

**WATER PERMIT NO. 7257-3**

Name of Applicant: James Amdahl

Address: 14997 453<sup>rd</sup> Ave, Summit SD Phone: 605 398-6451

Amount of Water Claimed: 3.00 Total Acres: 264

Source of Water Supply: groundwater (2 wells)

Water to be used for: irrigation County: Grant

Type of Waste Disposal System: na

Location: 27 miles west of Milbank

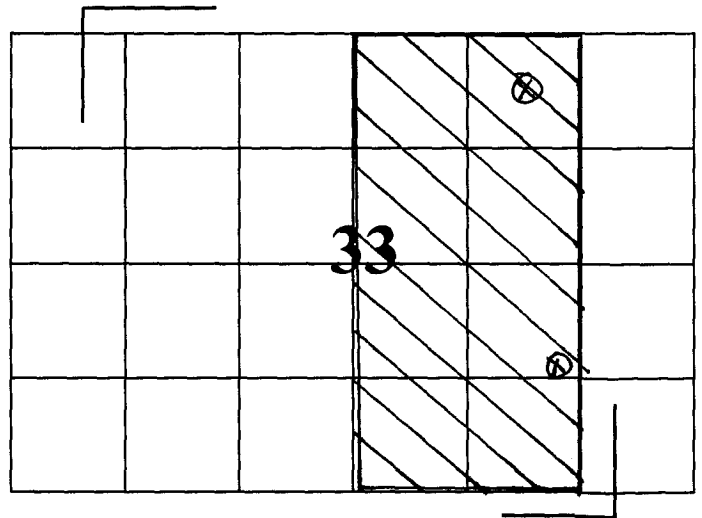
PRIORITY Date Received: 6-10-11 Application/License Fee: \$1250.00

Corrected Application Received: Period of Annual Use: April 1 – September 30

Remarks: Water Permit No. 7065-3 authorizes 2 wells from a different formation for irrigation of the same lands.

Diversion Point: NE ¼ SE ¼, NE ¼ NE ¼ Sec 33-  
T121N-R52W

Land to be Irrigated: E ½ Sec 33-T121N-R52W



Depth of Well: 60 feet

Well Driller: Wieber Well Drilling

Remarks:

Type of Map: aerial

Prepared by: Joel Foster, Grant Co FSA

Reviewed and the Number Assigned on: 6-13-11

By: Karen Schlaak

Notice of Hearing - date to intervene: \_\_\_\_\_

## FORM 2: Application for irrigation in South Dakota

(type or print)

|                                                                                                                 |                                                                        |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Mail to:<br>PMB 2020<br>DENR - Water Rights<br>523 E Capitol Ave<br>Pierre, SD 57501-3182<br>ph. (605) 773-3352 | No. <u>7257-3</u> (office use only)<br>Hydrologic Unit <u>07020001</u> |
|                                                                                                                 | Basin <u>Minnesota Whetstone</u>                                       |
|                                                                                                                 | Newspaper <u>Grant Co. Review PO Box 390</u>                           |
|                                                                                                                 | <u>605-432-4516</u> <u>mileage 57252</u>                               |

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JUN 10 2011

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## 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.)

Permit a well originally thought to be authorized by Water Permit No. 7065-3 but was drilled into a shallower source necessitating a new permit for this well.

1. Name of Applicant James Amdahl Phone 605 398-6451  
(check one) ☒ Owner ☐ Tenant/lessee  
Mailing Address 14997 453rd Avenue Summit SD 57266  
(Address) (City) (State) (Zip Code)
2. Amount of water claimed 3.00 \*CFS or 1350 \*\*GPM \*\*\*AF Total Acreage 264  
(\*Cubic Feet per Second) (\*\*Gallons per minute) (\*\*\*)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply Big Sioux North Aquifer - 2 wells
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Grant  
NE 1/4 SE 1/4 Section 33, T121N, R52W  
NE 1/4 NE 1/4 Section 33, T121N, R52W
5. County or counties where water will be used Grant
6. Annual period during which water is to be used April 1 - September 30
7. 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 |
|--------------------------------------|-------|------------------|-------|
| same land as Water Permit No. 7065-3 | 264   |                  |       |
|                                      |       |                  |       |
|                                      |       |                  |       |
|                                      |       |                  |       |

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

Water Permit No. 7065-3 authorized two wells to be completed into the Prairie Coteau Aquifer. However, one well was drilled into this aquifer while ample water was found in the shallower Big Sioux:North Aquifer so the second well was developed into this different source. This application seeks authorization for this one well in the Big Sioux:North Aquifer. Applicant seeks permit to insure proper legal standing for the shallow well.

STATE OF SOUTH DAKOTA )  
County of \_\_\_\_\_ ) SS

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

I, James Amdahl, 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 James AmdahlSubscribed and sworn to before me this 9<sup>th</sup> day of June 20 11

Notary Public signature

Commission expires 1-9-13

**SOUTH DAKOTA  
WATER PERMIT NO. 7257-3**

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Date of first receipt of application June 10, 2011.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7257-3 to James Amdahl, 14997 453<sup>rd</sup> Ave, Summit SD 57266 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. 7257-3 appropriates 3.00 cubic feet of water per second (cfs) from two wells completed into the Big Sioux:North Aquifer (60 feet deep) located in NE ¼ SE ¼, NE ¼ NE ¼ Section 33 for irrigation of 264 acres located in the E ½ Section 33; all in T121N-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 – September 30.
3. The date from which applicant may claim right is June 10, 2011.
4. The date of approval of Permit No. 7257-3 is September 19, 2011.
5. One-fifth of the construction is to be completed on or before March 19, 2014.
6. All construction is to be completed on or before September 19, 2016.
7. Water is to be put to beneficial use on or before September 19, 2020.
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 wells 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.
2. The new well authorized by Permit No. 7257-3 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. Combinations of diversion authorized by Water Permit Nos. 7065-3 and 7257-3 may not exceed 1.0 cfs per 70 acres.
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

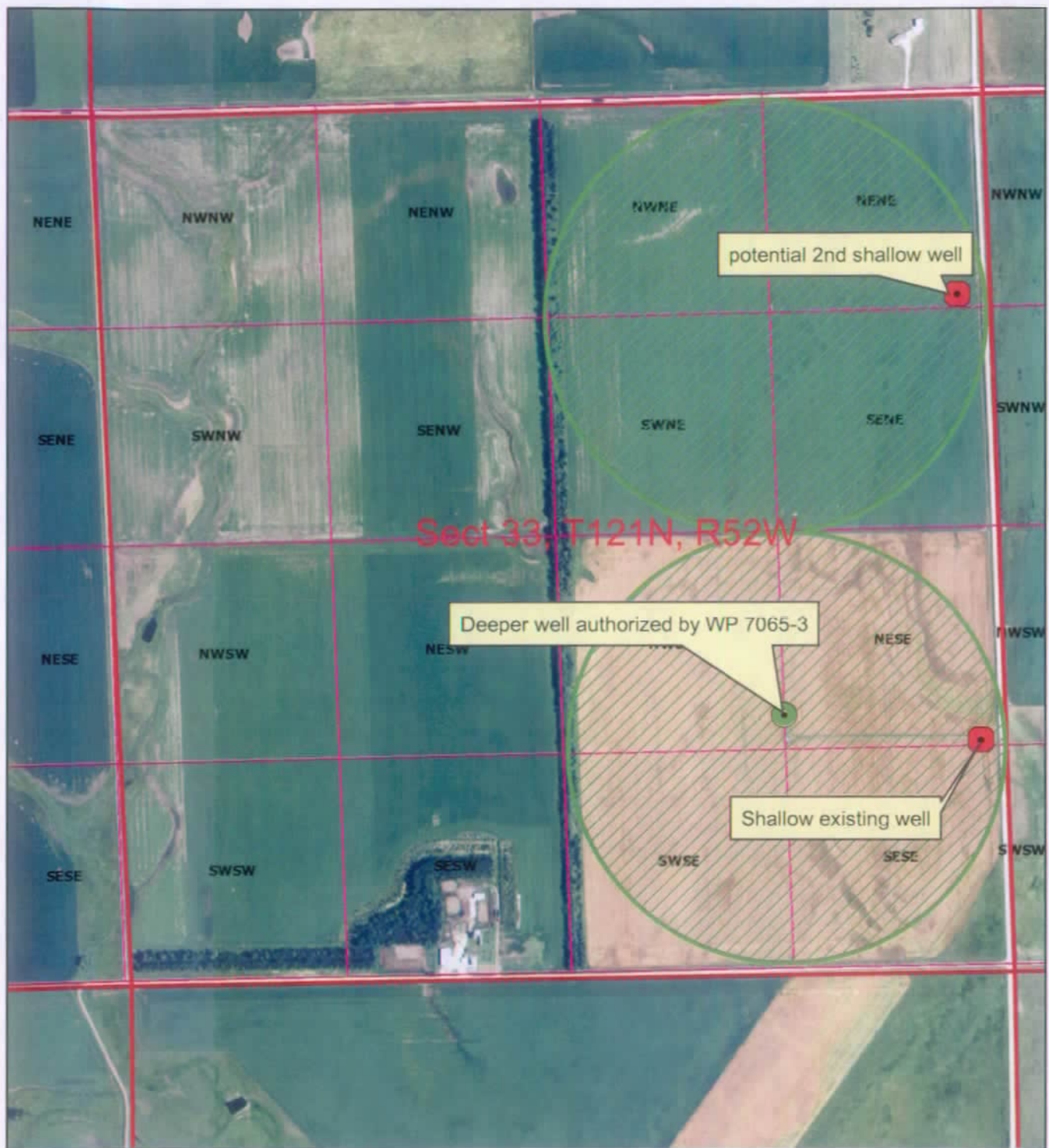
Department of Environment and Natural Resources

JAN 10 2012

date



Water Permit Application for James Amdahl for well completed in the Big Sioux North Aquifer

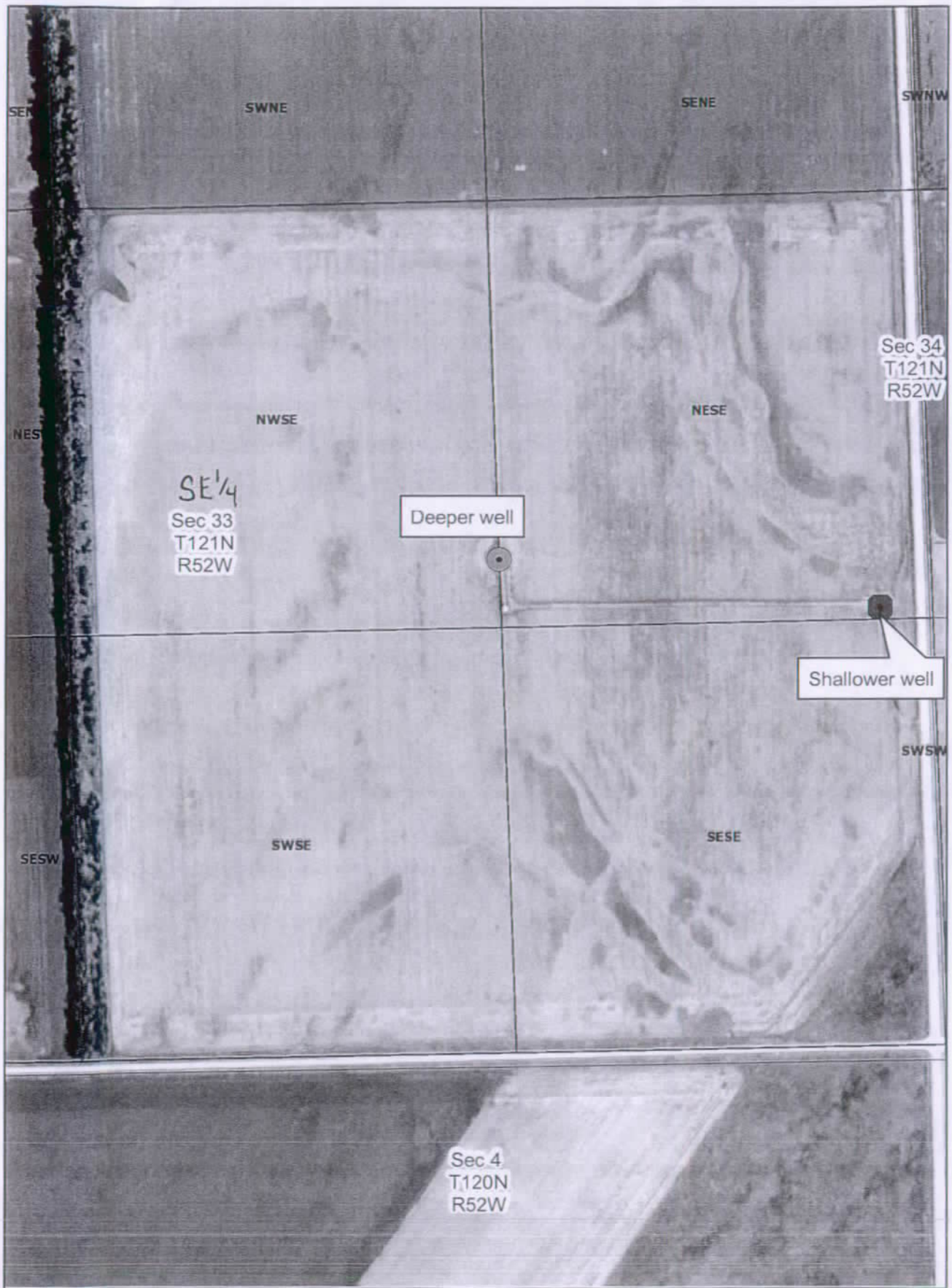


0 305 610 1,220 1,830 2,440 Feet



Same acres as authorized by Water Permit No. 7065-3

*Eric Gronlund*  
Eric Gronlund  
Water Rights Program, DENR  
June 13, 2011  
based on representation made by  
Mr. Amdahl



**07-92**

Date: 2/30/10

Shallow Well

# Pitless Unit and Pump Record

Well Owner:

Name Jim Amdahl

Date of Installation: 7/1/10

Address 14997 453rd Ave, Summit, S.D.

2. Location:

County Grant

SE 1/4, NW 1/4, SE 1/4 Section 33, Township 121, N., Range 52 West

3. Well Head Completion:

Pitless Unit brand name none, diameter \_\_\_\_\_ in., type of joint \_\_\_\_\_

depth of joint \_\_\_\_\_, inches above grade \_\_\_\_\_, other \_\_\_\_\_

4. Pump:

Type: submersible ☒, jet \_\_\_\_\_, cylinder \_\_\_\_\_, turbine \_\_\_\_\_, other \_\_\_\_\_

Manufacturer's name Franklin

Model No. 550 STB HP 40 Volts 460 3 PH.

Pump setting (depth), 42', pumping rate 550 gpm.

Is well vented? yes ☒ no \_\_\_\_\_ Is there a measuring port? yes ☒ no \_\_\_\_\_

5. Pressure tank (if installed) Yes \_\_\_\_\_ No ☒.

Manufacturer's name \_\_\_\_\_ Model No. \_\_\_\_\_ Capacity \_\_\_\_\_ gallons.

above ground \_\_\_\_\_, below ground \_\_\_\_\_.

Pressure rating of pipe between well and tank \_\_\_\_\_.

6. Was well and other plumbing disinfected upon completion? Yes \_\_\_\_\_ No ☒.

## Installers Certification

This installation was installed under my jurisdiction and this report is true to the best of my knowledge.

Wieber Well Drilling

INSTALLER OR FIRM NAME

Lidgerwood, N.D. 58053

ADDRESS

Janey Wieber

SIGNED BY

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FEB - 2 2011

WATER RIGHTS  
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480

CERTIFICATE NO.

12/30/10

DATE

Deeper Well

# Pitless Unit and Pump Record

1. Well Owner:

Name Jim Amidahl Date of Installation: 7/2/10  
Address 14997 453rd Ave, Summit, SD.

2. Location:

County Grant  
SW 1/4, NE 1/4, SE 1/4 Section 33, Township 121, N., Range 52 West

3. Well Head Completion:

Pitless Unit brand name NONE, diameter X in., type of joint \_\_\_\_\_  
depth of joint \_\_\_\_\_, inches above grade X, other \_\_\_\_\_

4. Pump:

Type: submersible X, jet \_\_\_\_\_, cylinder \_\_\_\_\_, turbine \_\_\_\_\_, other \_\_\_\_\_  
Manufacturer's name Franklin  
Model No. 225 ST8 HP 20 Volts 460 3 PH  
Pump setting (depth), 138', pumping rate 225 gpm.  
Is well vented? yes X no \_\_\_\_\_, Is there a measuring port? yes X no \_\_\_\_\_

5. Pressure tank (if installed) Yes \_\_\_\_\_ No X.

Manufacturer's name \_\_\_\_\_ Model No. \_\_\_\_\_ Capacity \_\_\_\_\_ gallons \_\_\_\_\_  
above ground \_\_\_\_\_, below ground \_\_\_\_\_  
Pressure rating of pipe between well and tank \_\_\_\_\_

6. Was well and other plumbing disinfected upon completion? Yes \_\_\_\_\_ No X.

Installers Certification

This installation was installed under my jurisdiction and this report is true to the best of my knowledge.

Wieber Well Drilling  
INSTALLER OR FIRM NAME

Lidgerwood, N.D. 58053  
ADDRESS

Jerry Wieber  
SIGNED BY

RECEIVED

FEB - 2 2011

WATER RIGHTS  
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480  
CERTIFICATE NO.

12/30/10  
DATE

# RECEIPT

## WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 6/10, 2011

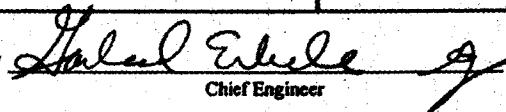
RECEIVED OF Amdahl Farms Inc 14997 453rd Ave Summit SD 57266

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

|                                                                                                                        |       |         |
|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Fee for Application for Permit No. <u>7257-3</u> to Appropriate Water, to construct and to put water to beneficial use | 1050  | 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>7257-3</u>            | 200   | 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 | 1250 00 |

No. **04991**

By

  
Chief Engineer



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

May 23, 2011

James Amdahl  
14997 453<sup>rd</sup> Avenue  
Summit SD 57266

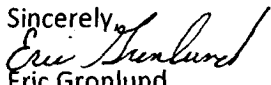
Dear Mr. Amdahl:

Water Permit No. 7065-3 was obtained in 2008 appropriating water from two wells to be completed into the Prairie Coteau Aquifer to irrigate the E ½ of Section 33, T121N, R52W. A copy of the water permit and submitted application are enclosed. The depths of the wells were to be approximately 175 feet deep based on previous test drilling.

A well was drilled in 2010 and the driller filed one completion report in February 2011 (copy enclosed). The completion report indicates this well is drilled to a depth of 61 feet. Based on the depth this well is completed into the North Management Unit of the Big Sioux Aquifer. Water Permit No. 7065-3 was processed and public noticed for the Prairie Coteau Aquifer. The discrepancy in the water source brings the status of the water permit into question. DENR permits by water source and the fact that a different water source was developed will require a new water permit to be obtained for the correct source. This is to protect your legal right to continued use of the water by insuring the proper source was evaluated and public noticed prior to issuance of the permit.

Complicating the matter somewhat is the fact that Water Permit No. 7065-3 was issued for two wells and our records indicate that only one well has been constructed thus far. The question then becomes is a second well to be completed and if so which water source will it be completed into. If it is drilled into the shallower Big Sioux North Aquifer, then the application should reflect that. On the other hand, if the well is completed into the deeper Prairie Coteau Aquifer, the existing Permit No. 7065-3 covers that as long as it is completed by the November 17, 2013, the date to complete construction of works as listed on the permit.

DENR wants to work with you to get the proper permitting in place. Enclosed is a partially completed application form. Please understand that the partially completed application will need to reflect whether one or two wells are planned for the shallower aquifer. Please feel free to contact me if you have questions regarding permitting.

Sincerely,  
  
Eric Gronlund  
Water Rights Program, DENR  
605 773-3352  
[Eric.gronlund@state.sd.us](mailto:Eric.gronlund@state.sd.us)

enclosures



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

June 3, 2011

James Amdahl  
14997 453<sup>rd</sup> Avenue  
Summit SD 57266

Dear Mr. Amdahl:

Attached is a partially completed application form to apply for the well developed into the North Management Unit of the Big Sioux Aquifer instead of the Prairie Coteau Aquifer.

The application states under Item No. 2 that the amount of appropriation is 550 gallons per minute (gpm). This is based on the pump record submitted by the driller when the well completion report was submitted for the shallower well. Does this sound correct? If not, you will need to change this to the amount the well actually produces.

While our records do not show a well completion report ever being submitted for the deeper well, I did find the attached pump record. This indicates the pump in this well produces 225 gpm. Does this match your understanding of the wells production?

I have attached a map showing the SE ¼ of Section 33. Does this reflect the approximate location of the wells and is the reference to which is the deep well and which is the shallow well correct?

If the application looks correct, please sign in the presence of a notary public. The application fee for 264 acres is \$1,250. This is a much greater application filing fee than you paid in 2008 due to fee increases enacted in 2009. Enclosed is an envelope for your use.

If you have any questions, please contact me.

Sincerely,

Eric Gronlund  
Water Rights Program, DENR  
605 773-3352  
[Eric.gronlund@state.sd.us](mailto:Eric.gronlund@state.sd.us)

enclosures



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT  
APPLICATION NO. 7257-3, James Amdahl**

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. 7257-3, James Amdahl, 14997 453<sup>rd</sup> Avenue, Summit SD 57266.

The Chief Engineer is recommending APPROVAL of Application No. 7257-3 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 qualifications:

1. The wells 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.
2. The new well authorized by Permit No. 7257-3 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. Combinations of diversion authorized by Water Permit Nos. 7065-3 and 7257-3 may not exceed 1.0 cfs per 70 acres
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  
August 18, 2011

## REPORT ON WATER PERMIT APPLICATION NO. 7257-3

For James Amdahl

August 11, 2011

Application No. 7257-3 proposes to appropriate 3.00 cfs (1,350 gpm) from two wells approximately 60 feet deep located in the NE  $\frac{1}{4}$  SE  $\frac{1}{4}$ , NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of section 33 for irrigation of 264 acres located in the E  $\frac{1}{2}$  of section 33; all in T121N R52W in Grant County and within the former boundaries of the Sisseton Wahpeton Indian Reservation. Water Permit No. 7065-3 authorizes irrigation of the same acreage from a different water source. Combinations of diversions authorized by Water Permit No. 7065-3 and this application, if approved, may not exceed 1.0 cfs for each 70 acres irrigated.

### AQUIFER – BIG SIOUX NORTH (BS-N)

The Big Sioux North is a surficial aquifer (sand and gravel) under predominantly water table conditions in this area. The aquifer underlies 61.7 square miles in Roberts, Codington and Grant Counties and contains an estimated 88,450 acre-feet of water in storage (Thompson, 2001). This study area was limited to the former boundaries of the Sisseton Wahpeton Indian Reservation so the extent of the aquifer is greater in southern Codington County. Putnam reported an aquifer area of 150 square miles for Codington and Grant Counties combined. The aquifer is hydraulically connected to the Big Sioux River, area tributaries and many area lakes. The aquifer is primarily limited to the floodplain of the Big Sioux River and its tributaries (Hansen, 1990). Recharge to the aquifer probably averages about 5.53 inches per year (Putnam, 1996). Ground water movement is primarily from north to south however locally movement is toward the Big Sioux River (Hansen, 1990).

The driller's well completion report provided with the application indicates aquifer material from basically the surface to a depth of 61 feet. The static water level was 10 feet below land surface the well was capable of producing 600 gpm with about 20 feet of drawdown. This would equate to a specific capacity of 30 gpm/ft of drawdown which should be sufficient to maintain the requested diversion rate.

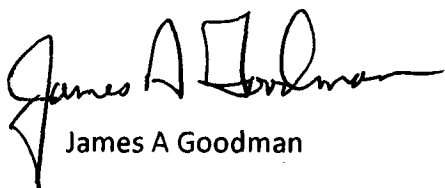
The Water Rights Program monitors three observation wells completed into the Big Sioux aquifer within four miles of this application. GT-77B is located about 3 miles northwest, GT-77D is located about two miles west and GT-76A is located about two miles south all from this application. Water levels for these observation wells indicate recharge does occur and follow climatic patterns well. The wells rise during wet years (recharge) and gradually decline during dry years. The effects of pumping are not obvious even though there are existing irrigation wells located near these observation wells. Hydrographs for these observations wells are included with this report (Water Rights, 2011).

## REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing Water Permits/Rights using the Big Sioux aquifer as a water source are located more than two miles distant from this application. At that distance pumping at these requested rates is not expected to cause any adverse effects. Historically pumping from this aquifer has not impacted water levels to any large extent. Drought (lack of recharge) appears to have a far greater effect on water levels than any diversions in this area. Interference is not expected to be a concern.

## CONCLUSIONS

1. Water is available from the Big Sioux North aquifer.
2. The aquifer is under water table conditions in this area. Drawdown created by pumping is not expected to be significant very far from the individual production well. Interference is not expected to be concern.
3. One of these wells has been constructed and is completed in accordance with SD Well Construction Standards.
4. Because these same lands can also be irrigated from another water source (Water Permit No. 7065-3) the combined diversion rates from those wells and this application cannot exceed 1 cfs for each 70 acres (SDCL 46-5-6).



James A Goodman

Natural Resources Engineer

## BIBLIOGRAPHY

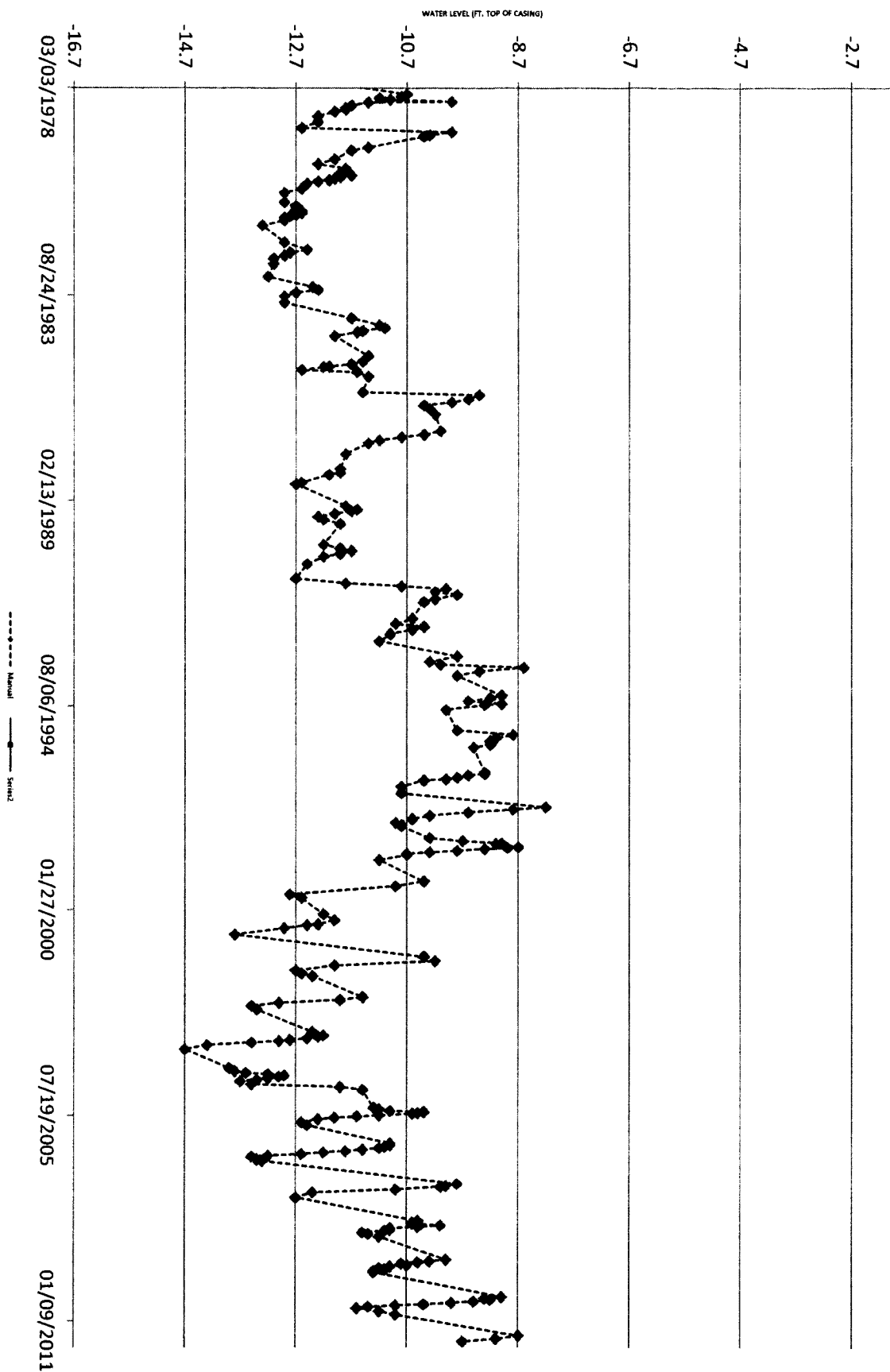
Hansen, D.S., 1990, Water Resources of Codington and Grant Counties, South Dakota, Water-Resources Investigations Report 89-4147, USGS, Huron, SD, 57350.

Putnam, L.D., R.C. Thompson, 1996, Appraisal of the Water Resources of the Big Sioux Aquifer, Codington and Grant Counties, South Dakota, Water-Resources Investigations Report 96-4275, USGS, Rapid City, SD, 57702.

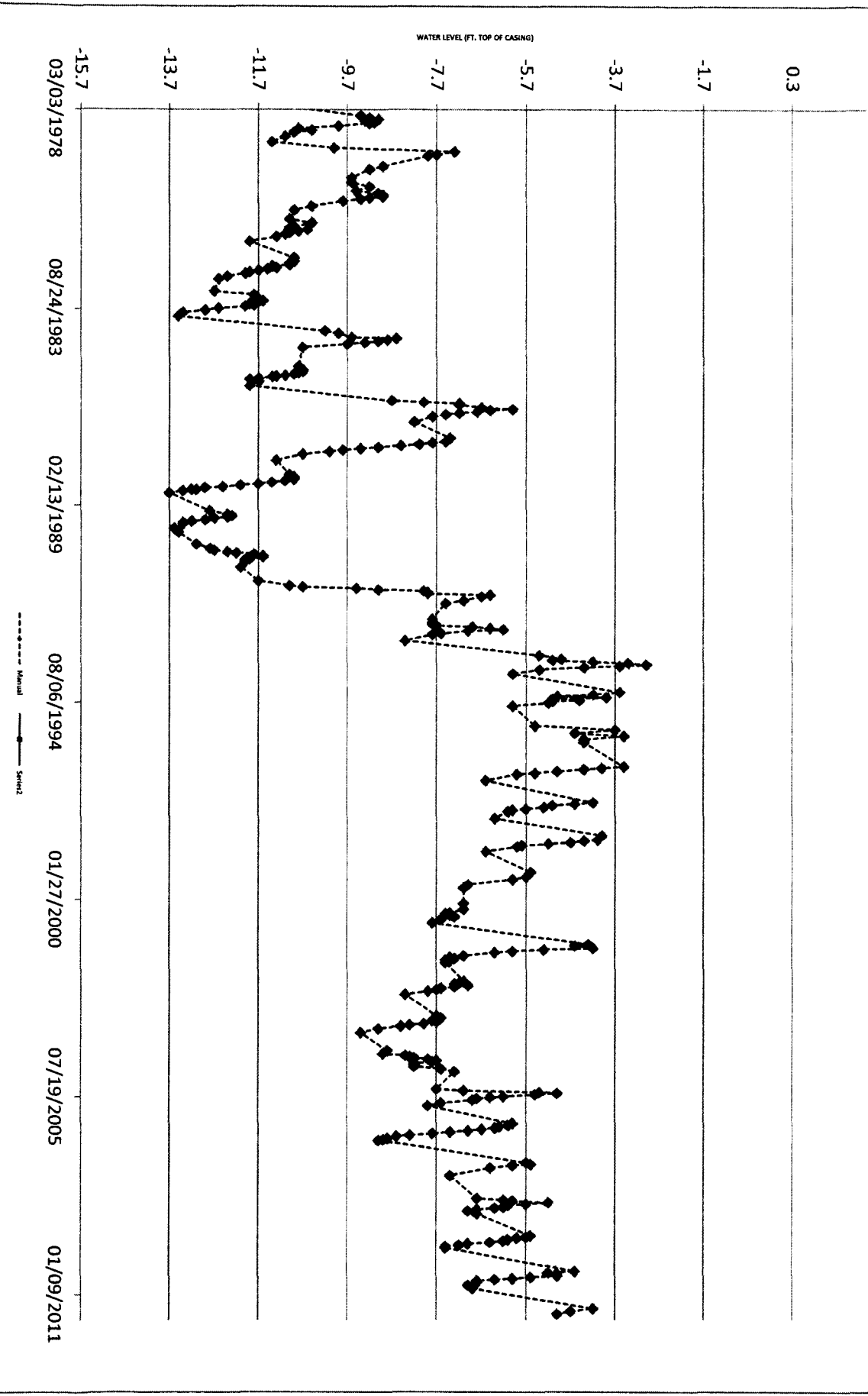
Thompson, R.F., 2001, Water Resources of the Lake Traverse Reservation, South and North Dakota, and Roberts County, South Dakota, Water-Resources Investigations Report 01-4219, USGS, Rapid City, SD, 57702.

Water Rights, 2011, Unpublished Observation Well Data for Grant County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

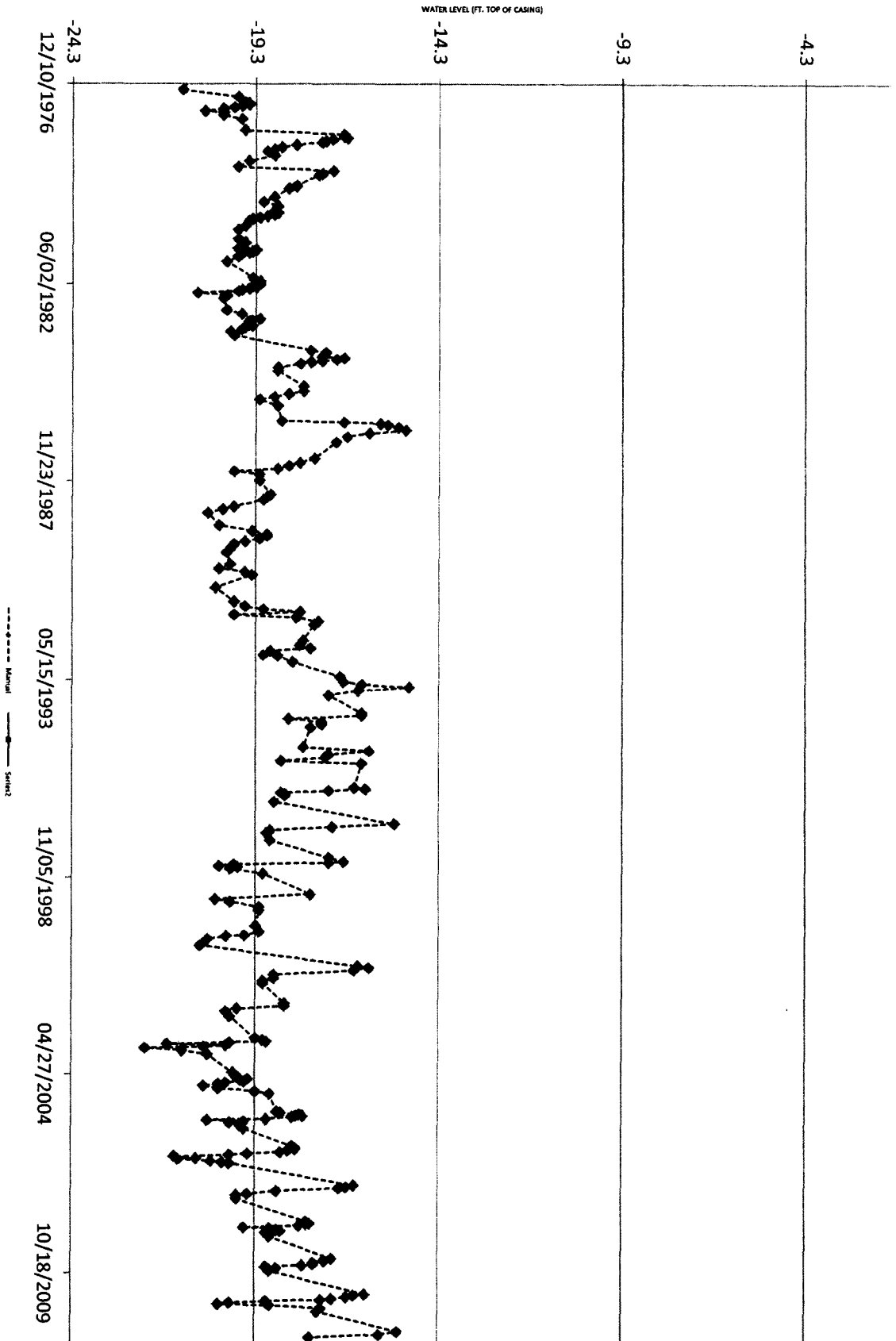
# WATER RIGHTS' OBSERVATION WELL GT-77B



# WATER RIGHTS' OBSERVATION WELL GT-77D



# WATER RIGHTS' OBSERVATION WELL GT-76A



# Printer's Affidavit of Publication

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STATE OF SOUTH DAKOTA  
COUNTY OF GRANT

} ss.

SEP - 9 2011

WATER RIGHTS  
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Pauline Hicks

of said County and State, being first duly sworn, on oath says that the Grant County Review is a legal weekly newspaper of general circulation, printed and published in Milbank, in said County of Grant and State of South Dakota, by Phyllis Justice, and has been such newspaper during the times hereinafter mentioned; that said newspaper is a legal newspaper; and that it has a bona fide circulation of more than two hundred copies weekly, and has been published within said County of Grant in the English language and has been admitted to the United States mail under second class mailing privilege, for at least one year next prior to the publication of the Notice herein mentioned, and has been printed wholly in an office maintained at the said place of publica-

tion, that I, the undersigned, Bookkeeper of said newspaper, in charge of the advertising department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed Notice of Application No. 7257-3 to Appropriate Water

a printed copy of which, taken from the paper in which the same was published, is attached to this sheet and is made a part of this Affidavit, was published in said newspaper at least once each week for two successive weeks, on the day of each week on which the said newspaper was regularly published, to-wit:

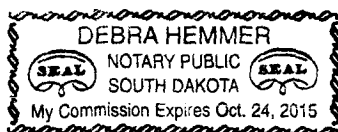
|                         |    |
|-------------------------|----|
| <u>August 31</u> 2011   | 20 |
| <u>September 7</u> 2011 | 20 |
| 20                      | 20 |

That \$ 47.35, being the full amount of the fee charged for the publication of said Notice, inures to the benefit of the publisher of the Grant County Review; that no agreement or understanding for the division thereof has been made with any person, and that no part has been agreed to be paid to any person whomsoever.

Pauline Hicks

Subscribed and sworn to before me this 7th day of Sept 20 11

Debra Hemmer  
Notary Public, Grant County, South Dakota



Publication Fee \$ 47.35  
Notarial Fee \$             
Total \$ 47.35

## NOTICE OF APPLICATION NO. 7257-3 to Appropriate Water

Notice is given that James Amdahl, 14997 453rd Ave, Summit SD 57266 has filed an application for a water permit to appropriate 3.00 cubic feet of water per second (cfs) from two wells completed into the Big Sioux: North Aquifer (60 feet deep) located in NE 1/4 SE 1/4, NE 1/4 NE 1/4 Section 33 for irrigation of 264 acres located in the E 1/2 Section 33; all in T121N-R52W. Water Permit No. 7065-3 authorizes irrigation of the same acreage from a different water formation. Combinations of diversions authorized by No. 7065-3 and this application, if approved, may not exceed 1.0 cfs for each 70 acres irrigated.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7257-3 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 this application, 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 this application or recommendation 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 September 19, 2011.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, 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 this application.

Steven M. Pirner,  
Secretary, Department of Environment and Natural Resources

Published twice at an approximate cost of \$47.35.

August 31 September 7



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

August 22, 2011

Grant County Review  
PO Box 390  
Milbank SD 57252

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7257-3 to Appropriate Water to be published twice. Please publish the first notice on August 31, 2011 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 James Amdahl, 14997 453<sup>rd</sup> Ave., Summit SD 57266 (Ph # 605-398-6451).

**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-----

No. 7257-3

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

Date \_\_\_\_\_

We are in receipt of your letter of August 22, 2011 enclosing Notice to Appropriate Water by Application No. 7257-3 which was first published in our issue of \_\_\_\_\_. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

\_\_\_\_\_  
Name

\_\_\_\_\_  
Newspaper



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
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[www.state.sd.us/denr](http://www.state.sd.us/denr)

NOTE: TO BE SURE OF PUBLICATION ON  
THE CORRECT DATES, CONTACT  
THE NEWSPAPER RIGHT AWAY.

August 22, 2011

James Amdahl  
14997 453<sup>rd</sup> Ave  
Summit SD 57266

Dear Mr. Amdahl:

Water Permit Application No. 7257-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Grant County Review printed at Milbank SD (Ph # 605-432-4516). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund  
Natural Resources Engineer  
(605) 773-3352  
[eric.gronlund@state.sd.us](mailto:eric.gronlund@state.sd.us)

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on August 31, 2011 with the second publication 7 days later. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

---

NOTICE OF APPLICATION NO. 7257-3 to Appropriate Water

Notice is given that James Amdahl, 14997 453<sup>rd</sup> Ave, Summit SD 57266 has filed an application for a water permit to appropriate 3.00 cubic feet of water per second (cfs) from two wells completed into the Big Sioux:North Aquifer (60 feet deep) located in NE ¼ SE ¼, NE ¼ NE ¼ Section 33 for irrigation of 264 acres located in the E ½ Section 33; all in T121N-R52W. Water Permit No. 7065-3 authorizes irrigation of the same acreage from a different water formation. Combinations of diversions authorized by No. 7065-3 and this application, if approved, may not exceed 1.0 cfs for each 70 acres irrigated.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7257-3 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 this application, 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 this application or recommendation 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 September 19, 2011.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, 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 this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published twice at the total approximate cost of\_\_\_\_\_.



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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[www.state.sd.us/denr](http://www.state.sd.us/denr)

JAN 10 2012

James Amdahl  
14997 453<sup>rd</sup> Ave  
Summit SD 57266

Dear Mr. Amdahl:

Enclosed is Water Permit No. 7257-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the 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

7257-3

RECEIVED

MAY 07 2012

WATER RIGHTS  
PROGRAM

Dear Water Board (Eric Ironlund)

I'm writing you to inform you that on the NE 1/4 of sec. 33 Blooming Valley Township, we had to dig a second well. The second well will be used as a helper well in case the first and bigger well gets weak in the fall.

Amdahl Farms Inc.

Jim Amdahl

(605-881-8304)

Application No. 7257-3

Permit No. 7065-3

James and Valerie Amdahl  
14997 453rd. Ave.  
Summit, S.D.



United States Department of Agriculture  
Farm Service Agency

November 07, 2011

**Grant County SD**

**PLSS: 33\_121N\_52W**

**2012**

**Farm: 4240**



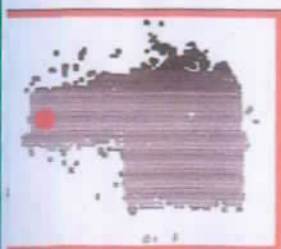
Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area.  
Refer to your original determination (CPA-026 and attached maps) for exact wetland  
boundaries and determinations, or contact NRCS.

2010 Orho-Photography - Not to Scale

RECEIVED

MAY 07 2012

WATER RIGHTS  
PROGRAM



**NOTICE OF COMPLETION OF WORKS AND  
APPLICATION OF WATER TO BENEFICIAL USE**Date 7-30-12TO: Water Rights Program, DENR  
523 E. Capitol  
Pierre, SD 57501-3181FROM: James J. Amdahl  
(name)  
14997 453rd Ave  
(address)  
Summit S.D. 57266-5106 881-8304  
(city, state, zip) 605-398-6451  
(phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

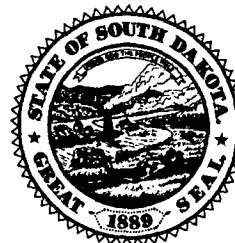
Water Permit No. 7257-3 states that the water use system is to be constructed by Sept. 19, 2016, and water is to be put to beneficial use by Sept 19, 2020.  
(date) (date)

The water use system was completed on June 2012.  
(date)

Applying the water to beneficial use was completed on July 1<sup>st</sup> 2012.  
(date)

You may schedule an investigation so that the water license may be issued.

James Amdahl  
(signature)





**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
PMB 2020  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

July 31, 2012

7257-3

James J Amdahl  
14997 453<sup>rd</sup> Ave  
Summit SD 57266-5106

Dear Mr. Amdahl:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with your irrigation system.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

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

# SOUTH DAKOTA WATER WELL COMPLETION REPORT

7257-2

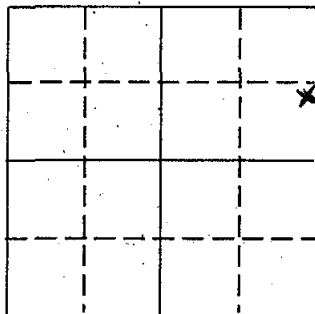
11-02

Location SE 1/4 NE 1/4 Sec 33 Twp 121-N Rg 52W

Well Owner: Jim Amdahl

County Graut

North



Please mark well location with an "X"

Well completion Date

5/30/12

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

5000 ft. from Septic (identify source)

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

## CASING DATA:

- ☐ Steel    ☒ Plastic    ☐ Other

If other describe

| PIPEWEIGHT | DIAMETER | FROM | TO    | HOLE DIAMETER |
|------------|----------|------|-------|---------------|
| 200 LB/FT  | 12" IN   | 0 FT | 28 FT | 17 3/8 IN     |
| LB/FT      | IN       | FT   | FT    | IN            |
| LB/FT      | IN       | FT   | FT    | IN            |

## GROUTING DATA:

| Grout Type        | No. of Sacks | Grout Weight     | From        | To          |
|-------------------|--------------|------------------|-------------|-------------|
| <u>Wick-grout</u> | <u>6</u>     | <u>10</u> Lb/gal | <u>0</u> Ft | <u>8</u> Ft |
|                   |              | Lb/gal           | Ft          | Ft          |

Describe grouting procedure Full hole grouting

## SCREEN:

- ☐ Perforated pipe    ☒ Manufactured

Diameter 12" Inches Length 20 Feet

Material PVC Eoer-Flo

Slot Size .110 Set From 28 Feet to 48 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?  
☒ No, Why Not?

Lab sample sent to for water quality analysis

Business Name:

Address1: 14997 453 AVE, Summit, S.D.

Address2:

City, State, Zip:

## WELL LOG:

| FORMATION                 | DEPTH     |           |
|---------------------------|-----------|-----------|
|                           | FROM      | TO        |
| <u>Black top soil</u>     | <u>0</u>  | <u>2</u>  |
| <u>yellow clay</u>        | <u>2</u>  | <u>10</u> |
| <u>gravel medium</u>      | <u>10</u> | <u>20</u> |
| <u>gravel coarse</u>      | <u>20</u> | <u>30</u> |
| <u>gravel very coarse</u> | <u>30</u> | <u>48</u> |
|                           |           |           |
|                           |           |           |
|                           |           |           |

## STATIC WATER LEVEL

16' 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? yes

## WELL TEST DATA:

- ☐ Pumped Describe: Air-line  
☐ Bailed  
☒ Other

Pumping Level Below Land Surface

17 Ft. After 2 Hrs. pumped 100 GPM

\_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate: 550 GPM

## REMARKS

NORTH well of two on 1/4  
5" observation well 10' north of well  
same formation as production well

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm: Wieber Well Drilling

Signature of License Representative:

Jerry Wieber

Signature of Well Owner or Equitable Property Holder:

Date: 1/30/13

**RECEIVED**

FEB 5 2013

Please return **WHITE COPY** to: DENR Water Rights, 523 E. Capitol Ave., Pierre SD 57501

WATER RIGHTS  
PROGRAM

## SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

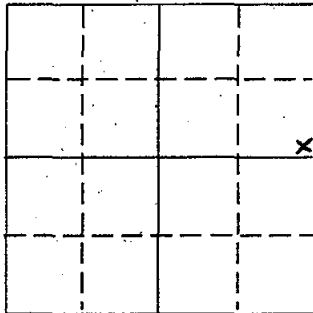
Location SE 1/4 NE 1/4 Sec 33 Twp 121-N Rg 52-WWell Owner: Jim Andahl

County

North

Grant

Please mark well location with an "X"



Well completion Date

5/30/12

← 1 Mile →

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

5000 ft. from Septic (identify source)

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

## CASING DATA:

- ☐ Steel    ☒ Plastic    ☐ Other

If other describe

| PIPEWEIGHT       | DIAMETER     | FROM        | TO           | HOLE DIAMETER    |
|------------------|--------------|-------------|--------------|------------------|
| <u>200</u> LB/FT | <u>12</u> IN | <u>0</u> FT | <u>58</u> FT | <u>17 3/8</u> IN |
| LB/FT            | IN           | FT          | FT           | IN               |
| LB/FT            | IN           | FT          | FT           | IN               |

## GROUTING DATA:

Grout Type quick-grout No. of Sacks 6 Grout Weight 10 Lb/gal From 0 Ft To 8 Ft

Describe grouting procedure Full hole top to bottom

## SCREEN:

- ☐ Perforated pipe    ☒ Manufactured

Diameter 12" Inches Length 20' FeetMaterial PVC Ever-FlowSlot Size 100 Set From 58 Feet to 78 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?  
☒ No, Why Not?

Lab sample sent to for water quality analysis

Business Name:

Address1:

14997 453 AVE, Summit, S.D.

Address2:

City, State, Zip:

## WELL LOG:

DEPTH

| FORMATION                 | FROM      | TO        |
|---------------------------|-----------|-----------|
| <u>top soil</u>           | <u>0</u>  | <u>2</u>  |
| <u>yellow clay</u>        | <u>2</u>  | <u>15</u> |
| <u>Blue clay</u>          | <u>15</u> | <u>30</u> |
| <u>clay</u>               | <u>30</u> | <u>40</u> |
| <u>sandy clay</u>         | <u>40</u> | <u>50</u> |
| <u>SAND medium coarse</u> | <u>50</u> | <u>78</u> |
|                           |           |           |
|                           |           |           |
|                           |           |           |

## STATIC WATER LEVEL

16

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?

yes

## WELL TEST DATA:

☐ Pumped

Describe:

Air line☐ Bailed☒ Other

Pumping Level Below Land Surface

19'

Ft. After

2

Hrs. pumped

120

GPM

Ft. After

Hrs. pumped

GPM

If pump installed, pump rate:

225

GPM

## REMARKS

South well of 2 well on 1/4"

5" observation well 15 East of production  
same formation of production well well

This well was drilled under license #

480

And this report is true and accurate.

Drilling firm:

Wieber Well Drilling

Signature of License Representative:

Jerry Wieber

Signature of Well Owner or Equitable Property Holder:

RECEIVED

Date:

1/30/13

FEB - 5 2013

Please return WHITE COPY to: DENR Water Rights, 523 E. Capitol Ave., Pierre SD 57501

WATER RIGHTS  
PROGRAM



**DEPARTMENT OF ENVIRONMENT  
and NATURAL RESOURCES**

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



October 31, 2014

7065-3  
7257-3

James Amdahl  
14962 453<sup>rd</sup> Ave  
Summit SD 57266 5106

Dear Mr. Amdahl:

Enclosed is a "Notice" dated October 17, 2014 concerning the 2014 irrigation questionnaires.

The notice was originally mailed to 14997 453<sup>rd</sup> Ave, Summit SD. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

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

enclosures

## Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 7257-3 and 7065-3

I have this day, July 27, 2021, made a thorough examination of the water use system constructed by James Amdahl, 14962 453<sup>rd</sup> Ave, Summit, SD 57266 of Permit No. 7257-3, bearing the priority of June 10, 2011, authorizing the diversion of 3.00 cu. ft. per second of the waters of the Big Sioux North Aquifer and Water Permit No. 7065-3, bearing a priority date of September 11, 2008 authorizing the diversion of 3.78 cfs from the Prairie Coteau Aquifer for irrigation purposes, in Grant County.

### A. Works used to divert the water:

#### Well Information:

- 1) Well Drilling Firm: Wieber Well Drilling (3 shallow wells) and Empire Drilling (old deep well)
- 2) No. of Wells 4 (1 deep & 3 shallow)
- 3) Depth(s) 170 & 48-78 feet
- 4) Well log is available Y

#### Casing: (Shallow wells)

- 1) Diameter 12 inches
- 2) Length 20 feet
- 3) Type Plastic

#### Screen:

- 1) Type PVC – Ever-flo
- 2) Length 20 feet
- 3) Static water level 10-16 feet

#### Pump:

- 1) Make Franklin
- 2) Model (two wells in SE ¼) 550ST8 and 225ST8
- 3) Capacity 775 GPM (Well #1 & 2 combined supply SE pivot)

According to pump record supplied by Wieber Well Drilling, the pump setting for Well #1 is 138' with a pumping rate of 225 gpm; the pump setting for Well #2 is 42' pumping at a rate of 550 gpm.

- 4) Capacity 775 GPM (Well #3 (225 gpm) & #4 (550 gpm) combined supply NE pivot)

#### Motors:

- 1) Horsepower rating 20-40 hp

**B. Works used to transport water to place of use: Buried pipelines****C. Works used to apply water to beneficial use:****Center pivot:**

- 1) Make Valley (2)
- 2) Overall length 1320 feet
- 3) Number of towers 7
- 4) End gun Y
- 5) Capacity 775 (SE ¼) & 775 (NE ¼) GPM

**Chemigation Equipment:**

- 1) Does chemigate N

**D. Compliance with Permit Requirements:**

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

**E. Condition and Location:**

1. The system is in good condition with the point(s) of diversion located as follows: From the SE corner Sec 33 T121N R 52W; WELL #1: 1475 ft N & 1320 ft W, Lat 45.21386 Long -97.16950 (NE ¼ SE ¼ Sec 33) WELL #2: 1450 ft N & 135 ft W, Lat 45.21389 Long -97.16500 (NE ¼ SE ¼ Sec 33) WELL #3: 2735 ft N & 30 ft W, Lat 45.21741 Long -97.16491 (SE ¼ NE ¼ Sec 33) WELL #4: 4395 ft N & 40 ft W, Lat 45.22198 Long -97.16487 (NE ¼ NE ¼ Sec 33).

2. The works are capable of diverting and conveying to the place of use 3.45 cu. ft. per second of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

NE ¼ Section 33, T121N, R52W (128 acres)

SE ¼ Section 33, T121N, R52W (128 acres)

Total 256 acres

The pivots are operated as two separate systems with two wells used for each pivot. The NE ¼ is irrigated with 2 shallow wells (#'s 3 & 4); The SE ¼ is irrigated using one shallow well and one deep well (#'s 1 & 2)

3. All structures, wells and lands on map Y

**F. Comments or other permit(s) associated with the project:**

The irrigated acreage was determined using FSA maps and the ArcMAP software.

Additional permit details can be found in Permit 7065-3 materials. This permit provides for additional wells to be constructed over and above those authorized in Permit 7065-3.



Darrell W DeBoer  
Water Rights Inspector  
DANR, Water Rights Program

Date report completed: August 12, 2021

Water Licenses will be issued as follows:

**7257A-3** for NE ¼ Section 33, T121N, R52W – 1.73 cfs (775 gpm) Well Nos. 3 & 4

**7257B-3** for SE ¼ Section 33, T121N, R52W – 1.73 cfs (775 gpm) Well Nos. 1 & 2

Upon licensing, the applicable portions of Water Permit No. 7065-3 will be incorporated into 7257B-3.

Genny McMath

## Approval of Location Change and/or Additional Diversion Point(s)

NAME: James Amdahl

ADDRESS: 14962 453<sup>rd</sup> Ave, Summit SD 57266

DATE: October 3, 2022

COUNTY: Grant

### GENERAL DESCRIPTION OF AUTHORIZED PROJECT:

The permit holder is authorized to divert from two wells (60 ft) into the Big Sioux: North Aquifer in the NE  $\frac{1}{4}$  SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Section 33 to irrigate 264 acres in the E  $\frac{1}{2}$  of Section 33: all in T121N-R52W.

### 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 permit holder developed three wells into the Big Sioux: North Aquifer, one in the NE  $\frac{1}{4}$  SE  $\frac{1}{4}$ , one in SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  and one in the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Section 33 T121N-R52W.

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

The permit holder developed irrigation of 256 acres in the E  $\frac{1}{2}$  of Section 33 T121N-R52W.

- **Review of Existing Diversions**

The source of water for the additional well is from the Big Sioux: North Aquifer.

### RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point(s) be licensed as developed.



Mark D. Rath, Natural Resources Engineer III  
Water Rights Program

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

This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.



Eric Gronlund, Chief Engineer  
Water Rights Program

7257-3



**DEPARTMENT of AGRICULTURE  
and NATURAL RESOURCES**

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

7257A-3  
7257B-3  
7257-3  
7065-3

OCT 20 2022

James Amdahl  
14962 453<sup>rd</sup> Ave  
Summit SD 57266

Dear Mr. Amdahl:

Enclosed are Water License Nos. 7257A-3 and 7257B-3. These are the final water right documents completing your process of obtaining Water Rights. Included with each license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Eric Gronlund, Chief Engineer  
Water Rights Program  
(605) 773-3352

enclosures

Note: Water Permit No. 7257-3 was divided into A & B to reflect the systems as operated. The applicable portions of Water Permit No. 7065-3 were incorporated into No. 7257B-3.