



Little Blue Natural Resources District

"Serving The Public Since 1972"

June 24, 2024

Michael Walters
607 Swartzendruber Drive
Shickley, NE 68436

Dear Sir

You have a well permit LBMA-2693 for the NW¼ 03-4N-05W that was signed by the District on May 10th 2024. It is non-conditional, meaning the soils and aquifer were above a minimum set by the board for staff approval.

A stay on drilling wells and expanding irrigated acres was enacted by the Board within the District on May 14, 2024. This well permit will expire on May 10, 2025. You have until that date to install the well, and the irrigation of the lands should occur expeditiously after that.

If the land is sold the permit can be transferred to the new owner, let the office know if this occurs. Selling the land does not extend the expiration date, so please keep the May 10, 2025 date in mind.

Sincerely

A handwritten signature in black ink, appearing to read "Kevin Orvis", is written over the typed name.

Kevin Orvis
Little Blue NRD

SEE OTHER SIDE FOR IMPORTANT PERMIT RESTRICTIONS, RULES AND REGULATIONS!!!!

This form must be completed in full and be accompanied by a non-refundable \$50.00 filing fee payable to the Little Blue Natural Resources District. Forward this application and filing fee to:

Little Blue Natural Resources District
PO Box 100
Davenport, NE 68335
(402) 364-2145

Please take the time and fill out the information correctly. An incomplete or defective application will be returned by the District, with 60 days being allowed for resubmission. All permits shall be issued by the District with conditions attached or denied not later than 30 days after receipt of a complete and properly prepared application.

PERMIT RESTRICTIONS

1. Well permits are required **prior** to construction or a late fee of \$250.⁰⁰ will be assessed.
2. Permits are not required for test holes, temporary dewatering wells (less than 90 days), or wells designed to pump 50 gallons per minute or less.
3. Construction of the water well authorized by this permit must be completed not later than one year after the issuance date of this permit. If a stay on water well permits or a moratorium on well construction is issued prior to that one year date of expiration, the permit shall expire immediately upon the date of issuance of that stay or moratorium, unless construction of the well has been commenced prior to the issuance of that stay or moratorium.
4. Irrigation wells authorized by this permit may not be constructed closer than 1000 feet to any existing well having a capacity of 50 gallons per minute or more. This applies to all irrigation wells, even if registered to the same owner. Other permitted wells with spacing protection will be regulated by state statutes.
5. According to State law §46-637, water wells may not be drilled within 50 feet of a streambank without first getting a surface water right for that stream from the Department of Natural Resources.
6. Replacement wells **do** need a permit from the Little Blue NRD. A replacement well is one which replaces an abandoned water well that has been operated within the last three years, and is constructed to water the same tract of land as the abandoned water well. If the well is being replaced, it must be properly abandoned within according to state guidelines. A copy of these guidelines is available from the Little Blue NRD.

All new or replacement water wells constructed in the district are required to be sampled for nitrates upon completion.

- A. Municipalities which develop a new public water well shall submit a copy of that well's initial water quality test results to the district within 30 days of receipt of such results from the Department of Health and Human Services.
- B. The sample for all non-municipal wells shall be collected by the owner, operator or farm manager no sooner than 30 days, nor later than 60 days after activation of the well.
8. The Little Blue NRD requires that all new non-domestic water wells designed to pump 50 gallons per minute or more be constructed with 80 inches of free space in the pump discharge or piping configuration to accommodate a flow measurement device if required in the future.
9. Any person who commences or causes construction of such a well for which the required permit has not been obtained, or who knowingly furnishes false information regarding such permit, shall be guilty of Class IV misdemeanor, {§46-602.01}.
10. This permit **does not** register the well with the Department of Natural Resources. All wells are required to be registered with the State Department of Natural Resources within 30 days after the well is completed.
11. This permit does not supersede any Nebraska Department of Health and Human Services regulation; all rules found under Title 178-NAC-12 must also be followed during installation of this well.

If possible, mark the well site in the field with a flag.

Comments/Restrictions

5955 43
4466 853

APPLICATION FOR A PERMIT TO CONSTRUCT A WATER WELL IN THE LITTLE BLUE NATURAL RESOURCES DISTRICT

1. NAME: Michael J Walters & Richard A Walters
ADDRESS: 607 Swartzendruber Drive
Shickley, NE 68436
Phone No. (402) 759 - 1315

DWR & NRD Use Only
 Permit No. LBM A - 2693
 Reg. No. _____

2. PURPOSE OF WELL: (check one)

- | | | | |
|--|--|---|--|
| <input checked="" type="checkbox"/> Irrigation | <input type="checkbox"/> Industrial | <input type="checkbox"/> Dewatering (over 90 days) | <input type="checkbox"/> Aquaculture |
| <input type="checkbox"/> Domestic | <input type="checkbox"/> Geothermal | <input type="checkbox"/> Groundwater Source Heat Pump | <input type="checkbox"/> Ground Heat Exchanger |
| <input type="checkbox"/> Livestock | <input type="checkbox"/> Recovery | | <input type="checkbox"/> Public Water Supply |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Other (Specify) _____ | | |

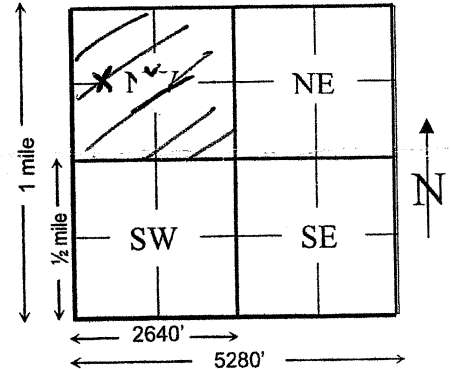
3. IDENTIFY THE LOCATION OF THE WELL:

Nuckolls County, Section (by quarter) NW 3
 Township 4 North Range 5 East or West

Well is 1,300 feet from the North South Section Line or Latitude _____ North
 and 1,000 feet from the East West Section Line or Longitude _____ West

The box at the right represents one square mile, (section). Indicate with an "X", the proposed location of the well, please highlight the proposed water-use area. **If water is to be used outside the above-written legal description, give legal description of water-use area below.**

Section (by quarter) _____ Township _____ North, Range _____ East/West



4. IRRIGATION WELLS:

How many acres will be irrigated? 150 Will flow meter be used on the well? _____
 Type of irrigation system? Center Pivot Gravity Other (specify) _____
 Will system be Electric Fuel Powered?
 Will the well be used in a system with other wells? Yes No? If yes, how Many? _____
 Will fertilizer, chemicals or animal waste be applied through the system Yes No?

5. REPLACEMENT AND ABANDONMENT WELL INFORMATION:

Is this a replacement well? Yes No
 Registration Number of well to be replaced: _____
 Well to be replaced was last operated on _____
 Replacement well is _____ feet from original well.
 Original well will be decommissioned approximately on _____ (must be within 180 days of completion of new well)
 Replacement well must water the same tract of land as the decommissioned well.

6. SPECIFICATIONS OF WELL AND PUMP:

Date when construction will begin: May, 2024
 Pump column diameter: 8 inches. Total well depth: 250 feet.
 Estimated pumping capacity: 1,000 gallons per minute. Well casing diameter 16 inches.

Please attach test hole log, if available. Name of Well Driller: Alfs Implement & Well Drilling Company # 39346

7. I certify that I am familiar with the information contained in this application and its restrictions, rules and land regulations; and that to the best of my knowledge and belief, such information is true, complete and accurate. I understand that if specific conditions are applied to this permit, a notice of encumbrance may be filed on the title of the land.

This form must be completed in full and be accompanied by a non-refundable \$50.00 filing fee payable to the Little Blue Natural Resources District.

5-10-24
 Date
5/10/24
 Date Approved

Michael Walters
 Signature of Applicant
[Signature]
 NRD Representative

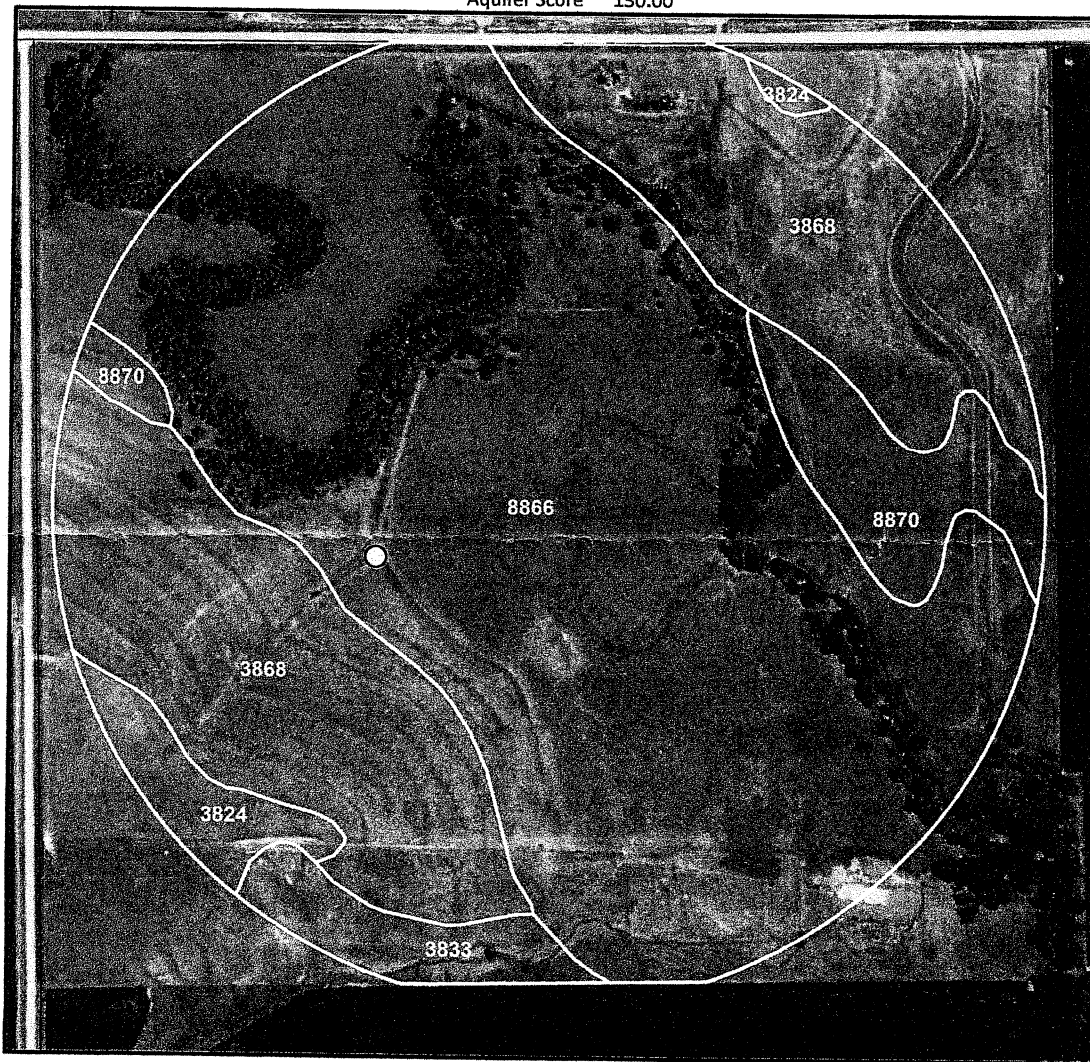
paid checks 11762 \$50

M Walters NW¼ 03-4N-05W

Soil

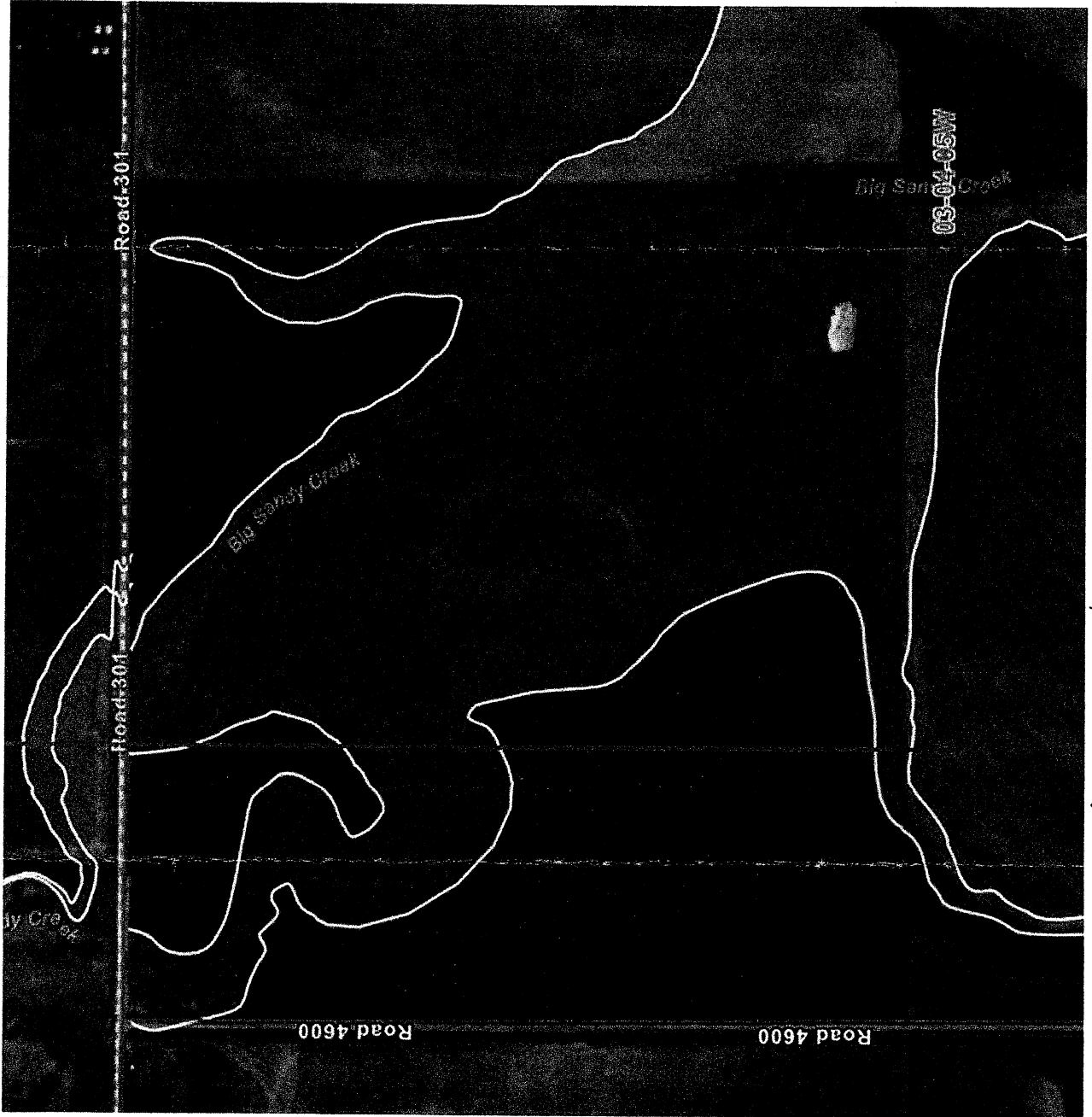
| Number | Soils Value | Acres | Field Value | |
|--------|-------------|-------------|-------------|---|
| 8870 | 91.37 | 6.51 | 594.79 | Hord silt loam, 0 to 1 percent slopes, warm |
| 8866 | 140.72 | 70.79 | 9961.24 | Hall silt loam, 0 to 1 percent slopes |
| 3824 | 138.89 | 6.25 | 868.06 | Crete silt loam, 0 to 1 percent slopes |
| 3833 | 23.75 | 3.4 | 80.74 | Geary-Uly complex, 11 to 30 percent slopes |
| 3868 | 42.70 | 32.93 | 1406.23 | Hastings silt loam, 3 to 7 percent slopes |
| Totals | | 119.88 | 12911.06 | |
| | | Field Score | 107.70 | |

| Parameter | Value | Points | Ranking | Score |
|---------------|---------|--------|---------|--------|
| T | 285528 | 100 | 99650 | 34.90 |
| Sy | 24.499 | 100 | 13.32 | 54.37 |
| Sat San | 223.594 | 100 | 89.31 | 39.94 |
| WL~ | -15.8 | 25 | -10.11 | -16.00 |
| Recharge | 15 | 25 | 10.07 | 16.78 |
| Aquifer Score | | | 130.00 | |



north

NW 03 4N-05W



DNR's floodplain for this quarter.
Well needs to be located out of the floodplain.
Reculation is the top of the casing is 1 foot above water.