

WATER PERMIT NO. 6822-3

Name of Applicant: Hansen Properties

Address: Box B, Centerville SD 57014

Phone: 605 563-2212

Amount of Water Claimed: 1.11 cfs

Total Acres: 36 acres

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation

County: Clay

Type of Waste Disposal System:

Location: 6 miles south of Centerville

PRIORITY

Date Received: 2-20-07

Application/License Fee: \$200

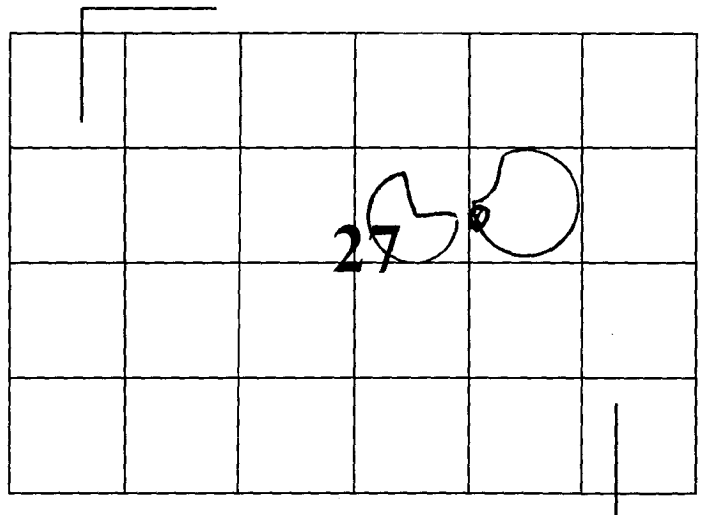
Corrected Application Received:

Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: SE ¼ NE ¼ Sec 27-T95N-R52W

Land to be Irrigated: S ½ NE ¼ Sec 27-T95N-R52W



Depth of Well: 150 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by: Eric Gronlund

Reviewed and the Number Assigned on: 2-28-07

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

FORM 2: Application for irrigation in South Dakota
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6822-3</u> (office use only)	Hydrologic Unit <u>10/20102</u>
	Basin <u>Vermillion River</u>	
	Newspaper <u>Plain Talk</u>	

RECEIVED
FEB 23 2007
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

- Name of Applicant Hansen Properties Phone (605) 563-2212
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address Box B Centerville State SD 57014
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 1.11 *CFS or 500 **GPM ***AF Total Acreage 36
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply one groundwater well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Clay
SE 1/4 NE 1/4 Section 27, T95N, R52W
27
- County or counties where water will be used Clay
- Annual period during which water is to be used April 1 - October 31
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SW 1/4 NE 1/4 Section 27, T95N, R52W	14		
SE 1/4 NE 1/4 Section 27, T95N, R52W	22		

8. Give a description of the project. (Attach sheet if more space is needed)

Plan to install two small Lindsay irrigation systems. The irrigation company informs me that the systems will require a water supply of 500 gpm to operate. Therefore, I am requesting a rate greater than the statutory limit.

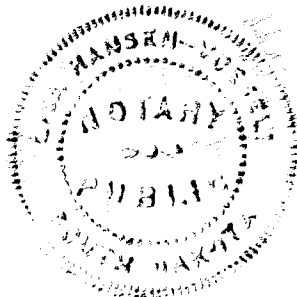
STATE OF SOUTH DAKOTA) SS
County of TURNER

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, Roger Hansen, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature Roger A. Hansen

Subscribed and sworn to before me this 22ND day of FEBRUARY 20 07



[Signature]
Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 6822-3

Date of first receipt of application February 20, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6822-3 to Hansen Properties, c/o Roger Hansen, Box B, Centerville SD 57014 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6822-3 appropriate 1.11 cubic feet of water per second (cfs) from one well to be completed into the Lower Vermillion Missouri (approximately 150 feet deep) located in the SE 1/4 NE 1/4 Section 27 to irrigate 36 acres located in the S 1/2 NE 1/4 Section 27; all in T95N-R52W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is February 20, 2007.
4. The date of approval of Permit No. 6822-3 is May 14, 2007.
5. One-fifth of the construction is to be completed on or before November 14, 2009.
6. All construction is to be completed on or before May 14, 2012.
7. Water is to be put to beneficial use on or before May 14, 2016.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights. The well shall be located a minimum distance of at least 1320 feet from the Vermillion River.
2. The well authorized by Permit No. 6822-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6822-3 authorizes a maximum diversion rate of 1.11 cfs for the irrigation of 36 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 15 2007

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth 150'
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
On applicants property 500' home place well On property owned by others approx. 1/2 mile away

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

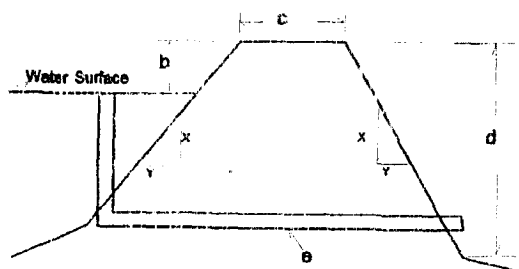
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

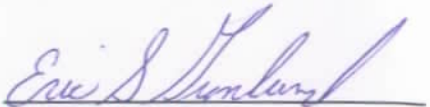
Hansen Properties water permit application to irrigate
the S 1/2 NE 1/4 Section 27, T95N, R52W



0 250 500 1,000 1,500 2,000 Feet



Map depicts the location of the proposed well and the two small center pivots to be operated
in the S 1/2 NE 1/4 Section 27, T95N, R52W


Eric Gronlund PE
Water Rights Program, DENR

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date Feb 23, 20 07

RECEIVED OF Robert A Hansen, PO Box B, Centerville SD 57014

The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6822-3</u> to Appropriate Water, to construct and to put water to beneficial use	150	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6822-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	200.00

No.

02960

By Garland Ebele
Chief Engineer

(KS)



700 BROADWAY CENTERVILLE SOUTH DAKOTA 57014
PHONE (605) 563-2212 FAX (605) 563-2640

2-22-07

ERIC -

Thank you for talking to the
CHIEF ENGINEER FOR ME. I BELIEVE
HE WILL MAKE EVERY EFFORT AND
I DO APPRECIATE THAT.

I WILL BE ANXIOUS TO HEAR .

Regards!

Roger Hansen

RECEIVED

FEB 23 2007

AIR QUALITY
PROGRAM

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit Applications filed by Hansen Properties

ADDRESS: COUNTY: Clay

DATE: February 27, 2007 TELEPHONE:

RE: Twelve applications filed by Hansen Properties

COMMENTS:

Mr. Hansen stopped in the Water Rights Program office on February 20th to file 12 applications. He later that week mailed one additional application. I helped him complete the application form and the map. The maps depict the area he showed me that are proposed to be irrigated. In some instances the number of acres listed on the application appears to be greater than the area portrayed on the map. Mr. Hansen obtained the estimated acres from his irrigation system supplier. Upon development of the irrigation system, the water license will be issued for the amount of irrigation actually taking place.

NAME: *Eric Hansen*



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 17, 2007

Greg Merrigan, System Manager
Clay Rural Water System
30376 SD Hwy 19
Wakonda SD 57073-6416

Dear Mr. Merrigan:

Roger Hansen dba Hansen Properties has filed a twelve water right permit applications to appropriate ground water for irrigation in Clay County.

Enclosed are the reports, recommendations and public notice for these applications. The notice is being published in the Plain Talk on April 27 and May 4th. Petitions to intervene to cause a hearing before the Water Management Board must be submitted by May 14th as set forth in the public notice.

This information is being sent to keep Clay Rural Water System informed of these water permit application. Please contact Jim Goodman or myself if you have questions.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352
eric.gronlund@state.sd.us

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
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www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6822-3, Hansen Properties**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6822-3, Hansen Properties, c/o Roger Hansen, Box B, Centerville SD 57014.

The Chief Engineer is recommending APPROVAL of Application No. 6822-3 because; 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualification:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights. The well shall be a minimum of at least 1320 feet from the Vermillion River.
2. The well authorized by Permit No. 6822-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6822-3 authorizes a maximum diversion rate of 1.11 cfs for the irrigation of 36 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer

April 13, 2007

REPORT ON WATER PERMIT NO. 6822-3
For Hansen Properties
March 29, 2007

Application No. 6822-3 proposes to appropriate 1.11 cfs from one well approximately 150 feet deep located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of section 27 to irrigate 36 acres located in the S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 27; all in T95N R52W in Clay County. The applicant is requesting a diversion rate greater than the statutory limit of one cfs per 70 acres.

AQUIFER – LOWER VERMILLION MISSOURI (LVM)

The Lower Vermillion Missouri is a buried outwash (sand and gravel) that appears to be under water table at this site. The Lower Vermillion Missouri underlies 100,800 acres and contains an estimated 1.5 million acre-feet of recoverable water in storage in Clay County (Hedges, 1982). The aquifer extends into Union County to the southeast, blends into the Upper Vermillion Missouri aquifer to the north, and blends into the Missouri Elk Point aquifer to the south. Just to the northeast of this application the Lower Vermillion Missouri aquifer appears to be hydraulically connected to the overlying Parker Centerville aquifer and is also hydraulically connected to the Vermillion River. Ground water movement has a basic component of northwest to southeast in Clay County with locally movement toward the Vermillion River (Christensen, 1967). This would mean most of the time the aquifer is discharging to the river.

No test well was drilled for this application. At this site a well would probably encounter more than 175 feet of saturated sands and gravels (Christensen, 1967). The well should be completed as deep as possible into the source for a more reliable well. This is because the greater saturated thickness allows for a higher capacity well.

There is a concern with the location of this proposed well in relation to the Vermillion River. This well location is very close to the 1,320 feet spacing from the river. This spacing is an attempt to minimize any potential impacts on river flows resulting from pumping the irrigation well.

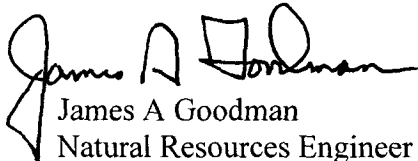
The Water Rights Program monitors an observation well CL-66A (located about one and one-half miles northwest of this application and completed into the Lower Vermillion Missouri aquifer. Water levels for this well shows good response to climatic conditions, that is rising water levels during wet years (recharge) and gradually declining water levels during dry years. In general, the water record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2007). A hydrograph for this observation well is included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing permits are No. 6571-3 (located about ½ mile south of this proposed well and application No. 6819-3 located about ½ mile north of this well site. Both of these are held by the applicant for this permit. Interference is not expected to be a concern. At this distance between wells drawdown is not expected to be significant. This is verified by the observation well record.

CONCLUSIONS

1. Water is available from the Lower Vermillion Missouri aquifer.
2. Interference is not expected to be a concern. The observation well records indicate drawdown is not significant in this area (see hydrograph for observation well CL-66A). The aquifer appears to be under water table conditions at the well site and drawdown created by pumping is not expected to be significant.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards. The applicant will need to do testing to evaluate the aquifer thickness and production capability for this area.
4. The well location for this application is near the Vermillion River. This production well should be at least 1,320 feet from the Vermillion River to minimize any potential impacts pumping may have on flows in the river. The proposed well site could very easily be moved to comply with this distance.
5. The applicant requests a diversion rate greater than the one cfs per 70 acre statutory requirement. This is reasonable because of the configuration of the irrigation system. This permit is for 72 acre-feet per year.



James A Goodman
Natural Resources Engineer

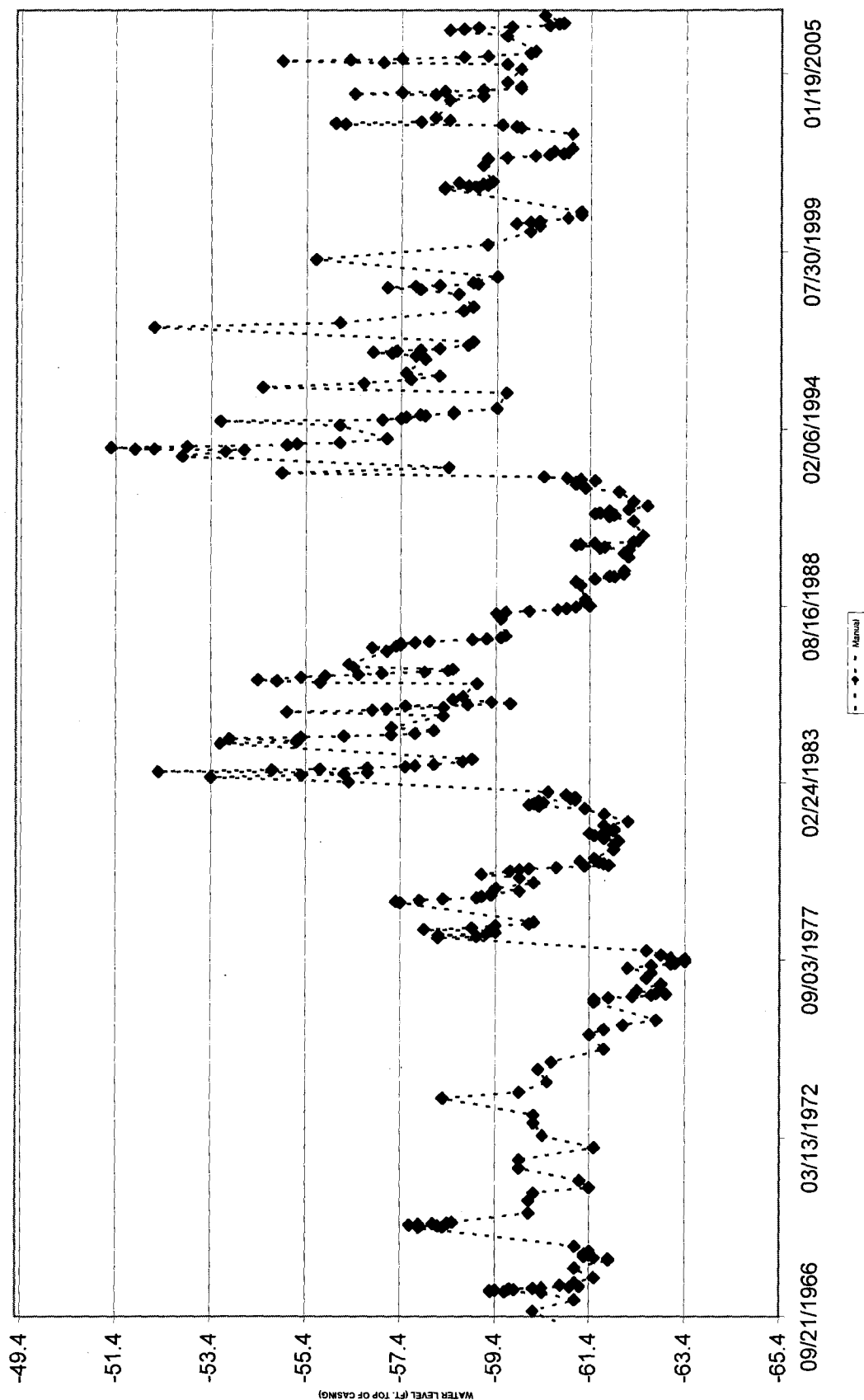
BIBLIOGRAPHY

Christensen, C.M., J.C. Stephens, 1967, Geology and Water Resources of Clay County, South Dakota, Bulletin 19, Part II Water Resources, SD DENR, SDGS, Vermillion, SD, 57069.

Hedges, L.S., and others, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2007, Unpublished Observation Well Data for Turner and Clay Counties, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL CL-66A



AFFIDAVIT OF PUBLICATION

State of South Dakota, County of Clay, ss.

Penny Tucker

Being first duly sworn, deposes and says: That he/she is a resident of the County of Clay and State of South Dakota; that

THE PLAIN TALK

is a legal newspaper of general circulation, printed and published in Vermillion, in said County and State, by Broadcaster Press, Inc., and is now and has been such newspaper continuously during all the times hereinafter mentioned; that affiant is and was during all the time hereinafter mentioned in charge of the advertising department thereof, and has personal knowledge of all the facts stated in this affidavit: and that the notice and advertisement headed:

NOTICE OF APPLICATION NOS. 6810-3 THRU 6822-3

TO APPROPRIATE WATER

HANSEN PROPERTIES

a printed copy of which is hereunto attached and made a part hereof, was printed and published in the said newspaper at least once in each week

for 2 successive weeks; that said newspaper at the time of the first publication of said notice hereinafter stated, had, and still has, a bona fide circulation of over two-hundred paid copies weekly, and had been published in the said county of Clay for more than one year immediately prior to the date of the said publication of said notice, and that said newspaper during said times, was, and is, printed in part in an office maintained at said city of Vermillion, the said place of publication; that the first publication of said notice in said newspaper as aforesaid

was on Friday, the 27th day of April, 20 07, and that the succeeding publications were severally

on Friday, the 4th day of May, 20 07,

on Friday, the _____ day of _____, 20 _____,

on Friday, the _____ day of _____, 20 _____,

on Friday, the _____ day of _____, 20 _____,

that the fees charged for the printing and publication of the said notice and advertisement in said newspaper as aforesaid were

One hundred forty-four _____ dollars and 45 cents

and that said fees for the printing and publishing of said notice and advertisement have been fully paid; that the full amount of the fee charged for the publishing of the said attached annexed notice and advertisement inures to the benefit of the publisher of the said newspaper, that no agreement or understanding for the division thereof has been made with any other person and that no part thereof has been agreed to be paid to any other person whomsoever.

Subscribed and sworn to before me

this 14th day of May, 20 07

JOAN E. WILLIAMS
NOTARY PUBLIC
SOUTH DAKOTA

SEAL

My Commission Expires 04/17/2011

NOTICE OF APPLICATION NOS. 6810-3 thru 6822-3 to Appropriate Water

Notice is given that Hansen Properties, Box B, Centerville, SD 57014 has filed the following applications to appropriate water:

Application No. 6810-3 proposes to appropriate 1.56 cubic feet of water per second (cfs) from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N 1/2 SW 1/4 Section 3 to irrigate 71 acres located in the N 1/2 SW 1/4 Section 3; all in T95N-R52W.

Application No. 6811-3 proposes to appropriate 1.78 cfs from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the NE 1/4 NW 1/4 Section 10 to irrigate 115 acres located in the NW 1/4, N 1/2 SE 1/4, NE 1/4 SW 1/4 Section 10; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6812-3 proposes to appropriate an additional 0.67 cfs and irrigate 62 additional acres to what is currently authorized by Water Permit No. 6570-3. Water Permit No. 6570-3 authorizes 1.11 cfs from one well completed in the Upper Vermillion Missouri Aquifer (158 feet deep) located in the center of the SW 1/4 Section 10 to irrigate 55 acres located in the SW 1/4 Section 10; all in T95N-R52W. This application proposes to appropriate an additional 0.67 cfs from the existing well to irrigate 62 additional acres located in the SW 1/4 SE 1/4, SE 1/4 SW 1/4 Section 10-T95N-R52W. This notice also serves to correct the water source authorized by permit No. 6570-3 to the Upper Vermillion Missouri Aquifer. This application incorporates Water Permit No. 6570-3 to authorize a total diversion of 1.78 cfs for irrigation 117 acres which is slightly greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6813-3 proposes to change the location of the well, to irrigate 46 additional acres and change the location of acreage authorized by Water Permit No. 6564-3. Water Permit No. 6564-3 authorizes 2.83 cfs from one well completed in the Lower Vermillion Missouri Aquifer (158 feet deep) located approximately 1320 feet south of the N 1/4 Section 16 to irrigate 228 acres located in the S 1/2 NW 1/4, S 1/2 NE 1/4, N 1/2 SW 1/4, N 1/2 SE 1/4 Section 16; all in T95N-R52W. This application proposes to change the location of the well to the center of the SW 1/4 Section 16 and irrigate 46 additional acres and change the location of the existing irrigation all to be located in the W 1/2 Section 16-T95N-R52W. This application, with incorporation of Water Permit No. 6564-3, will authorize a total diversion of 2.83 cfs from one proposed well to irrigate 274 acres.

Application No. 6814-3 proposes to irrigate an additional 180 acres utilizing the well authorized by

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MAY 11 2007
WATER RIGHT
PROGRAM
Notary Public

Water Permit No. 6563-3. Water Permit No. 6563-3 appropriates 3.34 cfs one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the SW 1/4 NW 1/4 Section 15 to irrigate 380 acres in Section 15 T95N R52W. This application proposes to irrigate 180 acres located in the E 1/2, SE 1/4 NW 1/4, NE 1/4 SW 1/4 Section 16-T95N-R52W. This application does not request an increase in the diversion rate from the well.

Application No. 6815-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 150 feet deep) located in the center of the SW 1/4 Section 15-T95N-R52W to irrigate 147 acres located in the S 1/2, S 1/2 NE 1/4, Section 15-T95N-R42W. Also this well will be utilized to irrigate 127 acres authorized by Water Permit No. 6563-3 located in the SW 1/4 Section 15-T95N-R52W. If approved, this application will authorize a total diversion of 1.78 cfs to irrigate 274 acres.

Application No. 6816-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N 1/2 SE 1/4 Section 21 to irrigate 96 acres located in the N 1/2 SW 1/4 and the N 1/2 SE 1/4 Section 21; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6817-3 proposed to appropriate 0.16 cfs by increasing the diversion rate authorized by Water Permit No. 6573-3. Water Permit No. 6573-3 authorizes 1.84 cfs from one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the NE 1/4 SW 1/4 Section 28 to irrigate 130 acres located in the SW 1/4, S 1/2 NW 1/4 Section 28; all in T95N-R52W. This application proposes to increase the diversion rate from 1.84 cfs to 2.00 cfs. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6818-3 proposes to appropriate 1.55 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the NE 1/4 Section 28 to irrigate 117 acres located in the N 1/2 Section 28; all in T95N-R52W.

Application No. 6819-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N 1/2 NE 1/4 Section 27 to irrigate 137 acres located in the N 1/2 NE 1/4 Section 27 and S 1/2 SE 1/4 Section 22; all in T95N-R52W.

Application No. 6820-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the SW 1/4 Section 23 to irrigate 43 acres located in the E 1/2 SW 1/4, NW 1/4 SE 1/4 Section 23; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6821-3 proposes to appropriate 2.0 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 200 feet deep) located in the SE 1/4 SW 1/4 Section 3 to irrigate 95 acres located in the S 1/2 SE 1/4, NW 1/4 SE 1/4, SE 1/4 SW 1/4 Section 3; all in T94N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6822-3 proposes to appropriate 1.11 cfs from one well to be completed into the Lower Vermillion Missouri (approximately 150 feet deep) located in the SE 1/4 NE 1/4 Section 27 to irrigate 36 acres located in the S 1/2 NE 1/4 Section 27; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6810-3 to 6822-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by May 14, 2007.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Publish: April 27 & May 4, 2007



April 17, 2007

PLAIN TALK
PO BOX 256
VERMILLION SD 57069

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 6810-3 through 6822-3 to Appropriate Water to be published twice. Please publish the first notice on April 27, 2007 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Hansen Properties, Box B, Centerville SD 57014 (Ph # 605-563-2212).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

Nos. 6810-3 through 6822-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of April 17, 2007 enclosing Notice to Appropriate Water by Application Nos. 6810-3 through 6822-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on April 27, 2007 with the second publication 7 days later. The applicant is responsible for payment.

Notice is given that Hansen Properties, Box B, Centerville SD 57014 has filed the following applications to appropriate water.

Application No. 6810-3 proposes to appropriate 1.56 cubic feet of water per second (cfs) from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3 to irrigate 71 acres located in the N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3; all in T95N-R52W.

Application No. 6811-3 proposes to appropriate 1.78 cfs from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10 to irrigate 115 acres located in the NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6812-3 proposes to appropriate an additional 0.67 cfs and irrigate 62 additional acres to what is currently authorized by Water Permit No. 6570-3. Water Permit No. 6570-3 authorizes 1.11 cfs from one well completed in the Upper Vermillion Missouri Aquifer (158 feet deep) located in the center of the SW $\frac{1}{4}$ Section 10 to irrigate 55 acres located in the SW $\frac{1}{4}$ Section 10; all in T95N-R52W. This application proposes to appropriate an additional 0.67 cfs from the existing well to irrigate 62 additional acres located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10-T95N-R52W. This notice also serves to correct the water source authorized by permit No. 6570-3 to the Upper Vermillion Missouri Aquifer. This application incorporates Water Permit No. 6570-3 to authorize a total diversion of 1.78 cfs for irrigation 117 acres which is slightly greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6813-3 proposes to change the location of the well, to irrigate 46 additional acres and change the location of acreage authorized by Water Permit No. 6564-3. Water Permit No. 6564-3 authorizes 2.83 cfs from one well completed in the Lower Vermillion Missouri Aquifer (158 feet deep) located approximately 1320 feet south of the N $\frac{1}{4}$ Section 16 to irrigate 228 acres located in the S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 16; all in T95N-R52W. This application proposes to change the location of the well to the center of the SW $\frac{1}{4}$ Section 16 and irrigate 46 additional acres and change the location of the existing irrigation all to be located in the W $\frac{1}{2}$ Section 16-T95N-R52W. This application, with incorporation of Water Permit No. 6564-3, will authorize a total diversion of 2.83 cfs from one proposed well to irrigate 274 acres.

Application No. 6814-3 proposes to irrigate an additional 180 acres utilizing the well authorized by Water Permit No. 6563-3. Water Permit No. 6563-3 appropriates 3.34 cfs one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section to irrigate 380 acres in Section 15 T95N R52W. This application proposes to irrigate 180 acres located in the E $\frac{1}{2}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 16-T95N-R52W. This application does not request an increase in the diversion rate from the well.

Application No. 6815-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 150 feet deep) located in the center of the SW $\frac{1}{4}$ Section 15-T95N-R52W to irrigate 147 acres located in the S $\frac{1}{2}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, Section 15-T95N-R42W. Also this well will be utilized to irrigate 127 acres authorized by Water Permit No. 6563-3 located in the SW $\frac{1}{4}$ Section 15-T95N-R52W. If approved, this application will authorize a total diversion of 1.78 cfs to irrigate 274 acres.

Application No. 6816-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 21 to irrigate 96 acres located in the N $\frac{1}{2}$ SW $\frac{1}{4}$ and the N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 21; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6817-3 proposed to appropriate 0.16 cfs by increasing the diversion rate authorized by Water Permit No. 6573-3. Water Permit No. 6573-3 authorizes 1.84 cfs from one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the NE ¼ SW ¼ Section 28 to irrigate 130 acres located in the SW ¼, S ½ NW ¼ Section 28; all in T95N-R52W. This application proposes to increase the diversion rate from 1.84 cfs to 2.00 cfs. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6818-3 proposes to appropriate 1.55 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the NE ¼ Section 28 to irrigate 117 acres located in the N ½ Section 28; all in T95N-R52W.

Application No. 6819-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N ½ NE ¼ Section 27 to irrigate 137 acres located in the N ½ NE ¼ Section 27 and S ½ SE ¼ Section 22; all in T95N-R52W.

Application No. 6820-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the SW ¼ Section 23 to irrigate 43 acres located in the E ½ SW ¼, NW ¼ SE ¼ Section 23; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6821-3 proposes to appropriate 2.0 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 200 feet deep) located in the SE ¼ SW ¼ Section 3 to irrigate 95 acres located in the S ½ SE ¼, NW ¼ SE ¼, SE ¼ SW ¼ Section 3; all in T94N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6822-3 proposes to appropriate 1.11 cfs from one well to be completed into the Lower Vermillion Missouri (approximately 150 feet deep) located in the SE ¼ NE ¼ Section 27 to irrigate 36 acres located in the the S ½ NE ¼ Section 27; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6810-3 to 6822-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by May 14, 2007.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



JUN 15 2007

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

Hansen Properties
c/o Roger Hansen
PO Box 8
Centerville SD 57014

Dear Mr. Hansen:

Enclosed are Water Permit Nos. 6812-3 thru 6820-3 and 6822-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

Enclosed are the receipts for the payment of the application/license fees. A \$50 license fee was charged for Water Permit Nos. 6812-3, 6813-3 and 6814-3, when it was not required. Therefore, \$150 will be refunded to you. You should be receiving this refund within the next couple of weeks.

Form 10's, *Notice of Completion of Works and Application of Water to Beneficial Use*, are enclosed. Please return the completed forms after you have finished each system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location se 1/4 ne 1/4 Sec 27 Twp 95n Rg 52w

County

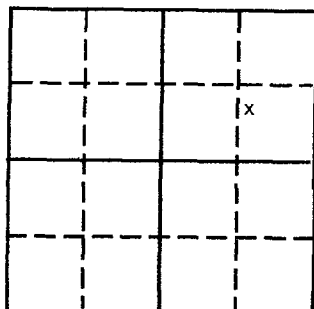
clay

North

Please mark well location with an "X"

W

E



1 Mile

Well Completion Date

7/26/2007

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 1,000.0 ft. from septic system (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

direct rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	8.00 IN	0.0 FT	127.0 FT	13.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Bent grt	15	9.5 Lb/gal	0.0 Ft	121.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
Tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured
 Diameter 8.00 Inches Length 30.0 Feet
Material PVC slottedSlot Size .060 Set From 127.0 Feet to 157.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH tablets
☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Roger HansenBusiness Name: Hansen PropertiesAddress: Box BCity, State, Zip: Centerville SD 57014

WELL LOG:

DEPTH

FORMATION

FROM

TO

topsoil, Dk Brn, Silty	0	1
Clay, brown, silty, pebbly	1	32
Clay, gray, silty pebbly	32	72
gravel, medium to coarse, sandy	72	173

STATIC WATER LEVEL 58.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:
☐ Bailed
☐ Other

Pumping Level Below Land Surface

64.0 Ft. After 2.0 Hrs. pumped 220.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 230.0 GPM

REMARKS

RECEIVED

FEB - 1 2008

WATER RIGHTS

This well was drilled under license # PROGRAM 666

And this report is true and accurate.

Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 1-26-08

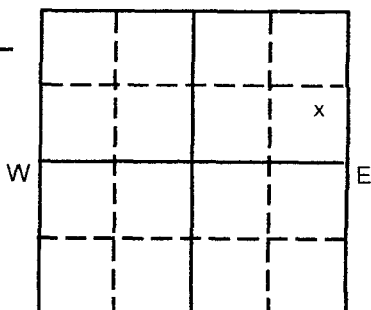
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location se $\frac{1}{4}$ ne $\frac{1}{4}$ Sec 27 Twp 95n Rg 52wCounty clay

North

Please mark well location with an "X"



Well Completion Date

7/27/2007

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 800.0 ft. from septic system (identify source)

PROPOSED USE:

☒ Domestic/Stock Irrigation
 ☐ Municipal Industrial
 ☐ Business Institutional
 ☐ Test Holes Monitoring well

METHOD OF DRILLING:

direct rotary

CASING DATA:

If other describe ☐ Steel ☒ Plastic ☐ Other

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	8.00 IN	0.0 FT	121.0 FT	13.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Bent grt	15	9.5 Lb/gal	0.0 Ft	115.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
Tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 8.00 Inches Length 30.0 Feet
Material PVC slottedSlot Size .060 Set From 121.0 Feet to 151.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH tablets☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Roger HansenBusiness Name: Hansen PropertiesAddress: Box BCity, State, Zip: Centerville SD 57014

WELL LOG:

DEPTH

FORMATION	FROM	TO
topsoil, Dk Brn, Silty	0	1
Clay, brown, silty, pebbly	1	34
Clay, gray, silty pebbly	34	62
gravel, medium to coarse, sandy	62	171

STATIC WATER LEVEL 61.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

68.0 Ft. After 2.0 Hrs. pumped 230.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 230.0 GPM

REMARKS

RECEIVED

FEB - 1 2008

WATER RIGHTS PROGRAM

This well was drilled under license # 666

And this report is true and accurate.

Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 1-26-08

FORM 2: Application for irrigation in South Dakota

(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6822-3</u>	(office use only) Hydrologic Unit _____
	Basin _____	
	Newspaper _____	

RECEIVED

MAR 14 2008

WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 6822-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

Pursuant to SDCL 46-5-13.1 - request for an additional diversion point to Water Permit No. 6822-3

- Name of Applicant Hansen Properties Phone (605) 563-2212
(check one) ☐ Owner ☐ Tenant/lessee
- Mailing Address Box B Centerville State SD 57014
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed none *CFS or **GPM ***AF Total Acreage no add'l
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply two well completed into the Lower Vermillion:Missouri Aquifer
- Location of point of diversion (example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W) County Clay
SW 1/4 NE 1/4 and SE 1/4 NE 1/4 Section 27, T95N, R52W
- County or counties where water will be used Clay
- Annual period during which water is to be used April 1 - October 31
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SW 1/4 NE 1/4 Section 27, T95N, R52W	14		
SE 1/4 NE 1/4	22		

8. Give a description of the project. (Attach sheet if more space is needed)

Additional well drilled to serve the two systems in place in the S 1/2 NE 1/4 Section 27, T95N, R52W. Each well is capable of producing 230 gpm. The amount of water developed is less that the authorized amount and from the same water source.

STATE OF SOUTH DAKOTA) SS

County of TURNER

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, HANSEN PROPERTIES, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Applicant's signature

Roger L. Hansen
do a HANSEN
PROPERTIES

Subscribed and sworn to before me this

10TH day of

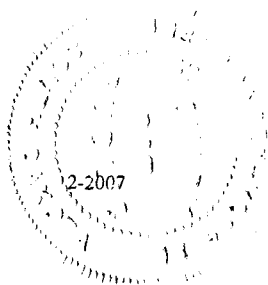
MARCH

20 08

Notary Public signature

[Signature]

MY COMMISSION
EXPIRES: 3/12/2010



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 16" Depth 151' & 157'
- b) Casing Type Schedule 40 Diameter ~~80~~ 8" Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material SEE well data sheets on both wells
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
On applicants property _____ On property owned by others _____

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

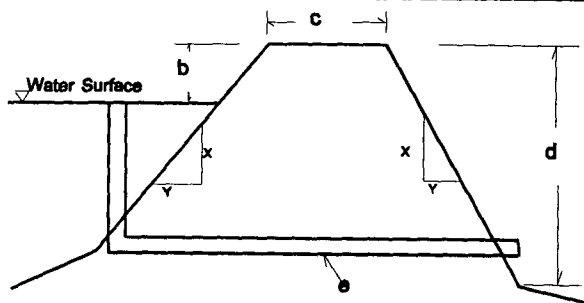
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

APPLICATION NO. 1 (Pivot Nos. 31 and 32)

This is an application to authorize an additional well for the two small pivots at your house. The well information from the driller indicates that the two wells combined will not exceed the permitted diversion rate authorized by Permit No. 6822-3.

I believe that once submitted, Water Rights will be able to process this application administratively to authorize the additional well. This will mean no application filing fee if the Chief Engineer can make a finding that the change will not adversely impair an existing right.

ACTION: Sign application form and have notarized.

FEE: none

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location se 1/4 ne 1/4 Sec 27 Twp 95n Rg 52w

County

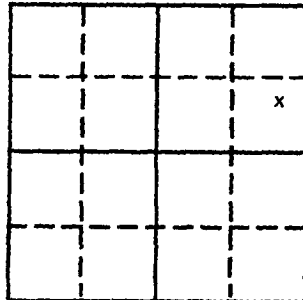
clay

North

Please mark well
location with an "X"

W

E



1 Mile

Well Completion Date

7/27/2007

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 800.0 ft. from septic system (Identify source)

PROPOSED USE:

☐ Domestic/Stock Irrigation
☐ Municipal Industrial
☐ Business Institutional
☐ Test Holes Monitoring well

METHOD OF DRILLING:

direct rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT LB/FT	DIAMETER IN	FROM FT	TO FT	HOLE DIAMETER IN
	8.00	0.0	121.0	13.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight Lb/gal	From Ft	To Ft
Bent grt	15	9.5	0.0	115.0

Describe grouting procedure
Tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 8.00 Inches Length 30.0 FeetMaterial PVC slottedSlot Size .060 Set From 121.0 Feet to 151.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH tablets
☐ No, Why Not?
Lab sample sent to for
water quality analysisWell Owner: Roger HansenBusiness Name: Hansen PropertiesAddress: Box BCity, State, Zip: Centerville SD 57014

WELL LOG:

DEPTH

FORMATION	FROM	TO
topsoil, Dk Brn, Silty	0	1
Clay, brown, silty, pebbly	1	34
Clay, gray, silty pebbly	34	62
gravel, medium to coarse, sandy	62	171

STATIC WATER LEVEL 61.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

68.0 Ft. After 2.0 Hrs. pumped 230.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 230.0 GPM

REMARKS

RECEIVED

FEB 1 2008

WATER RIGHTS
PROGRAM

This well was drilled under license #

666

And this report is true and accurate.

Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 1-26-08

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

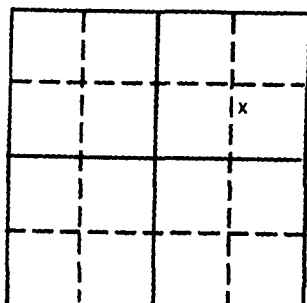
Location se $\frac{1}{4}$ ne $\frac{1}{4}$ Sec 27 Twp 95n Rg 52wCounty
clay

North

Please mark well
location with an "X"

W

E



1 Mile

Well Completion Date

7/26/2007

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? 1,000.0 ft. from septic system (identify source)

PROPOSED USE:

☐ Domestic/Stock Irrigation
 ☐ Municipal Industrial
 ☐ Business Institutional
 ☐ Test Holes Monitoring well

METHOD OF DRILLING:

direct rotary

CASING DATA:

☐ Steel
 ☒ Plastic
 ☐ Other

If other describe

PIPEWEIGHT LB/FT	DIAMETER IN	FROM FT	TO FT	HOLE DIAMETER IN
	8.00	0.0	127.0	13.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight Lb/gal	From Ft	To Ft
Bent grt	15	9.5	0.0	121.0

Describe grouting procedure
Tremie method

SCREEN:

☐ Perforated pipe
 ☒ Manufactured
 Diameter 8.00 Inches Length 30.0 FeetMaterial PVC slottedSlot Size .060 Set From 127.0 Feet to 157.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes
 ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH tablets
☐ No, Why Not?
Lab sample sent to for water quality analysis
Well Owner: Roger HansenBusiness Name: Hansen PropertiesAddress: Box BCity, State, Zip: Centerville SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
topsoil, Dk Brn, Silty	0	1
Clay, brown, silty, pebbly	1	32
Clay, gray, silty pebbly	32	72
gravel, medium to coarse, sandy	72	173

STATIC WATER LEVEL 58.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

64.0 Ft. After 2.0 Hrs. pumped 220.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 230.0 GPM

REMARKS

RECEIVED

FEB - 1 2008

WATER RIGHTS
PROGRAM 666

This well was drilled under license #

And this report is true and accurate.

Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 1-26-08



0 500 1,000 2,000 3,000 4,000 Feet

Water Permit No. 6822-3 appropriated 500 gpm from one well to serve the two irrigation systems. Two wells were completed each capable of diverting 230 gpm so that each system will run independently of each other.

This application requests authorization for an additional diversion point.



RECEIVED

MAR 14 2008

WATER RIGHTS
PROGRAM

Eric Gronlund PE
Water Rights Program, DENR

Approval of Additional Diversion Point

NAME: Hansen Properties, c/o Roger Hansen**ADDRESS:** Box B, Centerville SD 57014**DATE:** April 28, 2008**COUNTY:** Clay**TELEPHONE:** 605 563-2212

Hansen Properties has made a request to authorize the additional well developed for the irrigation of land authorized by Water Permit No. 6822-3.

Water Permit No. 6822-3 appropriates 1.11 cubic feet of water per second from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 150 feet deep) located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, T95N, R52W to irrigate 36 acres located in the S $\frac{1}{2}$ NE $\frac{1}{4}$ Section 27, T95N, R52W. The permit has a priority date of February 20, 2007.

The request states that two wells were completed to supply the two small center pivots. Each well is capable of producing 230 gpm for a total of 460 gpm (1.02 cfs). The wells were completed to a depth of 151 and 157 feet deep.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The water source remains the Lower Vermillion Missouri Aquifer. No additional water is to be appropriated by this request. The request states each well produces 230 gpm. Combined, these wells produce less than the 1.11 cfs authorized by the permit.

- **If irrigation, no new land is irrigated**

No additional land is to be irrigated above the 36 acres authorized by Water Permit No. 6822-3. This request is solely to authorize one additional well.

- **Review of Existing Diversions**

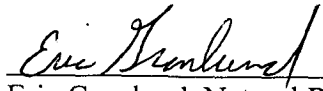
A review of existing diversions from the Lower Vermillion Missouri Aquifer in neighboring sections was conducted. This area has a number of water rights in place or being developed. The primary development has been by Hansen Properties. There is one water right (No. 1813-3) located three quarters of a mile north that is not owned by Hansen Properties. This water right is held by Richard Myers. The other water rights in the neighboring section are held by Hansen Properties

The Water Rights Program's database of well completion reports was also reviewed. Driller reports for two domestic wells were found. A 360 foot deep well located in Section 22. The report did not specify were in the section this well is located. There is also a 109 foot domestic well located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 28. This review of database records does not include well reports that were not filed nor does it provide an indication whether the domestic wells are still in use.

The original report on this application stated that interference is not expected to be a concern. Observation well records indicate that drawdown is not significant in the area. It is not anticipated that this additional well will change this conclusion. Since the two wells are in close proximity to each other, approval of this additional well will not move the well closer to pre-existing wells.

RECOMMENDED ACTION

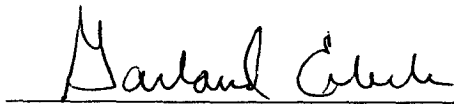
Based on the above criteria, it is recommended that the one additional diversion point be authorized pursuant to SDCL 46-5-13.1.



Eric Gronlund, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This additional diversion point does not increase the potential for adverse effects to existing diversions.



Garland Erbele, Chief Engineer
Water Rights Program



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 29, 2008

Roger Hansen
Hansen Properties
Box B
Centerville SD 57014

Dear Mr. Hansen:

I am writing in regard to Hansen Properties request to authorize one additional well for irrigation authorized by Water Permit No. 6822-3. This is for the two small irrigation system located at your home place.

Water Permit No. 1.11 cubic feet of water per second from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 150 feet deep) located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, T95N, R52W to irrigate 36 acres located in the S $\frac{1}{2}$ NE $\frac{1}{4}$ Section 27, T95N, R52W. The permit has a priority date of February 20, 2007.

Upon review of the request and pursuant to SDCL 46-5-13.1, the additional well to be completed into the Lower Vermillion Missouri Aquifer is authorized without application or publication of a notice of hearing. The additional wells will be located in the S $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 27, T95N, R52W.

No additional appropriation above the 1.11 cfs (500 gpm) currently authorized by Water Permit No. 6822-3 is authorized. If the combined diversion rate from the wells exceeds 1.11 cfs, a new water permit must be obtained.

If you have any questions, please contact Eric Gronlund at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program



6822-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

January 23, 2009

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014
FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2008 Irrigation Questionnaires

Our records indicate that the 2008 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 24, 2008. The Water Management Board has directed that owners of water permits who have not submitted the 2008 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 215-3, 229-3, 973-3 & 974-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 6563-3, 6565-3, 6566-3, 6567-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811-3, 6812-3, 6813-3, 6814-3, 6815-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6920-3, 6921-3, 6822-3, 7001-3, 7002-3 & 7003-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **10:00 am, March 11, 2009** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6563-3, 6565-3, 6566-3, 6567-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811-3, 6812-3, 6813-3, 6814-3, 6815-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6920-3, 6921-3, 6822-3, 7001-3, 7002-3 & 7003-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 215-3, 229-3, 973-3 & 974-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office on/or before **March 6, 2009**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:

<https://www.state.sd.us/eforms/secure/eforms/E0455V7-IQ.pdf>

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

February 23, 2009

Roger Hansen
Hansen Properties
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

I am writing to acknowledge receipt of your 2008 irrigation questionnaires. The questionnaires were received on February 20th. You may disregard the January 23, 2009, "Notice" concerning reporting requirements for Water Permit or Right Nos. 215-3, 229-3, 973-3, 974-3, 6563-3, 6565-3, 6566-3, 6567-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811-3, 6812-3, 6813-3, 6814-3, 6815-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6920-3, 6921-3, 6822-3, 7001-3, 7002-3 & 7003-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

We have also received the "Notice of Transfer of Ownership" form and filing fee you submitted for Water Right No. 1813-3. The transfer has been completed. The water right formerly held by Richard and Carole K Myers is now listed in your name.

Enclosed is your Receipt No. 04039 in the amount of \$2.50 which you paid for filing the ownership change. You may keep this for your records.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us



6822-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

January 15, 2016

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014
FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2015 Irrigation Questionnaires

Our records indicate your 2015 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 23, 2015. The Water Management Board has directed that owners of water permits who have not submitted the 2015 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 973-3, 974-3 & 1813-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6820A-3, 6821-3, 6822-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3 & 7995-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Thursday, March 3, 2016 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6820A-3, 6821-3, 6822-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3 & 7995-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 973-3, 974-3 & 1813-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 3, 2016** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



6822-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

January 25, 2016

Roger A Hansen
Hansen Properties
PO Box B
Centerville SD 57014

RE: Water Right or Permit Nos. 973-3, 974-3, 1813-3, 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6820A-3, 6821-3, 6822-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3 & 7995-3 for Hansen Properties and Water Permit Nos. 8070-3, 8071-3 & 8072-3 for Hanson Irrigated Farms LLC

Dear Mr. Hansen:

I am writing to acknowledge receipt of your 2015 irrigation questionnaires.

You may disregard the January 15, 2016, "Notice" concerning reporting requirements for the above listed water rights and water permits. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

8071-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

January 22, 2021

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2020 Irrigation Questionnaire(s)

Our records indicate your 2020 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6822-3, 8070-3 & 8071-3. The request for the Questionnaire was dated October 23, 2020. The Water Management Board has directed that owners of water permits who have not submitted the 2020 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6822-3, 8070-3 & 8071-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 3, 2021 at 10:00 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6822-3, 8070-3 & 8071-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 3, 2021** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://denr.sd.gov/ig> using this password: TNQFSE**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

March 4, 2021

NOTICE OF ENTRY OF ORDER FOR ONE YEAR SUSPENSION OF WATER PERMITS

TO: Roger Hansen, Hansen Properties, PO Box B, Centerville SD 57014

FROM: Eric Gronlund, Chief Engineer *Eric Gronlund*
Water Rights Program

SUBJECT: One Year Suspension of Water Permit Nos. 6822-3, 8070-3 & 8071-3

On March 3, 2021, the Water Management Board ordered:

Effective April 3, 2021, Water Permit Nos. 6822-3, 8070-3 & 8071-3 be suspended for the 2021 irrigation season for failure to submit the 2020 irrigation questionnaires.

If the 2020 irrigation questionnaires are received prior to April 3, 2021, the suspensions will not take effect.

Suspension of a water permit or right means water may not be pumped during the 2021 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2021 unless the 2020 irrigation questionnaires are submitted by April 3, 2021.

After April 3rd, you may petition the Water Management Board to rescind the suspensions. You will need to submit the 2020 irrigation questionnaires and a letter to our office requesting time on the agenda for the next Water Management Board meeting scheduled for May 5-6, 2021 in Pierre, SD. The letter should include your reasons for not completing the 2020 irrigation questionnaires. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Water Rights Staff will conduct compliance checks of suspended water rights this summer to determine if irrigation is taking place.

Please contact Genny McMath (605) 773-3352, if you have any questions.

Certification

I hereby certify that on March 4, 2021, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated March 4, 2021 regarding Water Management Board action taken March 3, 2021 for Irrigation Questionnaire violations addressed as stated below:

Amendments:

No. 1994-3: Albert Hattum, 21862 W Bend Rd, Harrold SD 57536
 No. 4332-3: Kash Van Dyke, 22071 486th Ave, Elkton SD 57026

One Year Suspensions:

No. 515-3: Bruce D Peterson, 3600 S Slaten Park Dr, Sioux Falls SD 57103
 Daniel Benson, 45586 US Hwy 18, Hurley SD 57036
 No. 577-1: Max & Brenda Bowen, 17600 Kentucky Pl, Mud Butte SD 57758
 No. 5524-3: Wade & Todd Druin, 30911 457th Ave, Volin SD 57072-6322
 No. 1554A-1: Franklin Dyck, 313 Pierre St, Vale SD 57788
 No. 1935-1: Brian Dyck, 313 Pierre St, Vale SD 57788
 No. 2675-3: Beau Gregg, 22289 Mint Rd, Harrold SD 57536
 Nos. 6822-3, 8070-3 & 8071-3: Roger Hansen, Hansen Properties, PO Box B, Centerville SD 57014
 No. 1150-2: O M Iwan & Sons, 24912 Rocky Ford Rd, Midland SD 57552
 Nos. 4678-3 & 6960-3: Craig Jepsen, Jepsen Farms, 505 Larson St SW, Hutchinson MN 55350-2108
 Nos. 5566-3, 7615-3 & 7616-3: Wayne Reiersen, 30048 Reiersen Pl, Pollock SD 57648
 No. 2350-3: Bill Boyer, River View Farms, PO Box 486, Alcester SD 57001-0486
 No. 2497-2: Marty Vanderploeg, 22958 293rd St., Martin SD 57551

Three Year Suspensions:

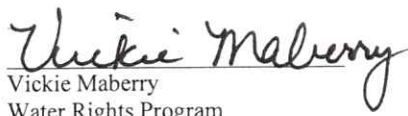
No. 4472-3: Darrel Biddle, 37461 287th St, Geddes SD 57342
 No. 7970-3: David Hoops, PO Box 462, Huron SD 57350-0462

Suspend/Amend

Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3, 974-3 & 1813-3:
 • Roger Hansen, Hansen Ventures LLC, 700 W Broadway, Centerville SD 57014

Nos. 4705-3, 7924-3, 3803-3 & 4448-3A

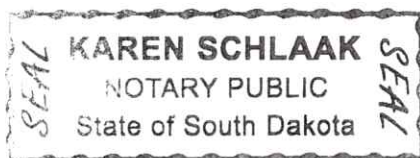
- Brandon Ritter, 30489 115th St, Mound City SD 57646
- Iverson Farms, A Ltd Partnership, 30856 119th St, Mound City SD 57646


 Vickie Maberry
 Water Rights Program

STATE OF SOUTH DAKOTA)
) SS
 COUNTY OF HUGHES)

Sworn to, before me, this 4th day of March, 2021.


 Karen Schlaak
 Notary Public
 My Commission expires April 1, 2025



8071-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

April 6, 2021

Roger Hansen
Hansen Ventures LLC
PO Box B
Centerville SD 57014

RE: Water Permit/Right Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3, 8070-3 and 8071-3

Dear Mr. Hansen:

On March 3, 2021, the Water Management Board ordered Water Permit/Right Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3, 8070-3 and 8071-3 suspended if the 2020 irrigation questionnaires were not received prior to April 3, 2021.

The questionnaire information for the above listed permits and rights was received on April 1st. Since the irrigation questionnaires are on file, no violations have occurred, and no suspensions will take place. You may irrigate during the 2021 irrigation season.

In the future, the Board may not grant the additional 30-day grace period after the hearing is held. I would caution you against waiting so long to get the forms in.

If you have any questions, please contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Genny McMath".

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

January 22, 2021

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2020 Irrigation Questionnaire(s)

Our records indicate your 2020 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6822-3, 8070-3 & 8071-3. The request for the Questionnaire was dated October 23, 2020. The Water Management Board has directed that owners of water permits who have not submitted the 2020 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6822-3, 8070-3 & 8071-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 3, 2021 at 10:00 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6822-3, 8070-3 & 8071-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 3, 2021** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://denr.sd.gov/iq> using this password: TNQFSE**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

6822-3

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HANSEN PROPERTIES ROGER A HANSEN PO BOX B CENTERVILLE SD 57014	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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6822-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

March 4, 2021

NOTICE OF ENTRY OF ORDER FOR ONE YEAR SUSPENSION OF WATER PERMITS

TO: Roger Hansen, Hansen Properties, PO Box B, Centerville SD 57014

FROM: Eric Gronlund, Chief Engineer *Eric Gronlund*
Water Rights Program

SUBJECT: One Year Suspension of Water Permit Nos. 6822-3, 8070-3 & 8071-3

On March 3, 2021, the Water Management Board ordered:

Effective April 3, 2021, Water Permit Nos. 6822-3, 8070-3 & 8071-3 be suspended for the 2021 irrigation season for failure to submit the 2020 irrigation questionnaires.

If the 2020 irrigation questionnaires are received prior to April 3, 2021, the suspensions will not take effect.

Suspension of a water permit or right means water may not be pumped during the 2021 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2021 unless the 2020 irrigation questionnaires are submitted by April 3, 2021.

After April 3rd, you may petition the Water Management Board to rescind the suspensions. You will need to submit the 2020 irrigation questionnaires and a letter to our office requesting time on the agenda for the next Water Management Board meeting scheduled for May 5-6, 2021 in Pierre, SD. The letter should include your reasons for not completing the 2020 irrigation questionnaires. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Water Rights Staff will conduct compliance checks of suspended water rights this summer to determine if irrigation is taking place.

Please contact Genny McMath (605) 773-3352, if you have any questions.

6822-3

Certification

I hereby certify that on March 4, 2021, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated March 4, 2021 regarding Water Management Board action taken March 3, 2021 for Irrigation Questionnaire violations addressed as stated below:

Amendments:

No. 1994-3: Albert Hattum, 21862 W Bend Rd, Harrold SD 57536
No. 4332-3: Kash Van Dyke, 22071 486th Ave, Elkton SD 57026

One Year Suspensions:

No. 515-3: Bruce D Peterson, 3600 S Slaten Park Dr, Sioux Falls SD 57103
Daniel Benson, 45586 US Hwy 18, Hurley SD 57036
No. 577-1: Max & Brenda Bowen, 17600 Kentucky Pl, Mud Butte SD 57758
No. 5524-3: Wade & Todd Druin, 30911 457th Ave, Volin SD 57072-6322
No. 1554A-1: Franklin Dyck, 313 Pierre St, Vale SD 57788
No. 1935-1: Brian Dyck, 313 Pierre St, Vale SD 57788
No. 2675-3: Beau Gregg, 22289 Mint Rd, Harrold SD 57536
Nos. 6822-3, 8070-3 & 8071-3: Roger Hansen, Hansen Properties, PO Box B, Centerville SD 57014
No. 1150-2: O M Iwan & Sons, 24912 Rocky Ford Rd, Midland SD 57552
Nos. 4678-3 & 6960-3: Craig Jepsen, Jepsen Farms, 505 Larson St SW, Hutchinson MN 55350-2108
Nos. 5566-3, 7615-3 & 7616-3: Wayne Reiersen, 30048 Reiersen Pl, Pollock SD 57648
No. 2350-3: Bill Boyer, River View Farms, PO Box 486, Alcester SD 57001-0486
No. 2497-2: Marty Vanderploeg, 22958 293rd St., Martin SD 57551

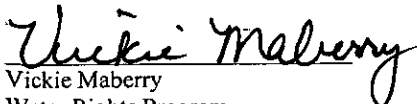
Three Year Suspensions:

No. 4472-3: Darrel Biddle, 37461 287th St, Geddes SD 57342
No. 7970-3: David Hoops, PO Box 462, Huron SD 57350-0462

Suspend/Amend

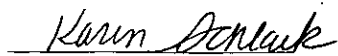
Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3, 974-3 & 1813-3:
• Roger Hansen, Hansen Ventures LLC, 700 W Broadway, Centerville SD 57014

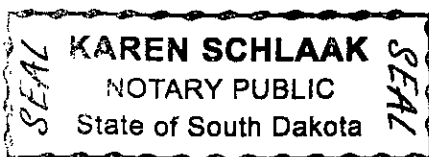
Nos. 4705-3, 7924-3, 3803-3 & 4448-3A
• Brandon Ritter, 30489 115th St, Mound City SD 57646
• Iverson Farms, A Ltd Partnership, 30856 119th St, Mound City SD 57646


Vickie Maberry
Water Rights Program

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 4th day of March, 2021.


Karen Schlaak
Notary Public
My Commission expires April 1, 2025



6822-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

April 6, 2021

Roger Hansen
Hansen Ventures LLC
PO Box B
Centerville SD 57014

RE: Water Permit/Right Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3, 8070-3 and 8071-3

Dear Mr. Hansen:

On March 3, 2021, the Water Management Board ordered Water Permit/Right Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3, 8070-3 and 8071-3 suspended if the 2020 irrigation questionnaires were not received prior to April 3, 2021.

The questionnaire information for the above listed permits and rights was received on April 1st. Since the irrigation questionnaires are on file, no violations have occurred, and no suspensions will take place. You may irrigate during the 2021 irrigation season.

In the future, the Board may not grant the additional 30-day grace period after the hearing is held. I would caution you against waiting so long to get the forms in.

If you have any questions, please contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "Genny McMath".

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 20, 2022

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2021 Irrigation Questionnaire(s)

Our records indicate your 2021 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6822-3, 8070-3 & 8071-3. The request for the Questionnaire was dated October 22, 2021. The Water Management Board has directed that owners of water permits who have not submitted the 2021 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6822-3, 8070-3 & 8071-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **Wednesday, March 2, 2022 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6822-3, 8070-3 & 8071-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 2, 2022** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: RJZLFL**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

6822-3



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

February 16, 2022

Roger A Hansen
700 Broadway
Centerville SD 57014

RE: Water Right/Permit Nos. 974-3, 1813-3, 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3
7003-3, 7383-3, 7693-3, 7994-3, 8070-3 & 8071-3

Dear Mr. Hansen:

I am writing to acknowledge receipt of your 2021 irrigation questionnaires. The forms were all submitted online by PBP Farms.

You may disregard the January 20, 2022, "Notice" concerning reporting requirements for the above listed water permits or water rights. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

Please do not forget to complete and return all the transfer forms sent to you. **The above are still listed under MetaBank, Hansen Irrigated Farms or Hansen Properties.** It is very important to keep ownership records up to date. If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 14, 2025

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014

FROM: Ron Duvall, Engineer III
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2024 Irrigation Questionnaire(s)

Our records indicate your 2024 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6822-3, 8070-3 & 8071-3. The request for the Questionnaire was dated October 23, 2024. The Water Management Board has directed owners of water permits who have not submitted the 2024 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6822-3, 8070-3 & 8071-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held on **Wednesday, March 5, 2025, at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6822-3, 8070-3 & 8071-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 5, 2025**, hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Amanda Dewell at (605) 773-3352 or email at amanda.dewell@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: FVCUDR**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

Water Rights Program File Documentation

Permit/Right No. and Owner:

Permit No.	Owner	Status	Uses
973-3	Nicholas & Courtney Blake	License	Irrigation
974-3	Hansen Ventures LLC	License	Irrigation
1813-3	Hansen Ventures LLC	License	Irrigation
1916-3	Troy & Sheila Gust	License	Irrigation
3905-3	Clay Rural Water System Inc	License	Rural Water System
4731-3	Richard & Gayle Johnson	License	Irrigation
5979-3	Clay Rural Water System Inc	License	Rural Water System
6563-3	Rus Farms Real Estate LLC	License	Irrigation
6565-3	Rus Farms Real Estate LLC	License	Irrigation
6566-3	Hansen Ventures LLC	License	Irrigation
6569-3	Smit Family Trust	Permit	Irrigation
6571-3	Rus Farms Real Estate LLC	License	Irrigation
6572-3	Brad & Linda Trudeau Living Trust	License	Irrigation
6808-3	Lovejoy Family Trust	License	Irrigation
6813-3	Rus Farms Real Estate LLC	License	Irrigation
6815A-3	Rus Farms Real Estate LLC	License	Irrigation
6817-3	Hansen Ventures LLC	Permit	Irrigation
6818-3	Hansen Ventures LLC	Permit	Irrigation
6819-3	Hansen Ventures LLC	License	Irrigation
6821-3	Tim Gregoire	License	Irrigation
6822-3	Hansen Properties	Permit	Irrigation
7001-3	Rus Farms Real Estate LLC	License	Irrigation
7003-3	Hansen Ventures LLC	License	Irrigation
7383-3	Hansen Ventures LLC	Permit	Irrigation
7693-3	Hansen Ventures LLC	Permit	Irrigation

Date: January 14, 2025

County: Clay

RE: aquifer designation

COMMENTS:

Jensen (2025) as part of a review of the Lower Vermillion Missouri aquifer (LVM) determined that Water Right Nos. 973-3, 974-3, 1813-3, 1916-3, 3905-3, 4731-3, 5979-3, 6563-3, 6565-3, 6566-3, 6569-3, 6571-3, 6572-3, 6808-3, 6813-3, 6815A-3, 6817-3, 6818-3, 6819-3, 6821-3, 6822-3, 7001-3, 7003-3, 7383-3, & 7693-3, should have the aquifer reassigned. In reviewing the best information currently available for aquifer and management unit naming

conventions, the best aquifer designation for Water Rights previously listed is the Southern management unit of the Upper Vermillion Missouri aquifer (UVM:S) shown in Figure 1.

This change of aquifer designation, to the Southern management unit of the Upper Vermillion Missouri aquifer, does not represent a physical change in the water source. It is an update to the name of the aquifer materials to reflect the currently best available information for aquifer extents. This update to the aquifer name does not authorize any increase in the amount of water appropriated by Water Right Nos. 973-3, 974-3, 1813-3, 1916-3, 3905-3, 4731-3, 5979-3, 6563-3, 6565-3, 6566-3, 6569-3, 6571-3, 6572-3, 6808-3, 6813-3, 6815A-3, 6817-3, 6818-3, 6819-3, 6821-3, 6822-3, 7001-3, 7003-3, 7383-3, & 7693-3, relocation of existing wells, or completion of additional wells into the aquifer. Going forward, issuance of any pertinent documents will reflect the updated aquifer designation.

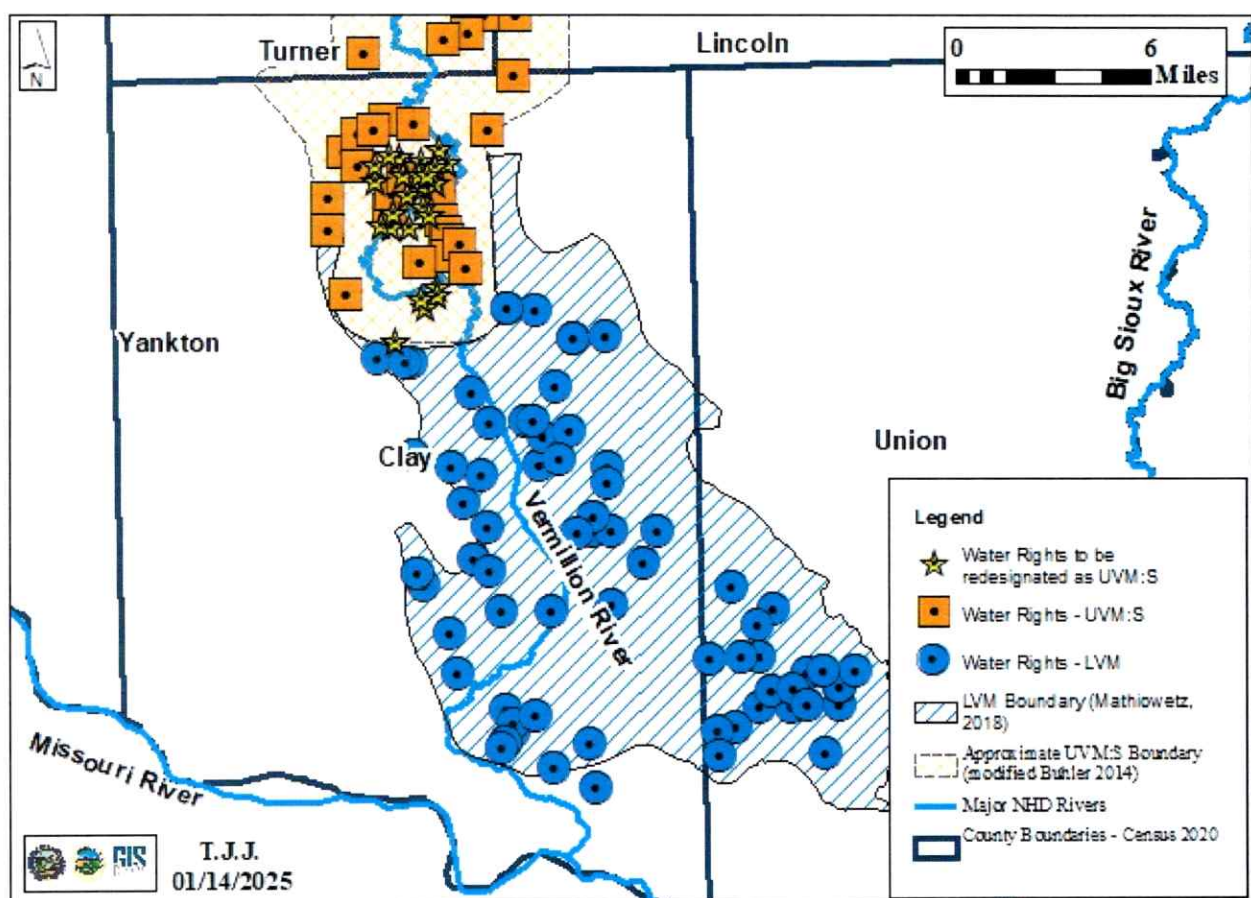


Figure 1. Map of the approximate Upper Vermillion Missouri: South aquifer boundary (Buhler, 2014), map of the approximate Lower Vermillion Missouri aquifer boundary (Mathiowetz, 2018), Water Rights/Permits for Upper Vermillion Missouri: South aquifer, Water Rights/Permits for Lower Vermillion Missouri aquifer, and Water Rights/Permits for Upper Vermillion Missouri: South aquifer previously assigned Lower Vermillion Missouri aquifer.



Tyler Jensen
Natural Resources Engineer I



Eric Gronlund
Chief Engineer

References

Buhler, K. A. 2014. Report to the Chief Engineer on 21 Water Permit Applications from the Upper Vermillion Missouri Aquifer. SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.

Jensen, T. 2025. Report to the Chief Engineer on Water Permit Application No. 8910-3. SD DANR-Water Rights Program. Joe Foss Building, Pierre, South Dakota.

Mathiowetz, A. 2018. Report to the Chief Engineer on Water Permit Application 8335-3. Natural Resource Engineer IV, SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 28, 2025

974-3, 1813-3, 6566-3, 6817-3
6818-3, 6819-3, 6822-3, 7003-3
7383-3, 7693-3, 7994-3, 8070-3 & 8071-3

Roger Hansen
700 Broadway St
Centerville SD 57014

Dear Mr. Hansen:

I am writing to acknowledge the receipt of one of your 2024 irrigation questionnaires, submitted by John Landeen.

You may disregard the January 14, 2025, "Notice" concerning the reporting requirements for Water Permit No(s). 8070-3. The information was received prior to the March 5, 2025, Water Management Board meeting and the above listed permit number(s) have been removed from the agenda.

Reporting requirements have however not been met for Permit Nos. 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3 & 8071-3, which are still scheduled to be reviewed by the Board.

If you have any questions or concerns, please contact me.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

February 4, 2025

974-3, 1813-3, 6566-3
6817-3, 6818-3, 6819-3
6822-3, 7003-3, 7383-3
7693-3, 7994-3, 8071-3

PBP Farms
c/o Brett Petersen
45656 US HWY 18
Hurley SD 57036

Dear Mr. Petersen:

I am writing to acknowledge the receipt of your 2024 irrigation questionnaire(s).

You may disregard the January 14, 2025, "Notice" concerning the reporting requirements for Water Permit No(s). 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3 & 8071-3. The information was received prior to the March 5, 2025, Water Management Board meeting and the above listed permit number(s) have been removed from the agenda.

If you have any questions or concerns, please contact me.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

cc: ROGER HANSEN, 700 BROADWAY ST, CENTERVILLE SD 57014

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 6822-3

I have this day, December 3, 2024, made a thorough examination of the water use system owned by Hansen Properties, Box B, Centerville, SD 57014, holder of Permit No. 6822-3, bearing the priority date of February 20, 2007. This permit authorizes the diversion of 1.11 cu. ft. per second total from two wells of the waters of groundwater (Lower Vermillion Missouri Aquifer) authorizing the irrigation of 36 acres located in Clay County.

Inspection contacts: Roger Hansen and Brett Petersen

A. Works used to divert the water:

Well Information: (West Well)

- 1) Well Drilling Firm: Hammond-Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 157 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 8 inches
- 2) Length: 127 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 8 inches
- 2) Length: 30 feet
- 3) Type: PVC
- 4) Static water level: 58 feet

Pump:

- 1) Make: Grundfos
- 2) Model: 230S100-4BC
- 3) Capacity: 200 gpm

Motor:

- 1) Make: Franklin
- 2) Model No.: Unknown
- 3) Horsepower rating: 10 hp

Well Information: (East Well)

- 1) Well Drilling Firm: Hammond-Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 151 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 8 inches
- 2) Length: 121 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 8 inches
- 2) Length: 30 feet
- 3) Type: PVC
- 4) Static water level: 61 feet

Pump:

- 1) Make: Grundfos
- 2) Model: 230S100-4BC
- 3) Capacity: 200 gpm

Motor:

- 1) Make: Franklin
- 2) Model No.: Unknown
- 3) Horsepower rating: 10 hp

B. Works used to transport water to place of use:

- | | | |
|---------------------|-----------------------|--|
| 1) Type: <u>PVC</u> | Size: <u>4</u> inches | Length: <u>120</u> feet (<u>West Well to West Pivot</u>) |
| 2) Type: <u>PVC</u> | Size: <u>4</u> inches | Length: <u>510</u> feet (<u>East Well to East Pivot</u>) |
| 3) Type: <u>PVC</u> | Size: <u>3</u> inches | Length: <u>130</u> feet (<u>East Well to a Pond</u>) |

C. Works used to apply water to beneficial use:**Center Pivot: (West Pivot)**

- 1) Make: Zimmatic
- 2) Overall length: 472 feet
- 3) Number of towers: 4
- 4) End gun: Yes Range: 67 feet
- 5) Capacity: 200 gpm

Chemigation Equipment:

- 1) Does chemigate: No

Center Pivot: (East Pivot)

- 1) Make: Zimmatic
- 2) Overall length: 507 feet
- 3) Number of towers: 5
- 4) End gun: Yes Range: 67 feet
- 5) Capacity: 200 gpm

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: No
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period: Yes
- 3) Exceptions to compliance are: The east well also discharges into a pond.

E. Condition and Location:

- 1) The system is in good condition with the point(s) of diversion located as follows:
The west well is 2,070 feet south and 1,930 feet west of the northeast corner of Section 27-T95N-R52W (Latitude 43.02013, Longitude -96.97008– SW1/4 of the NE1/4).
The east well is 1,840 feet south and 970 feet west of the northeast corner of Section 27-T95N-R52W (Latitude 43.02077, Longitude -96.96661– SE1/4 of the NE1/4).
- 2) The works are capable of diverting and conveying to the places of use 0.89 cu. ft. per second of water from the well which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows: All in

Section 27-T95N-R52W

<u>SW1/4NE1/4</u>	<u>13 acre</u>
<u>SE1/4NE1/4</u>	<u>22 acres</u>

comprising a total of 35 acres of land and the license should be issued for 0.89 cfs.

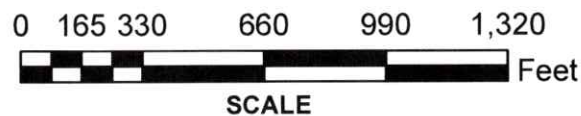
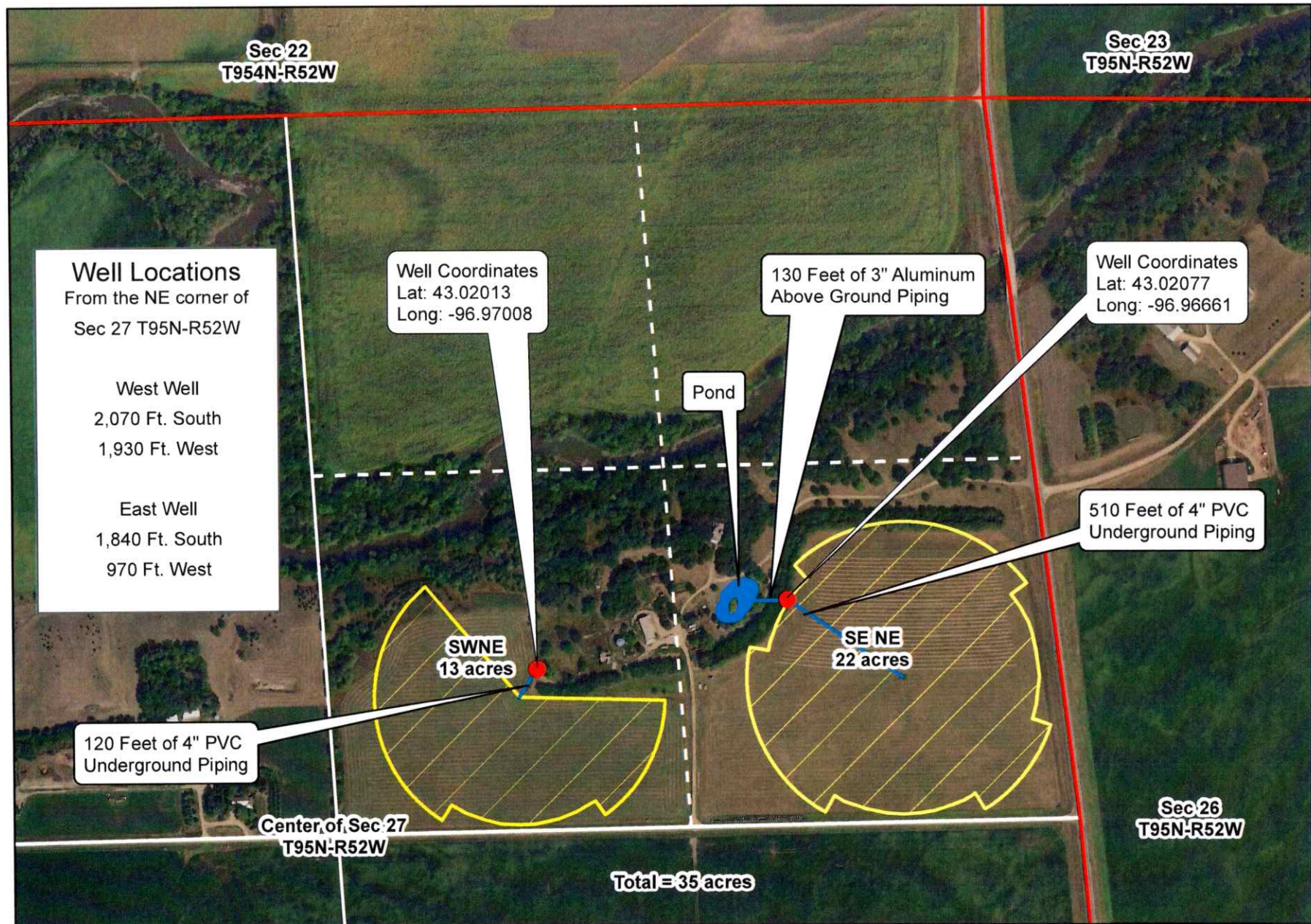
- 3) All structures, wells and lands on map: Yes

F. Comments or other permit(s) associated with the project: The pump and motor information was obtained from Heine Electric and Irrigation, Inc. Also, the east well is connected to piping that discharges into a pond that is about 0.3 acres in size.

Keith DeJong, PE Ret.
Water Rights Inspector
DANR, Water Rights Program

Date report completed: December 6, 2024

Water Permit No. 6822-3



Keith DeJong
Keith DeJong, PE Ret.
Staff Engineer
December 3, 2024

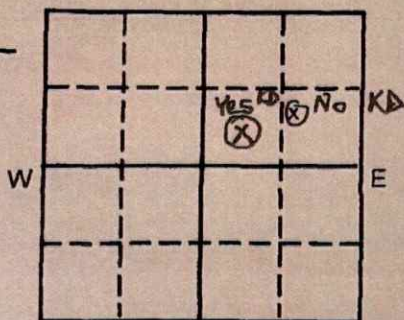
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location se $\frac{1}{4}$ ne $\frac{1}{4}$ Sec 27 Twp 95n Rg 52w

County clay

North



Please mark well location with an "X"

Well Completion Date

7/26/2007

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

1,000.0 ft. from septic system (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

direct rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	8.00 IN	0.0 FT	127.0 FT	13.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Bent grt	15	9.5 Lb/gal	0.0 Ft	121.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

Tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 8.00 Inches Length 30.0 Feet

Material PVC slotted

Slot Size .060 Set From 127.0 Feet to 157.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH tablets

☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Roger Hansen

Business Name: Hansen Properties

Address: Box B

City, State, Zip: Centerville SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
topsoil, Dk Brn, Silty	0	1
Clay, brown, silty, pebbly	1	32
Clay, gray, silty pebbly	32	72
gravel, medium to coarse, sandy	72	173

STATIC WATER LEVEL 58.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:

☐ Bailed

☐ Other

Pumping Level Below Land Surface

64.0 Ft. After 2.0 Hrs. pumped 220.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 230.0 GPM

REMARKS

RECEIVED

FEB - 1 2008

WATER RIGHTS
PROGRAM 666

This well was drilled under license #

And this report is true and accurate.

Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

R. Hansen

Signature of Well Owner or Equitable Property Holder.

Date: 1-26-08

-  Irrigation Locations by Pivot Number
-  Additional Pivot #44 on new ground
-  New Ground

JAN 07 2015

**WATER RIGHTS
PROGRAM**

