# Kansas Department of Agriculture Division of Water Resources

## CHANGE: P/D WORKSHEET

| 1. File Number:   | 2. Status Change Date:                   | 3. Change Num:       | 4. Field Office:                              | 5. GMD:                           |
|---|--|----------------------|---|-----------------------------------|
| 29808   | 8-9-2021                                 | C4                   | 04  | 03                                |
| 6. Status:   Approved □ Deni                                      | ed by DWR/GMD                            | Dismiss by Reques    | t/Failure to Return                           | 7. Filing Date of Change:         |
|   |  | ,                    |   | 4/6/2021                          |
| 8a. LANDOWNER, applicant, WUC New to system □                     | Person ID <b>29893</b> Add Seq# <b>1</b> | 8c. Correspond       |   | Person IDAdd Seq#                 |
| BOB & KATHY HUSBAN<br>11565 E PLYMELL RD<br>PIERCEVILLE, KS 67868 | D  |                      |   |                                   |
| 8b. Landowner(s), New to system □                                 | Person IDAdd Seq#                        | 8d. correspor        |   | Person IDAdd Seq#                 |
| 9. Documents and Enclosure(s): X DV                               | /R Meter(s) Date to Compl                | y: <b>12/31/2021</b> | N & P Date to                                 | Comply: 3/1/2022                  |
| ☐ Anti-Reverse Meter ☐ Meter                                      | Seal                                     | ⊠ N & P Form         | ⊠ Water Tube ⊠ Dr                             | riller Copy                       |
| ☐ Conservation Plan Date Require                                  | ed: Dat                                  | te Approved:         | Date to                                       | Comply:                           |
| 10. Use Made of Water From:                                       |  | To: _                |   |                                   |
|   |  |                      | Date Prepared: <b>08/09/</b><br>Date Entered: | <b>2021</b> ву: <b>МАМ</b><br>Ву: |

| File No. <b>29893</b>    |  |            | 11. County | r: FI Basin: ARKANSAS RIVER |           |           |           |           |           | Stream:   |                    |           |           |           |           | Formation Code: 211 Special Use: |           |                |           |              |                  |      |               |  |
|--------------------------|--|------------|------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------|-----------|-----------|-----------|-----------|----------------------------------|-----------|----------------|-----------|--------------|------------------|------|---------------|--|
| 12. Points<br>CHK<br>MOD | of Diversion   | on         |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  | and Qu    | uantity<br>zed |           | Ac           | dditional        |      |               |  |
|                          | PDIV<br>Qualifier  |            | S          | Т                           | R         | ID        | í         | N         | ʻW        | ,         | Comment (AKA Line) |           |           | Rate      |           | Quantity<br>af                   |           | Rate<br>gpm    |           | antity<br>af | Overlap PD Files |      |               |  |
| ENT                      | SV   | VSESE      | 11         | 26 3                        | 1W        |           | 2         | 02        | 81        | 4         |                    |           |           |           |           | 900                              |           | 225            |           | 900          | 2                | 225  |               |  |
| DEL 88059                | 9  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           | H         |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
| 13. Storage              | 13. Storage: RateNF Quantityac/ft Additional RateNF Additional Quantityac/ft |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
| Limitat                  | ion:   |            | af/yr      | at                          |           |           |           | gpm (_    |           |           |                    | cfs) wh   | hen co    | mbine     | d with    | file nu                          | umber     | (s)            |           |              |                  |      |               |  |
| 15. 5YR AI               | llocation:   | Allocation | Туре       | _ Sta                       | rt Year   | -         |           | 5 YR      | Amou      | nt        |                    | Amo       | unt Ur    | nit       |           | Base                             | Acres     |                | _ Cd      | omment _     |                  |      |               |  |
| 16. Place<br>CHK         | of Use   |            |            | NE1/4                       |           |           | NW¹/₄     |           |           |           |                    | SW1/4     |           |           |           | SE1/4                            |           |                |           | Total        | Owner            | Chg? | Overlap Files |  |
| MOD<br>DEL<br>ENT PI     | JSE S  | T R        | ID         | NE<br>1/4                   | NW<br>1/4 | SW<br>1/4 | SE<br>1/4 | NE<br>1/4 | NW<br>1/4 | SW<br>1/4 | SE<br>1/4          | NE<br>1/4 | NW<br>1/4 | SW<br>1/4 | SE<br>1/4 | NE<br>1⁄4                        | NW<br>1/4 | SW<br>1/4      | SE<br>1/4 |              |                  |      |               |  |
| CHK 19                   |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
| CHK 39                   | 94   |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  | 1    |               |  |
|                          | ×.   |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
|                          |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
| Base Acre                |  | Year:      |            | Minimun                     | n Reaso   | onable    | Quar      | ntity:    |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |
| Johnnerit                |  |            |            |                             |           |           |           |           |           |           |                    |           |           |           |           |                                  |           |                |           |              |                  |      |               |  |

Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

August 9, 2021

BOB & KATHY HUSBAND 11565 E PLYMELL RD PIERCEVILLE, KS 67868

RE:

Water Right, File No. 29808

Dear Sir and Madam:

Enclosed is an order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to this enclosure and to the terms, conditions, and limitations specified in the approval for change. Conditions of the approval is that acceptable water flowmeter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original documents referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

Should you have any questions, please feel free to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM: enclosures

pc:

GMD3

#### CERTIFICATE OF SERVICE

On this 8<sup>th</sup> day of August 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 29,808 dated 8<sup>th</sup> day of April 2021 were mailed postage prepaid, first class, US mail to the following:

BOB & KATHY HUSBAND 11565 E PLYMELL RD PIERCEVILLE, KS 67868

With photocopies to:

GROUNDWATER MANAGEMENT DISTRICT NO. 3

Division of Water Resources Staff

Submit completed application to: Kansas Department of Agriculture Division of Water Resources Field Office for your area. Call for address:

Topeka -- (785) 296-5733 Stafford -- (620) 234-5311 Stockton -- (785) 425-6787 Garden City -- (620) 276-2901 http://agriculture.ks.gov/dwr

# DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



#### STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended. Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use

| of di   | version a           | and/or p  | lace of     | fuse.    |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|---|---------------------|-----------|-------------|----------|----------|---------------|----------|----------------|-------------------------------|--------|----------------------|--------|---------|---------|--------|---------|--------|-------------|-------------------|
|   |                     |           |             |          |          | F             | File No  | . 2980         | 18                            |        |                      |        |         |         |        |         | F      | 5           | CEIVED            |
|   |                     |           |             |          |          |               |          |                |                               |        | - Televis and the Co |        |         |         | . (1-) |         |        | APR         | <b>06</b> 2021    |
| 1.  | Applicati           | on is he  | ereby n     | nade fo  | or appi  |               |          |                | nginee                        |        |                      |        |         | ne or b | oth):  |         | Ga     | rden C      | City Field Office |
|   |                     |           |             |          |          |               | lace o   |                |                               |        | Point                |        |         |         |        |         | Divisi |             | Water Resources   |
|   | under the           | e water   | right v     | vhich is | s the s  | ubject        | of this  | applic         | ation i                       | n acco | rdance               | with t | the cor | ndition | s desc | ribed l | pelow. |             |                   |
|   | The sour            | rce of su | apply is    | s:       |          | $\boxtimes$ G | Ground   | water          |                               |        | Surfac               | e wat  | er      |         |        |         |        |             |                   |
| _   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
| 2. Name and address of Applicant: PRAIRIEWIND ASSETS LLC  4330 N 247TH ST ANDALE, KS 67001-9653 |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   | Phone N             |           |             |          |          |               |          |                | Email                         | addra  |                      | 6-1    | 2 100   | ake     | 2 F    | in C    | )00    | ~ ~ `       | le com            |
|   | Name ar             |           |             |          |          |               |          |                |                               |        | ss                   | 2011   | -VIV    | 2116    |        | Na      | -5     | TCC         | HE CON!           |
|   | ivallic al          | iu addire | 533 UI      | vvalci   | 036 0    | onesp         | onden    | it. <u>140</u> | OHA                           | OL     |                      |        |         |         |        |         |        |             |                   |
|   | Phone N             | lumber:   | (           | )        |          |               |          |                | Email                         | addre  | ss:                  |        |         |         |        |         |        |             |                   |
|   | The pres            |           |             | _        |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   | Owner of            | f Land -  | NA          | AME:     | NO CH    | HANGE         | Ε        |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   |                     | ,         | ADDRI       | ESS:     |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   | (If there is        | more th   | an one      | landov   | vner, at | tach su       | ppleme   | ental sh       | eets as                       | neces  | sary.)               |        |         |         |        |         |        |             |                   |
|   |                     |           |             | NE       | 1/4      |               |          | N۷             | N <sup>1</sup> / <sub>4</sub> |        |                      | SV     | V1/4    |         |        | SE      | 1/4    |             | TOTAL             |
| Sec   | . Twp.              | Range     | NE1/4       | NW1/4    | SW1/4    | SE1/4         | NE¼      | NW1/4          | SW1/4                         | SE1/4  | NE¼                  | NW1/4  | SW1/4   | SE1/4   | NE¼    | NW1/4   | SW1/4  | SE1/4       | ACRES             |
|   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   | If this ap Owner of | f Land -  | NA<br>ADDRI | AME:     | NO CH    | HANG          | <u> </u> |                |                               |        |                      | ace of | use be  | chan    | ged to |         |        |             |                   |
|   |                     |           |             | NE       | Ξ1/4     |               |          | N              | N <sup>1</sup> / <sub>4</sub> |        |                      | SV     | V1/4    |         |        | SE      | =1/4   |             | TOTAL             |
| Sec   | c. Twp.             | Range     | NE1/4       | NW1/4    | SW1/4    | SE1/4         | NE1/4    | NW1/4          | SW1/4                         | SE1/4  | NE1/4                | NW1/4  | SW1/4   | SE1/4   | NE1/4  | NW1/4   | SW1/4  | SE1/4       | ACRES             |
|   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   |                     |           |             |          |          |               | -        |                |                               |        |                      |        |         |         |        |         |        |             |                   |
|   |                     |           |             |          |          |               |          |                |                               |        |                      |        |         |         |        | -       |        |             |                   |
|   | For Offic           | ce Use    | Only:       | Code     |          | Fe            | e \$ 2   | 00.0           | 2_TR                          | #      |                      | Re     | eceipt  | Date _  | 1-6-   | 21      | Chec   | k# <u>2</u> | 0056              |

| 5.  | Presently authorized point of diversion:   |                   |  |                     |                   |
|-----|--|-------------------|--|---------------------|-------------------|
|     | One in the Quarter of the  | SE                | Quarter of the                                       | SE                  | Quarte            |
|     | of Section, Township   |                   |  |                     |                   |
|     | in FI County, Kansas, 1252   | feet North _      | 1234 feet West of S                                  | outheast corne      | r of section.     |
| - 1 | Authorized Rate Authorized Quantity _  |                   |  |                     |                   |
|     | (DWR use only: Computer ID No. 05 GPS  |                   |  |                     |                   |
| -1  | ☐This point will not be changed ☐This point will be changed  |                   |  |                     | •                 |
| 1   | Proposed point of diversion: (Complete only if change  | e is requeste     | d or if existing point is I                          | oetter describe     | ed by GPS)        |
|     | One in the Quarter of the  | SE                | Quarter of the                                       | SE                  | Quarte            |
|     | of Section, Township   | 26                | South, Range   | 31                  | W                 |
|     | in FI County, Kansas, 202  |                   |  |                     |                   |
|     | Proposed Rate Proposed Quantity  |                   |  |                     |                   |
|     | This point is: Additional Well Geo Center List oth   |                   |  |                     |                   |
|     |  |                   |  |                     |                   |
| 6.  | Presently authorized point of diversion:   |                   |  |                     |                   |
| 0.  | One in the Quarter of the  |                   | Quarter of the                                       |                     | Quarter           |
| - 1 | of Section, Township   |                   |  |                     |                   |
|     | in County, Kansas,   |                   |  |                     |                   |
|     | Authorized Rate Authorized Quantity _  |                   |  |                     |                   |
|     | (DWR use only: Computer ID No GPS  |                   |  |                     |                   |
|     | This point will not be changed This point will be changed  |                   |  |                     |                   |
|     |  |                   |  |                     |                   |
|     | Proposed point of diversion: (Complete only if change  |                   |  |                     |                   |
|     | One in the Quarter of the  |                   |  |                     |                   |
|     | of Section, Township   |                   |  |                     |                   |
|     | in County, Kansas,   |                   |  |                     |                   |
|     | Proposed Rate Proposed Quantity  |                   |  |                     |                   |
| L   | This point is: Additional Well Geo Center List of  | ner water righ    | its that will use this point -                       |                     |                   |
| 7.  | The changes herein are desired for the following reasons:  | 2                 |  |                     |                   |
| 1.  | (please be specific) (1)0// C//S/A9 1550/e5.   | •                 | North  |                     |                   |
|     | (please be specific) Well Casing Issues, Well formation, issues that   |                   | 200 100 0  |                     | 300               |
|     | limit pumping ability  | F                 |  |                     | 71113             |
| ^   |  | E                 |  | - /-                | =                 |
| 8.  | If a well, is the test hole log attached?   Yes   No   | 200               | -   4   +   =  | 1 + 1 + 1           | 200               |
| 9   | The change(s) (was)(will be) completed by?   | E                 |  |                     | \                 |
| 0.  | The shange(o) (was)(will be) completed by .  | E                 | / =  |                     | . 1               |
|     |  | 100               | F  | 1 + 1 +             | 100               |
| 10. | If the point of diversion is a well:   | #                 | ·  | -                   | <u> </u>          |
|     | (a) What are you going to do with the old well?  | West 0            | +dordanlandan <b>.</b>                               | podoudondo          | ı ı++∰ 0 East     |
|     | (a) What are you going to do with the old well:  | E                 |  |                     | ₫                 |
|     |  | A                 |  |                     | <i>I</i>          |
|     | (b) When will this be done? Within 90 Days   | 100               | 1 + 1 + 1 =  | 1 + 1 +             | 100               |
|     |  |                   | ·\ =   |                     | /=                |
| 11. | Groundwater Management District recommendation attached  | ? 200             | -1 + 1 =   | +   +/              | 200               |
|     | ☐ Yes ⊠ No   | E                 |  |                     | . 🗐               |
|     |  | E                 |  |                     | , ]               |
| 12. | Assisted by MM/DWR   | 300               | 200 100 0  | 100 200             | 300<br>TTTTT      |
| 120 | . If the proposed point of diversion will be relocated more than 3   |                   | South  | Scale: 1 hashma     |                   |
| ısa | feet but within 2,640 feet of the existing point of diversion, atta  | ch 13b. If the    | proposed point of diversion                          | n will be relocate  | ed within a 30    |
|     | a topographic map or aerial photograph. For groundwar  | ter <u>foot r</u> | adius of the existing point o                        | of diversion, indic | cate its location |
|     | sources, show all wells (including domestic) within one-half m<br>of the proposed point of diversion and the names and maili | na divers         | e diagram shown above in<br>sion. The proposed point | of diversion m      | existing point    |
|     | addresses of the owners. For surface water sources, show t   | he within         | the circle shown above.                              | (PLEASE NOTE        | E: The "X"        |
|     | names and addresses of the landowner(s) one-half m<br>downstream and one-half mile upstream from your prope                  |                   | er of diagram above<br>prized point of diversion.)   |                     | ne present        |
|     | property and one-han fine appaream from your proper  | , auuit           | point of diversion.)                                 |                     |                   |

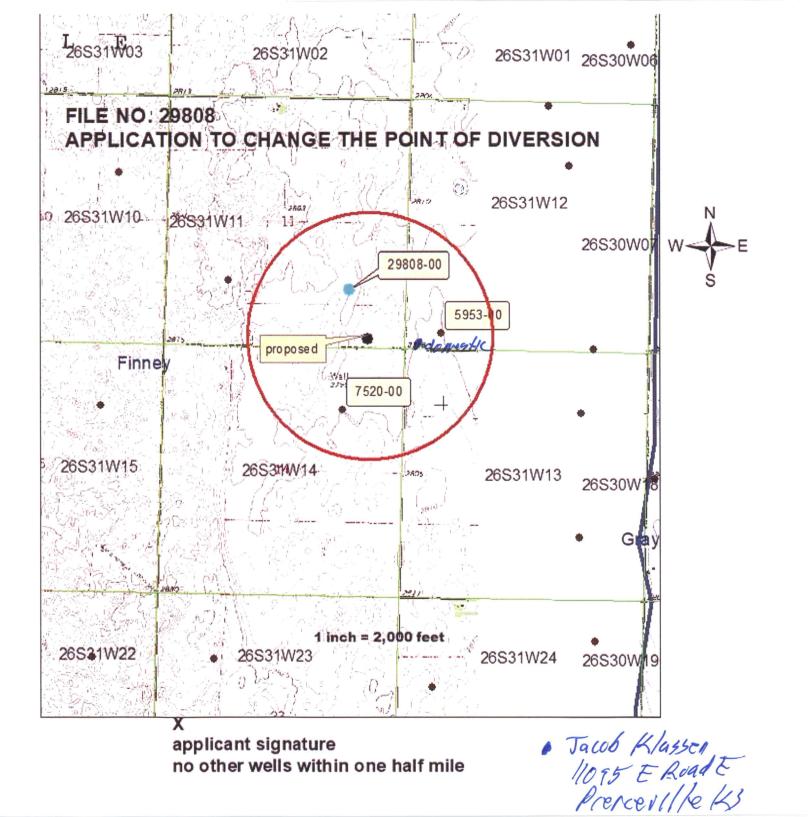
lines

| 14. If the proposed groundwater point of diversion is 300 or fewer feet for  | rom the existing point of diversion, complete the following:  |
|--|---|
| (a) Does the undersigned represent all owners of the currently auti  ☐ Yes ☐ No (If no, all owners must sign this app  |   |
| (b) Will the ownership interest of any owner of the currently author affected if this application is approved as requested?  ☐ Yes No (If yes, all owners must sign this applications)   |   |
| (c) If this application is not approved expeditiously, will there be su  X Yes ☐ No (If no, all owners must sign this appl   |   |
| If the application proposes a surface water change in point of diversion, or a change in place of use, the application must be signed by all owner agent (attach notarized statement authorizing representation).  |   |
| I hereby verify, being first duly sworn upon my oath or affirm<br>age and the owner, the spouse of the owner, or a duly autho<br>their behalf, in regards to the water right(s) to which this ap-<br>contained in this application are true, correct and complete. | rized agent of the owner(s) to make this application on opplication pertains. I further verify that the statements                                    |
| Dated at <u>H-2-21 ANDALE</u> , Kansas, this   | s <u>2</u> day of <u>4</u> , 20 <u>21</u> .   |
|  |   |
| Tracere wind Closets LLC   |   |
| Bolo Talusequel  | (Spouse)  |
| Prairiewing Assets LLC   | (Please Print)  |
| Bob Husband  | (Flease Fillit)   |
| (Owner)  | (Spouse)  |
|  |   |
| (Please Print)   | (Please Print)  |
| (Owner)  | (Spouse)  |
| (Please Print)   | (Please Print)  |
| State of Kansas ) SS   | DEANNA M. HELTEN  Notary Public - State of Kansas  My Appt. Expires   |
| County of  |   |
| I hereby certify that the foregoing application was signed in of $20$ .  | my presence and swom to before me this day  |
|  | Dearra & Jeffen   |
| My Commission Expires 14 18 7023.  | Notary Public   |
| ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, a accurate information; maps, if necessary, must be included; signatures of all the appropriate fee must be paid.  | Il of the applicable portions of the application form must be completed wit appropriate owners' must be affixed to the application and notarized; and |
| FEE SCHED  | ULE   |
| Each application to change the place of use or the point of diversion und  |   |
| forth in the schedule below: Make checks payable to: Kansas Departn (1) Application to change a point of diversion 300 feet or less. (2) Application to change a point of diversion more than 300 feet (3) Application to change the place of use                  | \$100<br>et\$200  |
|  |   |

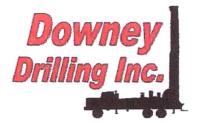
# SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

| prov<br>With | Summary Order is issued under authority of K.S.A. 82a-708 isions of the <i>Kansas Water Appropriation Law, K.S.A. 82a-7</i> the exception of those conditions expressly contained herein ations of File No. 29808  | 8b, as amended, and K.A.R. 5-5-1, <i>et seq.</i> and other applicable 701 et. seq., and rules and regulations promulgated thereunder, it, this Summary Order does not change the terms, conditions and   |
|--------------|--|--|
| 1.           | A change application was received on diversion authorized under the above-referenced file number   | requesting that the place of use and / or point of per be changed as described in the application.   |
| 2.           | On and after the effective date of this summary order, the auth the topographic map accompanying the application to char   | horized place(s) of use shall be located substantially as shown on nge the place of use.   Applicable  Not Applicable  |
| 3.           | The change in point of diversion shall not impair existing right previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion.   | ts and shall be limited to the same source or sources of water as y this summary order shall be located within a foot e Not Applicable   |
| 4.           | The point(s) of diversion described herein is administrative Positioning System (GPS), as described in the application.  | ly corrected to be more accurately described using the Global .   Applicable   Not Applicable  |
| 5.           | The point(s) of diversion authorized herein shall not actually be authorized point(s) of diversion.   Applicable Mo  | be located more than feet from the previously by Applicable  |
| 6.           | As required by K.A.R. 5-3-5d, if the works for diversion is a work or other device suitable for making water level measuremer K.A.R. 5-6-13. Applicable  Not Applicable  | ell with a diversion rate of 100 gallons per minute or more, a tube nts shall be installed, operated and maintained in accordance with   |
|              | December 31, 20 <a href="#">20 <a href="#">2 / <a href="#">,</a> or before the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 to the first use of water with the first use of water wi</a></a> | perly install an acceptable water flow meter on or before whichever occurs first. The water flow meter shall be installed, hrough 5-1-12. As required by K.S.A. 82a-732, as amended, and the reading of the water flow meter and the total quantity of water ng the end of each calendar year.   |
|              | Installation of the works for diversion of water shall be authorized extension of time. By March 1, 20 22 the a works for diversion has been completed, on the form providing Applicable Not Applicable  | completed on or before December 31, 20 ., or within any applicant shall notify the Chief Engineer that construction of the ded by the Chief Engineer, as required by K.A.R. 5-8-4e.  |
| 9.           | The completed well log shall be submitted with the requi   | red notice. 🖟 Applicable 🗌 Not Applicable  |
| 10.          | with an in-line, automatic, quick-closing check valve capab  | preign substance will be injected into the water shall be equipped ble of preventing pollution of the source of the water supply. The n accordance with K.A.R. 5-3-5c. Applicable Not Applicable   |
| 11.          | Additional Conditions are attached.   Yes  | ,  |
| 12.          | water appropriated under the above-referenced file numb-<br>limitations, as amended and/or supplemented by this Sum<br>Appropriation Law and the Rules and Regulations promul  | R. 5-5-14, all of the owners of the authorized place(s) of use of er are responsible for compliance with its terms, conditions and mary Order, and with applicable provisions of the <i>Kansas Water</i> lgated thereunder. Failure to comply with these provisions may ended, and/or the suspension or revocation and dismissal of the ns authorized by law.  |
| A            | Administrative Appeal and Effective Date of Order  | FOR OFFICE USE ONLY  |
| If yo        | u are aggrieved by this order, pursuant to K.S.A. 82a-1901,  | APPLICATION APPROVED AND SUMMARY ORDER ISSUED  |
| you          | may request an evidentiary hearing before the Chief ineer or request administrative review by the Secretary of   | SOMIMART ORDER 1350ED  |
| Agric        | culture. A request for hearing by the Chief Engineer must be   | By:  |
| adm          | within <b>15 days</b> of service of this Order and a request for inistrative review by the Secretary must be filed within <b>30</b>  | we delay I show a  |
| revie        | s pursuant to K.S.Á. 77-531. Any request for administrative ew must state a basis for review pursuant to K.S.A. 77-527.  | (Print Name):  |
| File :       | any request with Kansas Department of Agriculture,<br>al Division, 1320 Research Park Drive, Manhattan, KS   | Date of Issuance: August 9, 2021   |
| 6650         | 22. Failure to timely request a hearing or review may lude review under the Kansas Judicial Review Act.  | State of Kansas )  |
|              | For Use by Register of Deeds   | County of Jinney ) SS  |
|              |  | Acknowledged before me on August 9, 2021   |
|              |  | by Michael A. Meyer  |
|              |  | Signature:   |
|              |  | No ary Public  |
|              |  | My commission expires:    Motary Seal   Public   Notary Seal   Public   Notary Seal   Public   Notary Seal   Public   Public   Notary Seal   Public   Public |

File No. \_\_\_\_\_



(2006 Scaled :



CUSTOMER NAME: BOB HUSBAND TH#2

LEGAL: SE 1/4 11-26S-31W

COUNTY: FINNEY CO, KS

GPS: N 37.795545

W 100.672775

|    |      |     | LOGGER: DRILL                                    | ER: DIEGO         |               |              | WO:       | 21-016                     |
|----|------|-----|--|-------------------|---------------|--------------|-----------|----------------------------|
| TW | FROM | TO  | TYPE   | HARDNESS          | COLOR         | SPEED        | PULL DOWN | OTHER / DRILLING<br>ACTION |
|    | 0    | 6   | TOPSOIL  | SOFT              | DARK<br>BROWN | FAST         |           | SMOOTH                     |
|    | 6    | 23  | FINE SAND  | SOFT              | DARK<br>BROWN | FAST         |           | VIBRATION                  |
|    | 23   | 49  | FINE, MED, COARSE SAND                           | SOFT              | TAN           | FAST         |           | FAST CHATTER               |
|    | 49   | 78  | FINE, MED, COARSE SAND W/ FINE, MED GRAVEL       | SOFT              | RED           | FAST         |           | CHATTER                    |
|    | 78   | 90  | FINE, MED SAND                                   | SOFT              | TAN           | FAST         |           | FAST CHATTER               |
|    | 90   | 101 | FINE, MED, COARSE SAND W/ SMALL LENSE SANDY CLAY | SOFT              | BROWN         | FAST         |           | CHOPPY & SMOOTH            |
|    | 101  | 110 | FINE, MED GRAVEL                                 | SOFT              | RED           | FAST         |           | CHATTER                    |
|    | 110  | 121 | FINE, MED, COARSE GRAVEL                         | SOFT              | RED           | FAST         |           | CHATTER                    |
|    | 121  | 127 | SAND, SANDY CLAY                                 | SOFT              | TAN           | FAST         |           | SMOOTH                     |
|    | 127  | 133 | FINE SAND W/ SANDY CLAY                          | SOFT              | TAN           | FAST         |           | VIBRATION &<br>SMOOTH      |
|    | 133  | 154 | COARSE SAND, FINE GRAVEL                         | SOFT              | RED           | FAST         |           | FAST CHATTER               |
|    | 154  | 157 | FINE, MED SAND W/ SANDY CLAY                     | FIRM              | TAN           | FAST         |           | CHOPPY & SMOOTH            |
|    | 157  | 168 | COARSE SAND, FINE GRAVEL, TR.CEMENTED SAND       | SOFT              | TAN, RED      | FAST         |           | CHATTER                    |
|    | 168  | 173 | FINE, MED, COARSE SAND W/ SANDY CLAY             | SOFT              | TAN           | FAST         |           | CHATTER - IN & OUT         |
|    | 173  | 180 | COARSE SAND, TR. FINE-GRAVEL                     | SOFT              | TAN, RED      | FAST         | T 152     | CHATTER                    |
|    | 180  | 201 | SANDY CLAY, WIFEW SAND LENSES                    | SOFT /<br>STIFFER | BROWN         | FAST         |           | SMOOTH                     |
|    | 201  | 219 | MED SAND, TR. COARSE                             | SOFT              | TAN           | FAST         |           | CHATTER                    |
|    | 219  | 222 | SANDY CLAY                                       | SOFT              | TAN           | FAST         |           | SMOOTH                     |
| _  | 222  | 246 | MED - COARSE SAND, TR. FINE GRAVEL               | SOFT              | TAN           | FAST         |           | FAST CHATTER               |
|    | 246  | 266 | BR. ROCK W/ SANDSTONE & LIME ROCK                | STIFF             | BROWN         | FAST         |           | FAST CHATTER               |
|    | 266  | 273 | WEATHERED SHALE / CLAY                           | SOFT              | YELLOW        | SEM!<br>SLOW |           | <b>SMOOTH</b>              |
|    | 273  | 300 | SHALE  | SOFT              | BLUE          | SLOW         |           | SMOOTH                     |
|    |      |     |  |                   |               |              |           |                            |
|    |      |     | QUIKGEL - 7                                      |                   |               |              |           |                            |
|    |      |     | WATER LOADS - 1                                  |                   |               |              |           |                            |
|    |      |     | SODA ASH - 1/4                                   |                   |               |              | -         |                            |
|    |      |     | EZ MUD - 1/4                                     |                   |               |              |           |                            |
|    |      |     | HOLEPLUG - 2                                     |                   |               |              |           |                            |
|    |      |     | CS-1   |                   |               |              |           |                            |
|    |      |     |  |                   |               |              |           |                            |
|    |      |     |  |                   |               | -            |           |                            |
|    |      |     |  |                   |               |              |           |                            |
|    |      |     |  |                   |               |              |           |                            |
|    |      |     |  |                   |               |              |           |                            |
|    |      |     |  |                   |               |              |           |                            |
|    |      |     |  |                   |               |              |           |                            |





**BOB HUSBAND** 

COMPANY

: DOWNEY DRILLING INC

WELL

: BOB HUSBAN

LOCATION/FIELD

COUNTY : FINNEY

LOCATION

: SE 1/4

SECTION

: 11

TOWNSHIP

: 268

OTHER SERVICES:

RANGE: 31W

DATE

: 03/29/2

PERMANENT DATUM : GL

KB

DEPTH DRILLER LOG BOTTOM

: 300 : 298.7

LOG MEASURED FROM: GL

DF

LOG TOP

BIT SIZE

: 0.3

DRL MEASURED FROM: GL

GL

CASING DIAMETER: 10.

CASING TYPE

LOGGING UNIT FIELD OFFICE

: DDI

CASING THICKNESS:

RECORDED BY

: MASON

: 1903

FILE : ORIGINA

: 6.25

RM

: MUD

MAGNETIC DECL. : 0

TYPE : 8144A

MATRIX DENSITY : 2.71

RM TEMPERATURE :

**BOREHOLE FLUID** 

LGDATE: 03/29/21

NEUTRON MATRIX : LIMESTON

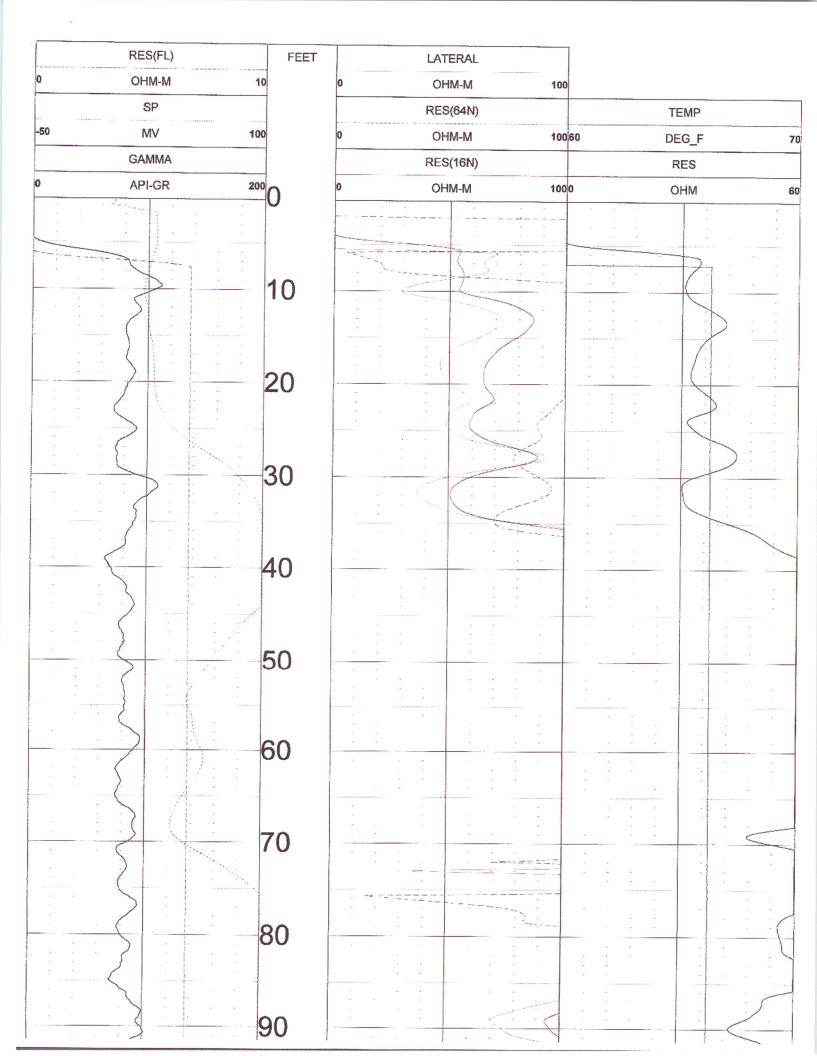
MATRIX DELTA T : 49

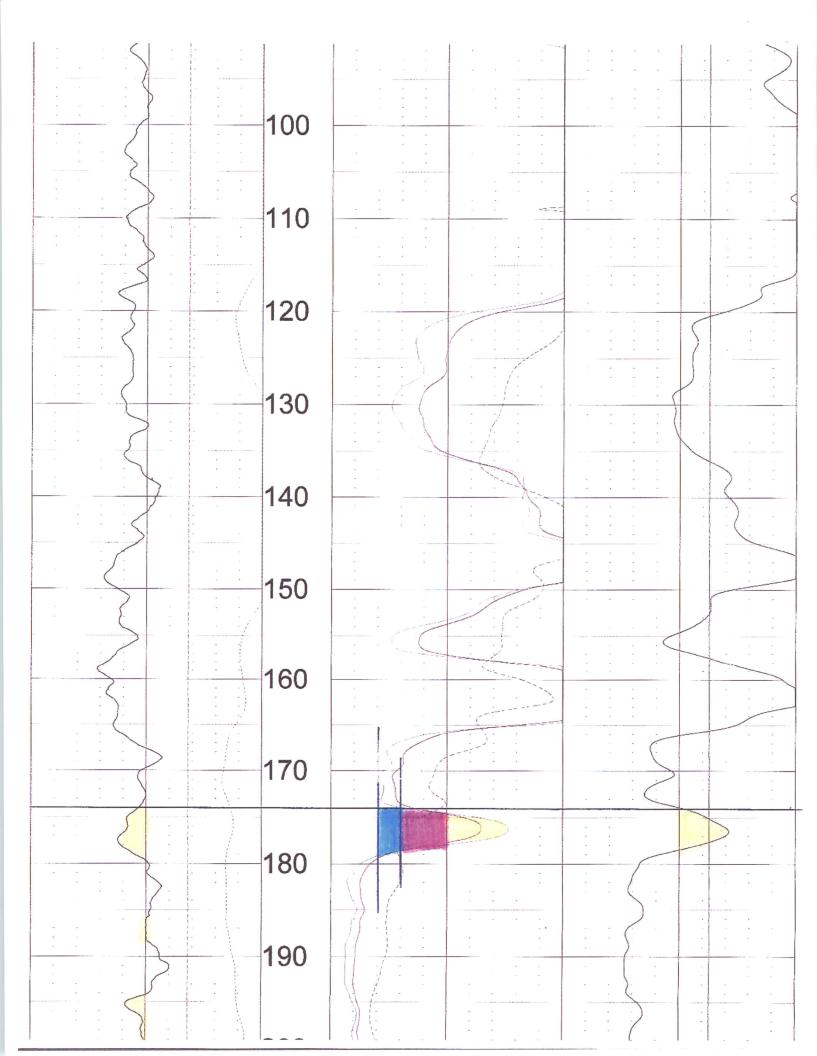
LGTIME: 13:10:

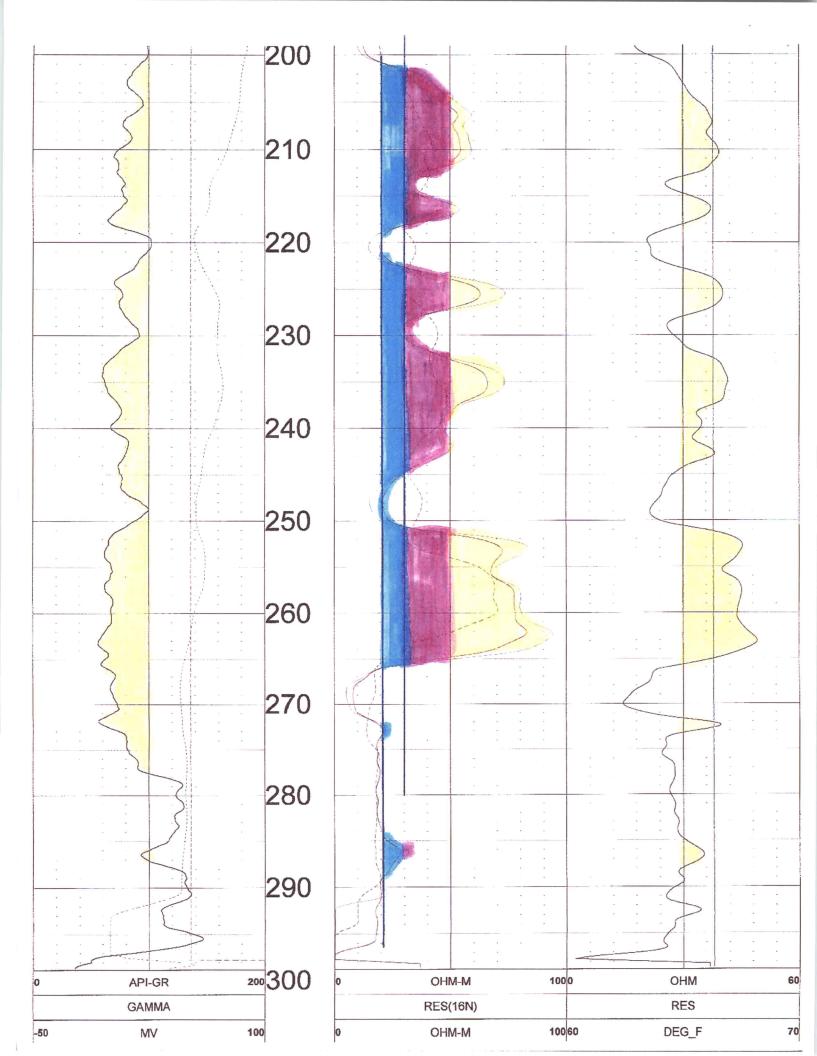
THRESH: 99999

N 37.79554 W -101.67277

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS







|   | SP      |      | RES(6 | 4N)    | TEMP |
|---|---------|------|-------|--------|------|
| 0 | ОНМ-М   | О    | 0 ОНМ | -M 100 |      |
|   | RES(FL) | FEET | LATER | RAL    |      |

# KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

#### <u>MEMORANDUM</u>

TO: Files

DATE: August 9, 2021

FROM:

Michael A. Meyer

Garden City Field Office

RE: Change in Point

of Diversion Application,

Water Right, File No. 29808

A proposed field office change in point of diversion application was received in the office April 6, 2021 that met well spacing rules after initial review. Nearby well letters were sent both by DWR and GMD3, there was no response. GMD3 conducted well evaluation effects and found "critical" wells that would exceed the net effect above their maximum allowable threshold based on the GMD3 model data. To mitigate effects and remove the "critical wells" criteria as documented by GMD3, GMD3 proposed to limit the rate of diversion and annual authorized quantity for the above referenced water right. With this concern of potential effects documented by GMD3 and their recommendation of limiting the water right for approval of the application for a favorable recommendation, DWR ran their analysis of 20% reduction of saturated thickness over the next 50 years by using theis and more realistic aquifer properties and found that the water right would need to be further reduced with the concern of effects in the area noted by GMD3. This analysis and conclusions were discussed verbally with Mr. Husband, and he responded with a letter to the Chief Engineer dated May 19, 2021. The Chief responded with a letter dated May 28, 2021. The result of the options for Mr. Husband were to accept the reductions proposed by DWR, amend the application, redrill within 300' of the current point of diversion, or potential consideration of seeking consents from all nearby landowners to waive impairment in the future of their priority. Mr. Husband provided consent agreements by all landowners received in this office dated August 5, 2021.

The consent agreements were reviewed by Chief Legal Council Kenneth Titus, and result of his conversation with Attorney Mike Ramsey (attorney for Mr. Husband and author of the consent agreements), it was concluded that DWR could accept this consent agreements as they stated that the changes do not cause an unreasonable raising or lowering of the water table or impairment, and when the orders go final after appeal period, then they are final, but still do not bind the chief engineer to follow up on future impairment complaints if such would arise.

Therefore, the applications meet all rules, the application provide information by all parties that it is reasonable, made in proper form, made in good faith, and does not appear to impair existing water rights. The consent agreements will be part of the water right record, but not a condition of the approval, but should be noted in the future for reference.

Michael A. Meyer Water Commissioner

4-9-202/ DWR Field

|         | INPUTS      |           |           |      |
|---------|-------------|-----------|-----------|------|
|         | Longitude   | Latitude  |           |      |
| Point 1 | -100.672820 | 37.795530 | test hole |      |
| Point 2 | -100.667300 | 37.796010 |           | 5953 |

Degrees Longitude per Foot3.46058217E-06Degrees Latitude per Foot2.74618885E-06

Distance Between Points (ft) 1605

**Compute Distance Between Points** 

#### Instructions

1. Enter Longitudes and Latitudes of the two points (both must be in the same datum, NAD27 or NAD83).

2. Click "Compute Distance Between Points" button.

4-29-2021 PWR Freld

|         | Longitude   | Latitude  |           |
|---------|-------------|-----------|-----------|
| Point 1 | -100.672820 | 37.795530 | test hole |
| Point 2 | -100.674580 | 37.791340 |           |

Degrees Longitude per Foot3.46047327E-06Degrees Latitude per Foot2.74618995E-06

Distance Between Points (ft) 1608

**Compute Distance Between Points** 

#### Instructions

1. Enter Longitudes and Latitudes of the two points (both must be in the same datum, NAD27 or NAD83).

7520

2. Click "Compute Distance Between Points" button.

|         | Longitude   | Latitude  |                |
|---------|-------------|-----------|----------------|
| Point 1 | -100.672820 | 37.795530 | test hole =+/- |
| Point 2 | -100.674230 | 37.798390 | 2:             |

Degrees Longitude per Foot Degrees Latitude per Foot 3.46063768E-06 2.74618829E-06

**Distance Between Points (ft)** 1118

Compute Distance Between Points

#### Instructions

- Enter Longitudes and Latitudes of the two points (both must be in the same datum, NAD27 or NAD83).
   Click "Compute Distance Between Points" button.

# Meyer, Mike [KDA]

From: Meyer, Mike [KDA]

Sent: Wednesday, April 7, 2021 7:42 AM

**To:** 'Norquest, Jason (Norquest@gmd3.org)' **Subject:** request for recommendation, File No. 29808

**Attachments:** 20210407073050303.pdf

### god morning jason

find attached the application to change the point of diversion file by bob husband. please review and provide a recommendation within 15 days.

thank you and have a great day

Mike

Garden City Field Office 4532 W. Jones, Suite B Garden City, KS 67846



Phone: 620-276-2901 Fax: 620-276-9315 www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

April 7, 2021

SOUTHWEST KANSAS GROUNDWATER MANAGEMENT DISTRICT NO. 3 2009 E SPRUCE ST GARDEN CITY KS 67846

Re: Water Right, File No. 29808

Dear Mr. Norquest:

This is to advise you that Prairiewind Assets LLC, has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion.

We are delaying action on the change applications to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

Thank you and as always feel free to contact this office at any time.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM Enclosures

# CONSENT TO CHANGE OF POINT OF DIVERSION AND WAIVER OF SPACING AND IMPAIRMENT

In the Matter of the Application to Change the Authorized Point of Diversion of Appropriation Water Right File No. 29,808

Prairie Wind Assets, LLC (referred to as "Prairie Wind Assets"), is the owner the following described real estate in Finney County, Kansas, to-wit:

The Southwest Quarter (SW¼) of Section Twelve (12), Township Twenty-six (26) South, Range Thirty-one (31) West of the 6<sup>th</sup> P.M., except a tract described as commencing at the Southwest Corner of said Section Twelve (12) as the place of beginning, thence Northerly along the West section line a distance of Two Hundred Sixty-five feet (265'), thence Easterly on a line parallel with the South section line a distance of Eight Hundred Feet (800'), thence Southerly on a line parallel with the West section line of a distance of Two Hundred Sixty-five feet (265') to the South line of said Section Twelve (12), thence Westerly on the South section line to the point of beginning,

on which is there is located an irrigation water well that provides water for irrigation uses on the above-described tract of land and other lands. The irrigation water well is authorized under appropriation water right 5,953, with a priority date of 4 September 1956. The location of the well is 356 feet north and 4,583 feet west of the southeast corner of Section 12-T26S-31W, according the information reported on Kansas Geological Survey's WIMAS database ("PWA's East Well").

Prairie Wind Assets also owns an irrigation well that is the authorized point of diversion for water right file no. 29,808, currently located approximately 1,252 feet north and 1,234 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Existing Well"). Water right file no. 29,808 has a priority date of 6 May 1977. Water Right File No. 29,808 is authorized to pump 225 acre-feet per year for irrigation use.

Prairie Wind Assets has filed an application to change the location of PWA's Existing Well to a new location that is approximately 202 feet north and 814 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Replacement Well").

#### WAIVER OF SPACING BETWEEN PWA'S EAST WELL AND PWA'S WELL:

The location of PWA's Existing Well is approximately 2,091 feet, more or less, from PWA's East Well. Spacing between wells is governed by Southwest Kansas Groundwater Management District regulation, K.A.R. 5-23-3, which requires a minimum spacing of 1,600 feet between PWA's East Well and PWA's Replacement Well. Based on the location for PWA's East Well as reported on WIMAS, the location of PWA's Replacement Well will be approximately 1,478 feet, more or less, from PWA's East Well, which less than the minimum spacing requirement by approximately 122 feet. However, based on recent field measurements, Prairie Wind has determined there is more than 1,600 feet separating PWA's East Well and PWA's

Replacement Well. Nevertheless, Prairie Wind Assets consents to an administrative waiver, pursuant to K.A.R. 5-10-4, of the spacing regulation, K.A.R. 5-23-3, in order that the application to change the authorized point of diversion under Water Right File No. 29,808 to PWA's Replacement Well may be approved.

#### CONSENT TO CHANGE OF WELL LOCATION AND WAIVER OF IMPAIRMENT:

Based on the best available information, Prairie Wind believes that it has adequately demonstrated that the proposed change is reasonable and will not cause an unreasonable raising or lowering of the static groundwater level or otherwise impair the operation of PWA's East Well as set forth in this agreement.

Pumping from of PWA's Existing Well has not caused a noticeable reduction in the pumping rate of PWA's East Well, when both PWA's Existing Well and PWA's East Well are operating at the same time.

Prairie Wind Assets does not object to the relocation of PWA's Existing Well to the proposed location of PWA's Replacement Well. Prairie Wind Assets consents to the approval of the application to change the authorized point of diversion under Water Right File No. 29,808 to the location of PWA's Replacement Well.

Prairie Wind Assets waives all future claims of direct well-to-well impairment that may result from the lawful pumping of PWA's Replacement Well.

This consent and waiver by Prairie Wind Assets applies only to the location of PWA's Replacement Well. This consent and waiver is binding on Prairie Wind Assets and its successors and assigns, and it will be a covenant running with the title to Water Right File No. 5,953 and title to Water Right File No. 29,808.

Prairie Wind Assets, LLC, by:

Bob Husband, Managing Member

STATE OF KANSAS, COUNTY OF

This instrument was acknowledged before me on August 2021 by Bob Husband,

as Managing Member of Prairie Wind Assets, LLC.

Notary Public

My Appointment Expires:

# CONSENT TO CHANGE OF POINT OF DIVERSION AND WAIVER OF IMPAIRMENT

In the Matter of the Application to Change the Authorized Point of Diversion of Appropriation Water Right File No. 29,808

Prairie Wind Assets, LLC (referred to as "Prairie Wind Assets"), is the owner the following described real estate in Finney County, Kansas, to-wit:

The Southwest Quarter (SW½) of Section Eleven (11), Township Twenty-six (26) South, Range Thirty-one (31) West of the 6<sup>th</sup> P.M.,

on which is there is located an irrigation water well that provides water for irrigation uses on the above-described tract of land and other lands. The irrigation water well is authorized under appropriation water right 29,807, with a priority date of 6 May 1977 and is located approximately 1,420 feet north and 3,960 feet west of the southeast corner of Section 11-T26S-31W ("PWA's West Well").

Prairie Wind Assets also owns an irrigation well that is the authorized point of diversion for water right file no. 29,808, currently located approximately 1,252 feet north and 1,234 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Existing Well"). Water right file no. 29,808 has a priority date of 6 May 1977. Water Right File No. 29,808 is authorized to pump 225 acre-feet per year for irrigation use.

Prairie Wind Assets has filed an application to change the location of PWA's Existing Well to a new location that is approximately 202 feet north and 814 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Replacement Well").

#### SEPARATION DISTANCE BETWEEN PWA'S WEST WELL AND PWA'S WELL:

The location of PWA's Existing Well is approximately 2,731 feet, more or less, from PWA's West Well. Spacing between wells is governed by Southwest Kansas Groundwater Management District regulation, K.A.R. 5-23-3, which requires a minimum spacing of 1,600 feet between PWA's West Well and PWA's Replacement Well. The location of PWA's Replacement Well will be approximately 3,374 feet, more or less, from PWA's West Well, which exceeds the minimum spacing requirement by approximately 1,774 feet.

#### CONSENT TO CHANGE OF WELL LOCATION AND WAIVER OF IMPAIRMENT:

Based on the best available information, Prairie Wind believes that it has adequately demonstrated that the proposed change is reasonable and will not cause an unreasonable raising

or lowering of the static groundwater level or otherwise impair the operation of PWA's West Well as set forth in this agreement.

Pumping from of PWA's Existing Well has not caused a noticeable reduction in the pumping rate of PWA's West Well, when both PWA's Existing Well and PWA's West Well are operating at the same time.

Prairie Wind Assets does not object to the relocation of PWA's Existing Well to the proposed location of PWA's Replacement Well. Prairie Wind Assets consents to the approval of the application to change the authorized point of diversion under Water Right File No. 29,808 to the location of PWA's Replacement Well.

Prairie Wind Assets waives all future claims of direct well-to-well impairment that may result from the lawful pumping of PWA's Replacement Well.

This consent and waiver by Prairie Wind Assets applies only to the location of PWA's Replacement Well. This consent and waiver is binding on Prairie Wind Assets and its successors and assigns, and it will be a covenant running with the title to Water Right File No. 29,807 and title to Water Right File No. 29,808.

Prairie Wind Assets, LLC, by:

Bob Husband, Managing Member

STATE OF KANSAS, COUNTY OF

This instrument was acknowledged before me on 5 August 2021 by Bob Husband, as Managing Member of Prairie Wind Assets, LLC.

Notary Public

ROXIE M. SPERRY
Notary Public - State of Kansas

My Appt. Expires 12.9. 21

My Appointment Expires: 129-2(

# CONSENT TO CHANGE OF POINT OF DIVERSION AND WAIVER OF IMPAIRMENT

In the Matter of the Application to Change the Authorized Point of Diversion of Appropriation Water Right File No. 29,808

We, Jacob Klassen and Maria Klassen, husband and wife, (referred to as "Klassen") are the owners the following described real estate in Finney County, Kansas, to-wit:

A tract of land located in the Southwest Quarter (SW¼) of Section Twelve (12), Township Twenty-six (26) South, Range Thirty-one (31) West of the 6<sup>th</sup> P.M., described as follows:

Commencing at the Southwest Corner of said Section Twelve (12) as the place of beginning, thence Northerly along the West section line a distance of Two Hundred Sixty-five feet (265'), thence Easterly on a line parallel with the South section line a distance of Eight Hundred Feet (800'), thence Southerly on a line parallel with the West section line of a distance of Two Hundred Sixty-five feet (265') to the South line of said Section Twelve (12), thence Westerly on the South section line to the point of beginning,

on which is there is located a domestic water well that provides water for domestic uses on the above-described tract of land. The domestic water well was constructed in October 2017 and is located approximately 121 feet north and 4,859 feet west of the southeast corner of Section 12- T26S-31W ("Klassen's Well").

Prairie Wind Assets, LLC ("Prairie Wind Assets") is the owner of an irrigation well that is the authorized point of diversion for water right file no. 29,808, currently located approximately 1,252 feet north and 1,234 feet west of the southeast corner of Section 11-T26S 31W ("PWA's Existing Well"). Water right file no. 29,808 has a priority date of 6 May 1977. Water Right File No. 29,808 is authorized to pump 225 acre-feet per year for irrigation use.

Prairie Wind Assets has filed an application to change the location of PWA's Existing Well to a new location that is approximately 202 feet north and 814 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Replacement Well").

#### SEPARATION DISTANCE BETWEEN KLASSEN'S WELL AND PWA'S WELL:

The location of PWA's Existing Well is approximately 1,970 feet, more or less, from Klassen's Well. Spacing between wells is governed by Southwest Kansas Groundwater Management District regulation, K.A.R. 5-23-3, which requires a minimum spacing of 660 feet between Klassen's Well and PWA's Replacement Well.

The location of PWA's Replacement
Well will be approximately 1,196 feet, more or less, from Klassen's Well, which

exceeds the minimum spacing requirement by approximately 536 feet.

#### CONSENT TO CHANGE OF WELL LOCATION AND WAIVER OF IMPAIRMENT:

Based on the best available information, Klassen believes that PWA has adequately demonstrated that the proposed change is reasonable and will not cause an unreasonable raising or lowering of the static groundwater level or otherwise impair the operation of Klassen's well as set forth in this agreement.

Pumping from of PWA's Existing Well has not caused a noticeable reduction in the pumping rate of Klassen's Well, when both PWA's Existing Well and Klassen's Well are operating at the same time.

Klassen does not object to the relocation of PWA's Existing Well to the proposed location of PWA's Replacement Well. Klassen consents to the approval of Prairie Wind Asset's application to change the authorized point of diversion under Water Right File No. 29,808 to the location of PWA's Replacement Well.

Klassen waives all future claims of direct well-to-well impairment that may result from the lawful pumping of PWA's Replacement Well.

This consent and waiver by Klassen applies only to the location of PWA's Replacement Well. This consent and waiver is binding on Klassen and their successors and assigns, and it will be a covenant running with the title to Klassen's land described above and title to Water Right File No. 29,808.

Maria Wany Jacob Klassen Maria Klassen

STATE OF KANSAS, COUNTY OF FINNEY, ss:

This instrument was acknowledged before me on \_\_\_\_ August 2021 by Jacob Klassen and Maria Klassen, husband and wife.

**Notary Public** 

My Appointment Expires: 129.21

ROXIE M. SPERRY

Notary Public - State of Kansas

My Appt. Expires 2.4.2

#### CONSENT TO CHANGE OF POINT OF DIVERSION AND WAIVER OF IMPAIRMENT

In the Matter of the Application to Change the Authorized Point of Diversion of Appropriation Water Right File No. 29,808

Elizabeth J. Hutton, as Trustee of the Hutton Trust dated 20 October 1994 (referred to as "Hutton Trust"), is the owner the following described real estate in Finney County, Kansas, towit:

The East Half (E½) of Section Fourteen (14), Township Twenty-six (26) South, Range Thirty-one (31) West of the 6<sup>th</sup> P.M.,

on which is there is located an irrigation water well that provides water for irrigation uses on the above-described tract of land. The irrigation water well is authorized under appropriation water right 7,520, with a priority date of 16 July 1957 and is located approximately 3,900 feet north and 1,540 feet west of the southeast corner of Section 14-T26S-31W ("Hutton Trust's Well").

Prairie Wind Assets, LLC ("Prairie Wind Assets") is the owner of an irrigation well that is the authorized point of diversion for water right file no. 29,808, currently located approximately 1,252 feet north and 1,234 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Existing Well"). Water right file no. 29,808 has a priority date of 6 May 1977. Water Right File No. 29,808 is authorized to pump 225 acre-feet per year for irrigation use.

Prairie Wind Assets has filed an application to change the location of PWA's Existing Well to a new location that is approximately 202 feet north and 814 feet west of the southeast corner of Section 11-T26S-31W ("PWA's Replacement Well").

#### SEPARATION DISTANCE BETWEEN HUTTON TRUST'S WELL AND PWA'S WELL:

The location of PWA's Existing Well is approximately 2,706 feet, more or less, from Hutton Trust's Well. Spacing between wells is governed by Southwest Kansas Groundwater Management District regulation, K.A.R. 5-23-3, which requires a minimum spacing of 1,600 feet between Hutton Trust's Well and PWA's Replacement Well. The location of PWA's Replacement Well will be approximately 1,792 feet, more or less, from Hutton Trust's Well, which exceeds the minimum spacing requirement by approximately 192 feet.

#### CONSENT TO CHANGE OF WELL LOCATION AND WAIVER OF IMPAIRMENT:

Pumping from of PWA's Existing Well has not caused a noticeable reduction in the pumping rate of Hutton Trust's Well, when both PWA's Existing Well and Hutton Trust's Well are operating at the same time.

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JUL 2 1 2021

Garden City Field Office Division of Water Resources Hutton Trust does not object to the relocation of PWA's Existing Well to the proposed location of PWA's Replacement Well. Hutton Trust consents to the approval of Prairie Wind Asset's application to change the authorized point of diversion under Water Right File No. 29,808 to the location of PWA's Replacement Well.

Hutton Trust waives all future claims of direct well-to-well impairment that may result from the lawful pumping of PWA's Replacement Well.

This consent and waiver by Hutton Trust applies only to the location of PWA's Replacement Well. This consent and waiver is binding on Hutton Trust and its successors and assigns, and it will be a covenant running with the title to Water Right File No. 7,520 and title to Water Right File No. 29,808.

| HUTTON TRUST DATED 20 OCTOBER 1994, by:  | :   |                      |
|--|---|----------------------|
| ELIZABETH J. HUTTON, TRUSTEE             |   |                      |
| STATE OF CALIFORNIA, COUNTY OF INYO, ss: | 5   |                      |
| On July 2021 before me,                  | onally known to me (or proved<br>e name is subscribed to the wit<br>d the same in her authorized ca | thin<br>apacity, and |
| Witness my hand and official seal.       | T. R. CORE<br>COMM. # 2213053   | J-Mc                 |
| Notary Public                            | INYO COUNTY COMM. EXPIRES OCT. 3, 292   | A 0<br>1.1           |

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

May 28, 2021

Bob Husband 11565 E. Plymell Rd Pierceville, KS 67868

Dear Mr. Husband,

Thank you for sharing information with me and my staff as we continue to evaluate your pending application to change your authorized point of diversion (well) under File No. 29,808.

As you noted, your pending application meets the well spacing requirements as defined by the applicable rule and regulation (K.A.R. 5-23-3) which applies to relocating a well authorized by a water right. The Kansas Water Appropriation Act in K.S.A. 82a-708b states that any owner of a water right may change the point of diversion provided such owner "demonstrate to the chief engineer that any proposed change is reasonable and will not impair existing rights." As you are not proposing a change in the use of water or operation, the proposed change would be considered reasonable. However, the question of whether the change will impair other users must still be considered.

It is often inferred that the demonstration of impairment is taken care of within the spacing rules. While the rules provide guidance, we know the Ogallala continues to decline and those spacing rules alone may not be adequate to protect against unreasonable lowering causing impacts to existing wells by changes to water rights. Such as moving a well closer to other existing wells as appears to be proposed by your specific application.

I do agree that most of the public believe that if proposals such as this meet well spacing, the notification letters to neighbors may have the implication that they are protected from impairment. Or as you put it, they are not worried about impairment if they do not respond. However, the requirement in 82a-708b is the demonstration that other existing rights won't be impaired, not that those owners are not worried about impairment.

The Southwest Kansas Groundwater Management District No. 3 (GMD3) has implemented well to well evaluations and provided that information to applicants and owners of nearby existing wells for review regarding moving forward with the proposed change. They provide this information to us as well in the form of a recommendation for us to consider. We are not obligated to adhere to the recommendation but do review it along with other data when making a final decision.

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This information specific to this application caused us to review similar data and analysis as we would normally do when there are concerns of well to well impacts expressed that may exceed the reasonable raising or lowering of the aquifer. With our analysis, we find that we cannot move forward with further processing of the application, as proposed, as it does not meet the intent of the statute. The information shows that there may be unreasonable aquifer lowering at nearby wells and potential future impairment. Without additional information which demonstrates that the change will not impair existing rights, we cannot move forward with the application without modifications to the proposal that would limit effects to existing wells and potential future impairment. I believe that the Garden City Field Office Water Commissioner Mike Meyer has already talked with you about the option to reduce the authorized rate to around 250 gallons per minute as a potential modification.

If the nearby existing well owners would like to support your proposal and waive any claim to future impairment that this well may cause, that could be considered. It would need to be in the form of legal agreements between you and owners of the others wells which would be binding on successive owners.

You will receive additional information from staff that indicates that unless additional information is provided, we will dismiss the application for failure to meet the statute referenced above and provide you additional time to respond if needed.

Sincerely,

Earl D. Lewis, Jr. PE

Chief Engineer

With reference to my application to drill a replacement irrigation well on my land I would like to share with you some facts of present conditions on my farm and supply you with current and factual information concerning the proposed new application.

I am the owner of the farm that is applying for this permit and have owned and operated this farm with center pivot irrigation for the past 50 years. When a new favorable location for this new well was decided upon we made sure that all spacing from other wells were met. This was checked and double checked prior to drilling our test hole. With this rule being met I felt that we would have a green light to drill our replacement well.

I was not aware of a new rule that has been adopted in the past 2 years that allows GMD3 to evaluate my replacement well and based on their policies (either factual or theory) have the power to make a recommendation to the State office prior to issuing my permit to drill my replacement well. However, I want to focus on the issue of impairment because this is the subject of priority.

- 1. All well owners were sent letters notifying them of my intentions to redrill. Not one owner responded with any disapproval
- 2. In 2016 I drilled a replacement well which is file # 8975. This was a relocation within the 300 ft. rule. This well is located within 4,300 ft. of my proposed new well at file #29,808 and also has a house well located within 500 ft. With 4 years of pumping I have had no complaint issues from neighboring well owners.
- 3. GMD3 points out that my new well location is close enough to a residence home well to raise concern. I would like to point out that this residence home owner drilled his well within 300 ft. of my irrigation well file #5953 and drilled it to a depth of 30 ft. above shale. Unsure about the reason for this but it demonstrates that the land owner was not worried about impairment plus he has not issued any complaints concerning impairment.

I strongly urge you to NOT consider the GMD3 recommendation and only consider the facts that I have supplied to your office within this letter because these are the facts that represent the current situation as it exists. I feel that GMD3 is discriminating against me as an individual with their recommendation and that I am not being fairly considered is this permit application by their office.

Therefore, I ask that I be issued a permit to drill my replacement well with all allocation and pumping rates be given as stated within my existing permit.

Bob Husband 620 272-7266



#### Theis analysis of change in point of diversion, File No. 29,808

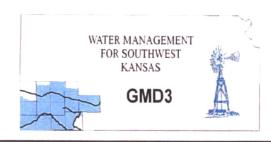
A fifty-year Theis analysis was used to evaluate the potential impacts of a change in point of diversion, File No. 29,808. The change proposes relocating one well approximately 1,100 feet south-southeast of its current location. The average projected 2066 transmissivity (2,283 ft²/day) and average saturated thickness (45 feet) from the GMD No. 3 groundwater model for Sections 11, 12, 13, and 14, Township 26 South, Range 31 West were used. The specific storage was assumed to be 10<sup>-5</sup>, which resulted in an assumed storage coefficient of 0.00045. Maximum drawdown at File No. 7,520 under the proposed pumping scenario was compared to the average pumping over the past ten years (102 acre-feet) at the current location at the recent pumping rate of 100 gallons per minute. With these assumptions the drawdown at File No. 7,520 increases by 31.6 feet, which is 70.1% of the projected saturated thickness (Table 1). If the proposed pump rate is reduced to 237 gallons per minute the net drawdown increases by 9.0 feet, or 19.9% of the projected saturated thickness (Table 2).

**Table 1:** Theis analysis of drawdown at File No. 7,520;  $T = 2,283 \text{ ft}^2/\text{day}$ ; S = 0.00045

|   | Distance                                | Quantity                                |            | Drawdown | Drawdown |
|---|---|---|------------|----------|----------|
| Scenario                                | (Feet)                                  | (Acre-Feet)                             | Rate (GPM) | (Feet)   | (%ST)    |
| Proposed                                | 1,616                                   | 225                                     | 900        | 37.3     | 82.9%    |
| Baseline                                | 2,580                                   | 102                                     | 100        | 5.7      | 12.8%    |
| *************************************** | *************************************** | *************************************** | Net:       | 31.6     | 70.1%    |

Table 2: Theis analysis of drawdown at File No. 7,520; T = 2,283 ft<sup>2</sup>/day; S = 0.00045

|          | , n      |             |            |          | D 1      |
|----------|----------|-------------|------------|----------|----------|
|          | Distance | Quantity    |            | Drawdown | Drawdown |
| Scenario | (Feet)   | (Acre-Feet) | Rate (GPM) | (Feet)   | (%ST)    |
| Proposed | 1,616    | 225         | 237        | 14.7     | 32.7%    |
| Baseline | 2,580    | 102         | 100        | 5.7      | 12.8%    |
|          |          |             | Net:       | 9.0      | 19.9%    |



## Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street Garden City, Kansas 67846

(620) 275-7147 phone (620) 275-1431 fax www.gmd3.org

May 3, 2021

Michael A. Meyer Division of Water Resources 4532 W Jones Ave., Suite B Garden City, Kansas 67846

RE:

Applications for Change in Point of Diversion

Water Right, File No. 29808

Dear Mike:

We have completed a review of the application for the above referenced water right. The proposed change in points of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

Well evaluations were conducted again to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, which states an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (2.0-2.5 ft in cases where saturated thickness is between 75-100 ft or 100-125ft respectively), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed multiple neighboring wells exceeded the net effect above the maximum allowable threshold and required further evaluations. The main effects of the new proposed well would be to other wells owned/operated by the applicant, but the biggest effects would be to a domestic well in the SW of 12-26-31, not owned by the applicant. The analysis shows that if the proposed well was limited to an authorization of 179AF and a rate of 500gpm, it would mitigate the critical effects on the neighboring wells, specifically the domestic well. Since the biggest effects were on the domestic well, defining how to mitigate the effects to it would also benefit the irrigation wells owned by the applicant that were also affected. Our office did not receive any responses from the neighbor notices that were sent out. Discussion with the applicant did not indicate his desire to be limited and believes that his local area has actually seen a slight increase in saturated thickness. Therefore, GMD3 sees this move as reasonable and would recommend that the application be approved with the limitation of 179AF at 500gpm on the new well. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

MAY 11 2021

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,
Jason L. Norquest
Assistant Manager



## Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street Garden City, Kansas 67846

(620) 275-7147 phone (620) 275-1431 fax www.gmd3.org

May 3, 2021

Michael A. Meyer Division of Water Resources 4532 W Jones Ave., Suite B Garden City, Kansas 67846

RE:

Applications for Change in Point of Diversion

Water Right, File No. 29808

Dear Mike:

We have completed a review of the application for the above referenced water right. The proposed change in points of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

Well evaluations were conducted again to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, which states an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (2.0-2.5 ft in cases where saturated thickness is between 75-100 ft or 100-125ft respectively), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed multiple neighboring wells exceeded the net effect above the maximum allowable threshold and required further evaluations. The main effects of the new proposed well would be to another well owned/operated by the applicant and a domestic well in the SW of 12-26-31. The analysis shows that if that well was limited to an authorization of 179AF and a rate of 900gpm, the neighboring wells would no longer be considered critical. Our office did not receive any responses from the neighbor notices that were sent out. Discussion with the applicant did not indicate his desire to be limited. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved with the limitation on the new well. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest Assistant Manager RECEIVED

MAY 0 3 2021

Working Water Conservation Every Day Since 1976

Garden City Field Office Division of Water Resources

# **GMD3** Change Review

File No(s).: 29808. DWR office: <u>GC</u>.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Prairiewind Assets LLC.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? \_\_\_.

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) <u>05</u> being changed.

|               | ft. North | ft. West |                       |
|---------------|-----------|----------|-----------------------|
| Authorized PD | 1252      | 1234     | Sect 11-26-31         |
| Proposed PD   | 202       | 814      |                       |
| Difference    | 1050 s    | 420 e    |                       |
| a2 + b2 = c2  | 1102500   | 176400   | 1130.885 foot move SE |

GPS for proposed PD: Lat: <u>37.795545</u> Long: <u>-100.672775</u>.

Is proposed PD stacking on existing WRs? NO.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: \_\_\_.

Name Ival Eugene Nally % Butch Nally (21259).

Address 19602 1 RD.

Zip Pierceville, KS 67868.

Email: ival@ucom.net. Phone: 620-335-5275.

Name Rundell Land & Cattle LLC.

Address PO Box 486.

Zip Garden City, KS 67846.

Email: gregrundell@hotmail.com. Phone: 620-260-6368.

Domestic well(s) notified: \_\_\_.

Name Floyd & Moleta Cronin (NC N 11-26-31).

Address PO Box 394.

Zip Garden City, KS 67846.

Name Jacob M Klassen (SW SW 12-26-31).

Address 11095 E Road E. Zip Pierceville, KS 67868.

Name Abraham & Agatha Teichroed (SW SE 12-26-31).

Address <u>11685 E Road E</u>. Zip <u>Pierceville, KS 67868</u>

# **GMD3** Change Review

| Base Acres:       |  |
|-------------------|--|
| Perfected Acres:  |  |
| Irr. Return-Flow% |  |

Currently authorized: 225AF @ 900gpm Recent WUR (2011-2020): 101.9AF/year avg.

200gpm reported on 2015 WUR GMD3 inspection showed 92gpm.

Proposed well appears to be going to a depth around 300'.

Is a waiver needed: Move is less than half mile. Spacing may not be met to 5953, which is another well of the applicant's. DWR confirmed we are good with spacing. Call with applicant was not receptive to the limitation of 179AF @ 500gpm.

Recommendation: After review of all available in formation, current area rules are met. Low saturated thickness for area made effects guidelines low. Would need to limit the well to 179AF @ 500gpm. The worst effect is on a domestic well in the SW corner of section 12. Noted that domestic already has an irrigation well very close that could be effecting them too. This well would be additional effects. Staff would recommend approval with the application, limiting the new well.

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MAY 03 2021

Garden City Field Office Division of Water Resources



TO: Governing Body/File 29808

FROM: Jason Norquest

THROUGH: Mark E. Rude, Executive Director

DATE: April 9, 2021

RE: MP recommendation, Proposed: Limit new well to 179AF @ 500gpm.

- 1) Why is this change needed? Lose of production in the old well
- 2) What is the current production from the well? (rate) Less than 200gpm
- What can you tell me about current well? (depth, age, etc) Depth of wells are similar
- 4) Do you have a future plan for another change? (whether it be this WR or another possibly) At this time, this would be the only change is the well will produce
- 5) What is your plan for the current well that you are moving from? (explain options to cap/plug, could it be a monitoring well) Explained the need to properly plug/cap the old well. Current old well is open. DWR also has told him that he needs to properly take care of the old well.
- 6) What do you hope to get from the new well as far as production? (This will give us a chance to work with the applicant for the analysis) Bob said he is hoping for 5-600gpm, prefers the 600gpm
- 7) What rate do you plan to operate the new well? (what is current pivot package, will that be changed, does it run more than one pivot, does one or more wells go to same system) Prefers 600gpm, but will run the well most he can
- 8) Has there been any conversation with neighbors? Have there been any effects form past moves, yours or in the area? We show big effects to one other certified well that is owned by the applicant. There is also a domestic well he is moving closer to that would see critical effects. Bod didn't think that should be an issue since he sold that person the land for the homesite.
- 9) Explain the well to well analysis and our process, make sure to have the best contact information we did go over our analysis. He doesn't believe it to be accurate. Stated that he has seen one of his nearby wells come up 8' in the last five years, according to measurements taken by Downey Drilling. He also stated that he believes we need to shut off the ditches upstream to help out the downstream areas like his. Our analysis shows he would have to be limited to 179AF @ 500gpm to mitigate critical wells in the area.

10) Make sure we have best contact information if needed!!

Bob Husband: 272-7266 balemaker50@gmail.com

Bob also stated that our office prevented him from redrill this water right around 2008. Driller was on site when he got the letter saying he could not drill the well. Ended by saying we are 20 days into a 60 day window for him to drill and for us to proceed and see what happens.

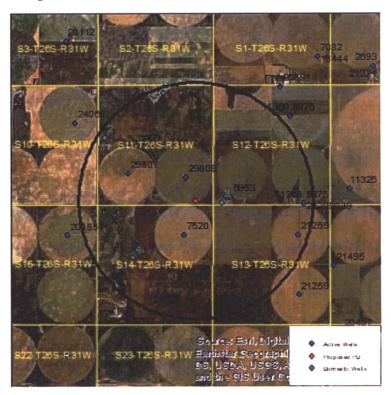
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MAY **03** 2021

Garden City Field Office Division of Water Resources

#### Evaluation of proposed move for Water Right No. 29808

Proposed: Move water right no. 29808 to a new well location a distance of 1,131 ft to the southeast.



Wells within 1 mile: 29807, 5953, 8975 & 11369, 7520, 21259, and 4 domestic wells, numbered on the above map.

The saturated thickness at the proposed well location is estimated to be 77 ft, based upon the driller's log and nearby observation wells. For saturated thickness between 75 ft and 100 ft, the drawdown allowance is 2.0 ft. Some nearby wells have over 100 ft of saturated thickness and their drawdown allowance is 2.5 ft.

50 year Theis Analysis: The following values were used to run the analysis:

S = 0.1897, T = 3369.2 ft<sup>2</sup>/day,  $tp_{current} = 251$  days (based upon average use and observed rate),  $Q_{current} = 92$  gpm (based upon 2020 field inspection),  $tp_{proposed} = 57$  days,  $Q_{proposed} = 900$  gpm

Theis drawdowns were calculated as follows:

29807: Drawdown from current location = 1.40 ft

Drawdown from proposed location = 2.87 ft

Net drawdown = 1.5 ft

5953:

Drawdown from current location = 1.53 ft

Drawdown from proposed location = 4.86 ft

Net drawdown = 3.3 ft

8975 & 11369:

Drawdown from current location = 0.94 ft

Drawdown from proposed location = 2.24 ft

Net drawdown = 2.2 ft

7520:

Drawdown from current location = 1.41 ft

Drawdown from proposed location = 4.78 ft

Net drawdown = 3.4 ft

21259:

Drawdown from current location = 0.91 ft

Drawdown from proposed location = 2.24 ft

Net drawdown = 1.3 ft

Domestic 1:

Drawdown from current location = 1.13 ft

Drawdown from proposed location = 2.20ft

Net drawdown = 1.1 ft

Domestic 2:

Drawdown from current location = 1.11 ft

Drawdown from proposed location = 2.22 ft

Net drawdown = 1.1 ft

Domestic 3:

Drawdown from current location = 1.61 ft

Drawdown from proposed location = 6.18 ft

Net drawdown = 4.6 ft

Domestic 4:

Drawdown from current location = 1.07 ft

Drawdown from proposed location = 2.62 ft

Net drawdown = 1.5 ft

Net drawdown exceeds the drawdown allowance for the wells operated under water right nos. 5953 and 7520. Both wells are owned and operated by the applicant, so critical well analysis was not performed on them. The drawdown allowance of 2.5 ft (saturated thickness is 102 ft at well location) for Domestic 3 is exceeded and this well is not owned by the applicant. Critical well analysis was performed, and the results are as follows.



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Garden City Field Office Division of Water Resources

#### **Critical Well Evaluation:**

#### Domestic 3:

Water Column = 102 ft

DP = 4.6 ft (Net drawdown from the proposal indicated above)

DE = 44.5 ft (Water level decline from 2021 through 2046 based upon GMD3 model)

DT = 49.1 ft

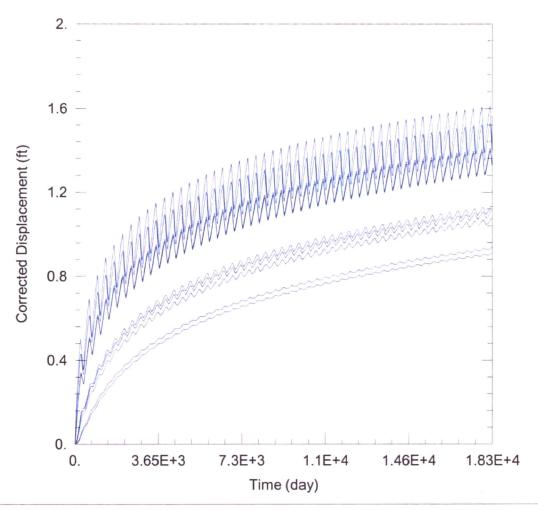
Economic Drawdown Constraint (EDC) = 0.4 \* 102 ft = 40.8 ft

Physical Drawdown Constraint (PDC) = 102 ft - 20 ft = 82 ft

Total drawdown of 49.1 ft is greater than the EDC, so this well is critical.

#### Conclusion:

The proposed move is located in an area with depleted aquifer and if the new well is operated at the proposed rate and quantity, it is likely to create noticeable effects on neighboring critical wells. GMD3 staff recommends a rate limitation of 500 gpm and a quantity limitation of 179 AF at the proposed new well location. This rate and quantity would reduce the net effect on the neighboring critical domestic well to 2.5 ft.



#### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021 Moves\29808\29808 Current.agt

Date: 04/15/21 Time: 16:56:57

#### PROJECT INFORMATION

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Company: GMD 3 Project: 29808

Location: Finney County

Test Well: 29808

MAY 03 2021

Garden City Field Office Division of Water Resources

Y(ft)

#### **WELL DATA**

**Pumping Wells** Well Name X (ft) Y (ft) 29808 36180 336260

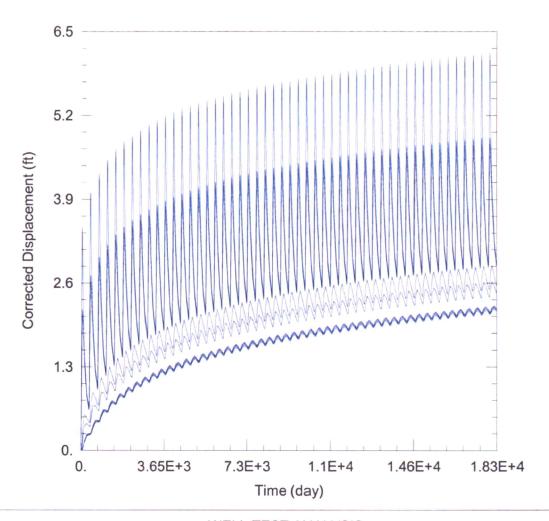
| Well Name    | X (ft) |
|--------------|--------|
| D            | 36180  |
| <b>29807</b> | 33559  |
|              | 22121  |

|                              | 36180 | 336260 |
|------------------------------|-------|--------|
| <b>29807</b>                 | 33559 | 336421 |
| - 5953                       | 38184 | 335371 |
| B975 & 11369                 | 41450 | 335077 |
| <b>7520</b>                  | 36077 | 333682 |
| · 21259                      | 41221 | 333686 |
| Domestic 1                   | 35170 | 340029 |
| Domestic 2                   | 32537 | 338021 |
| <ul><li>Domestic 3</li></ul> | 37782 | 335132 |
| <ul><li>Domestic 4</li></ul> | 33802 | 332676 |

**Observation Wells** 

#### SOLUTION

Califica Mashadi. Thata



#### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021\_Moves\29808\29808 Proposed.aqt

Date: 04/15/21 Time: 16:57:12

#### PROJECT INFORMATION

Company: GMD 3 Project: 29808

Location: Finney County Test Well: 29808

#### WELL DATA

| P         | umping Wells |        |
|-----------|--------------|--------|
| Well Name | X (ft)       | Y (ft) |
| 29808     | 36602        | 335211 |

| Observation Wells                  |        |        |  |
|------------------------------------|--------|--------|--|
| Well Name                          | X (ft) | Y (ft) |  |
|                                    | 36602  | 335211 |  |
| <b>29807</b>                       | 33559  | 336421 |  |
| □ <b>5953</b>                      | 38184  | 335371 |  |
| <ul><li>8975 &amp; 11369</li></ul> | 41450  | 335077 |  |
| <sup>-</sup> 7520                  | 36077  | 333682 |  |
| <b>21259</b>                       | 41221  | 333686 |  |
| <ul><li>Domestic 1</li></ul>       | 35170  | 340029 |  |
| <ul><li>Domestic 2</li></ul>       | 32537  | 338021 |  |
| <ul><li>Domestic 3</li></ul>       | 37782  | 335132 |  |
| <ul><li>Domestic 4</li></ul>       | 33802  | 332676 |  |

#### SOLUTION

Californ Mashaul, Their

Report Date: Thursday, April 8 2021

Water Rights and Points of Diversion Within 1 mile of point defined as: 202 Feet N and 814 Feet W of the Southeast Corner of Section 11 Twp 26S Rng 31W Located at: 100.672776 West Longitude and 37.795546 North Latitude Both SURFACE WATER and GROUNDWATER

```
File Number
          Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp Rng ID Batt Auth Quan Add Quan
Unit
A
     5953 00 IRR NK G
                      1475 -- SE SW SW
                                    356 4583 12 26 31W 5
                                                            , 188.00
                                                                    188.00
 AF
                                                          160) 146.00 146.00
                      1814 - NE SW NE 3900 1540 14 26 31W 2
A
     7520 00 IRR NK G
 AF
                     4849 - SW SE SE
A_
     8975 00 IRR NK G
                                     92 1203 12 26 31W
                                                            .360.00
                                                                    360.00
                                                          1400
 AF
                     4849 ∠- SW SE SE
    11369 00 IRR NK G
                                     92 1203 12
                                                                      .00
                                              26 31W
                                                            360.00
 AF
                     4960 -- -- NC NE 3960 1320 13 26 31W 1
                                                          140306.00
A___
    21259 00 IRR NK G
                                                                   306.00
 AF
                                                            1 225.00
                     3383 -- -- NC SW 1420 3960 11 26 31W 2
    29807 00 IRR NK G
                                                                    225.00
 AF
                                                          1600 225.00
    29808 00 IRR NK G* 1131 -- NW SE SE 1252 1234 11 26 31W 5
                                                                    225.00
 AF
                      4849 4- SW SE SE
T 20209039 00 IRR AY G
                                     92 1203 12
                                                             360.00
                                                                      .00
 AF
Total Net Quantities Authorized: Direct
                                     Storage
                                       .00
                           .00
                                        .00
                           .00
                                        .00
                         .00
                                        .00
```

Total Requested Amount (AF) = .00 Total Permitted Amount (AF) = Total Inspected Amount (AF) = Total Pro Cert Amount (AF) = Total Certified Amount (AF) = 1450.00 .00 Total Vested Amount (AF) = .00 1450.00 (AF) = .00

An \* after the source of supply indicates a pending application for change under the file number.

An \* after the ID indicates a 15 AF exemption was granted under the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1 mile of point defined as: 202 Feet North and 814 Feet West of the Southeast Corner of Section 11 Twp 26S Rng 31W Located at: 100.672776 West Longitude and 37.795546 North Latitude Both SURFACE WATER and GROUNDWATER WATER USE CORRESPONDENTS:

```
File Number Use ST SR
> BOB & KATHY HUSBAND
                       5953
> 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
> BOB HUSBAND
 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
> BOB HUSBAND
> 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
>-----
   RUNDELL LAND & CATTLE LLC
  PO BOX 486
```

RECFIVED

MAY 03 2021

Garden City Field Office Division of Water Resources

```
> GARDEN CITY KS 67846
>-----
> BOB HUSBAND
> 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
  RUNDELL LAND & CATTLE LLC
> PO BOX 486
> GARDEN CITY KS 67846
> IVAL EUGENE NALLY
> BUTCH NALLY
                     21259
  19602 1 RD
> PIERCEVILLE KS 67868
> BOB & KATHY HUSBAND
> 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
> BOB & KATHY HUSBAND
> 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
> BOB HUSBAND
> 11565 E PLYMELL RD
> PIERCEVILLE KS 67868
>-----
```