

cc
recorded
Jan. 22, 1976

1-29-81

105' DEEP WELL 16" TRANSITE

W FINEPARKS MOREG 8" PUMP 3200 12143

POWERED BY 75 HP U.S. ELECTRIC MOTOR @ 1760

VALLEY CORNER SYSTEM - ELEC DRIVE
7 line

Water Right Number 2371-3

1. Considered NOV. 12, 1975
2. Name of Applicant CURRY SEED COMPANY
3. Post Office Address ELK POINT, SD
4. Amount of water claimed 1.90
5. Source of water supply GROUND WATER (105' DEEP WELL)
6. Water to be used for IRRIGATION
- Acres to be irrigated 140
7. Water to be diverted and used in UNION County
about 1/2 E Miles of ELK POINT
8. Proof of Publication Received 10-27-75
Not received
9. Application Approved
Subject to
Not approved
Action deferred
10. Remarks:

No. 2371-3Map No. 1750-3 Water Division No. 3 BIG SIOUX RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

8.57

APPLICATION FOR PERMIT

To Appropriative Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Curry Seed Co
 Post-office address Box 517 Elk Point State South Dakota 57005
 If a corporation show date and place of incorporation None
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
3. Name of diversion work Curry Irrigation Project
4. Amount of water claimed (cubic feet per second) 1.9
5. Source of water supply Well
6. Location of point of diversion 1500' North & 100' east of the SW corner of Sec 20
T 91 N R 49 W
- County Union
7. Annual period or periods during which water is to be used APRIL THRU OCTOBER
8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) IRRIGATION
9. For irrigation use. Total number of acres to be irrigated 140

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.
W 1/2 SW 1/4 Sec 20 T 91 N R 49	80		
E 1/2 SE 1/4 Sec 19 T 91 N R 49	60		

Part of

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 5 years.
11. Choice of newspaper for Notice of Intent to Appropriative Water publication Leader Courier
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

B. Works proposed to transport water to place of use.

C. Works proposed to apply water to beneficial use.

Center Point

Estimated Total Cost \$ 410,000.00

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

STATE OF SOUTH DAKOTA

County of UnionI, Edmund Curry, Pres. Curry Seed Co, the applicant, certify that I have read the foregoing application and 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.

Subscribed and sworn to before me this

Signed

Curry Seed Co
By Edmund Curry
1973

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2371-3
CURRY SEED CO. Box 517, ELK RANT
 (Applicant) (Post Office Address)
SOUTH DAKOTA, 57025 With the following modifications:
 (State)

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

Date of first receipt of application OCTOBER 6, 1975
 Date of return to applicant for correction, amendments or changes required — 19 —
 Date of receipt of corrected application — 19 —
 Approved NOVEMBER 13, 1975 Recorded in Book 14 Page 106

WATER RIGHT PERMIT NO. 2371-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2371-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which a applicant may claim right is OCTOBER 6, 1975
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 13, 1978
3. The whole of said work is to be completed on or before NOVEMBER 13, 1980
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 13, 1980
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 1.9 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 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 NOVEMBER 13, 1980; said water to be used during the following described annual period: APRIL TWO OCTOBER

Witness my hand this 18TH day of NOVEMBER, 1975

WATER RIGHTS COMMISSION

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued — 19 —
 Water License Issued — 19 —

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

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 30", Depth 105'
(2) Casing, Type Transite Diameter 16" I.D. Thickness 3/4"
(wood, concrete, steel, etc.)
(3) Perforated Screen.
Type 1/8" Slotted, Diameter 16" I.D., Length 20'
(4) Gravel Pack, Thickness 6-9", Length of gravel pack 20' ft

E. Dugout Information or Estimates

- (1) Surface dimensions , Depth

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

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

Character of Water bearing materials 0-5' loam 5 to 10' Sandy loam
10 to 30' Fine Sands 30 to 105' Gravel to Shale

Depth to top of water bearing material 30'
Depth to bottom of water bearing material 105'
Thickness of water bearing material 75'
Depth to water (ground surface to water level) 14' Drawdown

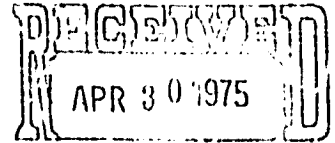
- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property 220 rds. On property owned by others 140 rds.

G. Water Storage Dams.

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

Curry Seed Co.
Edmund L. Curry Pres.
Signature of Applicant



STATE WATER RIGHTS COMMISSION
PIERRE, SOUTH DAKOTA

April 24, 1975

Curry Seed Co.
Elk Point
South Dakota 57025

Dear Sirs:

Enclosed please find the copy of the analysis report for water sample #75-280, submitted here about a week ago. Also you will find a copy of Extension Circular 654 with the approximate quality of this water for irrigation purposes designated by the encircled red cross on the outside back cover.

You will note that this water is very high in total salinity, but in the low sodium category. Thus, it has a distinct hazard of causing salt accumulations in the soil profile, and especially in the upper part of the soil, but practically no hazard for sodium-caused dispersion of clays.

Accordingly, I recommend that this water be used for the soils which you have only under circumstances where you are able to apply fairly large amounts and infrequently in the growing season. This means that you should apply three to four inches as a minimum each time you irrigate, and you should avoid frequent light irrigations and never apply more than three or four of these heavier applications per year. Under such circumstances, you will diminish the tendency to accumulate salts in the root zone.

A copy of this letter and of the water analysis and your WI-1 form are being forwarded to the State Conservation Commission.

Sincerely yours,

L. G. Fine
Water Quality Lab

LOF:MRB

Enclosures

cc: State Conservation Commission
Louie DeSmet, Union County Extension Agent
Darrel Fahl

Conservation
Commission
Form WI #1

Sample # 3

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 64-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: *Albi J. J. M.*
4/22/55

Disapproved: _____

NAME: Curry Seed Co.
ADDRESS: Eik Point, S. Dak.
COUNTY: Union

LEGAL DESCRIPTION

1. WELL LOCATION: Corner of NW 1/4 Sec. 20 T1N-49R
2. AREA TO BE IRRIGATED: 90 A. NW 1/4 Sec. 20 T1N-49R
6.75 A. Lot B NW 1/4 SE 1/4 Sec. 19 - T1N-49R
75.76 A. Lot B SE 1/4 NE 1/4 & NE 1/4 SE 1/4
SE 1/4 SE 1/4 Lot B T1N-49R
TYPE OF IRRIGATION
3. GRAVITY SPRINKLER (Indicate Type) Center Pivot
4. CROPS TO BE IRRIGATED: Corn & Beans

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 to 1%
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Sandy loam
2M43XW1 Deep Medium Textured
moderately heavy subsoil
WATER QUALITY (TO BE COMPLETED BY COMMISSION)
7. SAMPLE NO.: 75-280
8. SALINITY: EC = 240.7 (very high)
9. SODIUM: SAR = 1.71 (low)

I do hereby certify that a chemical analysis of the ground water to be acquired for irrigation from South Dakota State University and:

the land capability for irrigation information has been acquired from

S.C.S. ~~Curry Seed Co.~~

and:

that the legal description for the location of the well and land to be irrigated is true and correct.

Ed. L. Curry

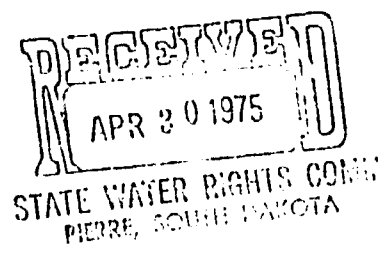
Subscribed and sworn before me this

21ST day of APRIL 1975.

John Z. Whelan

Notary Public, So. DAKOTA

(Title)



REPORT OF ANALYSIS
 Water Quality Laboratory
 Water Resources Research Institute
 South Dakota State University
 Brookings, South Dakota 57006

Submitted by: Curry Seed Co.

Date Rec'd April 21, 1975

Address Elk Point, SD 57025

Sample No. 75-280

Identification #3 Well-

SW 1/4 Sec. 20, T 91N, R 49

WATER ANALYSIS

Calcium (Ca)	300	ppm*	15.00	me/l**
Magnesium (Mg)	170	ppm	13.94	me/l
Sodium (Na)	150	ppm	6.52	me/l
Potassium (K)	10	ppm	0.25	me/l
Sulfate (SO ₄)	892	ppm	18.56	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	76	ppm	2.34	me/l
Bicarbonate (HCO ₃)	517	ppm	8.48	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	424	ppm (as CaCO ₃)		
Alkalinity (Penolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	2407	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.71			
Sodium	18.25	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.98			
Others:				

*ppm=parts per million

***g.p.g.=grains per gallon

**me/l=milliequivalents per liter

COMMENTS: Total cations 35.71 me/l
 Total anions 29.18 me/l

By: Shirley Kittan

Service Performed

Amount Due

Irrigation analysis

\$6.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-280

Amount Enclosed \$

Signed

Form 6 - Notice of Intent to Appropriate Water

2371-3

Publish first publication, on or before October 30, 19 75

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 6, 19 75

Notice is hereby given that Curry Seed Company
whose post office address is Elk Point, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
1.9 cubic feet of water per second of time from the ~~the~~ ground water through the
Ed Curry #5, the point of diversion of which is to be located in the

NE 1/4 Sec 19
of Section 19, Twp. 91N, Range 49W. Said water to be used for the purpose
of providing irrigation on ~~the~~ portions of the following described land:

El 1/4 Sec. Section 19, W 1/2 SW 1/4, Section 20, T91N, R49W

This application No. 2371-3 will be considered by the Water Resources Commission at their office at
Pierre upon the 12th day of November, 19 75, at 2:30 P. M. All interested
persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Curry Seed Company, Box 517, Elk Point, S.D. 57025

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA

County Union ss.

I, Lester E. Emerson hereby

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

Water was taken from the Leader Courier.

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 Elk Point

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

October 16, 1975

October 23, 1975

Lester E. Emerson
(Signature)

Publisher
(Title)

October 23, 1975
(Date Signed)

NOTICE OF INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501
October 6, 1975

Notice is hereby given that
Curry Seed Company whose
post office address is Elk Point,
South Dakota, has made an app-
lication in accordance with the
provisions of the water laws of
South Dakota for a permit to
appropriate for beneficial use
1.9 cubic feet of water per sec-
ond of time from ground water
through the Ed Curry #5, the
point of diversion of which is to
be located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of
Section 19, Twp. 91N, Range
49W. Said water to be used for
the purpose of providing irriga-
tion on portions of the follow-
ing described land: E $\frac{1}{2}$ SE $\frac{1}{4}$,
Section 19, W $\frac{1}{2}$ SW $\frac{1}{4}$, Section 20,
T91N, R49W.

This application No. 2371-3
will be considered by the Water
Resources Commission at their
office at Pierre upon the 12th
day of November, 1975, at 2:30
p.m. All interested persons
may appear and be heard.
WATER RESOURCES
COMMISSION

By: Burton F. Jones
Water Rights Specialist
Publish: October 16, 23

2011 11 1975

Permit No. 2371-3Water Division 3 Big Sioux River Water District

**REPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE**

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLIX., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by CURRY
FEED CO. of ELK POINT holder
of Permit No. 2371-3, bearing date of priority of OCTOBER 6, 1975
authorizing the diversion of 1.9 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in UNION County.

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

The Water Use System consists of,

A. Works used to divert the water:

105' DEEP WELL WITH 16" CASING - 20' SLOTTED SCREEN
FAIRBANKS MORSE 8" PUMP 3 1/2 KW
POWERED BY 75HP US ELECTRIC MOTOR @1760RPM

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

220' OF 10" BURIED PVC TO CENTER OF PLOT

C. Works used to apply water to beneficial use.

7 TOWER VALLEY CORNER SYSTEM

The system is in the following condition. GOODThe point of diversion is located 100' W & 1500' N OF THE SE CORNER,
SECTION 19, T9N, R50WThe works are capable of diverting and conveying to the place of use 2.0 (900 GPM)
cu. ft. per second of water which is to be used for IRRIGATIONWater has been put to beneficial use to the maximum extent as follows: ALL IN T9N, R50W

<u>E² SE⁴</u>	<u>SECTION 19</u>	<u>60 ACRES</u>
<u>W² SW⁴</u>	<u>SECTION 212</u>	<u>72 ACRES</u>

comprising a total of 132 acres of land.

Date SEPTEMBER 29, 1981
[Signature]
(Signature)

South Dakota

DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

GREAT FACES. GREAT PLACES
February 1, 1991

CERRY SEED COMPANY
PO BOX 517
ELK POINT SD 570250517

NOTICE

RE: Violation of Water Permit No(s) 2371-3, 5254-3 and 1990 Irrigation Questionnaire Requirements

Our records indicate that the 1990 Irrigation Questionnaire has not been submitted for Permit No(s) 2371-3, 5254-3. The request for the Questionnaire was dated October 12, 1990. The Water Management Board has directed that owners of water permits who have not submitted the 1990 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing will be held to determine action to be taken by the Board for violation of Water Permit No(s) 5254-3 qualification:

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

The hearing will also be to determine if Permit No(s) 2371-3 should be amended with the qualification to require the Questionnaire to be submitted each year. The hearing will be held at 9:15 am, February 27, 1991, at the Governor's Inn in the meeting room, 700 West Sioux Avenue, Pierre SD.

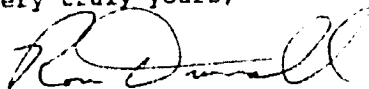
The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing, the Water Management Board can:

1. Suspend Permit No(s) 5254-3 until the 1990 Irrigation Water Use Questionnaire is submitted or for a period of up to one year;
2. Amend Permit No(s) 2371-3 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.

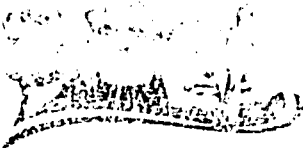
If the questionnaires are received in this office before the February 27th hearing date, you will no longer be in violation of your permit and your name will be deleted from the agenda for the hearing.

Very truly yours,



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

South Dakota



GREAT FACES. GREAT PLACES.

February 1, 1991

CURRY SEED CO, OPERATOR
BOX 517
ELK POINT SD 57025

DEPARTMENT OF WATER & NATURAL RESOURCES

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

NOTICE

RE: Violation of Requirement to Submit 1990 Irrigation Questionnaire

Our records indicate that the 1990 Irrigation Questionnaire has not been submitted for Permit No(s) 2370-3, 1530-3, 2371-3. The request for the Questionnaire was dated October 12, 1990. The Water Management Board has directed that owners of water permits who have not submitted the 1990 Irrigation Questionnaire be given notice of hearing(s) to be held by the Board to determine if any action is to be taken concerning the violation.

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

The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 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. Amend Permit No(s) 2370-3, 1530-3, 2371-3 to require the Irrigation Water Use Questionnaire to be submitted each 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.

If the questionnaire(s) is received in this office before the February 27th hearing date, your name will be deleted from the agenda for the hearing.

Very truly yours,

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

cc: Ed and Jacqueline Curry, 501 N Walnut, Elk Point SD 57025



DEPARTMENT OF WATER & NATURAL RESOURCES

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

GREAT FACES. GREAT PLACES.

February 11, 1991

Curry Seed Company
Box 517
Elk Point, SD 57025

RE: Irrigation Questionnaires and/or Chemical Application Use
Data for Water Permit Nos. 237-3, 306-3, 324-3, 501-3, 1086-3,
1133-3, 1136-3, 1297-3, 1530-3, 2141-3, 2189-3, 2370-3, 2371-3,
2450-3, 2940-3, 3910-3, 4438-3, 4582-3, 4598-3, 5030-3, 5201-3,
and 5254-3

Dear Sir:

I am writing to acknowledge receipt of your 1990 irrigation questionnaires and/or chemical application use data for the above listed Water Permits. You may disregard the February 1, 1991, Notice of failure to submit the 1990 irrigation questionnaire and the Notice of failure to report chemical use. With receipt of the questionnaires, your name has been deleted from the February Water Management Board meeting agenda.

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

Sincerely,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division



JUN 12 1997

2371-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

5972-3

Curry Seed Company
%William Curry
Box 517
Elk Point, SD 57025

Dear Mr. Curry:

Enclosed is Water License No. 5972-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 415314 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 5972-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Very truly yours,

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

ks
enclosures

NOTE: The applicable portions of Water Permit No. 2371-3 have been incorporated into this Water License No. 5972-3.

November 1980

For Dept. use only

☐ ☐

No system ☐

2371-3

CURRY SEED COMPANY

BOX 517

ELK POINT

SD 57025

Groundwater Irrigation

This is the Water Management Board data sheet for recording 1980 GROUNDWATER source irrigation estimates.

Please fill out and return at once.

No. Acres irrigated with Groundwater 45 If you did not irrigate during 1980-check this box ☐ No system ☐

G

Month	# days pumped	Average # hours per day	Average pump rate (gpm)	Acres of Crop	Acres	Acres	Water Used	Estimated Water Use
April								
May								
June								
July	15	16	1100	Corn	145			
August	4	16	1100	Corn	145			
Sept.								
Oct.								
Other Month								

Season Static Water Level: beginning end Complete and return to: WATER MANAGEMENT BOARD
Water Rights Division
Joe Foss Building
Pierre, SD 57501

Comments:

*Curry Seed Co
Box 517 (Groundwater Irrigation)
Elk Point, SD 57025*

Type of Power	No. acres irrigated	Total Energy used-1980 kWh
1. Electric	<u>45</u>	<u>33,192</u>
2. Gravity	_____	_____ gal
3. Gasoline	_____	_____ cf
4. Nat. Gas pipeline	_____	_____ gal
5. Diesel	_____	_____ gal
6. Propane	_____	_____
7. Other	_____	_____

Type of System:

1. Hand Moved Sprinklers _____
2. Portable booms _____
3. Center pivots (# of) X
4. Gated pipes _____
5. Sidewheel _____
6. Towlines _____
7. Gun type _____
8. Hydromatic _____
9. Siphons _____
10. Flood _____
11. Other _____

Owner or address change, if any:

Please complete front and back.

The South Dakota Office of Energy has requested your cooperation in completing the following:

1979

Type of Power	No. Acres Irrigated	Total Energy Used
1. Electric	_____	_____ kwh
2. Gravity	_____	_____
3. Gasoline	_____	_____ gal
4. Nat. Gas pipeline	_____	_____ cf
5. Diesel	_____	_____ gal
6. Propane	_____	_____ gal
7. Other	_____	_____

1978

Type of Power	No. Acres Irrigated	Total Energy Used
1. Electric	_____	_____ kwh
2. Gravity	_____	_____
3. Gasoline	_____	_____ gal
4. Nat. Gas pipeline	_____	_____ cf
5. Diesel	_____	_____ gal
6. Propane	_____	_____ gal
7. Other	_____	_____ gal

- What is your on-farm storage capacity for gasoline _____ gallons
diesel _____ gallons
- What are your present plans for acres under irrigation for 1981?
 _____ an increase in acres
 _____ irrigate same acres
 _____ a decrease in acres
- A. Has your regular fuel supplier been able to meet your fuel needs for irrigation this past year?
 _____ yes
 _____ no
 B. If no, were you able to buy from other sources?
 _____ yes
 _____ no
- Would you continue irrigating the same number of acres in 1981 if the price of fuel increased-

10% yes _____	20% yes _____
no _____	no _____
15% yes _____	over 20% yes _____
no _____	no _____
- At what price for fuel would you cut back on irrigation activities? _____
- What is your best estimate of your fuel needs for irrigation in 1981, if we experience a
 Dry summer: _____ gallons.
 Wet summer: _____ gallons.

2371-3