---------|----------------------------------|---------|-------------|
| From (ft) | To (ft) | From (ft) | To (ft) | |
| | | | | |

14) TYPE PUMP:
 Turbine Jet Submersible Cylinder
 Other _____
 Depth to pump bowls, cylinder, jet, etc., 231 ft.

15) WELL TESTS:
 Type test: Pump Bailer Jetted Estimated
 Yield: 316 gpm with 90 ft. drawdown after 2 hrs.

16) WATER QUALITY:
 Did you knowingly penetrate any strata which contained undesirable constituents?
 Yes No If yes, submit "REPORT OF UNDESIRABLE WATER"
 Type of water? Good Depth of strata 220-380
 Was a chemical analysis made? Yes No

8) Borehole Completion (Check): Open Hole Straight Wall
 Underreamed Gravel Packed Other _____
 If Gravel Packed give interval from 20 ft. to 400 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

| Dia. (in.) | New or Used | Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial | Setting (ft.) | | Gage Casting Screen |
|------------|-------------|--|---------------|-----|---------------------|
| | | | From | To | |
| 12 | N | PVC Well Casing | 0 | 220 | |
| 8 | N | PVC Screen | 220 | 380 | .020 |
| 8 | N | PVC Blank | 380 | 400 | |

9) CEMENTING DATA
 Cemented from 0 ft. to 20 ft. No. of sacks used 15
 _____ ft. to _____ ft. No. of sacks used _____
 Method used Pressure
 Cemented by Siegert Water Wells, Inc.
 Distance to septic system field lines or other concentrated contamination 150 ft.
 Method of verification of above distance Landowner

10) SURFACE COMPLETION
 Specified Surface Slab Installed
 Specified Steel Sleeve Installed
 Pitless Adapter Used
 Approved Alternative Procedure Used

11) WATER LEVEL:
 Static level 90 ft. below land surface Date 1-4-99
 Artesian flow _____ gpm. Date _____

12) PACKERS:

| Type | Depth |
|------|-------|
| | |

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Siegert Water Wells, Inc. WELL DRILLER'S LICENSE NO. 0897PW
(Type or print)

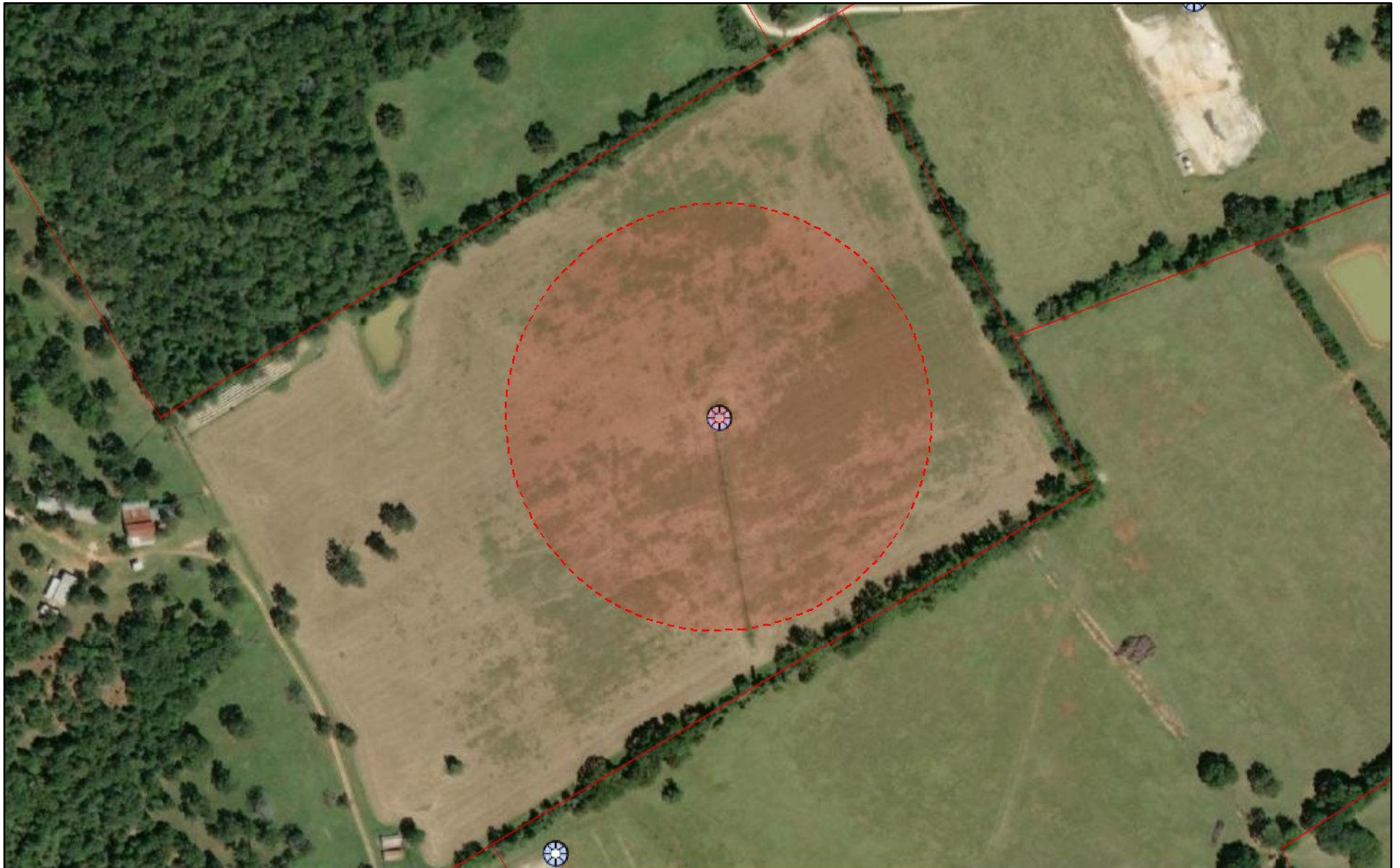
ADDRESS 4411 Burt Rd.
(Street or RFD)

(Signed) [Signature] (Licensed Well Driller)

| | | | | |
|---------|-------------------------|---------|-------------------------------------|----------------------|
| FILE ID | <u>Bryan,</u> | SEQ # | <u>Texas</u> | <u>77807</u> |
| | <small>(City)</small> | | <small>(State)</small> | <small>(Zip)</small> |
| FMP # | <u>[Signature]</u> | DESC CO | <u>(Registered Driller Trainee)</u> | |
| | <small>(Signed)</small> | | | |

Please attach electric log, chemical analysis and other pertinent information, if available.

Vince Mancuso | BVOP-0315 | Queen City | 399 ac-ft/yr | 494.8' radius



June 1, 2021

pointLayer

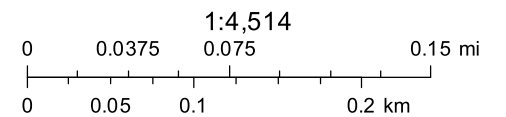
● Override 1

polygonLayer

■ Override 1

⊗ BVGCDWells

▭ RobertsonCADParcels



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Permit No. BVOP-0315

**Operating Permit
Issued by the General Manager of the
Brazos Valley Groundwater Conservation District
Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Vince Mancuso** (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** use. Permittee is authorized to operate the Well located at **N 31.036770° and W 96.332653°** to produce water from the **Queen City Aquifer** at an annual maximum capacity not to exceed **325 GPM** and a maximum annual production of **399 acre feet/year**.

Operating Permit Term:

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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 8, 2021.

Special Provisions/Notes: None

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
- (5) The well site must be accessible to District representatives for inspection, and Permittee agrees to cooperate fully in any reasonable inspection of the well and well site by the District representatives.
- (6) The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of and contingent upon the accuracy of the information supplied in that application. A finding that false information has been supplied is grounds for immediate revocation of the permit.
- (7) Violation of this Permit's terms, conditions, requirements, or special provisions, including pumping amounts in excess of authorized withdrawal, is punishable by civil penalties as provided by the District Rule 15.3, as well as revocation of the permit.
- (8) Permittee will use reasonable diligence to protect groundwater quality and will follow well-plugging guidelines at the time of well closure.

The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

Brazos Valley Groundwater Conservation District

By: _____ Date _____
Alan M. Day, General Manager