

Application For A Permit to Construct A Water Well In The Middle Republican Natural Resources District Ground Water Management Area

1. Name and Address of Land Owner:

Lill Hansen
38224 S Darnell Rd
Wellfleet, NE 69170

DNR & NRD USE ONLY

Received Date 12-28-2022
Permit No. MR-241019
Reg. No. _____
CE ☒ CM ☒ SO ☐

2. Purpose of Well (indicate one):

☒ Irrigation ☐ Public Water Supply ☐ Industrial ☐ Other _____ (Specify type)
Amount of water to be pumped, if other than irrigation use _____ acre feet / gals (select one)

3. Identify the Location of the Proposed Well:

Lincoln County, Section 21
Township 10 North, Range 30 West

The box at the right represents one square mile, (section). Indicate with an "X", the proposed location of the well. If the well is to be used for irrigation, outline lands to be irrigated.

The well will be located _____ feet from the (North/South) section line, and _____ feet from the (East/West) section line.

How many acres will be irrigated? 126.1

Type of irrigation system. Center Pivot ☒, Gravity ☐, Other (specify) _____

Will Fertilizer or Chemicals be applied through the proposed system ☐ Yes ☐ No?

Will System be ☐ Electric ☐ Fuel, powered?

Will the well be used in a system with other wells ☐ Yes ☒ No? How many _____

Distance from nearest well _____ Type of well _____

Have you checked county zoning requirements for well location ☐ Yes ☐ No?

NWNW	NENW	NWNE	NENE
SWNW	SENW	SWNE	SENE
NWSW	NESW	NWSE	NESE
SWSW	SESW	SWSE	SESE
1320'			
	2640'		
		5280'	

Tract #
3340

4. Replacement and Abandonment Well Information: (see reverse)

- A. Is this a replacement well? ☐ Yes ☒ No
B. Registration number of abandoned well: G-000415
C. Well to be replaced was last operated _____
D. Replacement well is _____ feet from abandoned well.
E. Original well pump column size: _____ inches.
F. Decommissioning to be completed on _____
G. Acres irrigated by well to be replaced. _____
H. Acres Certified for well to be replaced. _____
I. Is a flow meter installed on well to be replaced ☐ Yes ☐ No? N/A

5. Specifications of Intended Well and Pump:

Approximate date when construction will begin: _____, 20____
Pump column diameter: _____ inches. Estimated total well depth _____ feet.
Estimated pumping capacity: _____ gallons per minute. Well casing diameter: _____ inches.
Expected well log, if known. (Please provide a copy of test drilling report, if available)

6. I certify that I am familiar with the information contained in this application, and that to the best of my Knowledge and belief such information is true, complete and accurate.

Date 3-4-2024

Signature of applicant Lill A. Hansen

Date Approved 2-28-2024

NRD Representative Stacey McQueen

SEE OTHER SIDE FOR IMPORTANT RULES AND REGULATIONS!!

Stacie Owens

From: Stacie Owens
Sent: Monday, March 4, 2024 9:16 AM
To: DNR GROUNDWATER
Subject: Well Permit
Attachments: MX-4140N_20240304_075736.pdf

Let me know if you have any questions. Have a great week!

Best Wishes,

Stacie M. Owens

Stacie M. Owens
Middle Republican NRD
Curtis, NE 69025
308-367-4281

EXPLANATION FOR REQUEST FOR VARIANCE
of the Rules and Regulations of the
Middle Republican Natural Resources District
GROUND WATER MANAGEMENT AREA

VARIANCE

Date received: 12/28/2022

Request #: MR-241015

For District use only

Name Jill A Hansen

Address 38224 S DARNELL RD

City, State, Zip Wolf Lake, NE 68170

Phone 308 963 4460

I hereby request a variance of Rule Number _____

Reason for requesting variance:

Improve watering efficiency

Adjacent Landowners:

Jill A Hansen

Print Name

Jill A Hansen

Signature

12/30/2022

date

You are encouraged to attach any relevant information or maps to this request.

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**Application for VARIANCE REQUEST within the  
MIDDLE REPUBLICAN NATURAL RESOURCES DISTRICT**

**1. NAME AND ADDRESS OF APPLICANT:**

Name: Jill A Hansen  
Address: 38224 S Darnell Rd  
City: Wellfleet State: NE Zip: 69170  
Phone #: 308 963 4460 Cell #: 308 362 4527

(Additional property owner names & addresses may be attached)

**NRD USE ONLY:**

Date received: 12/28/2022  
Variance #: MR-24105  
Approved or Denied?  
Connie \_\_\_\_\_  
Stacie \_\_\_\_\_  
Chris \_\_\_\_\_

All requests for a Variance shall include a nonrefundable filing fee of \$20.00.

pd cash 12-18-23

APPLICANT MUST PROVIDE MAPS CLEARLY SHOWING THE **SOURCE AND DESTINATION** OF ACRES BEING REASSIGNED AND ANY OTHER CERTIFIED ACRES, OPERATED BY THE PRINCIPALS, IN THE IMMEDIATE AREA.

**2. IDENTIFY THE SOURCE OF THE WELL AND/OR CERTIFIED ACRES:**

Section 35, Township 10 North, Range 31 West

County Lincoln

County Parcel #:

(Additional Parcel #s may be attached)

Well Reg #: G-000415 Will operation of this well be discontinued? YES NO

Number of Acres to be Moved: 0 Fld#:

**HISTORY OF USE:**

Number of Acres Irrigated: 2022, 2021, 2020, 2019, 2018

Inches Used: 2022, 2021, 2020, 2019, 2018

\* Is there a SURFACE WATER CONTRACT on this parcel? YES NO

Is water delivered to this parcel? YES NO

If yes, history of delivery: (acre inches) 2022, 2021, 2020, 2019, 2018

\* Is there a renter or tenant on this property? YES NO

If yes, has this person been notified of your intent to reassign certified irrigated acres? YES NO

\* Is the destination of the well and/or acres being moved still located on a parcel you own? YES NO

If no, the owner of the parcel must provide a written statement acknowledging that occupation tax will be charged on their parcel and an agreement needs to be provided to the MRNRD showing the terms of who will retain the rights of such certified acres.

\* Is/are there (a) mortgage(s), deed(s) of trust, or other consensual lien(s) filed of record on this parcel? YES NO

If yes, identify the name(s) and address(es) of all lien holder(s) of record:

Has/have the lien holder(s) been notified of the proposed reassignment application? YES NO

Farm Credit Services of America, FLCA

Attach a written consent executed by the lien holder(s) of the record.

Applicant acknowledges and agrees that if it is subsequently determined that an existing consensual lien holder of record has failed to consent in writing to the proposed reassignment, Middle Republican NRD reserves the right to revoke the reassignment of the certified acres to the destination parcel(s) identified in Section 3 of this Application.

I/we certify that I/we am/are familiar with the information contained in this application; that to the best of my/our knowledge and belief, such information is true, complete, and accurate; and that the undersigned constitute all of the owners of record of the real estate identified in Section 2 of this application.

DATE: 12-20-2022

Signature of Owner

Erica Mathews, Financial Officer

DATE: \_\_\_\_\_

Signature of Owner



3. IDENTIFY THE DESTINATION FOR WELL AND/OR CERTIFIED ACRES:

Section 21, Township 10 North, Range 30 West

County Lincoln County Parcel #:

(Additional Parcel #s may be attached)

Well Reg #: Fld#

\* Are there other certified acres in this parcel? YES NO

If yes, provide legal description of all other certified acres in parcel:

1/4 of the 1/4 of Section       , Township        North, Range        West

1/4 of the 1/4 of Section       , Township        North, Range        West

1/4 of the 1/4 of Section       , Township        North, Range        West

\* Is a well being transferred with these acres? YES NO

\* Is there a SURFACE WATER CONTRACT on this parcel? YES NO

If yes, is water delivered to this parcel? YES NO

NRD USE ONLY:

Legal Owner(s) of Parcel  
(s) indicated:

I/we certify that I/we am/are familiar with the information contained in this application; that to the best of my/our knowledge and belief, such information is true, complete, and accurate; and that the undersigned constitute all of the owners of record of the real estate identified in Section 3 of this application.

DATE: 12-30-2022

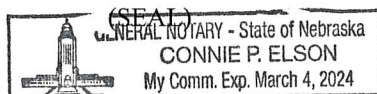
Jill A Hansen  
Signature of Applicant

STATE OF Nebraska

COUNTY OF Frontier

)  
) SS

The foregoing, instrument was acknowledged before me on Dec. 30 2022, by Jill A Hansen (print name).



Connie P Elson  
Notary Public

4. APPROVAL BY THE MIDDLE REPUBLICAN NATURAL RESOURCES DISTRICT:

Date:

12/30/2022

Colt Light  
Signature of MRNRD Representative

The terms and conditions of this application are subject to modification or cancellation due to changes in state or federal laws or Middle Republican Natural Resource District regulations.

Application shall be considered incomplete if application is missing required information or signatures.

Forward this application to:

Middle Republican Natural Resources District  
220 Center Avenue  
PO Box 81  
Curtis, NE 69025

Phone: 308-367-4281  
Toll free in NE @ 1-800-873-5613  
FAX: 308-367-4285  
Website: [www.mrnrd.org](http://www.mrnrd.org)

NRD, USE ONLY:

Additional Comments:

CURRENT LOCATION OF ACRES

Current Certified Acres on Parcel \_\_\_\_\_

Assessed Acres on Parcel \_\_\_\_\_

Occupation Taxed Acres \_\_\_\_\_

RRR or Upland? (circle one)

Are acres in a pooling agreement? Yes No

Do these acres have history of use? Yes No

Acres: \_\_\_\_\_ 2021, \_\_\_\_\_ 2020, \_\_\_\_\_ 2019, \_\_\_\_\_ 2018, \_\_\_\_\_ 2017

Inches: \_\_\_\_\_ 2021, \_\_\_\_\_ 2020, \_\_\_\_\_ 2019, \_\_\_\_\_ 2018, \_\_\_\_\_ 2017

If no, why? \_\_\_\_\_

Well Column \_\_\_\_\_ GPM \_\_\_\_\_

(New well shall be the same or smaller than existing well)

Gene/Sill Hansen  
12/29/2022

NEW LOCATION OF ACRES

RRR or Upland? (circle one)

Percent Developed

0-10.99%  
11-20.99%  
21-30.99%  
>31%

11.52

35-10-31  
CURRENT

14.36%

21-10-30  
NEW

14.92%

14.96

Decline Range

<10.99 ft  
11-15.99 ft  
16-20.99 ft  
>21 ft

X

X

Depletion Range

0-11.96  
11.97-28.6  
28.7-48.6  
48.7-72.2  
72.3-96

X  
X

X  
X

Is it within 2 miles of a municipal well? Yes No

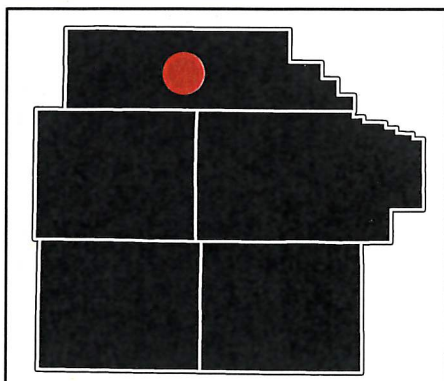
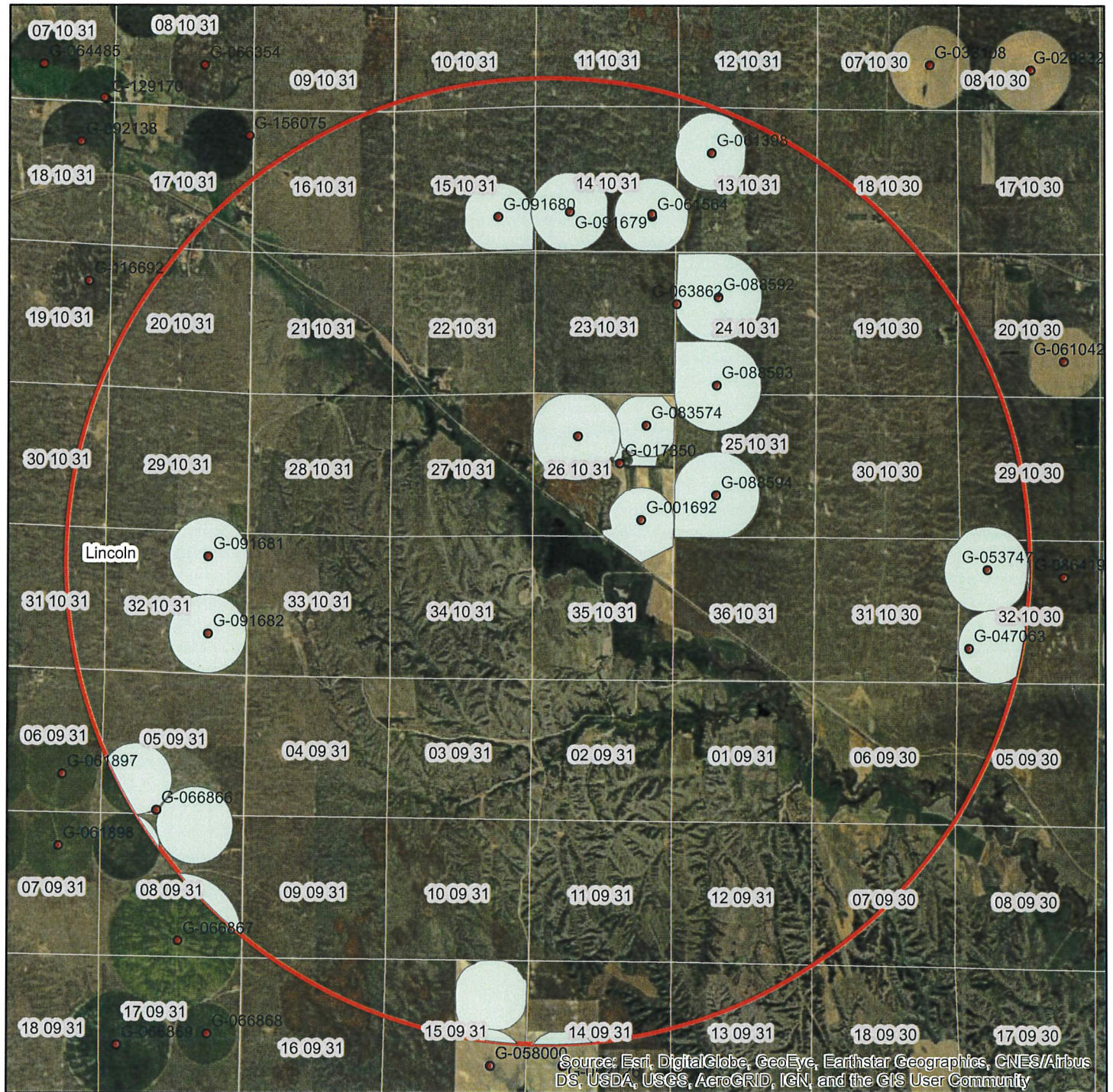
STAFF X APPROVED \_\_\_\_\_ DENIED (referred to Committee on \_\_\_\_\_)

COMMITTEE \_\_\_\_\_ APPROVED \_\_\_\_\_ DENIED (referred to Committee on \_\_\_\_\_)

BOARD \_\_\_\_\_ APPROVED \_\_\_\_\_ DENIED



# Variance Statistics Sheet Existing Hansen 35-10-31



0 0.4 0.8 1.6 Miles

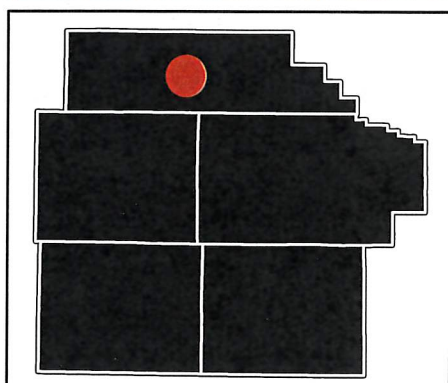
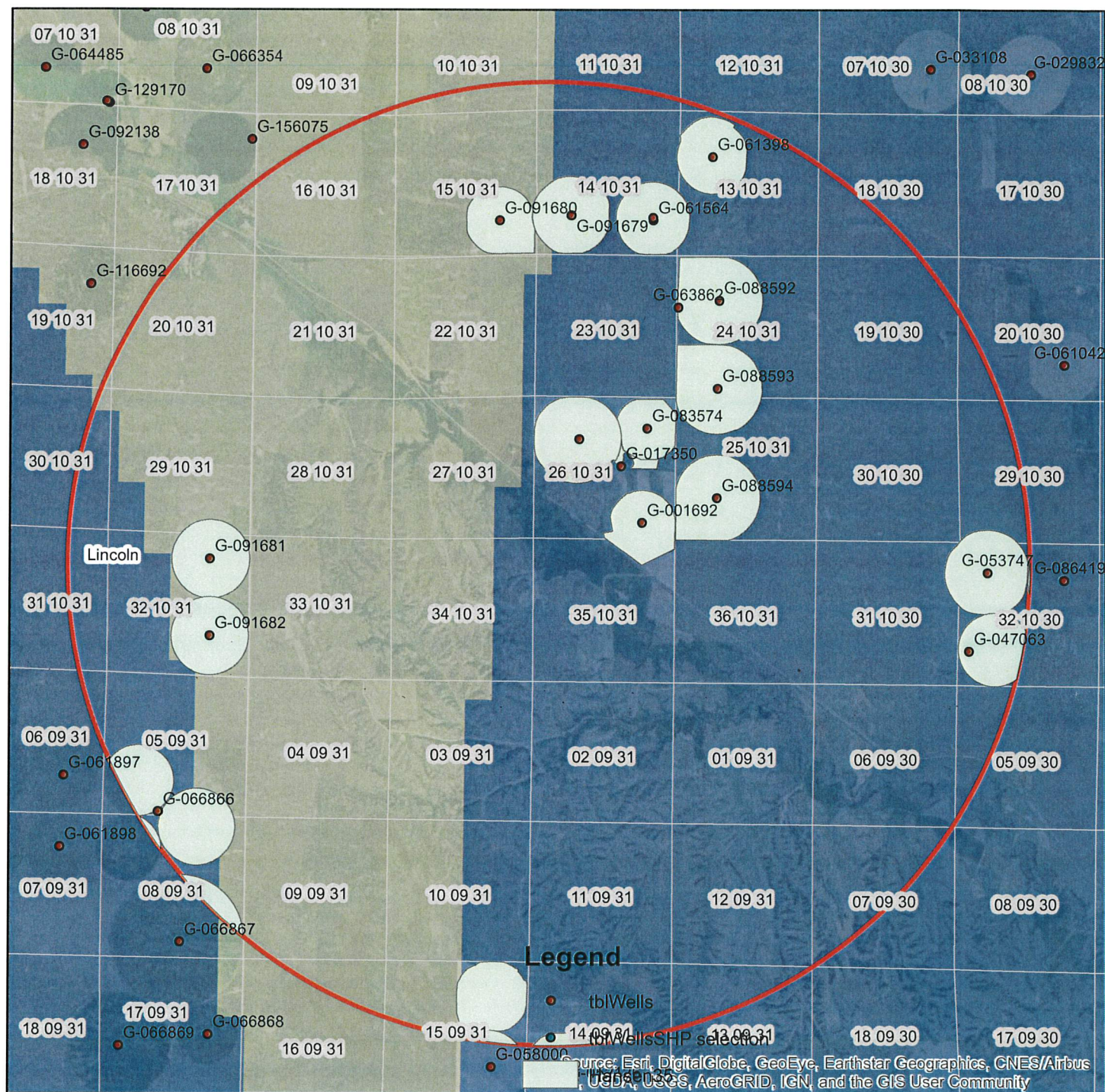
## Legend

- tblWells
- tblWellsSHP selection
- Hansen35

Development- 14.36%



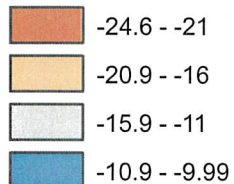
# Variance Statistics Sheet Existing Hansen 35-10-31



0 0.4 0.8 1.6 Miles

## 2016welldd

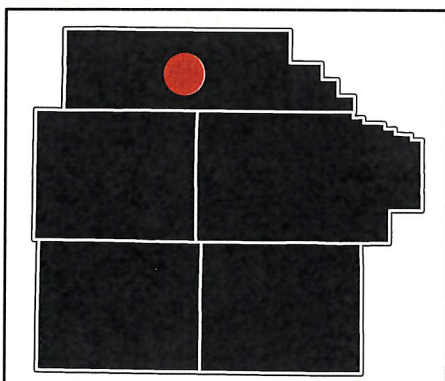
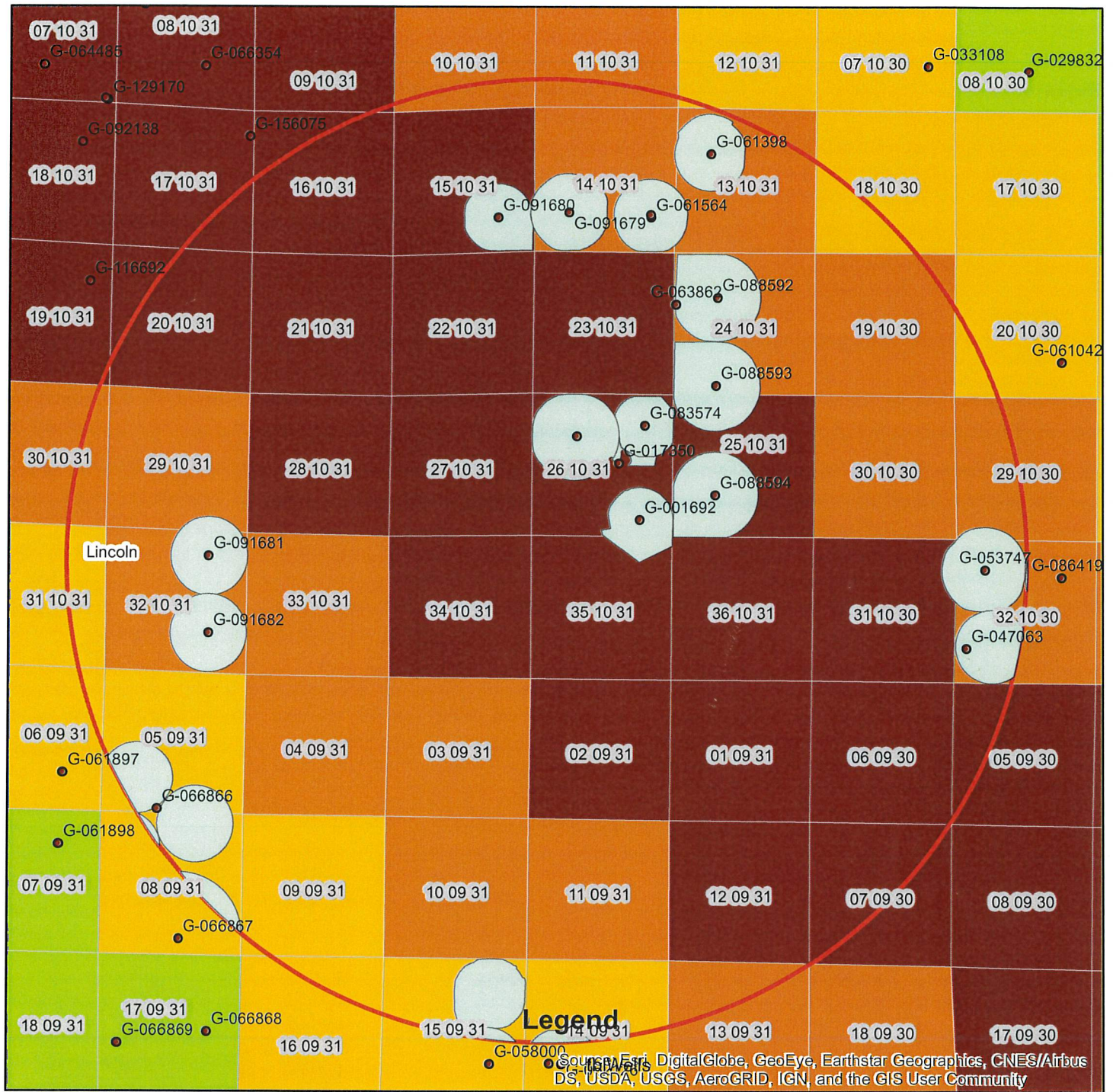
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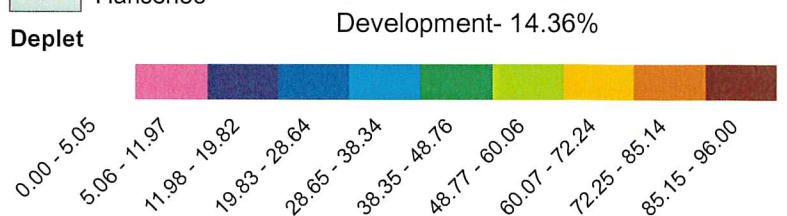
Development- 14.36%



# Variance Statistics Sheet Existing Hansen 35-10-31

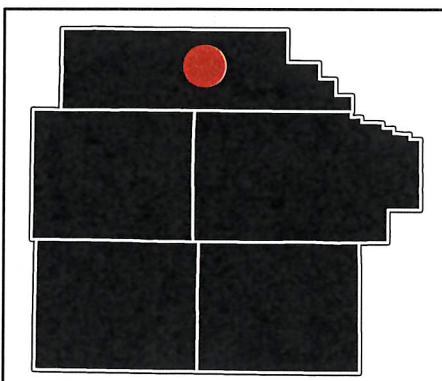
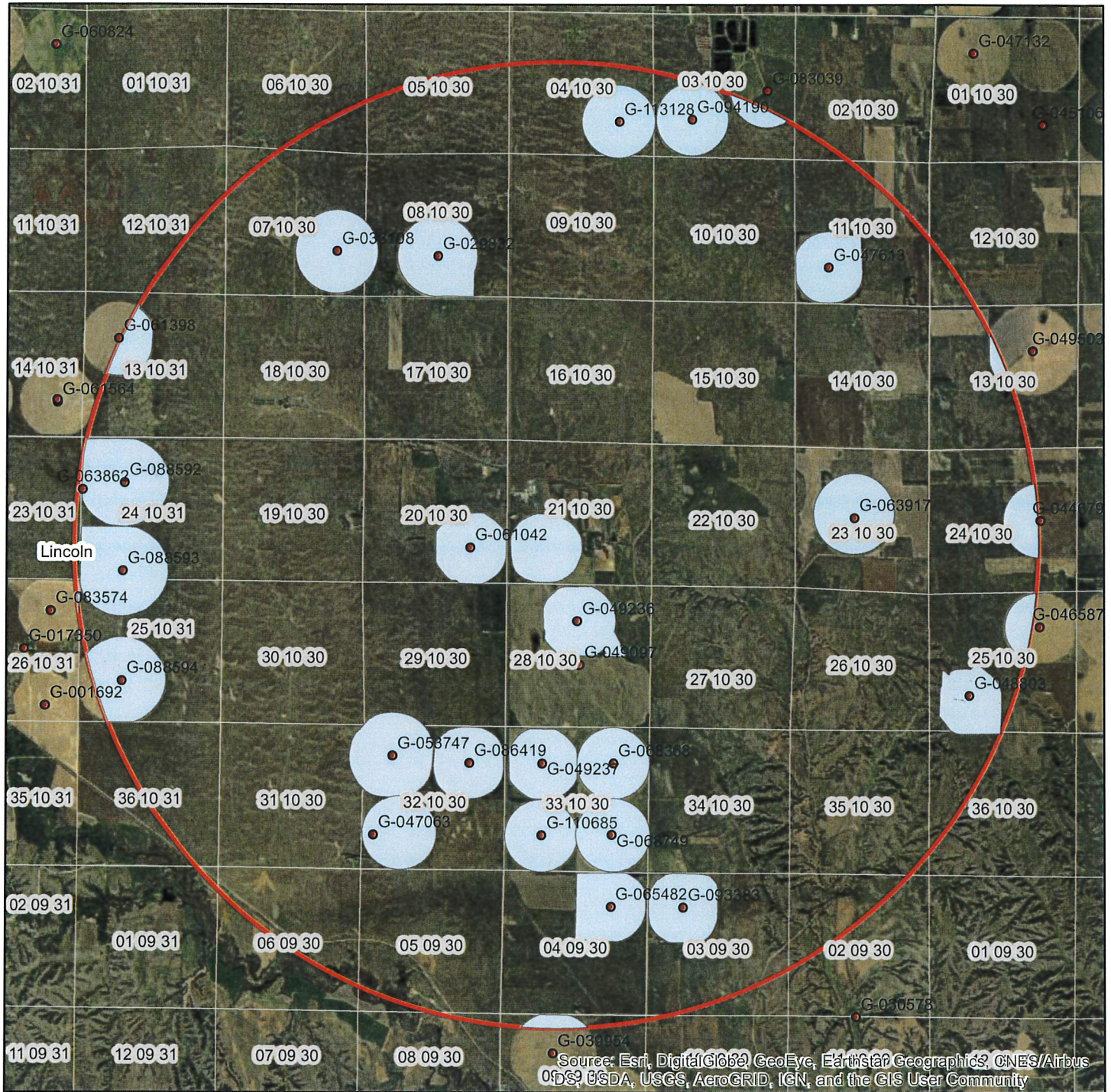


0 0.4 0.8 1.6 Miles





# Variance Statistics Sheet Proposed Hansen 21-10-30



Development- 14.92%

### Legend

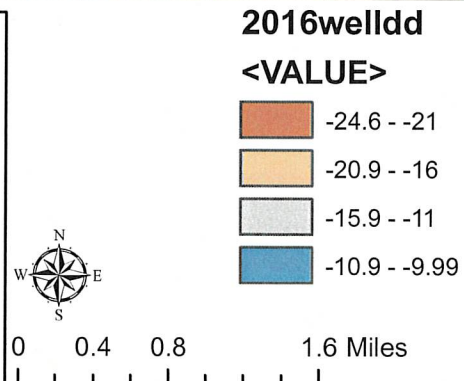
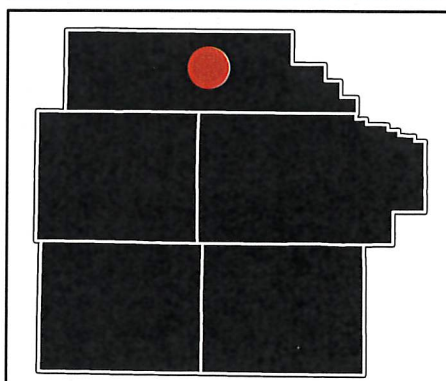
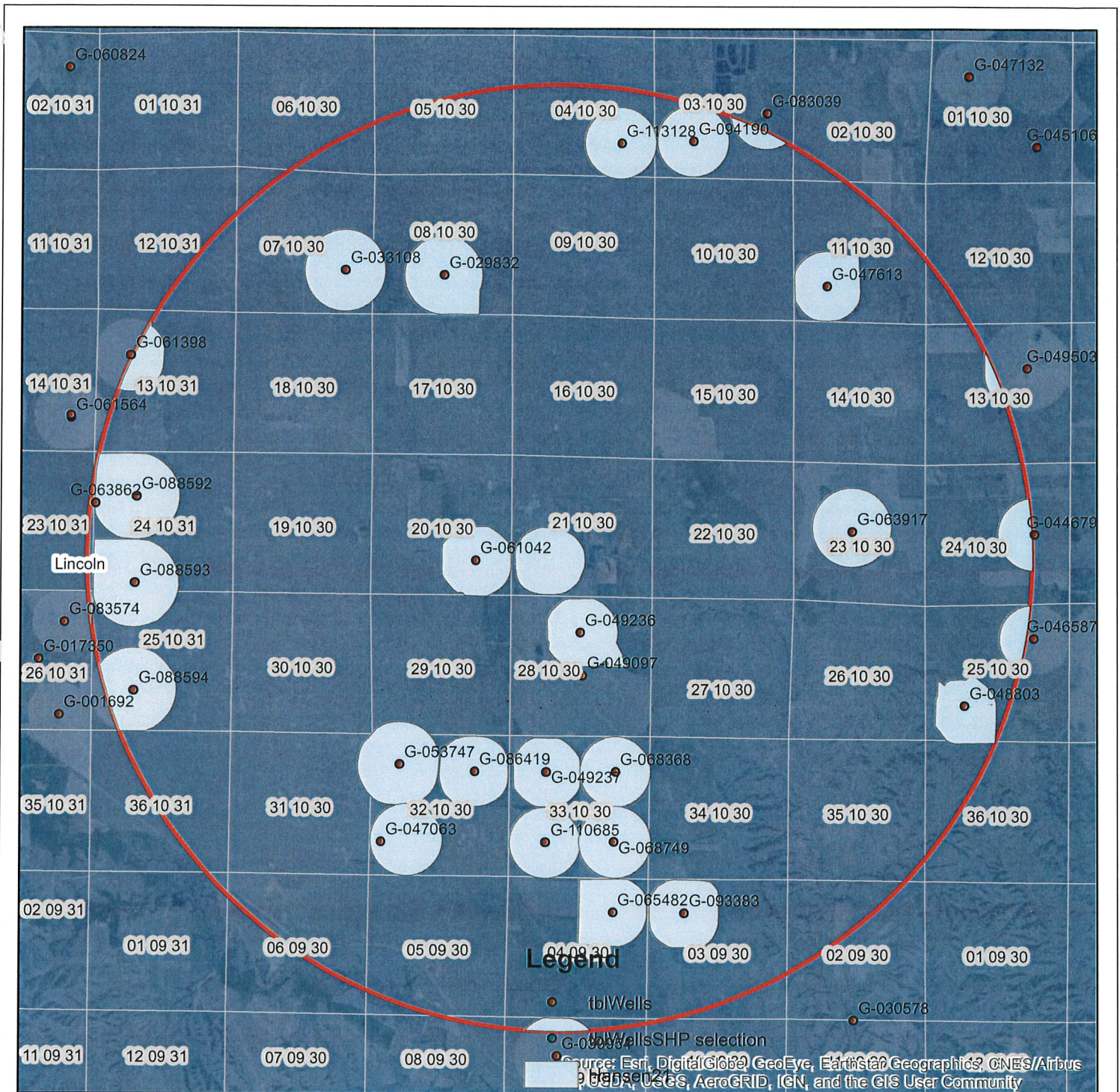
- tblWells
- tblWellsSHP selection
- Hansen21



0 0.4 0.8 1.6 Miles



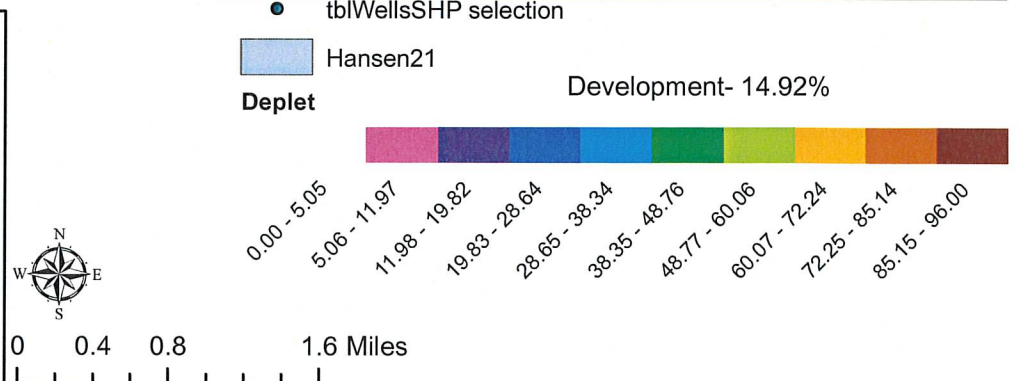
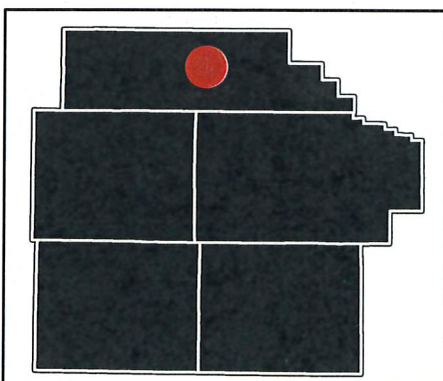
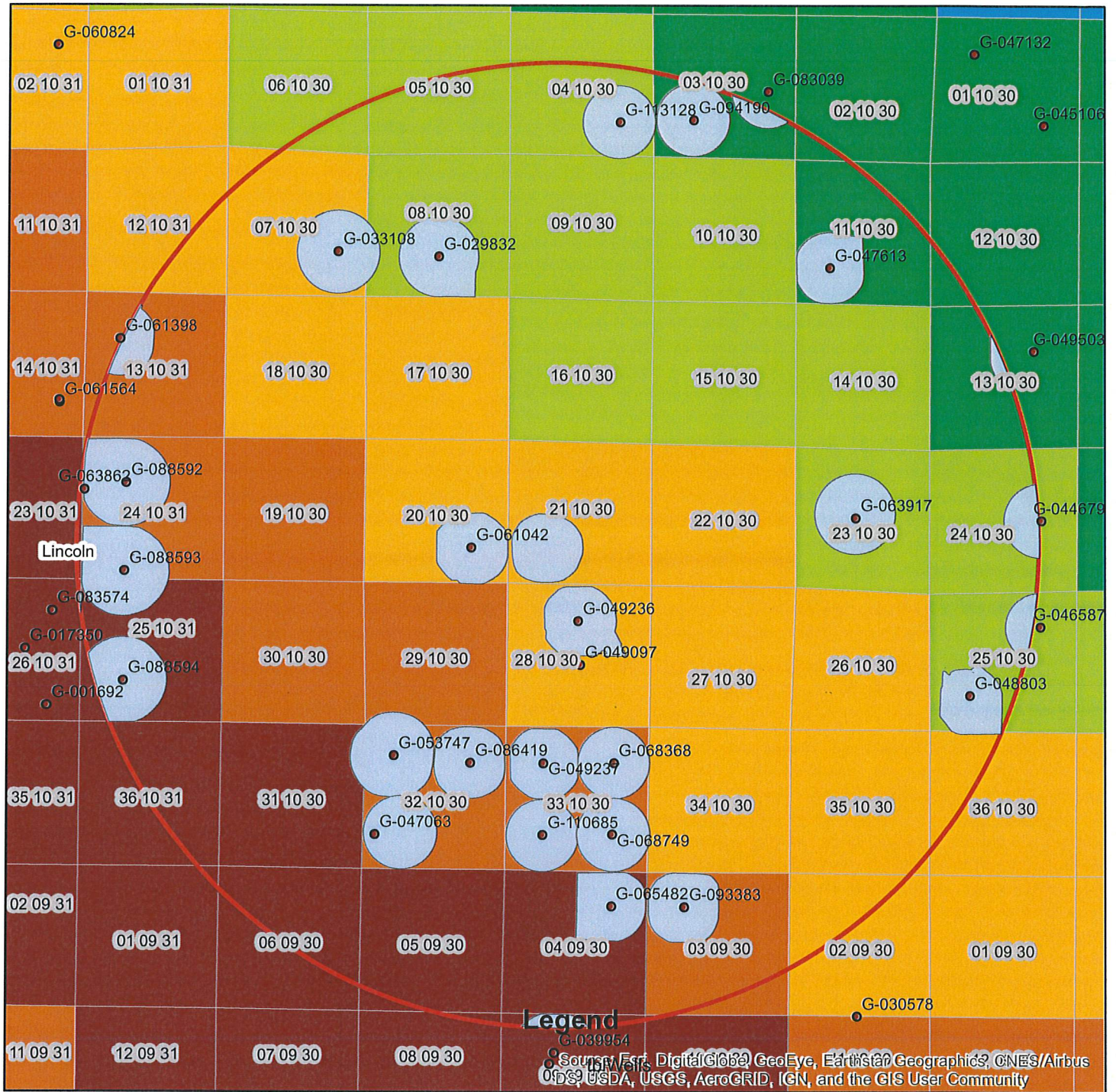
# Variance Statistics Sheet Proposed Hansen 21-10-30



Development- 14.92%



# Variance Statistics Sheet Proposed Hansen 21-10-30





# Application For A Permit to Construct A Water Well

## In The Middle Republican Natural Resources District Ground Water Management Area

## 1. Name and Address of Land Owner:

Jill Hansen  
38224 S Darnell Rd  
Wellfleet, NE 69170

## DNR &amp; NRD USE ONLY

Received Date 12-28-2022  
 Permit No. MR-241019  
 Reg. No. G-200221  
 CE ☒ CM ☒ SO ☒

## 2. Purpose of Well (indicate one):

☒ Irrigation ☐ Public Water Supply ☐ Industrial ☐ Other \_\_\_\_\_ (Specify type)  
 Amount of water to be pumped, if other than irrigation use \_\_\_\_\_ acre feet / gals (select one)

## 3. Identify the Location of the Proposed Well:

Lincoln County, Section 21  
 Township 10 North, Range 30 West

The box at the right represents one square mile, (section). Indicate with an "X", the proposed location of the well. If the well is to be used for irrigation, outline lands to be irrigated.

The well will be located \_\_\_\_\_ feet from the (North/South) section line, and \_\_\_\_\_ feet from the (East/West) section line.

How many acres will be irrigated? 126.1

Type of irrigation system. Center Pivot ☒, Gravity \_\_\_\_\_, Other (specify) \_\_\_\_\_

Will Fertilizer or Chemicals be applied through the proposed system \_\_\_\_\_ Yes \_\_\_\_\_ No?

Will System be \_\_\_\_\_ Electric \_\_\_\_\_ Fuel, powered?

Will the well be used in a system with other wells \_\_\_\_\_ Yes ☒ No? How many \_\_\_\_\_

Distance from nearest well \_\_\_\_\_ Type of well \_\_\_\_\_

Have you checked county zoning requirements for well location \_\_\_\_\_ Yes \_\_\_\_\_ No?

|       |       |       |      |
|-------|-------|-------|------|
| NWNW  | NENW  | NWNE  | NENE |
| SWNW  | SENW  | SWNE  | SENE |
| NWSW  | NESW  | NWSE  | NESE |
| SWSW  | SESW  | SWSE  | SESE |
| 1320' |       |       |      |
|       | 2640' |       |      |
|       |       | 5280' |      |

## 4. Replacement and Abandonment Well Information: (see reverse)

A. Is this a replacement well? \_\_\_\_\_ Yes ☒ No

B. Registration number of abandoned well: G-000415

C. Well to be replaced was last operated \_\_\_\_\_

D. Replacement well is \_\_\_\_\_ feet from abandoned well.

E. Original well pump column size: \_\_\_\_\_ inches.

F. Decommissioning to be completed on \_\_\_\_\_

G. Acres irrigated by well to be replaced. \_\_\_\_\_

H. Acres Certified for well to be replaced. \_\_\_\_\_

I. Is a flow meter installed on well to be replaced \_\_\_\_\_ Yes \_\_\_\_\_ No? N/A

## 5. Specifications of Intended Well and Pump:

Approximate date when construction will begin: \_\_\_\_\_, 20\_\_

Pump column diameter: \_\_\_\_\_ inches. Estimated total well depth \_\_\_\_\_ feet.

Estimated pumping capacity: \_\_\_\_\_ gallons per minute. Well casing diameter: \_\_\_\_\_ inches.

Expected well log, if known. (Please provide a copy of test drilling report, if available)

## 6. I certify that I am familiar with the information contained in this application, and that to the best of my Knowledge and belief such information is true, complete and accurate.

Date 3-4-2024

Signature of applicant Jill A. Hansen

Date Approved 2-28-2024

NRD Representative Stacey M. Over

SEE OTHER SIDE FOR IMPORTANT RULES AND REGULATIONS!!

## Well Registration or Area Permit

Fee Paid: \$110.00  
DNR Cash Fund: \$18.50HHSS Fee: \$70.00  
WWDF: \$21.50  
Billing ID: 81132

|                   |                  |                   |                            |                    |            |                      |            |
|-------------------|------------------|-------------------|----------------------------|--------------------|------------|----------------------|------------|
| Source:           | Nebraska On Line | Import Status:    | Accepted                   | Use:               | Irrigation | Owner ID:            | 158481     |
| NoIID:            | 171647626928543  | Status:           | A - Active Registered Well | Decommission Date: |            | Registration Number: | G-200221   |
| Well ID:          | 277771           | NRD:              | Middle Republican          |                    |            | Registration Date:   | 05/24/2024 |
| Last Change User: | lucas.hadenfeldt | Last Change Date: | 07/24/2024                 |                    |            |                      |            |

## Well Info

## Owner/Driller Information (1 Owner(s))

Show previous owners: ☐

## 1. Owners

Owners:

| Contact Id | Type  | SeqNum | Begin Date | End Date | Name                   |
|------------|-------|--------|------------|----------|------------------------|
| 158481     | Owner | 1      | 05/23/2024 |          | Hansen Trustee, Jill A |

## 2. Well Contractors

Contractor:

| Contact Id | First Name | Last Name | Contact Type            | License Information |
|------------|------------|-----------|-------------------------|---------------------|
| 147801     | Michael J  | Kohl      | Water Well Professional | 39553               |

Drilling Firm:

| Contact Id | Employer                                  | Contact Type      | License Information |
|------------|-------------------------------------------|-------------------|---------------------|
| 144482     | Charles Sargent Irrigation Inc - Holdrege | Water Well Entity | Employer ID: 159848 |

## Well Location Information

## 3. Location

A. Well Location: SE1/4SW1/4 of Section 21

Township 10 North, Range 30 ( West E/W), Lincoln County

B. Natural Resource District: Middle Republican of Section 21

Well GPS Coordinates (DecDeg):  
Latitude: 40.818775 Longitude: -100.74855278Well GPS Coordinates (DMS):  
40° 49' 7.59" -100° 44' 54.79"CalcGPS: ☐Gps Provider: ☐ Well Footage: ☐

C. The well is: 1309 feet from the S Section line and 1483 feet from the W section line.

D. Street address or block, lot and subdivision: Add/Sub Div ☐ Block No ☐ Lot ☐

E. Location of water use, if applicable (give legal description): SW 1/4, 21-T10N-R30W

G. Well reference letter(s) if applicable: ☐

## Well Series Information

## 6. Well In A Series

Well Part of a Series with Site Plan: No

Series Reg # (External Source): ☐

## Well In A Series

| Series ID | # of Wells Active in Series | Total # of Wells in Series | Acres | Acres Certified | Series Code-Description |
|-----------|-----------------------------|----------------------------|-------|-----------------|-------------------------|
| 284119    | 1                           | 1                          | 126.1 | No              | PRO-Single Project      |

| WellID | Registration # | NRD Approved | Comment | Series Reg # (External Source) | Well Status              | Completion Date | Start Date | End Date |
|--------|----------------|--------------|---------|--------------------------------|--------------------------|-----------------|------------|----------|
| 277771 | G-200221       | No           |         |                                | A-Active Registered Well | 05/07/2024      | 05/23/2024 |          |



## Pump/Construction Information

## 8. Pumps

A. Is Pump installed at this time? ☐ Yes Pump Present but Well Inactive: ☐ NoFree Flowing Well: ☐ No Well active, no pump installed: ☐ NoB. License No. 

Pump Installer:

| Contact Id | First Name | Last Name | Contact Type            | License Information |
|------------|------------|-----------|-------------------------|---------------------|
| 146617     | Jeffrey A  | Ironshell | Water Well Professional | 59121               |

Pump Installer Firm:

| Contact Id | First Name | Last Name                                 | Entity Type       | License Information |
|------------|------------|-------------------------------------------|-------------------|---------------------|
| 144482     |            | Charles Sargent Irrigation Inc - Holdrege | Water Well Entity | Employer ID: 159848 |

C. Pumping Rate  900 gallons per minute. D. Pumping water level  320 feet.E. Drop pipe diameter  8 inches. F. Length of pipe  320 in feet.G. Pump equipment installed:  05/17/2024 H. Pump Brand/Type  SargentI. Will this well be used to pump 50 gpm or less?  No

## 9. Construction

A. Total well depth:  440 feet. B. Static water level  206 feet.C. Well Construction Began:  05/07/2024 D. Well Construction Completed  05/07/2024 Days To Register:  17E. Bore hole diameter in inches. Top  28 Bottom  28F. Casing and Screen Joints are:  Glued Other Joints description: H. Total Estimate Capacity of Well  1000 gallons per minute. I. Pumping water level at capacity:  264 feet.

## Casing &amp; Screen

## 10. Case/Screen

Well Construction (Casing &amp; Screen) - c, d, e &amp; f measurements should be in inches to three decimal places:

Record Count =  2

| WellID | FromDepth* | ToDepth* | Case/Screen | InsideDiam | OutsideDiam | CaseThickness | ScrnSlotSize | Material | ScreenTname |
|--------|------------|----------|-------------|------------|-------------|---------------|--------------|----------|-------------|
| 277771 | 0          | 220      | casing      | 14.75      | 16          | 0.62          |              | Plastic  | PVC         |
| 277771 | 220        | 440      | screen      | 14.75      | 16          | 0.62          | 0.05         | Plastic  | PVC         |

\* are in Feet, all else is in inches

## Grout and Gravel Pack

## 11. Grout/Gravel

Grout and Gravel Pack:

Record Count =  4

| WellID | FromDepth* | ToDepth* | Grout/Gravel | Material Description(1) | Volume & Type Grout(3) | Quantity Gravel(2) |
|--------|------------|----------|--------------|-------------------------|------------------------|--------------------|
| 277771 | 0          | 6        | open hole    |                         |                        |                    |
| 277771 | 6          | 18       | grout        | Bentonite               | 1000lbs                |                    |
| 277771 | 18         | 220      | gravel       | Bentonite with Gravel   |                        | 50 Yards           |
| 277771 | 220        | 440      | grout        | Chlorinated Gravel      | 1000lbs                |                    |

\* are in Feet, all else is in inches

1:Description of gravel pack, i.e. engineered gravel pack, or gravel pit description (1/4 down) or brand name (best sand) natural formation, drilling cuttings, soil backfill

2:Quantity #cubic yards, #Tons, #Sacks - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web

3:Volume &amp; Type: #gallons of a slurry, #Barrels of a slurry, #sacks used in the slurry, #Bags of non-slurry bentonite (chip-pellet-granular)

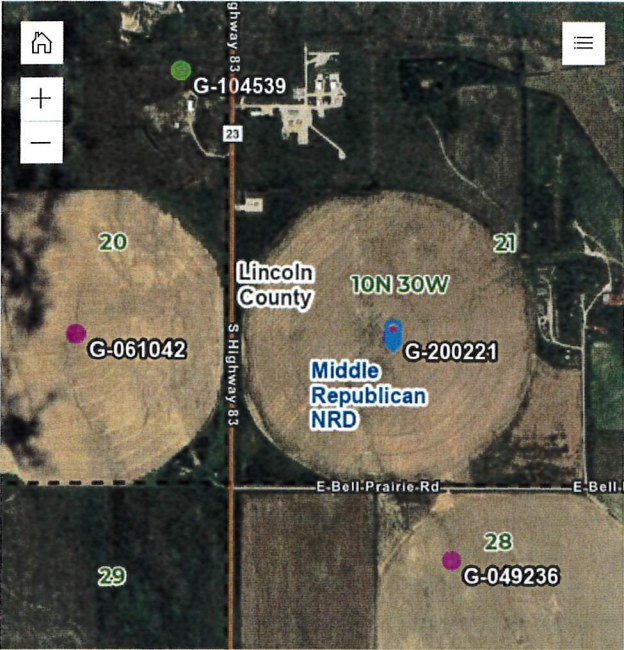


Nebraska Department of Natural  
Resources

Processed: 10/25/2024 3:11:09 PM

Registration number G-200221

Note: Missing Data Indicates that the Information is Not Available Electronically.



Maxar | Nebraska Department of Natural Resources (NeDNR) | E... Powered by Esri

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| Registration#<br>Well ID<br>Permit<br>Number | Use<br>Status                                         | County<br>Name<br>NRD<br>Name<br>Well<br>Location<br>Footage<br>Latitude<br>Longitude                                 | Completion Date<br>Filing Date<br>Decommission<br>Date<br>Times Replaced<br>Online<br>Registration ID<br>(NOLID)<br>Well Driller<br>License Number | Acres Irrigated<br>Gallons/Minute<br>Static Level<br>Pumping Level<br>Series<br># of Heat<br>System Loops | Pump<br>Column<br>Diameter<br>Pump<br>Depth<br>Well<br>Depth |
|----------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| G-200221<br>WellID:<br>277771<br>241017      | I -<br>Irrigation<br>A - Active<br>Registered<br>Well | Lincoln<br>Middle<br>Republican<br>10 N 30W<br>21 SESW<br>1309S<br>1483W<br>40° 49'<br>7.590"<br>-100° 44'<br>54.790" | 5/7/2024<br>5/24/2024<br><br>171647626928543<br>39553                                                                                              | 126.1<br>900 gpm<br>206 ft<br>320 ft<br>PRO - Single<br>Project<br>---                                    | 8 in<br>320 ft<br>440 ft                                     |



| FromDepth | ToDepth | Description                                         | Color | Density  | Composition         |
|-----------|---------|-----------------------------------------------------|-------|----------|---------------------|
| 100       | 140     | Silty Sand with Mag Layer                           | Brown | Hard     | Sand with Clay/Silt |
| 140       | 160     | Silty sand with cement sand streaks                 | Brown | Hard     | Sand with Clay/Silt |
| 160       | 200     | Silty Sand with very tight layers                   | Brown | Hard     | Sand with Clay/Silt |
| 200       | 222     | Sandy clay with fine sand layers                    | Brown | Hard     | Sand with Clay/Silt |
| 222       | 250     | Fine-Medium-Course sand & Fine-Medium-Course Gravel | Brown | Hard     | Sand with gravel    |
| 250       | 260     | with small clay layers                              | Brown | Hard     | Sand with gravel    |
| 260       | 280     | with more clay layers                               | Brown | Hard     | Sand with gravel    |
| 280       | 288     | Silty Sandy Clay                                    | Brown | Hard     | Sand with Clay/Silt |
| 288       | 320     | Fine-medium-course sand & gravel with cement sand   | Brown | Cemented | Sand with gravel    |
| 320       | 440     | sand stone with fine-medium gravel layers           | Brown | Hard     | Sandstone           |

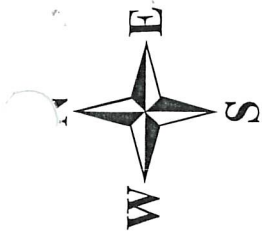
## Casing and Screen

| FromDepth | ToDepth | CaseOrScreen | InsideDiam | OutsideDiam | CaseThickness | Material | ScrnSlotSize | ScreenTname | SubTableNo |
|-----------|---------|--------------|------------|-------------|---------------|----------|--------------|-------------|------------|
| 0         | 220     | casing       | 14.75      | 16          | 0.62          | Plastic  |              | PVC         | 1          |
| 220       | 440     | screen       | 14.75      | 16          | 0.62          | Plastic  | 0.05         | PVC         | 1          |

## Grout and Gravel

| FromDepth | ToDepth | GroutOrGravel | Material  | Quantity | Volume  | SubTableNo |
|-----------|---------|---------------|-----------|----------|---------|------------|
| 0         | 6       | open hole     |           |          |         | 1          |
| 6         | 18      | grout         | Bentonite |          | 1000lbs | 1          |





LINCOLN  
COUNTY

Section- 28  
Township- 10  
Range- 30

Jill A Hansen  
Trustee

Wells  
G-049236  
268.1 Cert Acres  
Fld# 1423

Date: 9/21/2022

