

Considered: _____

WATER PERMIT NO. 5268-3

39

HAP No. Same

Name of Applicant Randy Hanson

Post Office Address 3205 NE 182d Ave., Vancouver, WA 98662

Amount of Water Claimed 2.0 cfs Total Acres 118

Source of Water Supply groundwater - 1 well

Water to be used for irrigation County Hamlin

About 4 miles S of Castlewood, SD

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved 3/2/89 Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received Jan. 23, 1989 Fee 225⁰⁰ Remarks _____

1/23/89 Application is for > 1 cfs / 70 acres

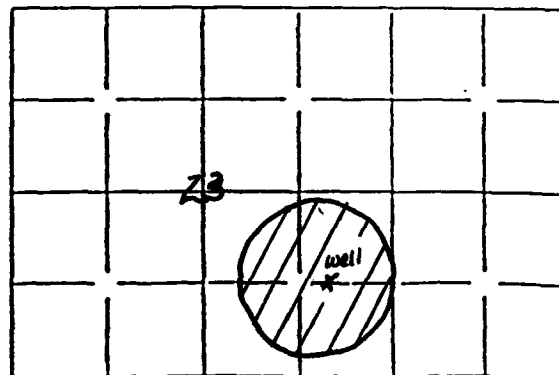
Corrected Application Received _____ Period of Annual Use May 1 - Oct 31

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES NO REMARKS _____

Diversion Point E 1/2 SE 1/4 Sect. 23-T114N-R52W

Land to be Irrigated SE 1/4 Sect. 23-T114N-R52W



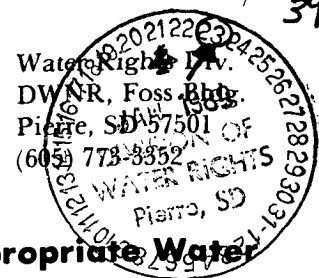
Well Log: Driller Irrigation Supply Co. Licensed YES NO

Depth of Well 100' REMARKS Test hole

Type of Map aerial PREPARED BY Alan Bender Reviewed and the Number assigned on January 24, 1989 By Dawn A. Bowser

(See instructions)

No. 5269-3 Hydrologic Unit 10170202
Basin Big Sioux R.
Newspaper Hamlin Co. Herald-Enterprise Box 207 Hamlin



Application For Soil/Water Compatibility Permit and Permit To Appropriate Water

Type of Application: ☒ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☐ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____

1. Name of Applicant Randy Hanson Phone No. 902-211

Post Office Address 3205 NE 182nd Ave. Vancouver State WA 98662
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s) -2- 1.68 Total acres irrigated 118

3. Source of Water supply 1 well

4. Location of point of diversion _____
-SE $\frac{1}{4}$ S23 T114N R52W
E $\frac{1}{2}$ SE $\frac{1}{4}$ County Hamlin

5. Counties where water will be used Hamlin

6. Annual period during which water is to be used 1 May-Oct 31

7. List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.
NW $\frac{1}{4}$ SE $\frac{1}{4}$ S23 T114N R52W	26
NE $\frac{1}{4}$ SE $\frac{1}{4}$ S23 T114N R52W	33
SE $\frac{1}{4}$ SE $\frac{1}{4}$ S23 T114N R52W	33
SW $\frac{1}{4}$ SE $\frac{1}{4}$ S23 T114N R52W	26

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: X Gun: _____ (Specify) _____ Other: _____

9. Crops to be Irrigated: Corn, beans, small grains, alfalfa and hay

10. Give a description of proposed project. (Attach sheet if more space is needed)

The pivot will be located just to the east of the center of the SE $\frac{1}{4}$ S23 T114N R52W so the low ground on the west edge of the quarter will not receive water. This strip is approximately 14 rods wide as shown on the enclosed map. The well will be located as near as practicable to the pivot point.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach maps, soils information and any other technical information.

STATE OF SOUTH DAKOTA)
County of Brookings)^{ss}

I, Randy Hanson, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters stated in this application are true and correct.

Signed Randy Hanson

Subscribed and sworn to before me this 29 day of DECEMBER 19 88

Allen R. Benson
Notary Public

SOUTH DAKOTA
WATER PERMIT No. 5268-3 FOR IRRIGATION

Date of first receipt of application January 23, 1989.

Date Soil/Water Compatibility Permit received January 31, 1989.

The Water Management Board approved Water Permit Application No. 5268-3 on March 2, 1989 for Randy Hanson, 3205 NE 182d Avenue, Vancouver, WA 98662 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. 5268-3 appropriates 1.68 cfs from one well, approximately 100 feet deep, to irrigate 118 acres. The well is to be located in the E1/2 SE1/4 and the acreage to be irrigated is located in the SE1/4; all in Section 23, T114N, R52W.
2. The amount of the appropriation may not exceed 2 acre feet per acre per year or one-seventieth (1/70) cubic feet of water per second 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: May 1 - October 31.
3. The date from which applicant may claim right is January 23, 1989.
4. One-fifth of the construction is to be completed on or before September 2, 1991.
5. All construction is to be completed on or before March 2, 1994.
6. Water is to be put to beneficial use on or before March 2, 1998.
7. 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 authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
4. Approval of Permit No. 5268-3 authorizes a maximum diversion rate of 1.68 cfs.

WATER MANAGEMENT BOARD

By: _____

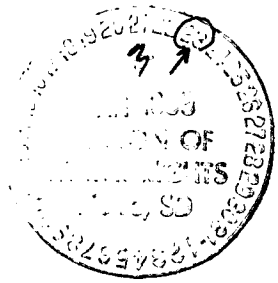
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

JUN 13 1989

(date)

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 16in Depth 95 ft
- b) Casing Type plastic Diameter 16in Thickness _____
- c) Screen Type Johnson Diameter 16 in Thickness 1/4in
- d) Gravel Pack Thickness 4-5 in Length of Gravel Pack 25 ft
- e) Depth to Top of Water Bearing Material 22 ft
- f) Depth to Water (ground surface to water level) 14 ft
- g) Distance to nearest existing domestic well:
 On applicants property 1500 ft On property owned by others 1500ft

2. Dugout Information Estimates

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

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should 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 _____

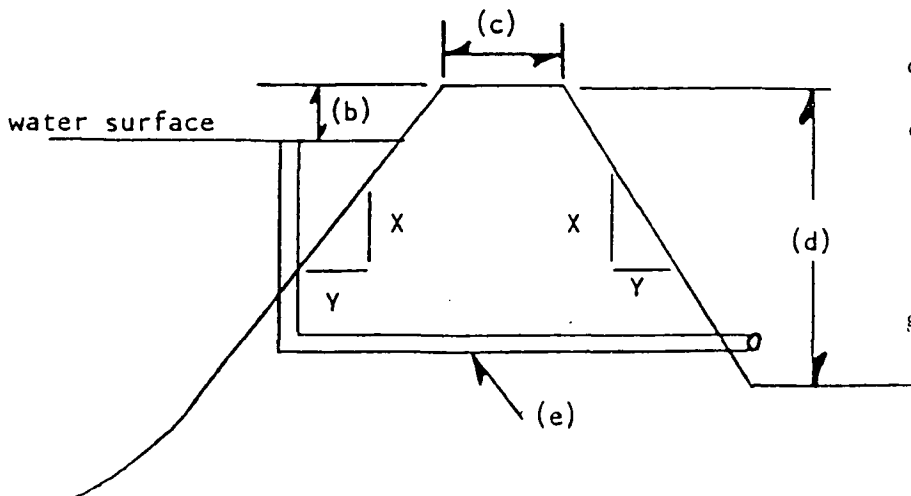
g) X & Y Slope
 Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Randy Hanson
 Signature of Applicant

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411597

Pierre, January 23, 1939

RECEIVED OF Randy Hanson, 3205 NE 182nd Ave, Vancouver, WA 98662

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

Fee for Application for Permit No. <u>5268-3</u> to Appropriate Water, to construct works and to put water to beneficial use	225	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. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	225 00

By Pho Hetch / msa
Chief Engineer

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation



Office Use Only

4328

WR#

OWNERS NAME: Randy Hanson OWNERS ADDRESS: 3205 NE 182nd Ave.
Vancouver, WA 98662

COUNTY LAND LOCATED IN: Hamlin PHONE: _____

LEGAL DESCRIPTION:

☒ Well

☐ Surface

1. LOCATION E $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 23-T114N-R32W

Depth: _____

Legal Description	Acres	Legal Description	Acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23-T114N-R32W	26		
NE $\frac{1}{4}$ SE $\frac{1}{4}$ " "	33		
SE $\frac{1}{4}$ SE $\frac{1}{4}$ " "	33		
SW $\frac{1}{4}$ SE $\frac{1}{4}$ " "	26		
			TOTAL ACRES = 118

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: ☒ GUN: _____ OTHER: (Specify) _____

3. CROPS TO BE IRRIGATED: corn, beans, small grains, alfalfa, and hay

WATER QUALITY:

4. WATER SAMPLE NUMBER: 88-0572

7. ADJUSTED (SAR): 8.21

5. SALINITY (EC X 10⁶): 2000

8. PERCENT SODIUM: 36.03

6. SODIUM (SAR): 2.94

Requirements: The areas adjacent to the drainage on the western edge of the project area shall remain in grass and/or alfalfa.

☒ APPROVED ☒ REQUIREMENTS
☐ DISAPPROVED
☐ WAIVER

[Signature]
Director, Division of Conservation

Soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

11/21/89
Date

NOT TO SCALE

12345678910111213141516171819202122232425262728
JAN 1989
DIVISION OF
WATER RIGHTS

114-52

T955
P

135.7

T2119
44.0

579-4-L

E12

25

T910
124.9

P P

25.4
23.1
T959

13.0

114-52

2
1 10.7

Appl. No. 5268-3

Allen B...

APPLICATION FOR IRRIGATION WATER PERMIT

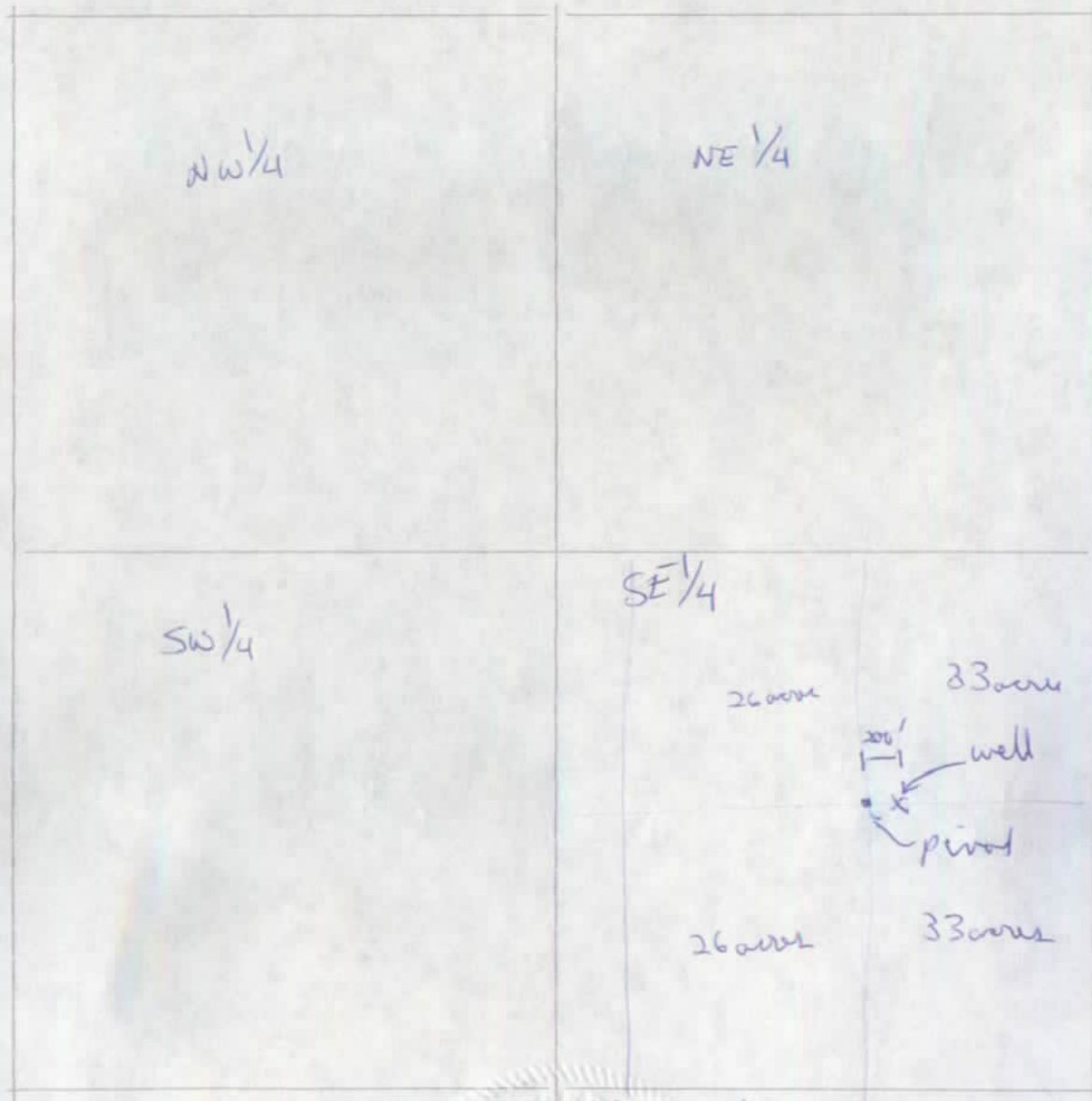


Name of owner:

Applicant: Randy Hanson

Lands to be irrigated and point of diversion:

Legal Description: S23 T114N R52W
County of Hamlin



Certified by Alan R. Benden, P.E.

Signature

Alan R. Benden

Date 29 DEC 88.

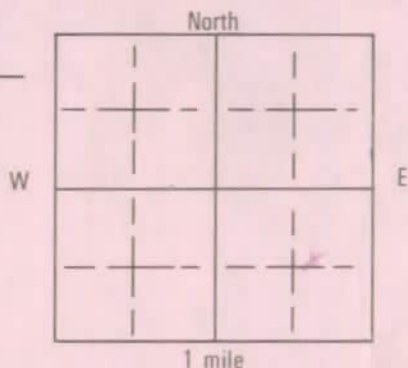
Appl. No. 52683

SOUTH DAKOTA WELL AND TEST HOLE PLUGGING REPORT

Location 5 1/4 Sec 23 Twp 114 Rg 52W

County Hamlin

Please mark well location with an "X"



Well Owner:

Name Randy Hausen

Address Van Esauver, Wyo

Plugging completion Date 12/12/88



CHECK APPROPRIATE BOX

EXISTING WELL ☐

TEST HOLE ☒

Well depth _____

Hole depth 100'

Casing material _____

Hole size 6 1/4"

Casing size(s) _____

Casing condition _____

Describe plugging procedure: used drill stem as Tremie pipe - pumped Bentonite slurry through stem. 10" to be drilled out when permit is acquired.

Describe grout or plugging material: _____

Type of non-slip plug: _____

This well or test hole was plugged under license # 386 And this report is true and accurate.

Drilling firm Irrigation Supply

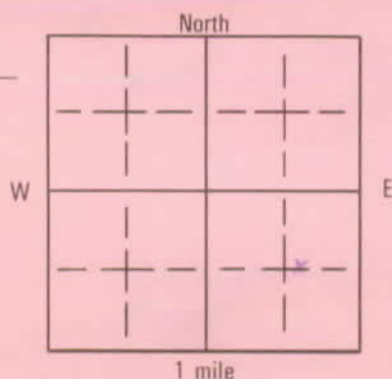
Signature of Licensed Representative H E Kalkreuth

Signature of Well Owner [Signature]

Date 12/13/88

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location S 1/4 E 1/4 Sec 23 Twp 114 N Rg 52WCounty HouderPlease mark well
location with
an "X"Well Completion Date 12/12/89

PROPOSED USE:

☐ Domestic ☐ Municipal ☒ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Direct Rotary

CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUT:

Was the well grouted? ☐ YES ☐ NO

To what depth? _____ FEET

What is grouting material? _____

If cement, number of sacks? _____

Describe grouting procedure _____

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter _____ IN Length _____ FEET

Material _____

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☐ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☐ YES ☐ NO

Explain _____

Bacteriological analysis ☐ YES ☐ NOLaboratory sent to Bioanalysis

Well Owner:

Name Louise HansenAddress Van Cour, Wadena, SD

Well Log:

Formation

From

To

Top soil	0	2'
yellow silty clay	2'	6'
gravel yellow	6'	22'
gray gravel	22'	32'
gray clay	32'	34'
yellow gravel	34'	62'
yellow clay	62'	63'
gray gravel medium		
Too dark	63'	70'
Blue clay light	70'	100'

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other: specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped☐ Bailed

Describe: _____

☐ Other

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

Put a screen on well
stem put a air line through
stem pumped with air to get
sample.This well was drilled under license # 384

And this report is true and accurate.

Drilling firm Irrigation Supply Co

Signature of License Representative:

B E Rahmke

Signature of Well Owner:

Date 12/13/88

5268

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location 5 1/4 E 1/4 Sec 23 Twp 114 Rg 52County Hamlin

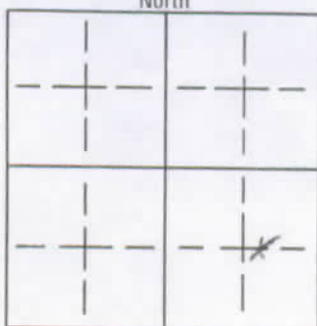
North

W

E

1 mile

Please mark well location with an "X"

Well Completion Date 5-6-89

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Direct Rotary

CASING DATA:

☐ Steel ☐ Plastic ☒ Other
If other describe Fiberglass

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT <u>12</u>	IN <u>2</u>	FT <u>60</u>	FT <u>18</u>	IN <u>18</u>
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20' FEETWhat is grouting material? Portland CementIf cement, number of sacks? 20Describe grouting procedure IRVING PIPEWhat was grout weight? 1512 LB/GALSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12 IN Length 30 FEETMaterial Fiberglass - BurgessSlot Size 250 Set From 60 Feet To 70 Feet

Slot Size Set From Feet To Feet

Slot Size Set From Feet To Feet

Other information Packed Flint Rock# 20Was a packer or seal used? ☐ YES ☐ NO

If so, what material?

Describe packer(s) and location?

Was well disinfected upon completion? ☒ YES ☐ NOExplain H.T.H. TabsBacteriological analysis ☒ YES ☐ NOLaboratory sent to Bozinger by Dave Galtman

Well Owner:

Name Randy HansonAddress Van Courser, Washington

Well Log:

Depth

Formation

From

To

Top soil	0'	2'
Yellow sandy clay	2'	6'
Gravel yellow	6'	22'
Gray gravel	22'	32'
Gray clay soft	32'	34'
Yellow gravel	34'	62'
Yellow clay soft	62'	63'
Gray gravel medium		
Red water loss	63'	90'
Blue clay light	90'	100'

STATIC WATER LEVEL 14 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped☐ Bailed☐ Other

Describe:

Turbine

Pumping Level Below Land Surface

31 ft. After 24 Hrs. pumped 1600 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 337

And this report is true and accurate.

Drilling firm Kaiser Well Drilling

Signature of License Representative:

Signature of Well Owner:

Signature of Well Owner:

Date

6-7-89

Report On Application No. 5268-3
Randy Hanson
January 25, 1989

This application proposes to appropriate 2.0 cfs from one well approximately 90 feet deep to irrigate 118 acres. The well is to be located in the E 1/2 SE 1/4 of Section 23 and the acreage to be irrigated is in the SE 1/4 of Section 23; all in T114N R52W in Hamlin County.

Aquifer - Big Sioux-Brookings (BS-B)

The Big Sioux - Brookings (BS-B) underlies 88,500 acres and contains 331,880 acre-feet of recoverable water in Hamlin County (Hedges, 1982). The BS-B consists of a surficial outwash (sand and gravel) and is composed mostly of glacial meltwater stream deposits and collapsed outwash. The aquifer varies from 0 - 123 feet in thickness but averages about 30 feet (Kume, 1985). The BS-B is under water table conditions in this area. The driller's log submitted with th application indicates mostly sand and gravel from 6 to 90 feet with a static water level of 14 feet below land surface.

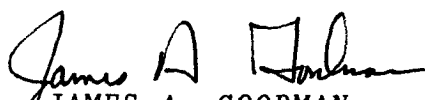
The Division of Water Rights monitors 22 observation wells completed into the BS-B Aquifer in Hamlin County. Water levels in these wells respond seasonally to climatic conditions (Water Rights, 1989). Records for one observation well, HN-77C, are included with this report. This well is located about 2 miles northeast of this application. Area irrigation withdrawals do not cause drawdowns or fluctuations which are evident by examining the hydrograph.

Review of Existing Water Permits

There is an existing Water Permit No. 2172-3 issued to this applicant which has a diversion point within 1/2 mile of the diversion point for this application. The well depths are nearly the same and the aquifer is also the BS-B. Because the aquifer has high permeability, is relatively thick and is under water table conditions, drawdowns are not expected to be significant and interference should not be a problem.

Conclusions

1. Water is available from the BS-B Aquifer.
2. Interference will not be a problem. Drawdowns caused by pumping should not significantly affect other wells in the area.
3. Hydrographs for the BS-B Aquifer indicate water levels are dependent upon climatic conditions and that the aquifer is easily supplying the existing diversions.
4. Data suggests that agricultural land use above shallow water table aquifers such as the BS-B Aquifer will degrade the ground water quality.
5. SDCL 46-5-6 authorizes 1 cfs for every 70 acres. This application requests 2.0 cfs for 118 acres. The authorized diversion rate should be 1.68 cfs. There is no information presented in the application which justifies the needed for a greater diversion rate.
6. The irrigation well must be completed in compliance with SD Well Construction Standards.


JAMES A. GOODMAN
Hydrologist

Bibliography

- Hedges, L.S. 1982, Evaluation of Ground Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corp of Engineers, SD DWR, SDGS, Vermillion, SD 57069.
- Kume, J., 1985, Water Resources of Deuel and Hamlin County, South Dakota, USGS WRI 84-4069, USGS, Huron, SD 57350.
- Water Rights, 1989 BS-B Aquifer Observation Wells in Hamlin County, SD, SD DWR, Division of Water Rights, Joe Foss Bldg, Pierre, SD 57501.

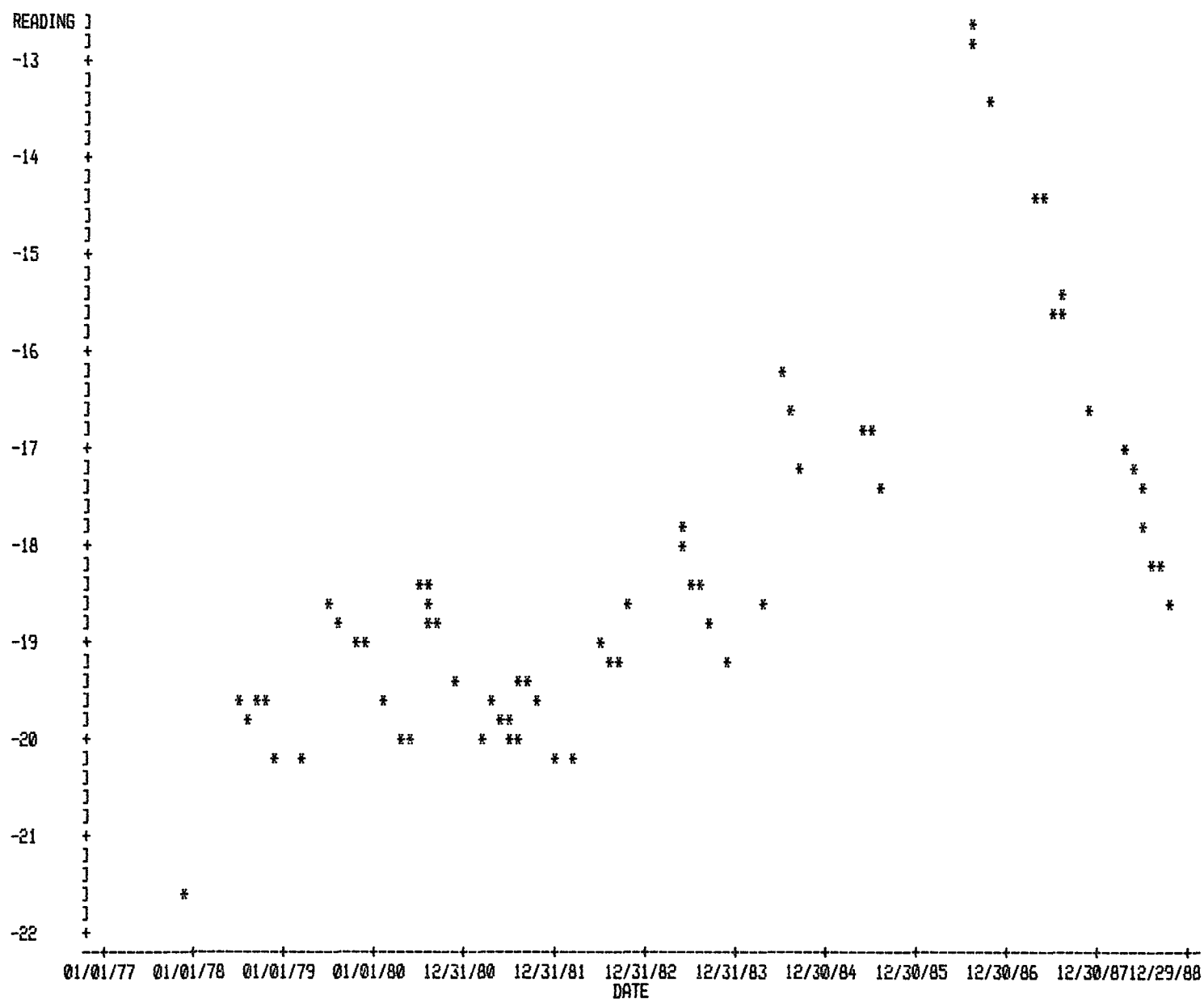
OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
HN-77C	114N-52W-10CCCC	11/08/77	-21.6
HN-77C	114N-52W-10CCCC	06/28/78	-19.6
HN-77C	114N-52W-10CCCC	08/11/78	-19.9
HN-77C	114N-52W-10CCCC	09/01/78	-19.7
HN-77C	114N-52W-10CCCC	10/06/78	-19.7
HN-77C	114N-52W-10CCCC	11/09/78	-20.2
HN-77C	114N-52W-10CCCC	12/13/78	-20.3
HN-77C	114N-52W-10CCCC	03/01/79	-20.2
HN-77C	114N-52W-10CCCC	06/27/79	-18.7
HN-77C	114N-52W-10CCCC	08/21/79	-18.9
HN-77C	114N-52W-10CCCC	10/03/79	-19.1
HN-77C	114N-52W-10CCCC	11/08/79	-19.1
HN-77C	114N-52W-10CCCC	02/21/80	-19.7
HN-77C	114N-52W-10CCCC	04/17/80	-20.0
HN-77C	114N-52W-10CCCC	05/27/80	-20.0
HN-77C	114N-52W-10CCCC	07/08/80	-18.5
HN-77C	114N-52W-10CCCC	07/22/80	-18.5
HN-77C	114N-52W-10CCCC	08/04/80	-18.6
HN-77C	114N-52W-10CCCC	08/22/80	-18.8
HN-77C	114N-52W-10CCCC	09/08/80	-18.8
HN-77C	114N-52W-10CCCC	12/10/80	-19.4
HN-77C	114N-52W-10CCCC	03/09/81	-20.0
HN-77C	114N-52W-10CCCC	04/16/81	-19.6
HN-77C	114N-52W-10CCCC	05/26/81	-19.8
HN-77C	114N-52W-10CCCC	06/08/81	-19.8
HN-77C	114N-52W-10CCCC	06/23/81	-19.9
HN-77C	114N-52W-10CCCC	07/07/81	-20.0
HN-77C	114N-52W-10CCCC	07/21/81	-20.0
HN-77C	114N-52W-10CCCC	08/04/81	-19.5
HN-77C	114N-52W-10CCCC	08/31/81	-19.4
HN-77C	114N-52W-10CCCC	10/19/81	-19.7
HN-77C	114N-52W-10CCCC	12/18/81	-20.2
HN-77C	114N-52W-10CCCC	03/31/82	-20.2
HN-77C	114N-52W-10CCCC	07/09/82	-19.0
HN-77C	114N-52W-10CCCC	08/04/82	-19.2
HN-77C	114N-52W-10CCCC	08/31/82	-19.3
HN-77C	114N-52W-10CCCC	10/27/82	-18.7
HN-77C	114N-52W-10CCCC	05/18/83	-17.9
HN-77C	114N-52W-10CCCC	06/08/83	-18.0
HN-77C	114N-52W-10CCCC	07/07/83	-18.4
HN-77C	114N-52W-10CCCC	08/02/83	-18.4
HN-77C	114N-52W-10CCCC	09/08/83	-18.8
HN-77C	114N-52W-10CCCC	11/07/83	-19.2
HN-77C	114N-52W-10CCCC	04/11/84	-18.7
HN-77C	114N-52W-10CCCC	07/11/84	-16.3
HN-77C	114N-52W-10CCCC	08/09/84	-16.7
HN-77C	114N-52W-10CCCC	09/27/84	-17.3
HN-77C	114N-52W-10CCCC	05/14/85	-16.8
HN-77C	114N-52W-10CCCC	06/11/85	-16.8
HN-77C	114N-52W-10CCCC	07/09/85	-16.9
HN-77C	114N-52W-10CCCC	08/07/85	-17.4
HN-77C	114N-52W-10CCCC	08/04/86	-12.6
HN-77C	114N-52W-10CCCC	08/11/86	-12.9
HN-77C	114N-52W-10CCCC	10/30/86	-13.4
HN-77C	114N-52W-10CCCC	04/09/87	-14.5

OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
HN-77C	114N-52W-10CCCC	05/25/87	-14.4
HN-77C	114N-52W-10CCCC	06/26/87	-15.6
HN-77C	114N-52W-10CCCC	07/24/87	-15.4
HN-77C	114N-52W-10CCCC	08/20/87	-15.7
HN-77C	114N-52W-10CCCC	11/20/87	-16.6
HN-77C	114N-52W-10CCCC	04/11/88	-17.1
HN-77C	114N-52W-10CCCC	05/17/88	-17.3
HN-77C	114N-52W-10CCCC	06/13/88	-17.4
HN-77C	114N-52W-10CCCC	07/15/88	-17.8
HN-77C	114N-52W-10CCCC	08/09/88	-18.2
HN-77C	114N-52W-10CCCC	09/06/88	-18.3
HN-77C	114N-52W-10CCCC	10/14/88	-18.6

N= 67

15:40 MONDAY, FEBRUARY 6, 1989 3

PLOT OF READING*DATE SYMBOL USED IS *



NOTE: 3 OBS HIDDEN

UQS0009 - END OF DATA SET

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5268-3, Randy Hanson

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 5268-3, Randy Hanson, 3205 NE 182nd, Vancouver WA.

The Chief Engineer is recommending APPROVAL of Application No. 5268-3 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) in the public interest with the following qualifications:

1. The wells authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
4. Approval of Pemrit No. 5268-3 authorizes a maximum diversion rate of 1.68 cfs.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
January 26, 1989



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 26, 1989

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

Randy Hanson
3205 NE 182nd Ave
Vancouver WA 98662

Dear Mr. Hanson:

Your Application No. 5268-3 for a permit to appropriate water for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of your intent to appropriate water has been sent to the Publisher of the Hamlin Co. Herald-Enterprise printed at Hayti SD. For your information, a copy of the notice is enclosed. The recommendation of the Chief Engineer and a report on the application will be sent later. 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 of Intent to Appropriate Water and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

NOTE: The Department of Agriculture has received your water analysis; however, formal approval of your Soil/Water Compatibility Application (SWCA) has not been received. You need to be aware that if an approved SWCA is not received from the Department of Agriculture prior to the March 1, 1989 Water Management Board meeting, then Application No. 5268-3 will be removed from the March 1, 1989 Board meeting agenda. If SWCA approval is not received and Application No. 5268-3 is removed from the March 1, 1989, then your application will need to be readvertised for a later hearing date.

Assuming the Department of Agriculture approves the SWCA, the approval is subject to review by the Conservation Commission possibly during the March 9, 1989 Commission meeting. You should also realize that the Commission has the authority to reverse the Department of Agriculture's approval of the SWCA after reviewing the approved SWCA. Although not expected, if the Commission does reverse approval of the SWCA, then Application No. 5268-3 will not be issued if approved at the March 1, 1989 Board meeting.



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 26, 1989

Hamlin Co. Herald-Enterprise
Box 207
Hayti SD 57241

Dear Sir:

Enclosed is a Notice of Hearing on Application No. 5268-3 to be published twice. Please publish the first notice on or before February 1, 1989 with the second publication 7 days later.

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 Randy Hanson, 3205 NE 182nd Ave, Vancouver WA 98662.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

TO: Ron Duvall
Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to
Appropriate Water by Application No. _____ 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 or before February 1, 1989 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5268-3 to Appropriate Water

Notice is given that Randy Hanson, 3205 NE 182nd Ave, Vancouver WA 98662 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one well approximately 100 feet deep to irrigate 118 acres. The well is to be located in the E 1/2 SE 1/4 Section 23 and the acres to be irrigated in the SE 1/4 Section 23; all in T114N, R52W.

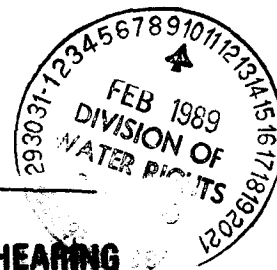
Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5268-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board at the Howard Johnson's, Roosevelt Room, 1-90 at LaCrosse, Rapid City SD on March 1, 1989 at 10:00 am. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer or 4) deny this application based on the facts presented at the public hearing.

Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by February 17, 1989. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by February 17, 1989.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

No. 5268-3



PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Hamlin) ss.

I, Lois K. Latt hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Herald Enterprise

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

Town of Hart

County of Hamlin and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

February 1, 1989

February 8, 1989

Lois K. Latt
(Signature)

Publisher
(Title)

February 8, 1989
(Date Signed)

Cost of Printing: 38.05

cuit Court and State Supreme Court
as provided by law. The time of the
hearing will also be automatically de-
layed for at least twenty days upon
written request to the Chief Engineer
from the applicant or a petitioner. The
request for a delay must be received
by February 17, 1989.

This application is made pursuant
to SDCL 46-1-1 thru 46-1-9, 46-1-12
thru 46-1-15; 46-2-3.1, 46-2-9, 46-
2-11, 46-2-13, 46-2-17; 46-2A-1
thru 46-2A-10, 46-2A-12, 46-2A-14,
46-2A-15; 46-5-1 thru 46-5-11, 46-
5-13 thru 46-5-15, 46-5-24, 46-5-
25, 46-5-30.2, 46-5-30.4, 46-5-31;
46-6-3, 46-6-3.1, 46-6-6.1, 46-6-
10, 46-6-13, 46-6-14; and Board
Rules ARSD 74:02:01:01 thru
74:02:01:15.

NOTICE OF HEARING

NOTICE OF HEARING ON
APPLICATION NO. 5268-3
TO APPROPRIATE WATER

Notice is given that Randy Hanson,
3205 NE 182nd Ave., Vancouver, WA
98662 has filed an application for a
water permit to appropriate 2.0 cubic
feet of water per second from one well
approximately 100 feet deep to irri-
gate 118 acres. The well is to be lo-
cated in the E 1/2 SE 1/4 Section 23
and the acres to be irrigated in the SE
1/4 Section 23; all in T114N, R52W.

Pursuant to SDCL 46-2A-2, the
Chief Engineer of the Water Rights Di-
vision recommends APPROVAL of Ap-
plication No. 5268-3 because 1) un-
appropriated 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 inter-
est. This application will be consid-
ered by the Water Management Board
at the Howard Johnson's, Roosevelt
Room, 1-90 at LaCrosse, Rapid City,
SD on March 1, 1989 at 10:00 a.m.
The Chief Engineer's recommenda-
tion is not final or binding upon the
Board. The Board is authorized to 1)
approve, 2) approve with qualifica-
tions, 3) defer or 4) deny this applica-
tion based on the facts presented at
the public hearing.

Any interested person that intends
to participate in the hearing before
the Board by presenting evidence or
cross-examining witnesses according
to SDCL 1-26, must file a written pe-
tition with BOTH the applicant and
Chief Engineer by February 17, 1989.
The Chief Engineer's address is
"Water Rights Division, Foss Build-
ing, 523 E Capitol, Pierre, SD 57501
(605 773-3352)". The petition may
be informal, but must include a state-
ment describing the petitioner's
interest in the application, the peti-
tioner's reasons for opposing or sup-
porting the application and the signa-
ture and mailing address of the peti-
tioner or legal counsel if legal counsel
is obtained. The applicant need not
file a petition. Contact the Water
Rights Division to request information
on this application or to assure ac-
cess to the hearing by the handi-
capped.

This hearing is an adversary pro-
ceeding. Any person filing a petition
and/or the applicant have the right to
be represented by a lawyer. These
and other due process rights will be
forfeited if not exercised. Decisions of
the Board may be appealed to the Cir-

 **Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

February 14, 1989

Randy Hanson
3205 NE 182nd Ave
Vancouver WA 98662

Dear Mr. Hanson:

Enclosed is the Report and the Recommendation of the Chief Engineer for your Water Permit Application No. 5268-3.

Sincerely,



KAREN SCHLAACK
Senior Secretary
605 773-3352

enclosures

cc: Dave Gullickson





Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

JUN 13 1989

Randy Hanson
3205 NE 182nd Ave
Vancouver WA 98662

Dear Mr. Hanson:

Enclosed is Water Permit No. 5268-3 as approved by the Water Management Board authorizing you to construct your water diversion system and put the water to beneficial use, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.





NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE

Date 6/19/89

TO: Water Rights Division, DWNR
Joe Foss Building
Pierre SD 57501-3181

FROM: Randy H. Hanson 3205 NE 162 Ave Vanc Wash
name address city

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5268-3.

Water Permit No. 5268-3 states that the diversion system is to be constructed by March 2 1994, and that the water it put to beneficial use by March 2 1998.

The diversion system was completed on 6/1/89.
Applying the water to beneficial use was completed on 6/30/89.

You may schedule an inspection so that the Water License may be issued.

Randy H. Hanson
signature



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

February 5, 1992

Leslie Hanson
Rt 1, Box 146
Ponsford MN 56575

Dear Mr. Hanson:

I am writing to acknowledge receipt of your 1991 chemigation report for Water Right No. 5268-3. You may disregard the January 27, 1992 Notice of Failure to Report Chemical Use for 1991. With receipt of the chemigation report, your name has been deleted from the March 4, 1992 Water Management Board meeting agenda.

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

Sincerely,

A handwritten signature in cursive script that reads 'Don Frye'.

DON FRYE, Natural Resources Analyst
Water Rights Division



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

LESLIE HANSON - OPERATOR
RR2 BOX 124
CASTLEWOOD SD 57223

NOTICE

Re: Failure to Report Chemical Use under Water Permit No(s) 5268-3

The first notice to file chemigation report(s) for Permit No(s) 2172-3; 5268-3 was dated October 18, 1991. Our records indicate that we have not received the 1991 chemigation report for Permits No(s) 5268-3. The Water Management Board has directed that owners of water permits who have not submitted the 1991 chemigation report(s) be given notice of violation and of hearing before the Board. The hearing held by the Board is to determine what action is to be taken concerning violation of Administrative rule 74:02:09:02(3). This rule requires chemigation users to report the type of chemical applied, the dates, hours and amount of chemical application.

The hearings will be held at 9:15 am, on March 4, 1992, at the Floyd Matthew Training Center, Joe Foss Building, 523 E. Capitol, Pierre SD, and will be conducted pursuant to SDCL 34A-2A through 34A-2A-5; 46-1-12, 46-1-14, 46-2-11, 46-2-17. These are contested case hearings pursuant to SDCL 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 or up to three years for the 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). 5268-3 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.

Very truly yours,

RON DUVALL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

NOTE: If the chemigation report(s) is(are) received by this office prior to the March 4, 1992 hearing, you will no longer be in violation and your name will be deleted from the Board agenda.

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Leslie Hanson, Operator
RR 2, Box 124
Castlewood SD 57223

4a. Article Number

P 757 566 225

4b. Service Type

- | | |
|---|---|
| ☐ Registered | ☐ Insured |
| ☒ Certified | ☐ COD |
| ☐ Express Mail | ☐ Return Receipt for Merchandise |

7. Date of Delivery

2-1-92

5. Signature (Addressee)

Leslie Hanson

6. Signature (Agent)**8. Addressee's Address (Only if requested and fee is paid)**

South Dakota



GREAT FACES. GREAT PLACES.

AUG 18 1992

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

5620-3

Randy Hanson
3205 NE 182nd Avenue
Vancouver, WA 98682

Dear Mr. Hanson:

Enclosed is Water License No. 5620-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 413370 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 5620-3, 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, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John Hatch".

JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

NOTE: The applicable portions of Water Permit No. 5268-3 are incorporated into this Water License No. 5620-3.