

Considered: _____

WATER PERMIT NO. 1950-2

MAP No. Same

Name of Applicant Leo Reagle

Post Office Address 530 N. Haley Valentine NE.

Amount of Water Claimed 1.53 cfs Total Acres 115

Source of Water Supply Groundwater

Water to be used for IRR County Todd

About 10 miles 5 of Mission

PROOF OF PUBLICATION: Received 1st 2-3-86 Not Received _____

APPLICATION: Approved 3/5/86 Subject to _____

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

PRIORITY _____ Date Received 1-10-85 Fee \$225⁰⁰ Remarks _____

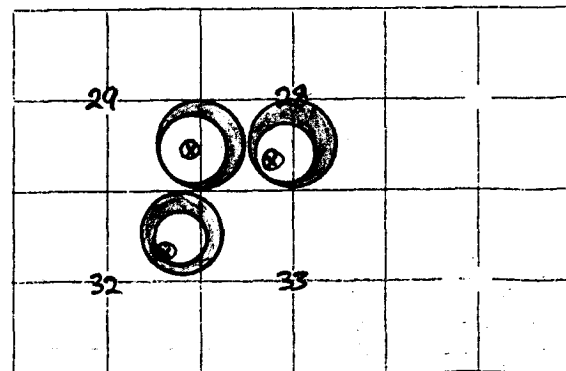
Corrected Application Received _____ Period of Annual Use April to Oct.

WATER QUALITY APPROVAL RECEIVED 11-18-85 APPROVED CONDITIONAL (Circle one)

WI-1 Description same as Application YES X NO _____ REMARKS _____

Diversion Point SE⁴ SE⁴ sec. 29, SE⁴ SW⁴ sec. 28,
NE⁴ NE⁴ sec. 32 T37N-R28W

Land to be Irrigated see list attached to permit



Well Log: Driller Grunch Irig Licensed YES X NO _____

Depth of Well 3 wells 180', 180', 230' REMARKS _____

Type of Map Aerial Photo PREPARED BY Greg Powell Reviewed and the Number
assigned on 11-19-85 By Kevin C. Larsen

No. 1950-2 Hydrologic Unit 10150006
 Map No. Same Basin Nebraska
 Newspaper Todd Co. Tribune Box 229 Mission (Wed)

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. _____ 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 No. 860-2, 891-2

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

1. Name of Applicant Leo Reagle Phone No. 402-376-3777

Post Office Address 530 N. Haley Valentine, Nebraska State 69201
 (Street, RR or Box) Zip Code

2. Amount of water claimed (c.f.s.) 1.53 Total acres irrigated 115

3. Source of Water supply groundwater - Ogallala

4. Location of point of diversion No change - see water licenses 860-2 and 891-2

County Todd

5. Counties where water will be used Todd

6. Annual period during which water is to be used Spring thru Fall

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.
SEE ATTACHED SHEET	

Land Description	No. Acres Irr.

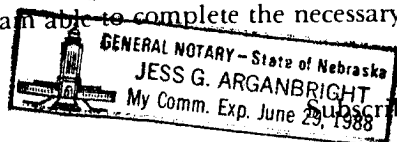
Attach sheet if more space is needed

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)
 The described acreages are additional lands which were added as a result of purchasing two larger center pivots and from the use of an end gun on the third pivot.

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 Todd) For STATE OF S.D.
TO D.D. COUNTY

I, Leo M. Reagle 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 Jess G. Arganbright

Subscribed and sworn to before me this 20th day of Dec 1984

Jess G. Arganbright
 Notary Public (or other qualified officer)

NOT TO SCALE

WL 891-2

37-28

101-6

Natural Resource Engineer

WL-891-2

WL-860-2

WELLY
RUCKY

WELL #2
Pivot #2

Myra J. Paul
Natural

Natural Resource

WL 860-2

35

ART
K-310

545

37-28

36.4

Water Right 1950-2

WATER PERMIT

The Water Management Board hereby approves Water Permit Application No. 1950-2
Leo Reagle 530 N. Haley, Valentine
(Applicant) (Post Office Address)
Nebraska 69201 With the following qualifications.
(State) (Zip Code)

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner, under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

Date of first receipt of application January 10, 1985.
 Date of return to applicant for correction, amendments or changes required _____, 19____.
 Date of receipt of corrected application _____, 19____. Approved March 5, 1986.

The Water Management Board hereby approves this Water Permit No. 1950-2 authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is January 10, 1985.
2. One-fifth of the work is to be completed on or before _____, 19____.
3. The whole of said work is ~~to be completed on or before~~ _____, 19____.
4. The time limit for proof of beneficial use of water is _____, 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 unlawfully impaired by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 1.53 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. For 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~~ _____, 19____; said water to be used during the following described annual period: Apr. 1 - Nov 30

WATER MANAGEMENT BOARD
 By: John H. Hatcher
Chief Engineer
 Division of Water Rights
 Dept. of Water and Natural Resources
APR 21 1986
 _____, 19____

Leo Reagle (Additional Acreage)

NE $\frac{1}{4}$ SW $\frac{1}{4}$	Section 28 T37N R28W	16.0 Acres
SE $\frac{1}{4}$ SW $\frac{1}{4}$	Section 28 T37N R28W	6.0 Acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$	Section 28 T37N R28W	26.0 Acres
SW $\frac{1}{4}$ SE $\frac{1}{4}$	Section 28 T37N R28W	16.0 Acres
NE $\frac{1}{4}$ SE $\frac{1}{4}$	Section 28 T37N R28W	1.0 Acre
NE $\frac{1}{4}$ SE $\frac{1}{4}$	Section 29 T37N R28W	10.0 Acres
NW $\frac{1}{4}$ SW $\frac{1}{4}$	Section 28 T37N R28W	16.0 Acres
SW $\frac{1}{4}$ SW $\frac{1}{4}$	Section 28 T37N R28W	11.0 Acres
NW $\frac{1}{4}$ NE $\frac{1}{4}$	Section 32 T37N R28W	3.0 Acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	Section 32 T37N R28W	1.0 Acre
SE $\frac{1}{4}$ NE $\frac{1}{4}$	Section 32 T37N R28W	3.0 Acres
NE $\frac{1}{4}$ NE $\frac{1}{4}$	Section 32 T37N R28W	3.0 Acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$	Section 33 T37N R28W	2.0 Acres
NW $\frac{1}{4}$ NW $\frac{1}{4}$	Section 33 T37N R28W	1.0 Acres

TOTAL ACRES	115.0
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State of South Dakota

Water License No. 1950-2

(1) Leo M. Reagle
of 530 N. Haley, Valentine, Nebraska 69201
made Application No. 1950-2, January 10, 1985 for a water permit to appropriate
1.53 cubic feet per second of water from groundwater (3 existing wells),
Todd County, South Dakota for irrigation purposes.
Permit No. 1950-2, with a priority date of January 10, 1985
was approved March 5, 1986 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.

Water Permit No. 1950-2 was approved for diversion of 1.53 cfs from existing wells to irrigate 115 acres. The existing wells are licensed under Water License Nos. 860-2 and 891-2.

Water License No. 891-2 contained an error in the legal description of the lands to be irrigated. The lands listed as in the W₁S₁W₁ "Section 29, T37N, R28E" should read "Section 28, T37N, R28W". This error is being corrected in this Water License.

The applicable portions of Water License Nos. 860-2 and 891-2 have been incorporated into this Water License No. 1950-2. The priority dates are as follows: 2.0 cfs from August 9, 1966 (No. 891-2); 2.0 cfs from March 24, 1965 (No. 860-2); and 1.53 cfs from January 10, 1985 (No. 1950-2). The priority dates as they apply to the lands irrigated are described in No. 3 of this license.

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 5.53 cubic feet per second of water for beneficial use. The location of the diversion point(s) ~~is~~ are Well #1 - 750'N and 80'W of the SE Corner of Section 29; Well #2 - 2860'W and 1050'N of SE Corner of Section 28; Well #3 400'W and 1050'S of NE Corner of Section 32; Well #4 - 1200'W and 1250'S of NE Corner Section 29, T37N-R28W.

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, _____

See Attachment A

(4) Pursuant to §46-5-30.1 Leo M. Reagle

of 530 N. Haley, Valentine, Nebraska 69201

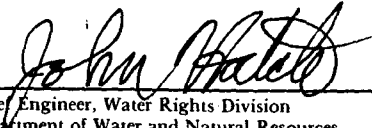
the holder(s) and/or owner(s) of Water Permit No. 1950-2 is issued a license to appropriate water, the right to use

5.53 cubic feet per second of water from groundwater (4 well) with a priority date

2.0 cfs from August 9, 1966; 2.0 cfs from March 24, 1965
of and 1.53 cfs from January 10, 1985 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. 1950-2 and subject to South Dakota State Law.


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

JOHN HATCH

NOV 25 1986

ATTACHMENT A

Water License No. 1950-2
Leo Reagle

	860-2 3-24-65	891-2 8-9-66	1950-2 1-10-85
Section 28, T37N, R28W			
NE 1/4 SE 1/4			1
SW 1/4 SE 1/4	16		16
NW 1/4 SE 1/4	5		26
SE 1/4 SW 1/4	27		6
NE 1/4 SW 1/4	15		16
NW 1/4 SW 1/4		17	16
SW 1/4 SW 1/4		21	11
NW 1/4 NW 1/4	2		
SW 1/4 NW 1/4	2		
Section 29, T37N, R28W			
SE 1/4 SE 1/4		32	
NE 1/4 SE 1/4		22	10
SE 1/4 NE 1/4		29	
NE 1/4 NE 1/4		36	
SW 1/4 NE 1/4		14	
NW 1/4 NE 1/4		20.9	
Section 32, T37N, R28W			
NE 1/4 NE 1/4	35		3
SE 1/4 NE 1/4	18		1
NW 1/4 NE 1/4			1
SW 1/4 NE 1/4			1
Section 33, T37N, R28W			
NW 1/4 NW 1/4	16		1
SW 1/4 NW 1/4	8		2

TOTAL ACRES IRRIGATED: 450.9

Supplemental Information

(type or print in ink)

Ne. Corner Sec, 32-37-28

Well # 1

1. Well Information - Proposed construction

- a) Drill Hole Diameter 36" Depth 180 Ft.
- b) Casing Type Concrete Diameter 22" Thickness 2 3/4"
- c) Screen Type Slot Diameter 228 Thickness 2 3/4"
- d) Gravel Pack Thickness 148 Length of Gravel Pack 180
- e) Depth to Top of Water Bearing Material 14 Ft.
- f) Depth of Water (ground surface to water level) 14 Ft.
- g) Distance to nearest existing domestic well:
On applicants property 3/4 Mile On property owned by others _____

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) Outlet Dimensions:

Pipe diameter _____

Spillway width _____

f) X & Y Slope

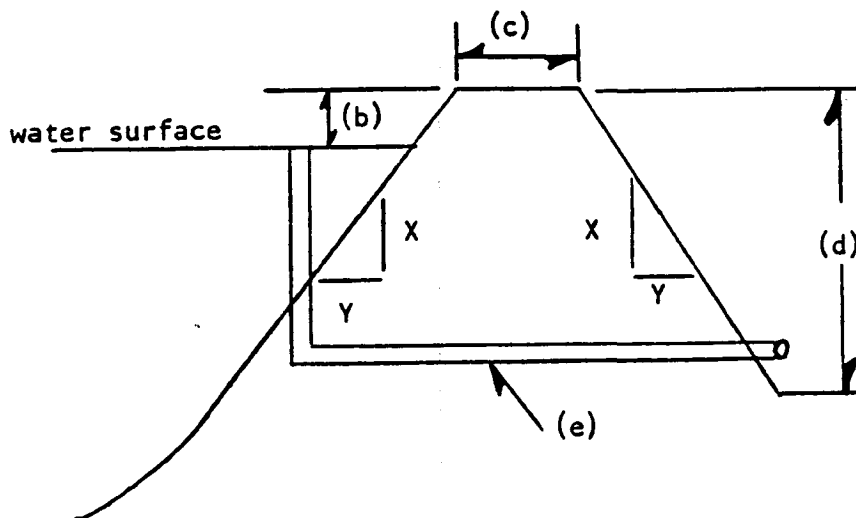
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant

Supplemental Information

Well # 2

(type or print in ink)

SW Corner Sec. 28 - 37 - 28

1. Well Information - Proposed construction

- a) Drill Hole Diameter 36' Depth 230
- b) Casing Type Concrete Diameter 22' Thickness 2 1/2'
- c) Screen Type slot Diameter 22' Thickness 2 1/2'
- d) Gravel Pack Thickness 14 8 Length of Gravel Pack 230
- e) Depth to Top of Water Bearing Material 15 Ft.
- f) Depth of Water (ground surface to water level) 15 Ft.
- g) Distance to nearest existing domestic well:
On applicants property 1/2 Mile On property owned by others _____

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) Outlet Dimensions:
Pipe diameter _____

Spillway width _____

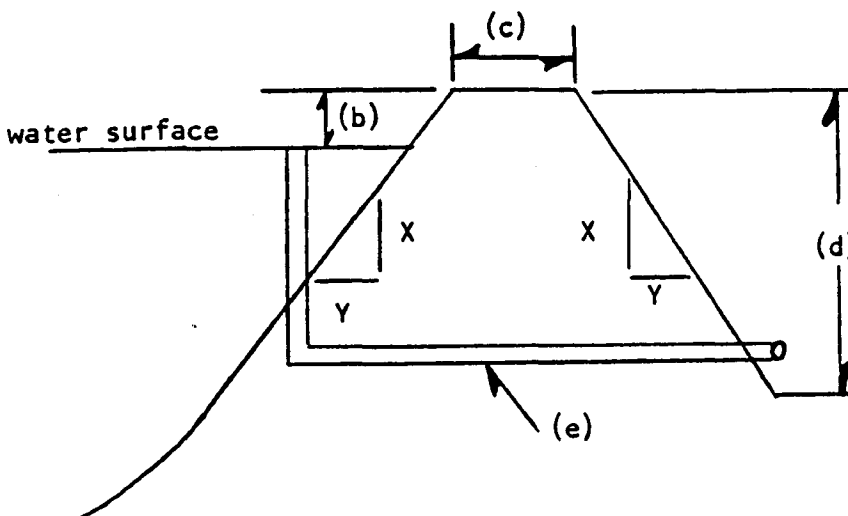
f) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



L. M. Reagle
Signature of Applicant

Supplemental Information

Complete one form for each
well

(type or print in ink)

Well #4

SE Corner Sec. 29-37-28

1. Well Information - Proposed construction

- a) Drill Hole Diameter 36" Depth 180 Ft.
- b) Casing Type Concrete Diameter 22" Thickness 2 1/2"
- c) Screen Type Slot Diameter 22" Thickness 2 1/2"
- d) Gravel Pack Thickness 14' Length of Gravel Pack 180 Ft.
- e) Depth to Top of Water Bearing Material 15 Ft.
- f) Depth of Water (ground surface to water level) 15 Ft.
- g) Distance to nearest existing domestic well:
On applicants property 1/2 Mile On property owned by others _____

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) Outlet Dimensions:
Pipe diameter _____

Spillway width _____

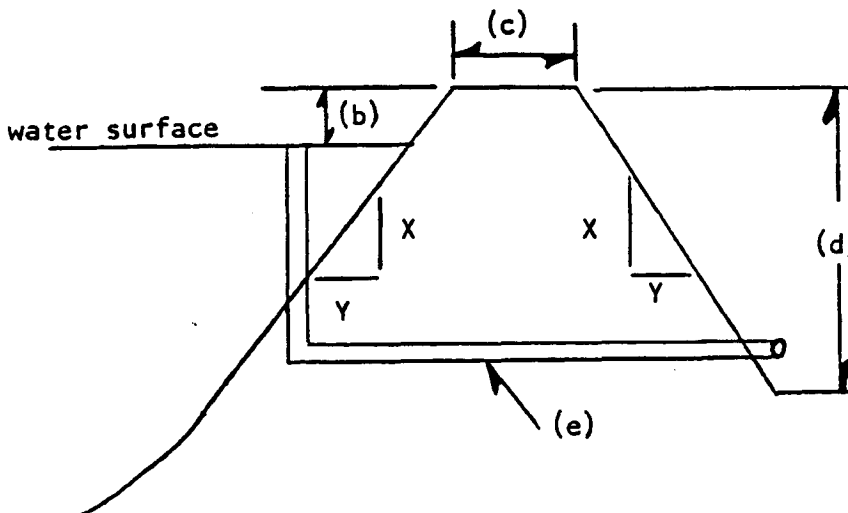
f) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant

OSCH IRRIGATION COMPANY, INC.

SILVER CREEK, NEBRASKA

SW corner Section 28-37-28

JOB PROGRESS AND DATA CARD

Name Leo Peagle Address Valentine

Location cont 24 miles north & west

Test Log Date

0-6 top
6-15 sandstone
15-20 mag sand stone hard 5
20-22 white clay
22-30 clay sand layers
30-36 sand in gravel 6
36-40 sandy clay
40-55 fine sand stone gravel 10
55-70 fine sand sharp 15

Extra Tests: No. Total Feet Pd.

Date Well Drilled Feet

Yards Gravel Paid By

Test Pumping Results:

S. W. L. 72 Feet

500 g.p.m. Feet

1000 g.p.m. Feet

Total of g.p.m. from Feet

Notes:

70-74 clay limestone
74-80 hard sand stone mag
80-110 sand stone mag silty
110-129 clay
129-143 fine sand gravel 14
143-147 clay
147-154 fine sand sharp 7

154-160 clay sand layer silty
 160-172 clay sand layer
 172-183 fine sand shaly fine
 183-203 silty clay sand good layer
 203-227 good fine sand
 227-230 clay
 230-

No. 1 NE 1/4 Section Sec. 32-37-28
 0-8 fine sand
 8-14 sand
 14-22 sand shaly layers
 22-36 clay
 36-41 clay sand
 41-50 sandy clay
 50-70 sand shaly poor
 70-74 silty sand
 74-84 silty sand good sand layer
 84-171 silty sand clay layer
 171-180 clay
 180-240 red rock

S.W.L. 6 ft. ?

SE corner

Sec 29-37-28

SILVER CREEK, NEBRASKA

4

Casing
Log

JOB PROGRESS AND DATA CARD

1' 0" plug Name Loe Beagle Address Mission S.D.
8' screen Location 1 1/2 N. 2 W. Port of Entry
Test Log Date March 29, 66

104' Stagnant
16' fine sand and some clay
1' fine sand
60' fine sand and stone hard
1' fine sand and stone layers
1' clay and stone layers
1' 48-66 clay

Extra Tests: No. Total Feet Pd.

174 1/2' Date Well Drilled May 10 - 1966 Feet 174 1/2'

Yards Gravel 35 Paid By Groch

Test Pumping Results:

S. W. L. 18 Feet

500 g. p. m. 90 Feet

600 190
1000 g. p. m. 100 Feet

Total of 1250 g. p. m. from 120 Feet

Notes:

104-110 fine sand and stone clay 1/2
73-80 fine sand and stone
81-83 clay
83-125 fine sand and stone
125-129 hard sand stone
129-168 sand stone few thin clay layers
168-172 clay
172-180

100 K-000000

NF Sec. 29

LICENSE FOR PERMIT NUMBER _____

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 Wingboro Landmark Motor a) make Cummings
b) model _____ b) model no. _____
c) size _____ c) horsepower rating 100
d) capacity 800-900 GPM d) motor efficiency rating _____
e) turbine pump no. of stages _____

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

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 _____

i) 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 Hydromatic
- 2) number of towers 9/12
- 3) distance between towers 100'
- 4) overall length 1200
- 5) End gun (Y/N) Y
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) PSI reading while system is running _____
- 9) GPM 700-750

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:

LICENSE FOR PERMIT NUMBER 1950-2

Sec 29
10/1/11
10/1/11

1. Legal location of wells: 750 ft N. 80 ft W. SE corner of Sec 29

dams & structures: _____

2. Well Information: Well Drilling Firm Gresh Well Drilling

No. of wells 1 Depth 230 ft

Casing a) diameter _____ Screen a) type _____

b) length _____ b) length _____

c) type _____ Static Water Level 18 ft

Pump a) make Western Land Roller Motor a) make US Electric

b) model _____ b) model no. _____

c) size 12 M c) horsepower rating 100

d) capacity 900 GPM d) motor efficiency rating _____

e) turbine pump _____

no. of stages 8

3. Distribution lines:

a) size of lines 10"

b) type PVC

c) length 240

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 _____

i) 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 Valley
- 2) number of towers 7
- 3) distance between towers —
- 4) overall length 1284
- 5) End gun (Y/N) —
- 6) high or low pressure —
- 7) make & size of nozzles —
- 8) PSI reading while system is running 65
- 9) GPM 900

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:

LICENSE FOR PERMIT NUMBER 1950-2

S. number 2.8

Well # 1

Pivot # 1

1. Legal location of wells: 2860 ft W., 1050 N. of SE Corner of Sec.
28 T37N-R20W

dams & structures: _____

2. Well Information: Well Drilling Firm Gresh, well Drilling

No. of wells 1 Depth 154 ft

Casing a) diameter — Screen a) type —

b) length _____ b) length _____

c) type _____ Static Water Level 78 ft

Pump a) make Western Land Roller Motor a) make 1/2 S Electric

b) model E 65170 b) model no. C9985-00-598

c) size 12C c) horsepower rating 100

d) capacity 900-950 GPM d) motor efficiency rating _____

e) turbine pump _____

no. of stages 8

3. Distribution lines:

a) size of lines 10"

b) type PVC

c) length 300 ft

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 _____

i) 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 Valley
- 2) number of towers 11
- 3) distance between towers _____
- 4) overall length 1284
- 5) End gun (Y/N) y
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) PSI reading while system is running 60-65
- 9) GPM 900-950

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:

LICENSE FOR PERMIT NUMBER 1950-221. Legal location of wells: 400 ft. W. and 125 ft. S. of NE Corner Sec. 32

dams & structures: _____

2. Well Information: Well Drilling Firm Gresh well DrillingNo. of wells 1 Depth 240 ft

Casing a) diameter _____ Screen a) type _____

b) length _____ b) length _____

c) type _____ Static Water Level 6'Pump a) make Western Land Roller Motor a) make Cummins Dieselb) model F 65143 b) model no. 720340c) size 12C c) horsepower rating 190d) capacity 850 GPM d) motor efficiency rating _____

e) turbine pump _____

no. of stages 8

3. Distribution lines:

a) size of lines 10"b) type Al.c) length 5 ft.

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 _____

i) 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 valley
- 2) number of towers 11
- 3) distance between towers 85 Ft
- 4) overall length 935 Ft
- 5) End gun (Y/N) y
- 6) high or low pressure _____
- 7) make & size of nozzles _____
- 8) PSI reading while system is running 55-60
- 9) GPM 850

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

- | | | |
|---|--|--|
| ☒
☒
☒ | ☐
☐
☐ | <p>1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.</p> <p>2. Special Qualifications to permit being abided by.</p> <p>3. All Structures, wells and lands on map.</p> |
|---|--|--|

REMARKS:



Department of Water & Natural Resources

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

WATER RIGHTS DIVISION
(605) 773-3352

1565-2

November 30, 1984

Leo Reagle
530 N. Haley
Valentine, Nebraska 69201

Dear Leo,

On November 1, 1984 I inspected water permit 1565-2. Everything appears to be in order. I am forwarding a letter to Marvin to get information about the big gun which was used to irrigate the south half of section 32, T37N, R28W. When I receive the information on the big gun, I will be able to complete the licensing process.

The second reason that I am contacting you is to address the pivots that are located in the south half of section 28 and 29 and the NE $\frac{1}{4}$ of Section 32. The pivots located in the S $\frac{1}{2}$ of Sections 28 and 29 were licensed for 66.5 acres and 95.2 acres. The pivot located in the NE $\frac{1}{4}$ of Section 32 and W $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 33 was licensed for 78.0⁸⁶⁰⁻² acres. All three pivots have additional lands irrigated beyond the acreage which they were licensed for. Pivot #1 (see map) was licensed for 95.2 acres and now has 132.2 acres irrigated. Pivot #2 (see map) was licensed for 66.5⁸⁶⁰⁻² acres and now has 131.5 acres irrigated. Pivot #3, (see map) was licensed for 78.0 Acres and has approximately 90 acres irrigated. In order to correct the situation, the additional lands must be permitted and licensed.

Enclosed is a water permit application for the additional lands and a soil/water compatibility application form. Please review the water permit application for accuracy and sign it in the presence of a notary. Please review the soil/water application, obtain a water sample from Pivot #1 and Pivot #2 and have it analyzed. Please sign the soil/water application in the presence of a notary.

The cost to permit the additional acres is \$225.00. Please remit \$225.00 when you mail the form back.

If you have any questions, please contact me.

Sincerely,

Greg Powell
Natural Resources Engineer

GP:ms
Enc.

Leo - I also need the well logs for wells #1, #2, and #3 or the name of the well drilling firm and I'll call them for the

Water
Licenses
861-2
891-2



Antelope, Neb.
Dec. 27, 1984

Mr. Gugg Powell

Dear Mr. Powell

Please find enclosed all papers I hope I sent the water into Brookings plus the paper work on water.

Sorry for the delay. I had a hard time getting the Logs from Gooch.

you have the wells numbered different we list the wells the way they were dug.

	Loc
well #1 N.E. Corner Sec. 32	860-2
well #2 S.W. Corner Sec. 28	860-2
well #3 W $\frac{1}{2}$ Sec 21	861-2
well #4 S.E. Corner Sec. 29	891-2
Well #5 N.E. Corner Sec 29	891-2

I realize your not interested in #3 & #5, but in our correspondence may be difficult.

Sincerely yours
Leo M. Noble

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 Leo M.Reagle of 530 N. Haley, Valentine, Nebraska holder ofPermit No. 1950-2 WL# 891-2, bearing the priority of Jan. 10, 1985 Aug. 9, 19 66the diversion of 1.53 ^{WL# 860-2} 2 cu. ft. per second of the waters of groundwater March 24, 19 65for irrigation purposes, in Todd County.

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

A. Works used to divert the water:

- * Pivot #1 Consists of a Valley Center Pivot, with a 12M size Pump, 900 GPM capacity with 100 HP US Electric motor
- * Pivot #2 Consists of a Valley Center Pivot with a 12C size Pump and a 850 GPM capacity with 100 HP US Electric motor
- * Pivot #3 is a Valley Center Pivot with a 12C size Pump, capable of diverting 850 GPM with a 140 HP Cummins Diesel motor

B. Works used to transport water to place of use: Pivot #4 Hydromatic, 750 GPM, western landrover, 900 GPM Pump Motor.* Pivot #1 10" PVC, 240 ft. long.* Pivot #2 10" PVC, 300 ft. long.* Pivot #3 10" Al., 5 ft. long.

C. Works used to apply water to beneficial use:

Pivot #1 7 towers, total length 1284 ft.Pivot #2 11 towers, total length 1284 ft.Pivot #3 11 towers, total length 935 ft.Pivot #4 12 towers, total length 1200 ft.The system is in the following condition good.The point of diversion is located Well #1, 750 ft. N., 80 ft. W. of SE corner of sec. 29. * Well #2 2860 ft.W. 1050 ft. N. of SE corner of sec. 28. * Well #3, 400 ft. W., 1050 ft. S. of NE corner of sec. 32, all being in T37N-R48Well #4 1200 ft. W., 1250 ft. S. of NE corner sec. 29.The works are capable of diverting and conveying to the place of use 7.47cu. 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:

See Attached Sheets!comprising a total of 450.9 acres of land and the license should be issued for 5.53 ^(2.53) 6.4 cfsApplicable permit qualifications have been complied with ✓ Yes NoExceptions to compliance are: Date March 17, 1985* see the mapNP had

Pivot # 4NW $\frac{1}{4}$ NE $\frac{1}{4}$ 29Ac
20.9Pivot # 3NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32

38

SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29

14

SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32

21

NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29

36

NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32

3

SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 29

29

SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 32

1

SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28

2

NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33

17

NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 28

2

SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 33

10

Pivot # 1NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29

32

SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 29

32

SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28

32

NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28

33

Pivot # 2NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28

31

SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 28

33

NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28

31

SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 28

32

<u>Sec 28</u>	<u>Ac</u>
NE $\frac{1}{4}$ SE $\frac{1}{4}$	1
SW $\frac{1}{4}$ SE $\frac{1}{4}$	32
NW $\frac{1}{4}$ SE $\frac{1}{4}$	31
SE $\frac{1}{4}$ SW $\frac{1}{4}$	33
NE $\frac{1}{4}$ SW $\frac{1}{4}$	31
NW $\frac{1}{4}$ SW $\frac{1}{4}$	33
SW $\frac{1}{4}$ SW $\frac{1}{4}$	32
NW $\frac{1}{4}$ NW $\frac{1}{4}$	2
SW $\frac{1}{4}$ NW $\frac{1}{4}$	2
Total:	199

<u>Sec. 29</u>	<u>AC</u>
SE $\frac{1}{4}$ SE $\frac{1}{4}$	32
NE $\frac{1}{4}$ SE $\frac{1}{4}$	32
SE $\frac{1}{4}$ NE $\frac{1}{4}$	29
NE $\frac{1}{4}$ NE $\frac{1}{4}$	36
SW $\frac{1}{4}$ NE $\frac{1}{4}$	14
NW $\frac{1}{4}$ NE $\frac{1}{4}$	20.9
Total:	163.9

<u>Sec. 32</u>	<u>AC</u>
NE $\frac{1}{4}$ NE $\frac{1}{4}$	38
SE $\frac{1}{4}$ NE $\frac{1}{4}$	21
NW $\frac{1}{4}$ NE $\frac{1}{4}$	3
SW $\frac{1}{4}$ NE $\frac{1}{4}$	1
Total:	63

<u>Sec. 33</u>	<u>Ac</u>
NW $\frac{1}{4}$ NW $\frac{1}{4}$	17
SW $\frac{1}{4}$ NW $\frac{1}{4}$	10
Total:	27

SOIL/WATER COMPATIBILITY PERMIT APPLICATION FORM

Office Use Only

Division of Conservation

WR#

OWNERS NAME: Leo Reagle OWNERS ADDRESS: 530 N. Miley
Valentine NE 69201

COUNTY LAND LOCATED IN: Todd PHONE: (402) 376-3777

TENANT'S NAME AND ADDRESS: Marvin Reagle
Mission Route, Valentine NE 69201

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres)

1. WELL LOCATION SEE ATTACHED SHEET

Depth _____

2. SURFACE WATER SOURCE AND DIVERSION LOCATION: _____

Diversion Location _____

Legal Description	Acres	Legal Description	Acres
<u>SEE ATTACHED SHEET</u>			

3. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED 1965 & 1966

LEGAL DESCRIPTION: E½ Sec. 29, SW¼ Sec. 28, W½ Sec. 28, NE¼ Sec. 32 NW¼ Sec. 31 -
portions of described lands

IN WHAT NAME: Leo Reagle

4. LOCATION OF AREA TO BE IRRIGATED NOTE: **SOILS INFORMATION FOR THIS AREA MUST ACCOMPANY THE APPLICATION. (See instruction sheet)**

5. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: X GUN: _____ (Specify) _____

6. CROPS TO BE IRRIGATED: Corn, Wheat, Alfalfa

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

7. WATER SAMPLE NUMBER: 81 0847 81 0850 10. ADJUSTED (SAR): 0.41 0.41

8. SALINITY (EC X 10⁶): 240 260 11. PERCENT SODIUM 8.65 8.37

9. SODIUM (SAR): 0.23 0.23

I hereby certify that I personally obtained or that I personally observed that taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see instruction sheet) were followed, and that the sample was taken at 2:00 a.m./p.m., on 12-18, 1984, at the following location: SW¼ Sec. 29, SW¼ Sec. 28, NW¼ Sec. 28, NE¼ Sec. 32 NW¼ Sec. 31 by (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

Signature

I understand that the Division of Conservation or agents thereof may obtain water samples from wells and surface bodies to be used for irrigation purposes to validate water samples taken at the time of application. The Department of Agriculture may also gather technical information necessary to protect the land. (46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS

20 DAY OF Dec, 1984

(NOTARY PUBLIC)

APPLICANT'S SIGNATURE

Director, Division of Conservation

Date

APPROVED

DISAPPROVED

CONDITIONALLY APPROVED

IMPORTANT
Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application. In all cases a WATER RIGHT must be obtained from the Board of Water Management, Foss Building, Pierre.

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

Approved with Requirements

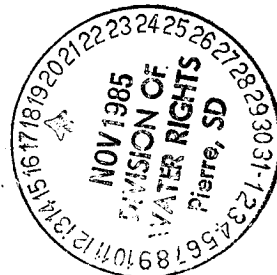
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION

NAME OF APPLICANT: Leo Reagle

LEGAL DESCRIPTION: Portions of Sec's 28,29,32,33-37-28 = 115 acres

SOIL REQUIREMENTS:

The area mapped as Anselmo-Tassel 9-21% slope, are to be maintained in grass and/or alfalfa to prevent erosion on these slopes. The Tassel portion of this mapping unit has bedded sand stone within twenty inches which makes it best suited to grasses and alfalfa.

RECOMMENDED MANAGEMENT:

We recommend the use of a tillage program that leaves crop residue in the field to reduce wind erosion and to enhance the moisture holding capability of the soils.

Jack M. Fugle
SIGNATURE
11-14-85
DATE

Leo Reagle

Well Location

Well #1 1170'N and 20'W of SE Corner Section 29 T37N R28W
Well #2 1040'N and 2370'E of SW Corner Section 28 T37N R28W
Well #3 1040'S and 450'W of NE Corner Section 32 T37N R28W

Well Depth

Well #1
Well #2
Well #3

Legal Description of Lands

NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28	16.0 Acres
SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28	6.0 Acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 28	26.0 Acres
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 28	16.0 Acres
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 28	1.0 Acre
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 29	10.0 Acres
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28	16.0 Acres
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28	11.0 Acres
NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32	3.0 Acres
✓SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32	1.0 Acre
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32	3.0 Acres
✓SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32	3.0 Acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 33	2.0 Acres
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 33	1.0 Acres

All in T37N R28W

115 acres

" The above described lands are additional lands resulting from two new pivots and an end gun on a third pivot.

RECEIPT

Division of Water Rights

Nº 4 9886

South Dakota Department of Water and Natural Resources

Pierre, January 10, 1985

RECEIVED OF Leo M. Reagle, 530 N. Haley, Valentine, NE 69201

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 _____	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

Chief Engineer

John Hatch
JOHN HATCH/ms

REPORT ON APPLICATION NO. 1950-2

Leo Reagle

November 26, 1985

Application No. 1950-2 is for 1.53 cfs from three existing wells located in SE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 29; SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28; and NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32, all in T37N, R28W. The application is to irrigate an additional 115 acres located in SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 28, NE $\frac{1}{4}$, SE $\frac{1}{4}$ Section 29; NE $\frac{1}{4}$ Section 32 and NW $\frac{1}{4}$ Section 33 all in T37N, R28W. This permit is to add acreage to licenses No. 860-2 and 891-2.

Aquifer - High Plains Aquifer

The High Plains Aquifer is an extensive aquifer which underlies all or parts of eight, north central prairie states. The aquifer consists of the hydrologically connected Arikaree Formation, Ogallala Formation and the Sand Hills Formation. The Arikaree, which is known locally as "Red Rock", is a massive, redish-brown siltstone, and fine to very fine grained sandstone which lies unconformably upon the Pierre Shale or the White River Group. Unconformably above the Arikaree lies the Ogallala Formation, which is a poorly indurated, medium-grained, pure quartz sandstone. Within the Ogallala, zones cemented with calcium carbonate form ledges known as caliche or mortar beds. Conformably above the Ogallala lies the Sand Hills Formation, which is a completely unconsolidated medium-grained, brown quartz sand.

The Ogallala Formation is the most developed source of water in the area. It underlies approximately 412,800 acres of Todd County and contains an estimated 12,384,000 acre-feet of recoverable water (Allen, 1984). The water quality of the aquifer is good to excellent, usually 500 ppm TDS or less, due largely to the pure quartz composition of the aquifer. The average saturated thickness of the Ogallala in this area is at least 150 feet (Water Right's files, 1985). The average transmissivity of the Ogallala, using time-drawdown plots and distance-drawdown plots from an aquifer test is 36,860 gpd/ft, the specific yield of the Ogallala is 0.0419 (Rahn, 1975). The aquifer is under water table conditions with the configuration of the potentiometric surface controlled locally by topography and major streams. The static water level in this area is approximately 55 feet below land surface. On a regional scale, in southern South Dakota, the aquifer discharges to the south to the Niobrara River and northward to the Little White River. Hydrologic gradients of 6 to 20 feet per mile, indicate groundwater movement from this area to the north and northeast, to the Little White River and the Keya Paha River.

Recharge to the High Plains Aquifer occurs through direct infiltration of precipitation. The amount and rate of recharge depend on the amount, distribution and intensity of precipitation; the amount of moisture in the soil when the rain or snowmelt begins; and the temperature, vegetation, and permeability of the material at the site of infiltration. High mean pan-evaporation rates and relatively low average annual precipitation amounts, result in only a small percentage of precipitation which actually recharges the aquifer. Recharge estimates range from less than one inch per year to over seven inches per year. Rahn and Paul (1975) estimate recharge of 2.5 inches annually in southern South Dakota. This amount to 86,000 acre-feet annual recharge to the Ogallala in Todd County. Wells completed into the High Plains Aquifer in this area are typically drilled to the "Red Rock" of the upper Arikaree. The average depth of wells in this area is 210 feet (Water Rights Division files, 1985).

The Water Rights Division monitors 10 observation wells in the area of major irrigation development in Todd County. Three wells: TD-76G, TD-76H, TD-76I; are located within 2 miles of the applicant's well (hydrographs included). Water level measurements from these wells indicate no significant decline in water levels in the area. The observation wells show seasonal fluctuations resulting from increased and decreased recharge and discharges, but a direct relationship cannot be drawn between irrigation pumping and water levels

Observation

<u>Well</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
TD-76A	0.8	-0.9	-0.8	-0.3	-0.4	-0.5
TD-76B	-0.1	-1.0	-0.9	-0.7	0.7	-0.2
TD-76C	-0.8	-1.1	-0.1	-0.1	-0.7	0.6
TD-76D	-0.1	-2.2	-1.2	-0.3	2.1	-0.8
TD-76F	-0.4	-0.9	-0.4	-0.7	0	0
TD-76G	-0.2	-1.2	0	-0.1	1.1	-0.5
TD-76H	-0.2	-1.0	-0.7	1.4	1.0	-0.1
TD-76I	-0.5	-0.4	-0.6	-0.3	0	1.1
TD-76J	1.1	0	0.2	-0.2	0.7	0.4
TD-80C			-1.9	-1.4	1.4	-0.2
average (ft)	-0.04	-0.97	-0.64	-0.27	0.59	-0.02
irrigation pumping (ac ft)	7100	5825	7188	7074	5737	8037

Review of Existing Permits

The total water appropriated from the High Plains Aquifer in Todd County for 1985 was 31,409.50 acre-feet (Water Rights Division files). Appropriation for 1984 equalled 40,100.90 acre-feet and the reported water use was 8037 acre-feet (1984 Irrigation Questionnaire). The permits which exist near the applicant's well include.

<u>Permit No.</u>	<u>Owner</u>
861-2	Leo M Reagle
1174-2	Howard and Judith Schmidt
1330-2	Arther E Reagle
1335-2	Robert Brinda
1545-2	G. C. Schemm
1551A-2	Richard Schemm
1565-2	Leo Reagle
1115-2	Harlan Schemm

Conclusions

1. Permit No. 1950-2 requests additional acreage (115 acres) to licenses No. 860-2 and 891-2.
2. The High Plains Aquifer is a viable source of water in southwestern South Dakota.
3. Present water use does not exceed average annual recharge.
4. Recharge is estimated at 2.5 inches per year (Rahn, 1975).
5. Observation wells do not show significant drawdowns as a result of high capacity irrigation wells.

6. Licensing and cancellations have reduced the permitted acreage by about one-fourth in 1985.
7. The applicant's wells have been in existence for several years with no adverse affects.
8. The aquifer is under water table conditions and well interference should not be a problem.



KENT BUHLER
Natural Resources Engineer

References:

- Allen, J.C., Iles, D.L., Peters, A.K., Analysis of Groundwater and Streamflow Data Western Dakotas Region of South Dakota, Task 3 and 4: Groundwater Resource Inventory; Department of Water and Natural Resources, Division of Geologic Survey, Vermillion, South Dakota 57069; U.S. Army Corp of Engineers Contract No. DAWC 45-82-C-0151.
- Division of Water Rights. "Water Permit and Domestic Well Log Files", DWNr, Pierre SD 1985.
- Rahn, P.H., Paul, H.A., 1975, Hydrogeology of a Portion of the Sand Hills and Ogallala Aquifer, South Dakota and Nebraska.
- 1984 Irrigation Questionnaire Summary, 1985, DWNr, Division of Water Rights.

OBSERVATION WELL WATER LEVELS

14:03 MONDAY, NOVEMBER 25, 1985 1

OBS_WELL	LOCATION	DATE	READING
TD-76I	037N-28W-27CCCC	01/19/77	-81.9
TD-76I	037N-28W-27CCCC	06/08/77	-81.6
TD-76I	037N-28W-27CCCC	07/19/77	-82.4
TD-76I	037N-28W-27CCCC	08/19/77	-82.6
TD-76I	037N-28W-27CCCC	09/07/77	-82.5
TD-76I	037N-28W-27CCCC	10/12/77	-82.1
TD-76I	037N-28W-27CCCC	11/22/77	-81.9
TD-76I	037N-28W-27CCCC	05/02/78	-81.4
TD-76I	037N-28W-27CCCC	05/18/78	-81.3
TD-76I	037N-28W-27CCCC	06/20/78	-81.3
TD-76I	037N-28W-27CCCC	08/04/78	-81.5
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OBS_WELL	OBSERVATION WELL LOCATION	WATER LEVELS DATE	READING
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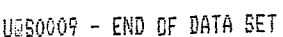
14:03 MONDAY, NOVEMBER 25, 1985 2

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N=74

14:03 MONDAY, NOVEMBER 25, 1985 3

READING 1



OBSERVATION WELL WATER LEVELS

13:47 MONDAY, NOVEMBER 25, 1985

1

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OBSERVATION WELL WATER LEVELS

13:47 MONDAY, NOVEMBER 25, 1985 2

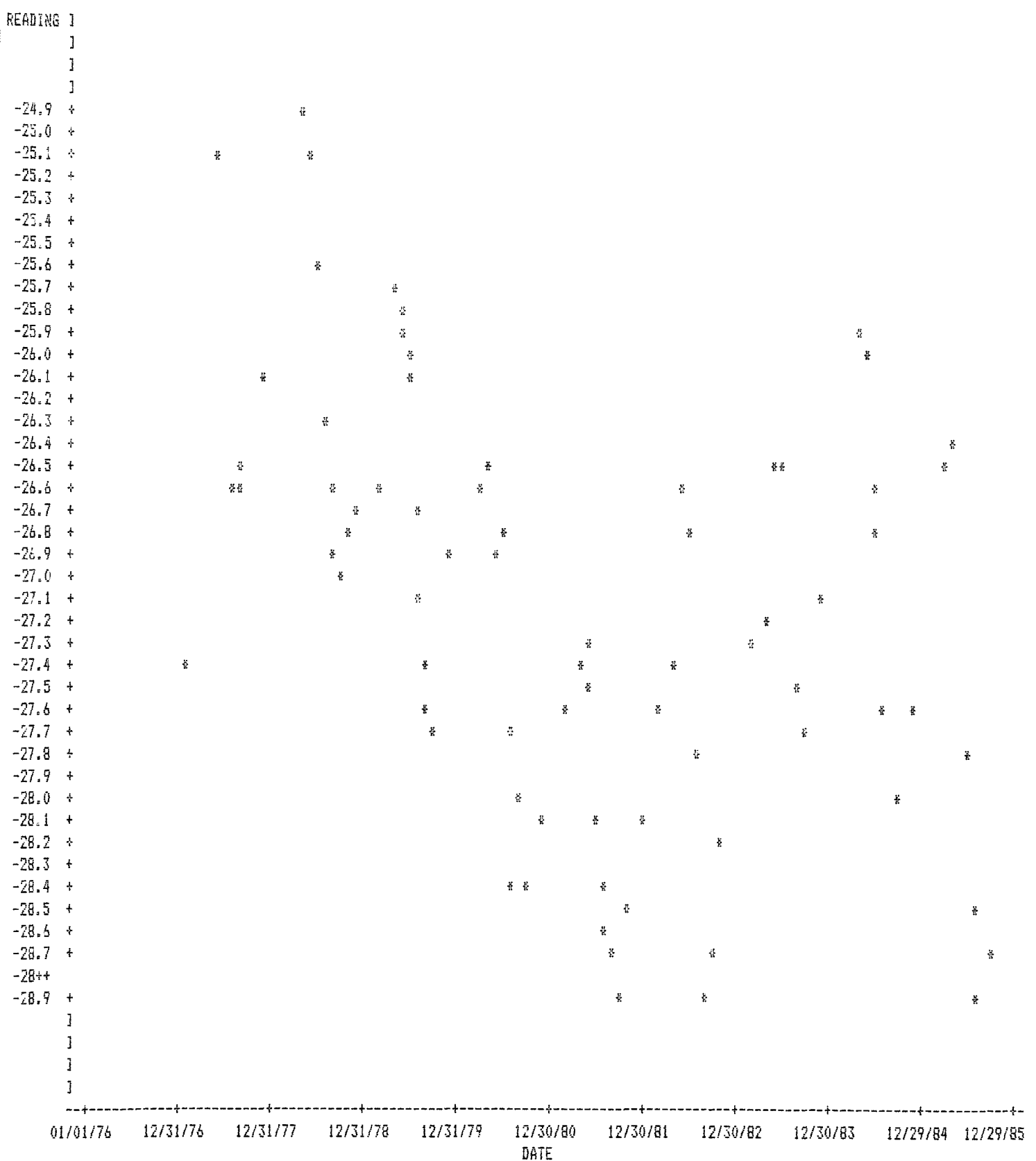
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N=75

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13:47 MONDAY, NOVEMBER 25, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



OBSERVATION WELL WATER LEVELS

OBS_WELL	LOCATION	DATE	READING
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13:56 MONDAY, NOVEMBER 25, 1985 1

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OBSERVATION WELL WATER LEVELS

OPS_WELL	LOCATION	DATE	READING
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13:56 MONDAY, NOVEMBER 25, 1985 2

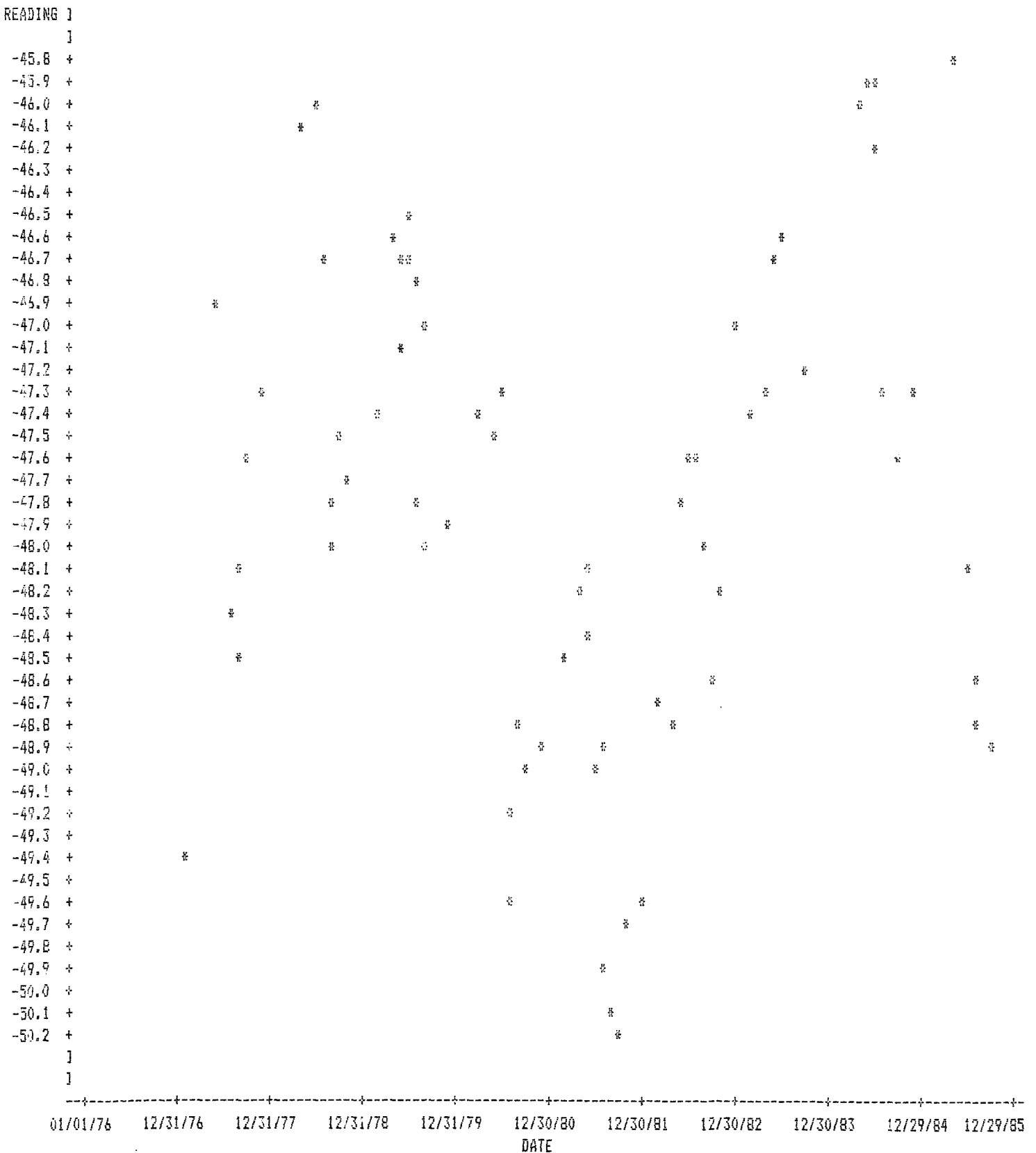
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OBSERVATION WELL WATER LEVELS
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13:56 MONDAY, NOVEMBER 25, 1985 3

PLOT OF READING*DATE SYMBOL USED IS *



RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT

APPLICATION NO. 1950-2

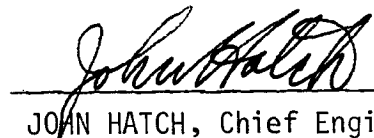
Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 1950-2, Leo Reagle, 520 North Haley, Valentine, Nebraska

The Chief Engineer is recommending APPROVAL of Application No. 1950-2 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 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.

2. 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

January 6, 1986

No. 1950-2

Instruction to Newspaper - Publish first publication of the following Notice on or before **January 22, 1986** with 2nd publication 1 week later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 1950-2 to Appropriate Water
~~and/or to Amend Water Permit or Water Right No. _____~~

Notice is hereby given that Leo Reagle whose mailing address is
530 N. Haley, Valentine, Nebraska, South Dakota has made an application for a permit

to appropriate 1.53 cubic feet per second from 3 existing wells located in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 29, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28 and NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32 all in T37N-R28W. Water will be used to add 105 acres to the land being irrigated under water license No. 860-2 located in the SW $\frac{1}{4}$, SE $\frac{1}{4}$ Section 28; NE $\frac{1}{4}$ Section 32 and NW $\frac{1}{4}$ Section 33 T37N-R28W and to add 10 acres to the land being irrigated under water license No. 891-2 located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 29 T37N-R28W

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 1950-2 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 Joe Foss Building, Room 213, 523 E. Capitol, Pierre, South Dakota, March 5 1986 at 10:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny 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 February 21, 1986. The petition may be informal, but it must include a statement describing the petitioners interest in the application, the reasons 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; 46-2A-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; ~~(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 74:02:01:15:05.~~

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 February 21, 1986.

No. 1950-2

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Todd) ss.

I, Kathy R Klein hereby

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

Water was taken from the Todd County Tribune

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 Mission

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

January 22, 1986

January 29, 1986

Kathy R Klein
(Signature)

Bookkeeper
(Title)

1/29/86
(Date Signed)

Cost of Printing: 64 lines @ .365 =
23.36; plus 20% discount on 2nd insertion
18.69
42.05 total cost



Notice of Hearing

on Application No. 1950-2 to Appropriate Water

Notice is hereby given that Leo Reagle, whose mailing address is 530 N. Haley, Valentine, NE, has made an application for a permit to appropriate 1.53 cubic feet per second from 3 existing wells located in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 29, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28 and NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32 all in T37N-R28W. Water will be used to add 105 acres to the land being irrigated under water license No. 860-2 located in the SW $\frac{1}{4}$, SE $\frac{1}{4}$ Section 28; NE $\frac{1}{4}$ Section 32 and NW $\frac{1}{4}$ Section 33 T37N-R28W and to add 10 acres to the land being irrigated under water license No. 891-2 located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 29 T37N-R28W.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 1950-2 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 Joe Foss Building, Room 213, 523 E. Capitol, Pierre, SD, March 5, 1986 at 10:00 a.m.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny 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 February 21, 1986. The petition may be informal, but it must include a statement describing the petitioner's interest in the application, the reasons 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; 46-2A-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.

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 February 21, 1986.

Publ.: January 22 and 29, 1986.



Department of Water & Natural Resources

Joe Foss Building
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

1950-2

APR 21 1986

Leo M. Reagle
520 N. Haley
Valentine, Nebraska 69201

Dear Sir:

Enclosed herewith is your Water Permit No. 1950-2 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. 1950-2.

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

South Dakota Department of Water and Natural Resources

410432

Pierre, April 29, 1986

RECEIVED OF Leo M. Reagle, 530 N. Haley, Valentine, NE 69201

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. <u>1950-2</u>	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 (S)



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

No. 1950-2

860-2

891-2

NOV 25 1986

Leo M. Reagle
530 N. Haley
Valentine, Nebraska 69201

Dear Mr. Reagle:

Enclosed herewith is, Water License No. 1950-2. 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 License Nos. 860-2 and 891-2 have been incorporated into this Water License No. 1950-2.



GREAT FACES. GREAT PLACES.

February 1, 1991

DEPARTMENT OF WATER & NATURAL RESOURCES

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

LEO REAGLE
530 HALEY ST
VALENTINE NE 69201

NOTICE

Re: Failure to Report Chemical Use under Water Permit No(s) 1950-2

Our records indicate that the 1990 chemigation report(s) has not been received for Permits No(s) 1950-2. The request for the chemigation report(s) was dated December 13, 1990. The Water Management Board has directed that owners of water permits who have not submitted the 1990 chemigation report(s) be given notice of violation and of hearing(s) before the Board. The hearing(s) will be held to determine action to be taken by the Board for violation of South Dakota general rule 74:02:09:02(3) requiring chemigation users to report the dates and hours of chemical application.

The hearing(s) will be held at 9:15 am, on February 27, 1991, at the Governor's Inn in the meeting room, 700 West Sioux Avenue, Pierre SD.

The hearing(s) 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 procedures contained in SDCL 1-26.

Following the hearing(s) the Water Management Board can:

1. Suspend Permit No(s). 1950-2 until either the 1990 chemigation report(s) is submitted or for a period of up to one year;
2. Postpone any action;
3. Take no action.

The hearing(s) 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 IV
Water Rights Division
605 773-3352

NOTE: If the chemigation report(s) is received in this office before the February 27th hearing date, you will no longer be in violation of your permit(s) and your name will be deleted from the agenda pertaining to these hearings.

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:

Leo Reagle
530 Haley St
Valentine, NE 69201

Leo M Reagle

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

2/2/91 RHN

4. Article Number

P694 057 541

Type of Service:

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

Always obtain signature of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)



DEPARTMENT OF WATER & NATURAL RESOURCES

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

February 7, 1991

LEO REAGLE
530 HALEY ST
VALENTINE NE 69201

Dear Mr. REAGLE:

I am writing to acknowledge receipt of your 1990 chemigation report for Water Right No.(s) 1950-2. You may disregard the February 1, 1991, Notice of failure to report chemical use for 1990. With receipt of the chemigation report, your name has been deleted from the February Water Management Board meeting agenda.

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

Sincerely,

Ron Duvall,
Natural Resources Engineer IV
Water Rights Division



January 29, 1993

NOTICE

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

TO: LEO M. REAGLE
530 HALEY ST
VALENTINE NE 69201

FROM: Ron Duvall, Natural Resources Engineer IV
for JOHN HATCH, Chief Engineer
Water Rights Division

RE: Violation of Water Permit No(s) 861-2 & 1565-2, 1950-2 and 1992 Irrigation
Questionnaire Requirements

Our records indicate that the 1992 Irrigation Questionnaire has not been submitted for Permit No(s) 861-2 & 1565-2, 1950-2. The request for the Questionnaires was dated October 16, 1992. The Water Management Board has directed that owners of water permits who have not submitted the 1992 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing held by the Board will be to determine if Permit No(s) 861-2 & 1565-2 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 1950-2 qualification:

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

The hearing will be held at 9:30 am, March 3, 1993, at the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to 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 of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 1950-2 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 861-2 & 1565-2 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law. Prior to February 22, 1993, contact the Water Rights Division, 523 E Capitol, Pierre SD 57501-3181 (605 773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

NOTE: If the questionnaires are received in this office before the March 3rd hearing date, you will no longer be in violation of your permit and your name will be deleted from the Board agenda.

Is your RETURN ADDRESS completed on the reverse side?

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 will show to whom the article was delivered and the date delivered.

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:

LEO M. REAGLE
530 HALEY ST
VALENTINE NE 69201

4a. Article Number

P906 560 097

4b. Service Type

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

7. Date of Delivery

2-1-93

5. Signature (Addressee)

Leo M. Reagle

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 ☆ U.S.G.P.O. : 1992-307-530

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 26, 1993

861-2
1565-2
1950-2

Marvin Reagle
HC 14 Box 124
Valentine, NE 69201

Dear Mr. Reagle:

I am writing to acknowledge receipt of the 1992 irrigation questionnaires for Water Right Nos. 861-2, 1565-2 and 1950-2. You may disregard the January 29, 1993, **Notice of Violation of Water Permit and 1992 Irrigation Questionnaire Requirements.** The questionnaires were received in our office prior to the Water Management Board meeting, and have been deleted from the agenda.

Enclosed are three partially completed "Notice of Transfer of Ownership" forms. You indicated on the questionnaires that the water rights should be transferred to your name. Please complete the forms and then sign them in the presence of a notary public. Upon completion, return the transfer forms to our office with a required filing fee of \$2.50 each (total of \$7.50).

If you have any questions, please contact me.

Sincerely,

Genny McMath
Natural Resources Analyst
Water Rights Division
(605) 773-3352

enclosures

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Division, DENR
523 E. Capitol
Pierre, SD 57501-3181



No. 1950-2

Date: 4.2.93

I\We request that Water Right No. 1950-2

formerly owned by: Leo M Reagle, 530 N Haley St, Valentine, NE 69201

be transferred to: (name & address) Marvin L. REAGLE
HC14- Box 124 VALENTINE, NE 69201 (Telephone No) 605-378-3832

Title to the following described land(s)/property has been transferred as described above:

N 1/2 SE 1/4, SW 1/4 SE 1/4, SW 1/4, W 1/2 NW 1/4 Sec 28; E 1/2 SE 1/4, NE 1/4 Sec 29; NE 1/4 Sec 32,

W 1/2 NW 1/4 Sec 33; all in T37N, R28W

I\We understand that the validity of Water Right No. 1950-2 has not been determined by this transfer action. If I\We have any questions on validity, I\We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file at the Division of Water Rights, as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is attached to cover the filing fees as required under SDCL 46-2-13.

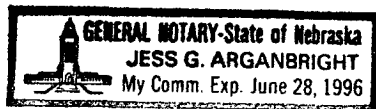
STATE OF SOUTH DAKOTA)

County of Todd)

I\We MARVIN L. REAGLE being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and that I know of my own personal knowledge that the information herein stated is true.

Marvin L. Reagle
(Signed)

Subscribed and sworn to before me this 2nd day of Nov, 19 93.



Jess G. Arganbright
(Notary Public)

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

413711

Division of Water Rights

South Dakota Department of Environment and Natural Resources

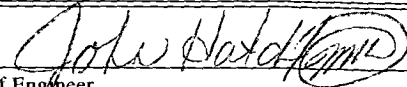
Pierre, _____ April 5, 19 93

RECEIVED OF Bobbi Reagle, HC 14 Box 124, Valentine, NE 69201

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct 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. _____		
Fee for Filing Transfer Form <u>Water Right No. 1950-2</u>	2	50
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	2 50

By 
Chief Engineer



April 6, 1993

1950-2

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

No. 861-2

1565-2

1950-2

Marvin L. Reagle
HC 14, Box 124
Valentine, NE 69201

Dear Mr. Reagle:

Enclosed are receipts in the amount of \$2.50 each which you paid for the transfer of Water Right Nos. 861-2, 1565-2 and 1950-2.

Our records now show you as the owner of Water Right Nos. 861-2, 1565-2 and 1950-2.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

enclosure



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 7, 1994

Marv Reagle
HC 14 Box 124
Valentine, NE 69201

Dear Mr. Reagle:

Enclosed are your 1993 irrigation questionnaires for Water Permit Nos. 861-2, 1565-2 and 1950-2. The acreage authorized under each permit is described as follows:

No. 861-2	122.6 acres - W $\frac{1}{2}$ Section 21, T37N, R28W
No. 1565-2	554.0 acres - S $\frac{1}{2}$ SE $\frac{1}{4}$ Section 30; E $\frac{1}{2}$ Section 31, S $\frac{1}{2}$ Section 32, all in T37N, R28W
No. 1950-2	450.9 acres - S $\frac{1}{2}$, W $\frac{1}{2}$ NW $\frac{1}{4}$ Section 28, E $\frac{1}{2}$ SE $\frac{1}{4}$ and NE $\frac{1}{4}$ Section 29, NE $\frac{1}{4}$ Section 32, W $\frac{1}{2}$ NW $\frac{1}{4}$ Section 33, all in T37N, R28W

Please complete the enclosed questionnaires and return them to our office by January 30, 1994. I have included a postage paid envelope for your convenience in returning the forms.

Thank you for calling and letting me know that you did not receive the forms. I apologize for any inconvenience this may have caused. If you have any questions, please contact me at (605) 773-3352.

Sincerely,

Genny McMath
Natural Resources Analyst
Water Rights Division

enclosures



1950-2

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 7, 1995

MARVIN & BOBBI REAGLE
HC 14 BOX 124
VALENTINE NE 69201

NOTICE

RE: Violation of Water Permit No(s) 861-2 & 1565-2, 1353C-2 & 1950-2 and 1994 Irrigation Questionnaire Requirements

Our records indicate that the 1994 Irrigation Questionnaire has not been submitted for Permit No(s) 861-2 & 1565-2, 1353C-2 & 1950-2. The request for the Questionnaires was dated November 3, 1994. The Water Management Board has directed that owners of water permits who have not submitted the 1994 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing held by the Board will be to determine if Permit No(s) 861-2 & 1565-2 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 1353C-2 & 1950-2 qualification:

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

The hearing will be held at 9:30 am, March 8, 1995 in the Crown Room, 3rd Floor, Kings Inn Best Western Convention Center, 200 S Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to 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 of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 1353C-2 & 1950-2 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 861-2 & 1565-2 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

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

If the questionnaires are received in this office on/or before March 3, 1995, you will no longer be in violation of your permit and your name will be deleted from the Board agenda.

Very truly yours,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division
605 773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 23, 1995

861-2
1353C-2
1565-2
1950-2

Marvin & Bobbie Reagle
HC 14 Box 124
Valentine, NE 69201

Dear Mr. & Mrs. Reagle:

I am writing to acknowledge receipt of your 1994 irrigation questionnaires and chemigation report. You may disregard the February 7, 1995, **Notice of Violation of Water Permit and 1994 Irrigation Questionnaire Requirements and the Notice of Failure to Report Chemical Use.**

The questionnaires and chemical reporting form were received in our office prior to the Water Management Board meeting and your names have been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Division
(605) 773-3352



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 17, 2009

Bobbi Reagle
149 S Western
Valentine NE 69201

RE: Water Right Nos. 861-2, 1353B-2, 1353C-2, 1565-2 and 1950-2

Thank you for the return of the 2009 irrigation questionnaires for the above listed water rights. It is my understanding from the notation you made on all the forms that you now own the land described in the water rights.

Enclosed are partially completed Notice of Transfer of Ownership forms for filing the ownership changes. Please review the forms and make any necessary corrections. Upon completion, please sign and return them to our office with a required filing fee of \$50.00 each (total of \$250.00). The check or money order for the fee can be made payable to the Water Rights Program.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

RECEIVED

NOV 24 2009

WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No. 1950-2

Date: 11/23/09

I/We request that Water Right No. 1950-2

formerly owned by: Marvin L Reagle

be transferred to: (name & address) Bobbi Reagle, 149 S Western, Valentine NE 69201

Telephone No. 402 376-4860

Title to the following described land(s)/property has been transferred as described above:

**450.9 acres – NE ¼ SE ¼, W ½ SE ¼, SW ¼, W ½ NW ¼ Section 28; E ½ SE ¼, NE ¼ Section 29;
NE ¼ Section 32, W ½ NW ¼ Section 33, all in T37N, R28W**

I/We understand that the validity of Water Right No. 1950-2 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Bobbi Reagle, the new owner, certify that the above information is true and correct.

Bobbi Reagle
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 11/24, 2009

RECEIVED OF Bobbi Reagle 149 S Western Valentine NE 69001

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct 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 <u>1950-2</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____	50 00	
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. 04249

By Garland Erbe
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 24, 2009

Bobbi Reagle
149 S Western
Valentine NE 69201

RE: Water Right Nos. 861-2, 1353B-2, 1353C-2, 1565-2 and 1950-2

I am writing to acknowledge receipt of the ownership changes you filed for the above listed Water Rights. The transfers have been completed and the water rights are now listed in your name.

Enclosed are your Receipt Nos. 04248, 04249, 04250, 04251 and 04252 in the amounts of \$50.00 each which you paid for filing the ownership changes. You may keep these for your records.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 22, 2013

Bobbi Reagle
302 E 5th St
Valentine NE 69201 2206

RE: Water Right Nos. 861-2, 1353D-2, 1565-2, 1950-2

Dear Ms. Reagle:

Enclosed is a "Notice" dated October 18, 2013 concerning the 2013 irrigation questionnaires.

The notice was originally mailed to 149 S Western, Valentine NE. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

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

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

enclosures

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

Mail to: SD DANR, Water Rights Program
523 E Capitol Ave
Pierre, SD 57501-3182

Water Right/Permit No. 1950-2

Date: 1-20-26

PAID
FEB 12 2026
Ck# 3075
Rec't# **RECEIVED**
FEB 13 2026

I/We request that Water Right/Permit No. 1950-2 formerly owned by:
Bobbi Reagle - Valentine NE

be transferred to:

OFFICE OF
WATER

New Owner Name: Gudgel Land & Cattle LLC
Address: 29712 286th Ave mobile: 605-730-4028
City, State, Zip: Valentine, NE 69201 email: dan.gudgel@yahoo.com

Title to the following described land(s)/property has been transferred as described above:

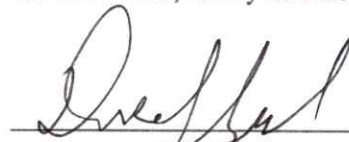
450.9 acres located in portions of Secs 28, 29, 32, and 33; all in T37N-R28W

☒ I understand that the validity of Water Right/Permit No. 1950-2 has not been determined by this transfer action. If I have any questions on validity, I understand that only the Water Management Board has the authority to determine if a water right/permit is valid (see note below).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is included to cover the filing fee as required by SDCL 46-2-13.

I, Daniel Gudgel - Gudgel Land & Cattle LLC, the new owner, certify that the above information is true and correct.


(signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five-year construction period has expired. Once a water permit is developed, an inspection is conducted to issue a water right license for the project as developed. A water permit/right may be cancelled for one or more of the following reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three-year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

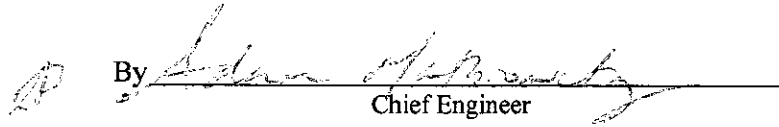
South Dakota Department of Agriculture and Natural Resources

Date February 12, 2026

RECEIVED OF Gudgel Land & Cattle LLC 29712 286th Ave Valentine, NE 69201

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct 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. _____	\$ _____
Fee for Filing Transfer Form <u>#1950-2</u>	<u>\$50.00</u>
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law)	
TOTAL	<u>\$50.00</u>

By 

Chief Engineer



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

February 25th, 2026

1950-2, 861-2, 1565-2

Gudgel Land & Cattle LLC
C/O Daniel Gudgel
29712 286th Ave
Valentine, NE 69201

Dear Mr. Gudgel,

The South Dakota Water Rights Program is in receipt of the "Notice of Transfer of Ownership" forms and the required fees you submitted for Water Right Nos. 1950-2, 861-2, 1565-2. Enclosed are the receipts of payment for your records.

Water Right Nos. 1950-2, 861-2, 1565-2, previously held by Bobbi Reagle, is now listed under Gudgel Land & Cattle, LLC. I have also updated your contact information in our system.

As a reminder, so long as you use the water beneficially, as stated in the License (copy enclosed), State Water Laws provide that you have a continuing right to use the water. Should the water not be put to beneficial use for a period longer than 3 consecutive years, without legal excuse, the Licenses will be subject to cancellation.

If you have any questions, please contact me.

Sincerely,

Shannon Konst
Water Rights Program
605 773-3352
Shannon.konst@state.sd.us

NOTE: The validity of Water Right Nos. 1950-2, 861-2, 1565-2, has not been determined by this transfer action. Only the Water Management Board has the authority to determine if a water permit/right is valid.

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