

Considered: April 25, 1984

WATER PERMIT NO. 1546A-2
~~1546-2A~~
MAP No. 1546-2A

Name of Applicant Lallone & Richard Kerner

Post Office Address RR #1, Box 40, Burke, S.D. 57523

Amount of Water Claimed no add'l (0.63) Total Acres No add'l (43.4)

Source of Water Supply two 95' wells & 100 ac ft storage dam

Water to be used for IRR County Gregory

About 12S 2 miles west of Burke

PROOF OF PUBLICATION: Received 1st 3-27-84 Not Received

APPLICATION: Approved 4-25-84 Subject to

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

PRIORITY Date Received 1/18/84 Fee 50.00 Remarks

3-23-77 Originally Permit 1546-2 was issued for 2.7 cfs from 3 wells the final inspection revealed applicant using only 2 wells + storage dam

Corrected Application Received Period of Annual Use 4/1 to 10/31

WATER QUALITY APPROVAL RECEIVED APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES NO REMARKS

Checked with Dept. of Ag Staff and a Buck sheet with the maps is being sent to their office for Kerner's file 1/19/84

Diversion Point

Wells in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ SW $\frac{1}{4}$; Storage dam

located in NE $\frac{1}{4}$ SW $\frac{1}{4}$ all in Section 23-95-72

Land to be Irrigated

E $\frac{1}{2}$ SW $\frac{1}{4}$ and NW $\frac{1}{4}$ SE $\frac{1}{4}$, 23-95-72

Well Log: Driller Licensed YES NO

Depth of Well 2 wells 95' deep REMARKS and a 100 ac ft storage dam

Type of Map aerial PREPARED BY Tim Schaal Reviewed and the Number

assigned on 1/19/84 By Betty Westlund *B. Westlund*

Mail to: Water Rights Div.
DWNRR, Foss Bldg.
Pierre, SD 57501
(605) 775-3352

No. 1546A-2 Hydrologic Unit 1015001
Map No. 1546A-2 Basin Hlob. Trib.
Newspaper Burke Gazette

Application For Permit To Appropriate Water Within The State Of South Dakota

Type of Application: Check one or more of the following:

New ☐ Vested Right ☐ Future Use ☐

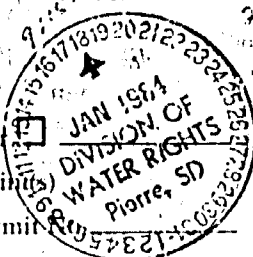
☒ Application to amend Permit No. 1546-2 with old priority date retained

☐ Change diversion point(s) ☐ Add diversion point(s) ☐ Change acreage ☐ Other ☐

☐ Application to: ☐ Change use ☐ Change diversion point(s) ☐ Add diversion point(s)

☐ Add Acreage ☐ Increase diversion rate ☐ Other ☐ See Permit

☐ Application to: ☐ Use ☐ Transfer water reserved by Future Use Permit No. _____



1. Name of Applicant LaMone & Richard Kerner Phone No. 775-2939

Post Office Address RR #1, Box 40 Curke State SD 57523
(Street, RR or Box) Zip Code

2. Amount of water claimed (c.f.s.) no add'l Total acres irrigated _____

3. Source of Water supply 2 wells & 100 ac ft storage dam

4. Location of point of diversion Well #1 - NE $\frac{1}{4}$ SW $\frac{1}{4}$, Well #2 - SW $\frac{1}{4}$ SW $\frac{1}{4}$
storage dam - NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, T95N, R72W

County Gregory

5. Counties where water will be used Gregory

6. Annual period during which water is to be used April thru October

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.

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Give a brief description of proposed project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Originally Permit No. 1546-2 was issued for 2.7 cfs from 3 wells, the final inspection revealed that the applicant is using only 2 wells plus the storage dam.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA
County of Gregory

I, Richard Kerner the applicant, certify that I have read the foregoing application, have examined the attached map and that the matters therein stated are true and that I intend, and am able, to complete the necessary construction.

Signed Richard Kerner

Subscribed and sworn to before me this 16th day of January 19 84

Brenda A. Appert
Notary Public (or other qualified officer)

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter 36" Depth 95'
- b) Casing Type cast-in-place concrete Diameter 16" Thickness 3/4"
- c) Screen Type 1/8" perforated Diameter 16" Thickness 3/4"
- d) Gravel Pack Thickness 20" Length of Gravel Pack 80 ft
- e) Depth to Top of Water Bearing Material 32'
- f) Depth of Water (ground surface to water level) 32'
- g) Distance to nearest existing domestic well:
- On applicants property 40 rods On property owned by others 240 rods

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 5 ft

c) Crest Width 12 ft

Crest Length 300 ft

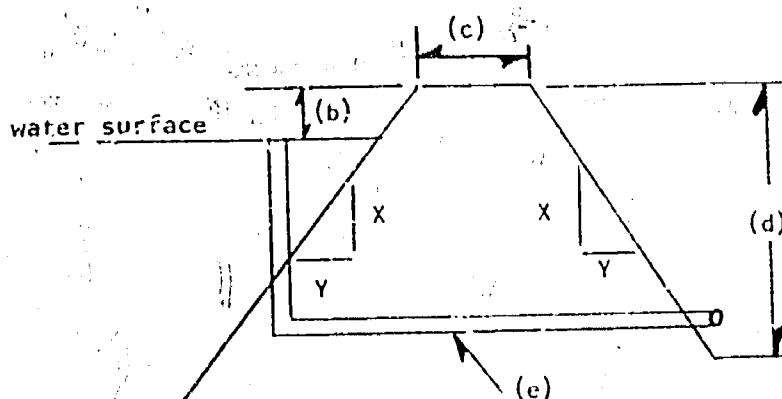
d) Height 25 ft

e) Outlet Dimensions:
Pipe diameter _____

Spillway width _____

f) X & Y Slope
Upstream _____

Downstream _____



Surface Area of Impoundment approx 8 ac

Storage 100 acre feet

Drainage area above dam 1 sq mile

Richard Keener
Signature of Applicant

REPORT ON PERMIT APPLICATION NO. 1546A-2

LAMONE AND RICHARD KERNER

February 28, 1984

Permit Application No. 1546A-2 is to change the diversion points approved under Water Permit No. 1546-2. Permit No. 1546-2 was approved for 3 wells approximately 150 feet deep to irrigate 190 acres in southwest Gregory Co. When the license inspection was conducted, it was found that only two wells had been completed that each pumped about 60 gpm into a 100 acre foot storage dam that was constructed and only 43 acres were being irrigated from the dam. There is only one square mile of drainage above the dam.

Conclusions

1. This application does not propose any new appropriation of water.
2. No existing rights will be adversely affected.

Kevin C. Larson

KEVIN C LARSON
Water Resources Engineer

RECOMMENDATION OF CHIEF ENGINEER FOR WATER
PERMIT APPLICATION NO. 1546A-2, Lamone & Richard Kerner

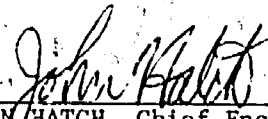
Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 1546A-2, Lamone and Richard Kerner, KR 1, Box 40, Burke SD.

The Chief Engineer is recommending APPROVAL of Application No. 1546A-2 because 1) the proposed diversions can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) in the public interest with the following qualifications:

The irrigation wells approved under this Permit will be located near domestic wells and other 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 adequate wells having prior water rights.

This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See the attached report for additional information.



JOHN HATCH, Chief Engineer
March 7, 1984

RECEIPT

Division of Water Rights

No 4 9499 -

South Dakota Department of Water and Natural Resources

Pierre, January 18, 1934

RECEIVED OF Richard Kerner, RR#1, Box 40, Burke, SD 57523

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

Fee for Application for Permit No. 1546-2 to Appropriate Water, to construct works and to put water to beneficial use	50	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	50 00

By John Hatch
Chief Engineer JOHN HATCH

WF or WR No. 1546A-2

Instruction to Newspaper - Publish first publication of the following Notice on or before March 14, 1984 with 2nd publication 1 week later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 1546A-2 to Appropriate Water and/or to Amend Water Permit or Water Rights No. 1546-2

Notice is hereby given that LaMone & Richard Kerner whose mailing address is RR#1, Box 40, Burke, South Dakota has made an application for a permit

to amend Permit No. 1546-2 to change the diversion points from the three wells requested by No. 1546-2 to the three diversion points actually constructed; two 95 foot deep wells, No. 1 located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and Well No. 2 located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ that are pumped into a 100 acre foot storage dam located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$, all in Section 23, T95N, R72W for irrigation of lands authorized by No. 1546-2. No. 1546A-2 does not appropriate any additional cubic feet per second or change the lands authorized for irrigation by No. 1546-2.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends

APPROVAL of Application No. 1546A-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Foss Building 523 E. Capitol, Pierre, South Dakota, April 25 1984 at 10:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by April 13, 1984. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of 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, 46-5-1 thru 46-5-16, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; 46-2A-1 thru 46-2A-10, 46-2A-12; (ground) 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; (future use) ~~46-5-38 thru 46-5-40; (transfer lands) 46-5-30.4, 46-5-33 thru 46-5-35; (10,000 AFA) 46-5-20.1, 46-5-8.1; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15; (future use) 74:02:01:24 thru 74:02:01:25; (10,000 AFA) 74:02:01:15.02 thru 74:02:01:15:03.~~

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, 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.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWNR, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by April 13, 1984.

Affidavit Of Publication

STATE OF SOUTH DAKOTA
COUNTY OF GREGORY

ss.

C. J. FAHRENBACH of said county being first duly sworn oath says that he is the publisher of THE BURKE GAZETTE weekly newspaper printed and published in Burke said County Gregory and has full and personal knowledge of all facts her stated: that said newspaper is a legal newspaper and has bona fide circulation of at least two hundred copies weekly, and has been published within said county for fifty-two successive weeks next prior to the publication of the notice herein mentioned, and is printed wholly or in part in an office maintained at said place of publication; that the

Notice of Hearing

a printed copy of which, taken from the paper in which the same was printed, is attached to this sheet, and is made a part of this Affidavit, was published in said newspaper at least once in each

week for 2 successive weeks, on the day of each week on which said newspaper was regularly published, to-wit:

Wednesday, March 14, 1984

Wednesday, March 21, 1984

that the full amount of the fees for the publication of the annexed notice is \$ 39.40

Subscribed and sworn to before me this 21 day of March, 1984.

Mary DeBenedictis
Notary Public
County of Gregory, South Dakota



NOTICE OF HEARING On Application No. 1546A-2 to Appropriate Water and/or to Amend Water Permit or Water Right No. 1516-2

Notice is hereby given that LaMone and Richard Kerner whose mailing address is RR #1, Box 40, Burke, South Dakota has made an application for a permit to amend Permit No. 1546-2 to change the diversion points from the three wells requested by No. 1546-2 to the three diversion points actually constructed; two 95 foot deep wells, No. 1 located in the NE 1/4 SW 1/4 and Well No. 2 located in the SW 1/4 SW 1/4 that are to be used into a 100 acre foot storage dam located in the NE 1/4 SW 1/4, all in Section 23, T95N, R72W for irrigation of lands authorized by No. 1546-2. No. 1546A-2 does not appropriate any additional cubic feet per second or change the lands authorized for irrigation by No. 1546-2.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends Approval of Application No. 1546A-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) is beneficial use of water and 4) is in the public interest.

This application will be considered by the Water Management Board at Room Building 523 Capitol, Pierre, South Dakota, April 25, 1984 at 10:00 am. The commendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to make a determination on this application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the Applicant and the Chief Engineer by April 13, 1984. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reason for the petitioner's opposition to or support of the application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

This application is made pursuant to the provisions of 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, 46-5-1 thru 46-5-16, 46-5-24, 46-5-25, 46-5-30.2, 46-5-31; 46-2A-1 thru 46-2A-10, 46-2A-12; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14; and Board Rules ARSD 74:02:01:71 thru 74:02:01:15.

This hearing is an adversary proceeding. The applicant or any person, after filing a petition, 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.

Any person wishing a copy of the Chief Engineer's recommendation, further information on this application or to assure access to the hearing by the handicapped can contact the Water Rights Division, DWRN, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of the hearing will be automatically extended for at least twenty days upon written request of the applicant or any person who has filed a petition to oppose or support the application. The request for extension must be filed with the Chief Engineer by April 13, 1984.
Mar.14-21

(114)

Water Rights Division
605 773-3352

January 6, 1984

Richard Kerner
RR #1, Box 40
Burke SD 57523

Dear Mr. Kerner:

Last summer I stopped at your place to make the final inspection on water permit No. 1546-2. The permit was for 2.7 cfs from 3 wells, to irrigate 190 acres in Section 23, T95N, R72W. You are now using only 2 wells and a storage dam. As I told you then, the storage dam needs to be included on your permit. Enclosed are the necessary forms, please sign and notarized them and return them to our office with the filing fee of \$50.00.

If you have any questions, please

Sincerely,

Genny

TIMOTHY G SCHAAL
Water Resources Engineer

TGS:ks
enclosures

I sent him an Application form to amend 1546-2 (1-6-84) to include storage dam. I included dam an Inspection Report so maybe we should wait until amendment is approved before we issue his license.

Tom

OK.

Send for fee later then.



Department of Water & Natural Resources

Joe Foss Building
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

1546A-2

May 9, 1984

Lemone & Richard Kerner
Route #1, Box 40
Burke, South Dakota 57523

Dear Sir:

Enclosed herewith is your Water Permit No. 1546A-3 as approved by the Water Management Board authorizing your water diversion system and apply the water to beneficial use, not exceeding the limits as specified in said water Right Permit No. 1546A-3.

The final inspection has been completed on this Permit, and we are ready to issue the Water License. Statutes require we charge \$50 for the inspection and issuance of the final papers. Upon receipt of this amount, the final papers will be sent to you.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH: ms

enclosure

RECEIPT

Division of Water Rights

No 4 9686

South Dakota Department of Water and Natural Resources

Pierre, June 14, 1984

RECEIVED OF Richard Kerner, RR#1, Box 40, Burke, SD 57523

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. 1546A-2	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 013

WATER RIGHTS DIVISION
(605) 773-3352

August 28, 1984

Lallone and Richard Kerner
RR#1, Box 40
Burke, South Dakota 57523

Dear Sirs:

In the process of writing up the water license for 1546A-2 it was discovered that we did not have a copy of the well logs for either of your wells. On July 2, 1984, Juracek Well Company was contacted concerning submission of the logs and they indicated they would send the logs in. To date, we have not heard from them on this matter.

The inspection of your water use system conducted by Tim Schaaf of this office, shows the wells to be located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 23, T95N, R72W. If you have any information as to the well construction of these wells or are able to obtain a copy of the actual well logs, please forward the information to this office as soon as possible. The water license is ready to be issued for this permit, but cannot be done until this information is obtained.

Your assistance in this matter would be appreciated. If you have any questions, please contact us.

Sincerely,

Genny McMath
Natural Resources Analyst

GN:ms

: Juracek Well Co.

Dear Sirs,

In regard to your letter you sent me on August 28, 1984, I have enclosed my copy of the well logs for the 2 wells you mentioned. The first well was dug by Oliver Well Drilling before he sold his business to Juracek. I hope this is the information you need to issue the permit.

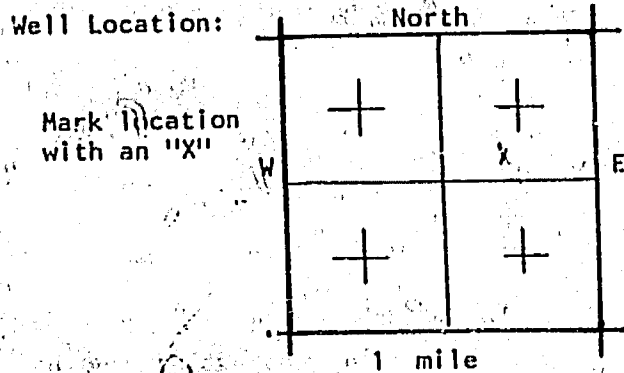
Thank you
Linda Keiser
RR1 Box 40
Burke



PLEASE COMPLETE
ENTIRE FORM

WELL DRILLERS REPORT
Division of Water Rights
Department of Water & Natural Resources

Well Owner: Richard Kennon
Name
Address Bunker So. Dak



County DeWitt
Sec. 23 Twp. 95 Rg. 72

Proposed Use:
☐ Domestic ☐ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☒ Stock

Method of Drilling:
☐ Forward Rotary ☒ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Well Construction:
Diameter of Hole 36"
Depth 95'
Casing ☐ Steel ☒ Concrete
☐ Plastic ☐ Other
If other, specify _____

Was casing end left open _____
Was a well screen installed _____
Describe Well Screen _____
Diameter _____ Material _____
Slot size _____
Was well gravel packed yes
Was well grouted _____
Was water sample taken _____

Remarks:



Water Level Information:
Static water level 32' below land surface
If flowing: closed in pressure _____ PSI
rate of flow _____ GPH
Controlled by:
☐ Valve ☐ Reducers ☐ Other
If other; specify _____

Well Test Data:
☐ Pumped
☒ Bailed Describe: _____
☐ Other
Pumping Level Below Land Surface
ft. After _____ Hrs. pumped 50 GPH
" " " " " "

Well Log:

Formation	From	To
Top Soil	0	5
gravel (dry)	2	6
fine sand	6	11
medium sand	11	20
fine sand (fine)	20	24
fine sand	24	30
fine sand & gravel	30	37
fine sand	37	39
fine sand	39	44
fine sand	44	50
fine sand	50	55

(Use Back if Necessary)

Date Completed: Feb - 16 - 81

Driller: James K. Will #5
Driller's or Firm's Name License NO.
Bunker So. Dak.
Address
James K. Will
Signed By Date Feb. 21 - 81

Estimated cost well over 80 rods. Rebar 240 rods.

1 well
2 well
Drilled out 80 ft
and put in 20'

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

Location of well: NE 1/4 SW 1/4 Section 23 Township 95 Range 72

Well owner Kerner Bros. Burke, South Dakota
(Name) (Address)

Date well drilling completed 5/20/77 Purpose of well Irrigation
(Domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-2	Top soil
2-4	Mag.
4-25	Sand & gravel
25-36	Gravel
36-38	Fine sand
38-46	Mag.
46-48	Sand
48-54	Mag.
54-65	Green mag.
65-86	Fine sand
86-91	Clay

Attach sheet if more space is needed

Depth to top of water producing aquifer 25 ft.
Depth to static water level 25 ft.
Name of producing aquifer (if known) _____
Total depth of drill hole 91 ft.
Depth to bottom of casing 91 ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

16" asbestos concrete 3/4" thick

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

39" asbestos concrete 1/8" perforated

If a flowing well, flow of completed well 65 G.P.M.

Oliver Well Drilling

Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump _____ HP

Type of pump _____ Capacity of installed pump _____ G.P.M.

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required. See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____

Tube material _____

Name of Pump Installation Contractor



LICENSE FOR PERMIT NUMBER 1546-2

1. Legal location of wells: Well #1 NE 1/4 SW 1/4 Sec. 23-T95N-R72W
Well #2 SW 1/4 SW 1/4 " "

dams & structures: storage dam NE 1/4 SW 1/4 " "

2. Well Information: Well Drilling Firm Juracek

No. of wells 2 Depth 95'

Casing a) diameter 18" Screen a) type _____
b) length 95' b) length _____
c) type concrete Static Water Level 25'

Pumps a) make Jacuzzi Motor a) make General Electric
Well b) model submersible Dam b) model no. F880
c) size 2" c) horsepower rating 10
d) capacity 55 to 65 GPM each d) motor efficiency rating _____
e) turbine pump
no. of stages _____

3. Distribution lines:
a) size of lines _____
b) type _____
c) length _____

Pump Western Land Roller
Dam Centrifugal pump.

4. Dam information: 1 mi² of drainage above dam

a) height to crest 25' i) Outlet tubes:
b) height to spillway 20' 1) diameter _____
c) crest width 12' 2) type _____
d) crest length 300' 3) valved (Y/N) _____
e) spillway length 50' 4) valve type _____
f) spillway width 25' 5) location on structure _____
g) approx. storage 100 Ac-Ft
h) Distribution lines or canals:

1) size 8"
2) type Buried PVC
3) length 120'

5. System Type: a) sideroli:

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

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 1400'
- 2) diameter 8"
- 3) spacing of gates 40"

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.

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3. All Structures, wells and lands on map.

REMARKS:

Permit No. 1546-7

Ponca Creek Water District

Report Of Examination Of Works And/Or Application Of Water To Beneficial Use

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

I have this day made a thorough examination of the water use system constructed by LaMone & Richard Kerner of RR #1, Box 40 Burke, SD holder of Permit No. 1546-2, bearing the priority of February 16, 1977 authorizing the diversion of 2.7 cu. ft. per second of the waters of groundwater & storage dam for Irrigation purposes, in Gregory County.

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

A. Works used to divert the water:

2 Jacuzzi: submersible pumps &
Western Rand Roller Centrifugal pump with Electric motor

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

120' - 8" PVC pipe

C. Works used to apply water to beneficial use:

1400' - 8" gated pipe

The system is in the following condition Good

The point of diversion is located: Well #1 1500'E 1320'N (NE 1/4 SW 1/4), Well #2 1300'E 260'N (SW 1/4 SE 1/4), Dam 1400'E 1450'N (NE 1/4 SE 1/4) from the SW corner of 23-95N-72W

The works are capable of diverting and conveying to the place of use 0.63

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: 27.6 Ac. - NE 1/4 SW 1/4,
2.4 Ac. - SE 1/4 SW 1/4, 12.0 Ac. - NW 1/4 SE 1/4, 1.4 Ac. - SW 1/4 SE 1/4
Section 23 - T 9 S N - R 72 W

comprising a total of 43.4 acres of land and the license should be issued for 1.63 cts

Applicable permit qualifications have been complied with X Yes No

Exceptions to compliance are: _____ Date June 15, 1983

Timothy L. Schaal
(signature)

State of South Dakota
Water License No. 1546A-2

(1) LaMone and Richard Kerner
of RR#1, Box 10, Burke, South Dakota 57523
made Application No. 1546A-2 January 18, 1984 amend an existing permit and
no add'l cubic feet per second of water from two wells and a 100 acre foot storage dam
Gregory County, South Dakota for Irrigation purposes.
Permit No. 1546A-2, with a priority date of February 16, 1977
was approved April 25, 1984 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 _____.

The applicable portions of Water Permit No. 1546-2 have been incorporated into this
Water License No. 1546A-2

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 0.63 cubic feet per second of water
for beneficial use. The location of the diversion point(s) ~~is~~ are Well #1 - 1500'E and 1320'N (CA);
Well #2 - 1300'E and 260'N (CC); dam - 1400'E and 1450'N (CA); all from the SW
Corner of Section 23; T95N, R72W

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 all in Section 23, T95N, R72W

<u>NE$\frac{1}{4}$SW$\frac{1}{4}$</u>	<u>27.6 Acres</u>	<u>(CA)</u>
<u>SE$\frac{1}{4}$SW$\frac{1}{4}$</u>	<u>2.4 Acres</u>	<u>(CD)</u>
<u>NW$\frac{1}{4}$SE$\frac{1}{4}$</u>	<u>12.0 Acres</u>	<u>(DB)</u>
<u>SW$\frac{1}{4}$SE$\frac{1}{4}$</u>	<u>1.4 Acres</u>	<u>(DC)</u>
<u>TOTAL</u>	<u>43.4 ACRES</u>	

(4) Pursuant to §16-5-30.1 LaMone and Richard Kerner

of RR#1, Box 40, Burke, South Dakota 57523

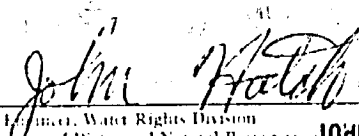
the holder(s) and/or owner(s) of Water Permit No. 1546A-2 is issued a license to appropriate water, the right to use

2.63 cubic feet per second of water from groundwater (two wells & a storage dam) with a priority date

of February 16, 1977 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. 1546A-2 and subject to South Dakota State Law.


Chief Engineer, Water Rights Division
Department of Water and Natural Resources **JOHN HATCH**

July 2, 1984

SOUTH DAKOTA
Department of
Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

September 6, 1984

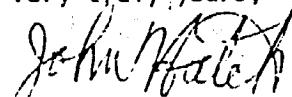
LaMone & Richard Kerner
RR#1, Box 40
Burke, South Dakota 57523

Dear Sirs:

Enclosed herewith is, Water License No. 1546A-2. 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

Applicable portions of Water Permit No. 1546-2 have been incorporated into this Water License No. 1546A-2.

WNR-817 3/83
Transmittal of Water License

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1546A-2

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PERRIE SOUTH DAKOTA 57501-3181

NOV 14 1994

2073-2

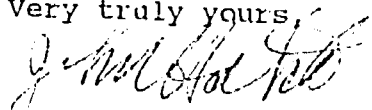
Lamone and Richard Kerner
RR 1, Box 40
Burke, SD 57523

Dear Sirs:

Enclosed is Water License No. 2073-2 and Receipt No. 414287 for \$50.00 which was assessed for an inspection and issuance of the license. Water License No. 2073-2 is the final document which completes the process of obtaining a water right.

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.

Very truly yours,


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

rd
enclosures

NOTE: The applicable portions of Water License No. 1546A-2 have been incorporated into this Water License No. 2073-2.

NOT TO SCALE



Timothy L. Schaal
1-5-84

(Licensed)
1546-2A

NOT TO SCALE

95-72

33.2

68-R

44.5

29.7

23

46.7

21.6

61.3

12.0

Storage dam

x 2

trees

45.4

2
x

95-72