

later Right Number 4309-3

1. Considered SEPT. 13, 19 78
2. Name of Applicant ARNOLD KALSBECK
3. Post Office Address ESTELLINE, S.D.
4. Amount of water claimed 3.61
5. Source of water supply GROUNDWATER (2-40' & 1-30' DEEP WELLS)
6. Water to be used for IRRIGATION

Acres to be irrigated 253

7. Water to be diverted and used in HAMLIN County
about 1 1/2 S & 1/2 miles EAST of ESTELLINE

8. Proof of Publication

Received 8-31-78

Not received

9. Application

Approved 3-29-79

Subject WI

Not approved

Action deferred

10. Remarks:

additional acreage & diversion point.
Will Cancell out Permit # 1505-3.
Priority on #1 & 2 wells - Feb. 9, 1968
3 - July 18, 1978

No. 4309-3Map No. 1090-3 Water Division No. 3 Big Sioux River

(Blanks to be Filled by the Engineer for the W. R. C.)



APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant Arnold Kalsbeck
 Postoffice address Estelline State South Dakota 57234
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) _____
3. Name of diversion work KALSBECK IRRIGATION PROJECT
4. Amount of water claimed (cubic feet per second) 3.63 3.61
5. Source of water supply 3 wells
6. Location of point of diversion Well #1-1840 ft. S 46°E of NW corner of Section 31, T113N, R50W
Well #2-3400 ft. S 23°W of NE corner of Section 36, T113N, R51W, Well #3-3830 ft.
S 20°W of NE corner of Section 36, T113N, R51W County Hamlin
7. Annual period or periods during which water is to be used April to October
8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation
9. For irrigation use, _____ Total number of acres to be irrigated 253 253

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.	Land Description	No. Acres Irr.
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-T113N, R50W	22	SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-T113N, R51W	6
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-T113N, R50W	33	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-T113N, R51W	6
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-T113N, R50W	33	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-T113N, R51W	37
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31-T113N, R50W	33	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-T113N, R51W	37

Attach sheet if more space is needed SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-T113N, R51W 23 ac.
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-T113N, R51W 23 ac.

10. Time required to complete construction of water supply system completed years. Additional time required to complete application of water to the proposed beneficial use _____ years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Estelline Journal
12. Principal Features of the Proposed Water Supply System.
- A. Works proposed to divert water from its natural source.
- pumps
- B. Works proposed to transport water to place of use.
- underground pipeline
- C. Works proposed to apply water to beneficial use.
- 2 center pivots

Estimated Total Cost \$ _____

Attachments. Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of Hamlin) ss.I, Arnold Kalsbeck the applicant, certify that I have read the foregoing application and have examined the attached map and that the facts therein stated are true and that I intend, and am able to complete the necessary constructionSigned Arnold KalsbeckSubscribed and sworn to before me this 17 day of July 1978Ronald Foster
Notary Public (or other qualified official)RONALD FOSTER, Notary Public
Hamlin County, S. Dak.

My Commission Expires July 23, 1980

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4309-3
ARNOLD KALSBECK ESTELLINE
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57234 With the following modifications.
 (State)

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights.

The applicable portions of Permit No. 1505-3 have been incorporated into this Permit No. #4309-3 and Permit No. 1505-3 has been placed in a cancelled status.

Date of first receipt of application JULY 18 19 78
 Date of return to applicant for correction, amendments or changes required _____ 19 ____
 Date of receipt of corrected application _____ 19 ____
 Approved MARCH 28 19 79 Recorded in Book 20 Page 225

WATER RIGHT PERMIT NO. 4309-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4309-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is FEBRUARY 9, 1968 & JULY 18 19 78
2. The equivalent of at least one-fifth of the work above specified is ~~to be~~ completed ~~on or before~~ _____ 19 ____
3. The whole of said work is ~~to be~~ completed ~~on or before~~ _____ 19 ____
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED _____ 19 ____
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 3.63 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before THIS DATE _____ 19 ____; said water to be used during the following described annual period: APRIL - OCTOBER

Witness my hand this 5th day of APRIL 19 79

WATER RIGHTS COMMISSION

By:

[Signature]
 Chief Engineer, Executive Officer

Certificate of Construction Issued _____ 19 ____

Water License Issued _____ 19 ____

Well # 1

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 30" Depth 40'

Type of casing Steel
(wood, concrete, steel, etc.)

Size of casing 18" Thickness of casing 3/16"

Length of casing 40' If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen Slotted

Size of perforated screen 18" 16'
(diameter) (length)

Thickness of gravel pack 6" length of gravel pack 40'

(c) Water Bearing Materials

Distance to water 14' Character of water bearing materials
Per Size Gravel

Thickness of water bearing material 3.2'

(d) Pump and Motor

Type of pump Turbine
(centrifugal, propeller, mixed flow, etc.)

Name of pump Layne Bowler size 8"

Kind of motor Electric
(gasoline, electric, diesel, etc.)

Horsepower 60 Name of Motor

(e) Complete well

Capacity 10000' at drawdown of 6' Estimated cost \$1800.00

(f) Owner of land upon which well is located Arnold Kalsbeck
Name

..... Estelline S. Dick
Address

(g) Distance to nearest existing wells

On same owner's property 80 rods. On property owned by others 120 rods

Well # 2

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 30" Depth 40'

Type of casing Steel
(wood, concrete, steel, etc.)

Size of casing 18" Thickness of casing 3/16

Length of casing 40' If collection gallery, length, size and depth of gallery _____

(b) Screens

Type of perforated screen Slotted

Size of perforated screen 18" 16'
(diameter) (length)

Thickness of gravel pack 6" length of gravel pack 40'

(c) Water Bearing Materials

Distance to water 14' Character of water bearing materials _____

Pea Size Gravel

Thickness of water bearing material 32'

(d) Pump and Motor

Type of pump Turbine
(centrifugal, propeller, mixed flow, etc.)

Name of pump Wynne Boulder size 8"

Kind of motor Electric
(gasoline, electric, diesel, etc.)

Horsepower 6.0 Name of Motor _____

(e) Complete well

Capacity 1000 at drawdown of 6' Estimated cost 1000 ^{est.}

(f) Owner of land upon which well is located Arnold Kalsbeck
Name

Estelline, S. Dak.
Address

(g) Distance to nearest existing wells

On same owner's property 160 rods. On property owned by others 90 rods

EMPIRE

IRRIGATION & DRILLING COMPANY

Highway 14 East

P. O. Box 1252

Huron, South Dakota

Ph. 352-4587

IRRIGATION
Wells
Pumps
Pipe

WATER SYSTEMS
Domestic
Municipal
Stock

POWER UNITS
Diesel
Propane
Gasoline
Electric

PUMPS
Turbines
Centrifugals
Submersibles
Jets

PUMPING TEST REPORT

FOR: Arnold Kalsback

NORTH WELL

Estelline, SD 57234

PUMPING LEVEL				G.P.M.
HEADFLOW				
16 in.	17 ft.	0 in.		601
22 in.	19 ft.	0 in.		698
24 in.	20 ft.	0 in.		732
26 in.	22 ft.	0 in.		792
in.	ft.	in.		

Static Water Level: 11 ft.

Form 2A - Wells, Dugouts, or Water Storage Dams (Supplement to form 2)

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter 18", Depth 30'
(2) Casing, Type steel (wood, concrete, steel, etc) Diameter 18" Thickness 3/16"
(3) Perforated Screen.
Type slotted, Diameter 18", Length 16'
(4) Gravel Pack, Thickness 6", Length of gravel pack 2/0'

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials, (Please attach a copy to test well log if available.)

Character of Water bearing materials 50-30' coarse gravel
over 2' fine sand

Depth to top of water bearing material 6'
Depth to bottom of water bearing material 30'
Thickness of water bearing material 24'
Depth to water (ground surface to water level) 6'

- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property 140' rds. On property owned by others 170' rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Arnold Halberk
Signature of Applicant.

Publish first publication, on or before August 18, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

August 7, 1978

Notice is hereby given that Arnold Kalsback whose post office address is Estelline, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-8; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, 46-6-3, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Commission Rules APSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 3.61 cubic feet of water per second of time from groundwater (3 wells) through the Kalsback Irrigation Project, the point of diversion of which is to be located in the Center of NW $\frac{1}{4}$, Section 31-T113N-R50W and NE $\frac{1}{4}$ SE $\frac{1}{4}$.

of Section 36, Twp. 113N Range 51W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

NW $\frac{1}{4}$, Section 31-T113N-R50W; SE $\frac{1}{4}$ and S $\frac{1}{4}$ NE $\frac{1}{4}$, Section 36-T113N-R51W

This Application No. 4309-3 will be considered by the Water Rights Commission at the 4-H Fairground Meeting Hall, a west of Mitchell, SD on Hwy 16 upon the 13th day of September 1978 at 10 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission in writing prior to the hearing or orally at the hearing.

NOTE: The final proof of publication must be received before the hearing date for the Commission to take action.

WATER RIGHTS COMMISSION

BETTY WESTLUND
Water Rights Specialist

cc: Arnold Kalsback
Estelline, SD 57234

No. 4309-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Hamlin) ss.

I, M. R. Hausman hereby
certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the ESTELLINE JOURNAL

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

City of Estelline

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

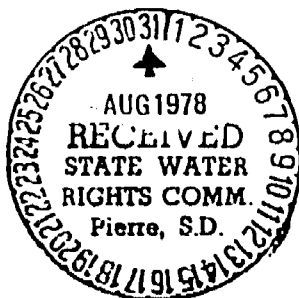
Aug. 17, 1978

Aug 24, 1978

M. R. Hausman
(Signature)

Editor
(Title)

8/24/78
(Date Signed)



Form 8 - Notice of Intent to Ap-
propriate Water
GROUND WATER
No. 4309-3
Publish first publication, on or be-
fore August 18, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE
WATER

Pierre, South Dakota 57501
August 7, 1978

Notice is hereby given that Arnold
Kalsbeck whose post office address
is Estelline, South Dakota, has made
an application in accordance with
the provisions of SDCL 46-1-1 thru
46-1-8; 46-2-9 thru 46-2-11, 46-2-
13; 46-5-1 thru 46-5-8, 46-5-10
thru 46-5-22, 46-5-41, 46-6-3, 46-
6-5, 46-6-6, 1, 46-6-10, 46-6-14 and
Commission Rules ARSD 52:01:01:
01 thru 52:01:01:13, for a permit to
appropriate for beneficial use 3.61
cubic feet of water per second of
time from groundwater (3 wells)
through the Kalsbeck Irrigation Pro-
ject, the point of diversion of which
is to be located in the Center of
NW 1/4, Section 31-T113N-R50W
and N 1/2 SE 1/4, of Section 36,
Twp. 113N Range 51W. Said water
to be used for the purpose of pro-
viding irrigation on portions of the
following described land: NW 1/4,
Section 31-T113N-R50W;
SE 1/4 and S 1/2 NE 1/4, Section
36-T113N-R51W.

This Application No. 4309-3 will be
considered by the Water Rights
Commission at the 4-H Fairground
Meeting Hall, west of Mitchell, SD on
Hwy 16 upon the 13th day of Sept-
ember 1978 at 10-A.M. The Com-
mission is authorized to make a de-
termination on this application at
the hearing. All interested persons
may appear and be heard. Any per-
son who may be affected by a Com-
mission decision who desires to pre-
sent evidence or cross-examine wit-
nesses according to SDCL 1-26 may
notify the Commission in writing
prior to the hearing or orally at the
hearing.

WATER RIGHTS COMMISSION
/s/ Betty Westlund
Water Rights Specialist
(Publ. Aug. 17 & 24, 1978)

8/19

4309-3



Department of Natural Resource Development

WATER RIGHTS COMMISSION
Joe Foss Building, Pierre, South Dakota 57501
Phone 605/773-3151

March 14, 1979

TO: Holders of Deferred Applications in Brookings, Hamlin and Deuel Counties
FROM: John Hatch, Chief Engineer, Water Rights Commission
SUBJECT: Reconsideration of Deferred Applications

The Water Rights Commission will reconsider deferred water right applications in Brookings, Hamlin and Deuel Counties at 1:45 p.m. on March 28, 1979, at the Community Room of the Pierre City Hall, 222 East Dakota Ave, Pierre, South Dakota.

This reconsideration hearing will be conducted in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-14; 46-2-9 thru 46-2-11; 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22; 46-5-41; 46-6-3; 46-6-5; 46-6-6.1; 46-6-10; 46-6-3.1; 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13.

These applications were deferred by the Water Rights Commission in 1977 and 1978, pending Staff investigation. Data from the computer model are not complete at this time, the Commission Staff may recommend deferral on some of the applications until this data is obtained.

After reconsideration of the deferred applications the Commission can approve, conditionally approve, defer, or deny all or part of the Application.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Commission may be appealed to the Courts as provided by law.

Very truly yours,

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Commission

JH:kjw

1505-3 Arnold K.C.B.P.

6-14-78 77 1/2 - 76. 71. 76. 71. 76. 71. 76.

Depth 26 ft - 5 ft to water

Capacity 600 gpm pump 750

gpm for 6 ft. water

Well is 32 ft. 4 ft. to water

Capacity 800 gpm

Depth about 26 ft. to water
in 76. 71. 76. 71. 76. 71. 76.
Capacity 600 gpm pump 750
gpm for 6 ft. water
Well is 32 ft. 4 ft. to water
Capacity 800 gpm

S.M. Motor G.F. 40 H.P.

1750 RPM. Motor 5K62078H 2A

Serial # C6N31725

Comp. 2.12.78 Morris

Age 10 M - 1.9.78. 7500

Serial # N3A2807877 1.9.78

SP. Valley 7.12.78, 4.2.78,

Serial # 26523

Well G.F.M. 10 H.P. (1760 RPM)

Motor 5K62078H 2A, Serial # C6N31725

over

Pump - J. B. A. Morris

Size 10 M, Reg 7000, 1-1

N 3A 2801874 x, Imp Rec M

6" Underground Bitumens pump

N

N 4 to 31 - Field 438 Reg

No Water 5 ft.

Capacity 1000 gpm.

Pumping at 750 gpm

Motor 45 Elec. 60 HP, 1770 RPM

J. P. 2-2841-32-4-325

R. 1073 6 H.

Pump. W. A. A. L. L. L.

Head P 8 M - 3 - 12 K 3 - 14

C. P. Valley Field 2070 L. 48150



Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, Pierre, South Dakota 57501

Phone 605/773-4212

April 5, 1979

Arnold Kalsbeck
Estelline SD 57234

Dear Mr. Kalsbeck:

Enclosed herewith is your Water Right Permit No. 4309-3 as approved by the Water Rights Commission, authorizing you to construct your water diversion system and apply the water to beneficial use, not exceeding the limits as specified in said Water Right Permit No. 4309-3.

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 Water Rights Commission when you have completed the system and/or have put the water to beneficial use. The Commission can then schedule an inspection so that your Certificate of Construction and/or your Water License may be issued to you, thus completing your acquisition of a Water Right.

Respectfully,
WATER RIGHTS COMMISSION

JOHN HATCH, Chief Engineer

JH:kjw

enclosure

P.S. The applicable portions of Permit No. 1505-3 have been incorporated into this Permit No. 4309-3 and Permit No. 1505-3 has been placed in a cancelled status.

Form 10.



4309-3 *Hamber*
No. 1505-3 *old permit 72*
new no. 4309-3

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

Post Office Estelline S.D.
Date June 18 - 1979

TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 4309-3

Water Right Permit No. _____ states that the diversion system is to be constructed by _____, 19____ and that the water is to be put to beneficial use by _____, 19____.

The diversion system was completed on _____, 19____.
Applying the water to beneficial use was completed on July,
19 76.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Arnold Kabebeck
(Signature)

South Dakota
Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Division of Water Rights
605 773-3352

No. 4309-3

March 3, 1987

Arnold Kalsbeck
RR 1, Box 213
Estelline, South Dakota 57234

Dear Mr. Kalsbeck:

The inspection of your water use system and inspection of the extent of the application of water to beneficial use, as developed under your Water Right No. 4309-3 has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuing of the Water License. Upon receipt of the \$50.00 fee from you, your Water License will be sent to you.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until this \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Maxine Stirling
Secretary

ms/

NOTE: On form of payment, please include the number of the water permit. This insures proper handling of the fee.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

410705

Pierre, March 10, 1997

RECEIVED OF Arnold Kalsbeck, RR 1, Box 213, Estelline, SD 57234

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____		
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. 4309-3	50	00
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	50 00

By John Hatch

Chief Engineer

JOHN HATCH



Permit No. 4309-3Big Sioux River Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWNR, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by Arnold
Kalsbeck of Ellington, S.D. 57234 holder ofPermit No. 4309-3, bearing the priority of Feb 9 1968 authorizing
the diversion of 3.41 cu. ft. per second of the waters of Groundwater
for Irrigation purposes, in Hamlin - Deuel Counties

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

3 Pumps: 2 Fairbanks Morse, 400 GPM; 1 Western Landoller, 650 GPM
3 Motors: 2 GE Motors, 40HP each; 1 US Electric, 60HP

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

540 ft. 28"-10" PVC

C. Works used to apply water to beneficial use:

2 Center Pivots: Valley 1300 ft. 10 towers 650 GPM output
Valley 1320 ft. 10 towers 800 GPM outputThe system is in the following condition GoodThe point of diversion is located Well #1: 1320 ft. S., 1320 ft. E. (from NW corner sec. 31, T113N-R50W (Deuel Co.))
Well #2: 1320 ft. W., 1550 ft. (from SE corner sec. 36, T113N-R51W (Hamlin Co.))
Well #3: 1370 ft. W., 2100 ft. N. (from SE corner sec. 36, T113N-R51W (Hamlin Co.))The works are capable of diverting and conveying to the place of use 3.23
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:

T113N-R51W (Hamlin Co.)				T113N-R50W (Deuel Co.)				July 18, 1978 Priority	
SWNE	Sec. 36	2.0	AC	NWNW	Sec. 31	2.9	AC	date for .89 CFS from well #2 (See Aerial Photo) and	
SENE		3.0		NENW		3.3			
NESE		37.0		SWNW		3.3		Feb. 9, 1968 priority date	
NNSE		36.0		SENW		3.3			
SESE		24.0						for the remainder of the water (2.34 CFS)	
SIOWE		24.0							

comprising a total of 254 acres of land and the license should be issued for 3.23 cfsApplicable permit qualifications have been complied with Yes NoExceptions to compliance are: No well log available Date 8/28/86Drilling Co. out of Business

(signature)

MP Shad

LICENSE FOR PERMIT NUMBER 111001

7000 Wells
7000 Wells

1. Legal location of wells: _____

dams & structures: _____

2. Well Information: Well Drilling Firm _____

No. of wells _____ Depth _____

Casing a) diameter _____ Screen a) type _____
b) length _____ b) length _____
c) type _____ Static Water Level _____

Pump a) make Fairbanks Morse Motor a) make CE
b) model 11/1000007071X b) model no. 5462424440
c) size 1000 c) horsepower rating 40
d) capacity 1000 / 4000 GPH d) motor efficiency rating 1/40
e) turbine pump no. of stages _____

3. Distribution lines:
a) size of lines 10"
b) type PI
c) length 80' + 100' in 2nd well

4. Dam Information:
a) height to crest _____
b) height to spillway _____
c) crest width _____
d) crest length _____
e) spillway length _____
f) spillway width _____
g) approx. storage _____
h) Distribution lines or canals:
1) size _____
2) type _____
3) length _____

1) Outlet tubes:
1) diameter _____
2) type _____
3) valued (Y/N) _____
4) valve type _____
5) location on structure _____

5. System Type: a) sideroll:
1) length _____ feet
2) diameter of pipe _____
3) make, model & number of sprinklers _____
4) spacing of sprinklers _____
5) nozzle size _____

b) towline:
1) length _____ feet
2) make, model & number of sprinklers _____
3) spacing of sprinklers _____
4) nozzle size _____

5. System Type c) center pivot

- 1) make IN 1100
- 2) number of towers 10
- 3) distance between towers 1000
- 4) overall length 1200
- 5) End gun (Y/N) Y
- 6) high or low pressure 11
- 7) make & size of nozzles 11
- 8) PSI reading while system is running 11
- 9) GPM 800

g) Gun

- 1) make 11
- 2) serial number 11
- 3) nozzle size 11
- 4) capacity (GPM) 11
- 5) PSI 11
- 6) hose size 11
- 7) hose length 11

d) Gate Pipe

- 1) length 11
- 2) diameter 11
- 3) spacing of gates 11

e) Siphons

- 1) number 11
- 2) size 11

f) Portable boom

- 1) make 11
- 2) serial number 11
- 3) nozzle size 11
- 4) capacity (GPM) 11
- 5) PSI 11

h) Hydromatic

- 1) make 11
- 2) model 11
- 3) serial number 11
- 4) length 11
- 5) nozzle size 11
- 6) spacing 11
- 7) PSI 11
- 8) capacity (GPM) 11

YES	NO	Check Items
☐	☐	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.
☐	☐	2. Special Qualifications to permit being abided by.
☐	☐	3. All Structures, wells and lands on map.

REMARKS:

LICENSE FOR PERMIT NUMBER 4309-B Central

873-2134

1. Legal location of wells: Central (NW) 21-41S-30E-1R-674-113-51

dams & structures: _____

2. Well Information: Well Drilling Firm _____

No. of wells _____

depth _____

Casing a) diameter _____

Screen a) type _____

b) length _____

b) length _____

c) type _____

Static Water Level _____

Pump

a) make Am Juxon Red Roller

Motor a) make 115 1/2 hp

b) model 1007623

b) model no. P 2841-02-4-325

c) size _____

c) horsepower rating 60

d) capacity 650 GPH

d) motor efficiency rating _____

e) turbine pump

no. of stages _____

3. Distribution lines:

a) size of lines 6"

b) type AI

c) length 30'

4. Dam Information:

a) height to crest _____

b) height to spillway _____

c) crest width _____

d) crest length _____

e) spillway length _____

f) spillway width _____

g) approx. storage _____

h) Distribution lines or canals:

1) size _____

2) type _____

3) length _____

1) Outlet tubes:

1) diameter _____

2) type _____

3) valued (Y/N) _____

4) valve type _____

5) location on structure _____

5. System Type: a) sideroll:

1) length _____ feet

2) diameter of pipe _____

3) make, model & number of sprinklers _____

4) spacing of sprinklers _____

5) nozzle size _____

b) towline:

1) length _____ feet

2) make, model & number of sprinklers _____

3) spacing of sprinklers _____

4) nozzle size _____

5. System Type: c) center pivot

- 1) make 1/2" 11-11
- 2) number of towers 110
- 3) distance between towers 120'
- 4) overall length 13
- 5) End gun (Y/H) Y
- 6) high or low pressure 11
- 7) make & size of nozzles
- 8) PSI reading while system is running
- 9) GPM 650

g) Gun

- 1) make
- 2) serial number
- 3) nozzle size
- 4) capacity (GPM)
- 5) PSI
- 6) hose size
- 7) hose length

d) Gate Pipe

- 1) length
- 2) diameter
- 3) spacing of gates

e) Siphons

- 1) number
- 2) size

f) Portable boom

- 1) make
- 2) serial number
- 3) nozzle size
- 4) capacity (GPM)
- 5) PSI

h) Hydromatic

- 1) make
- 2) model
- 3) serial number
- 4) length
- 5) nozzle size
- 6) spacing
- 7) PSI
- 8) capacity (GPM)

YES	NO	Check Items
☐	☐	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.
☐	☐	2. Special Qualifications to permit being abided by.
☐	☐	3. All Structures, wells and lands on map.

REMARKS:

State of South Dakota
Water License No. 4309-3

(1) Arnold Kalsbeck
of RR 1, Box 213, Estelline, South Dakota 57234
made Application No. 4309-3, July 18, 1978 for a water permit to appropriate
3.61 cubic feet per second of water from groundwater (three wells),
Hamlin-Deuel County, South Dakota for irrigation purposes.
Permit No. 4309-3, with a priority date of February 9, 1968 and July 18, 1978
was approved March 28, 1979 and issued to applicant(s) for diversion of water with construction of the described
water supply system ~~to be completed on or before~~ and ~~for~~ the application to beneficial use of said
water ~~on or before~~ completed.

and

(2) It is certified that the application has complied with the provisions of South Dakota State Law relating to completion of
the construction of the water supply system and is entitled to divert 3.23 cubic feet per second of water
for beneficial use. The location of the diversion point(s) is are Well #1 - 1320 feet South and 1320
feet East from the NW Corner Section 31, T113N-R50W (Deuel County); Well #2 - 1320 feet
West and 1550 feet North from SE Corner Section 36; Well #3 - 1370 feet West and 2100
feet North from SE Corner Section 36, T113N, R51W (Hamlin County)

and

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to the following extent, to irrigate the following land:

...T113N-R51W (Hamlin Co.)

<u>Section 36</u>	<u>SW$\frac{1}{4}$NE$\frac{1}{4}$</u>	<u>2.0 Acres</u>	<u>T113N-R50W (Douel Co.)</u>		
	<u>SE$\frac{1}{4}$NE$\frac{1}{4}$</u>	<u>3.0 Acres</u>	<u>Section 31</u>	<u>NW$\frac{1}{4}$NW$\frac{1}{4}$</u>	<u>29 Acres</u>
	<u>NE$\frac{1}{4}$SE$\frac{1}{4}$</u>	<u>37.0 Acres</u>		<u>NE$\frac{1}{4}$NW$\frac{1}{4}$</u>	<u>33 Acres</u>
	<u>NW$\frac{1}{4}$SE$\frac{1}{4}$</u>	<u>36.0 Acres</u>		<u>SW$\frac{1}{4}$NW$\frac{1}{4}$</u>	<u>33 Acres</u>
	<u>SE$\frac{1}{4}$SE$\frac{1}{4}$</u>	<u>24.0 Acres</u>		<u>SE$\frac{1}{4}$NW$\frac{1}{4}$</u>	<u>33 Acres</u>
	<u>SW$\frac{1}{4}$SE$\frac{1}{4}$</u>	<u>24.0 Acres</u>	<u>TOTAL</u>		<u>254 ACRES</u>

(4) Pursuant to §46-5-30.1 Arnold Kalsbeck

of RR 1, Box 213, Estelline, South Dakota 57234

the holder(s) and/or owner(s) of Water Permit No. 4309-3 is issued a license to appropriate water, the right to use 3.23 cubic feet per second of water from groundwater (three wells) with a priority date of 0.89 cfs from July 18, 1978 of 2.34 cfs from February 9, 1968 from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation

This license is subject to any limitations or qualifications listed in Water Permit No. 4309-3 and subject to South Dakota State Law.

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

JOHN HATCH

NOV 3 1987


Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

No. 4309-8

Department of Water & Natural Resources

NOV 3 1987

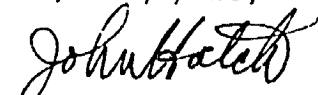
Arnold Kalsbeck
RR 1, Box 213
Estelline, South Dakota 57234

Dear Mr. Kalsbeck:

Enclosed herewith is, Water License No. 4309-3. This is the final water right document completing your process of obtaining a water right.

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.

Very truly yours,



JOHN HATCH, Chief Engineer
Water Rights Division

JH: ms

Enclosures

WNR-817 3/83
Transmittal of Water License

4309-3

DIVISION OF WATER RIGHT NO. 4309-3
INTO NOS. 4309A-3 & 4309B-3

The Deuel County portion of Water Right No. 4309-3 has been transferred to Steve Kalsbeck. Water Right No. 4309-3 was divided and reissued as follows:

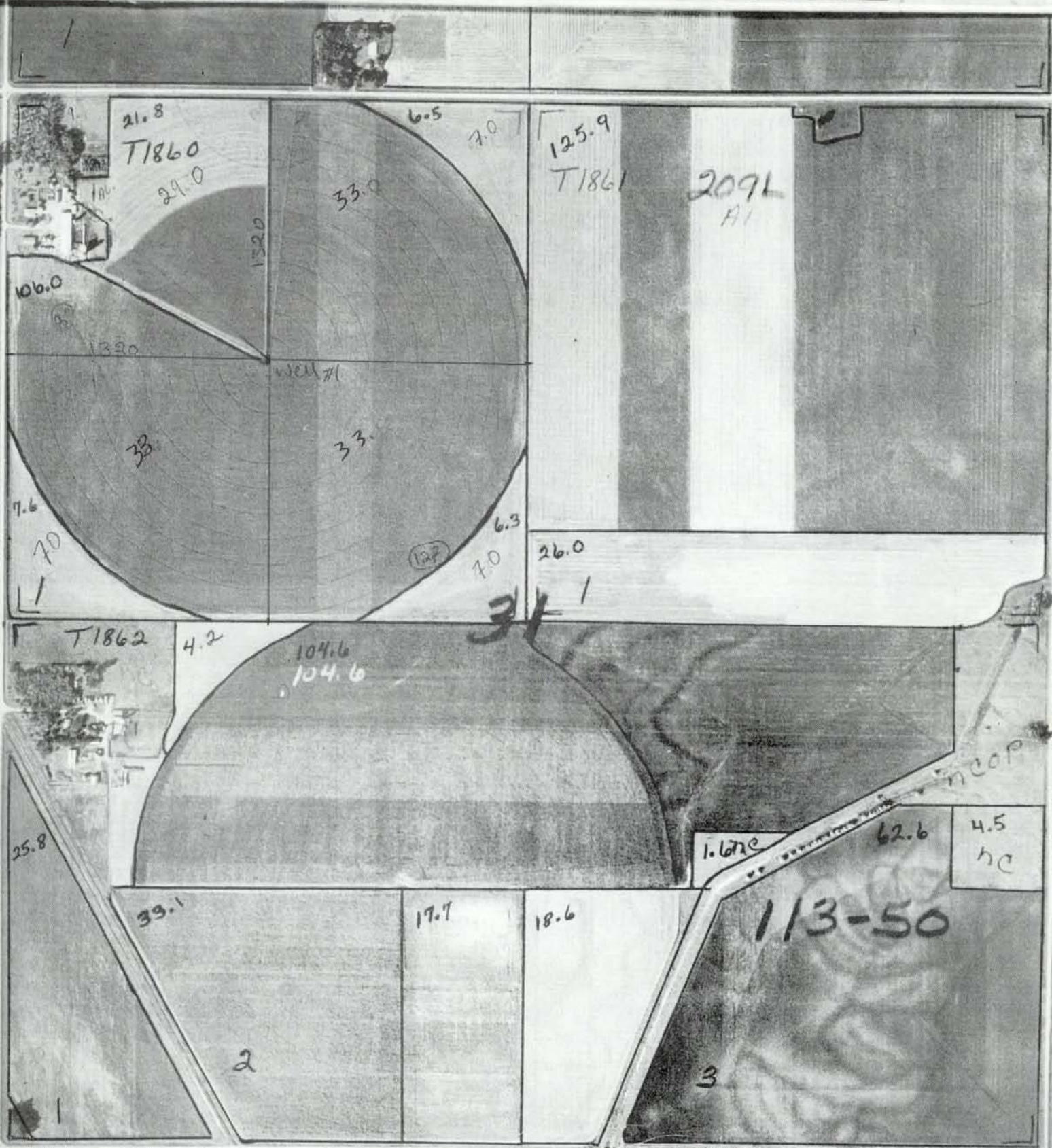
No. 4309A-3, Arnold Kalsbeck, authorizing diversion of 1.78 cfs from two wells (Hamlin County) to irrigate 126 acres located in Section 36, T113N, R51W, (priority dates - 0.89 cfs from February 9, 1968 and 0.89 cfs from July 18, 1978);

T113N, R51W Section 36	SW 1/4 NE 1/4	2.0 acres
	SE 1/4 NE 1/4	3.0 "
	NE 1/4 SE 1/4	37.0 "
	NW 1/4 SE 1/4	36.0 "
	SE 1/4 SE 1/4	24.0 "
	SW 1/4 SE 1/4	24.0 "
	TOTAL	126 acres

No. 4309B-3, Steve Kalsbeck, authorizing diversion of 1.45 cfs from one well (Deuel County) to irrigate 128 acres located in Section 31, T113N, R50W (priority date - February 9, 1968)

T113N, R50W Section 31	NW 1/4 NW 1/4	29 acres
	NE 1/4 NW 1/4	33 "
	SW 1/4 NW 1/4	33 "
	SE 1/4 NW 1/4	33 "
	TOTAL	128 acres

NOT TO SCALE



Rasool Ahadi
NRE 9/2/06

Water License
No. 4309-3

1986

NOT TO SCALE

Non
Crop

113-51

149.2
T111

479-209-L
A16

Transferred
To
Devel.

36

9.8

County

T768

68.3

2

2.1
4

T746

25.5

6.6

32.2

24.0

24.0

16

113-51

Water License

No. 4309-3

Rassool Ahadi 9/2/06
NRE