

Water Right Number 3197-3

1. Considered 11-17, 1976
2. Name of Applicant RICHARD LIND
3. Post Office Address VERMILLION
4. Amount of water claimed 2.0
5. Source of water supply 120' DEEP WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 140
7. Water to be diverted and used in CLAY County
about 1E, 10N Miles 1 of VERMILLION
8. Proof of Publication
Received 1ST
Not received _____
9. Application
Approved _____
Subject to _____
Not approved _____
Action deferred _____
10. Remarks:

No. 3197-3
 Map No. 24603 Water Division No. 3 VERMILLION RIVER District
 (Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE-Draw a line through items not applicable)

1. Name of Applicant Richard Lind
 Postoffice address RFD Vermillion, State South Dakota
 If a corporation show date and place of incorporation NA
2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
3. Name of diversion work NA
4. Amount of water claimed (cubic feet per second) 2.0
5. Source of water supply Vermillion aquifer
6. Location of point of diversion Wells shown on the map
Near the center of the SW 1/4, Section 29, T94N, R51W

County Clay

7. Annual period or periods during which water is to be used May-October
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation
9. For irrigation use, NA Total number of acres to be irrigated 160

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.
NE 1/4 SW 1/4 29-94-51	35		
SE 1/4 SW 1/4 29-94-51	35		
NW 1/4 NW 1/4 32-94-51	35		
NE 1/4 NW 1/4 32-94-51	35		

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 4 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Vermillion Plain Talk
12. Principal Features of the Proposed Water Supply System.

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

well- ground water

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

well at center of pivot

C. Works proposed to apply water to beneficial use.

center pivot system - controlled application of waterEstimated Total Cost \$ 12,000
 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 Clay
 I, Richard Lind, 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.
Signed Richard LindSubscribed and sworn to before me this 1st day of October, 1976Donald J. Peterson
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3197-3

RICHARD LIND
(Applicant)

RED VERMILLION
(Post Office Address)

SOUTH DAKOTA 57069 With the following modifications:
(State)

The irrigation well approved under this Permit is located near domestic 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.

Date of first receipt of application OCTOBER 8, 19 76

Date of return to applicant for correction, amendments or changes required _____, 19 _____

Date of receipt of corrected application NOVEMBER 3, 19 76

Approved NOVEMBER 18, 19 76, Recorded in Book 16 Page 264

WATER RIGHT PERMIT NO. 3197-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3197-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is OCTOBER 8, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 18, 19 79
3. The whole of said work is to be completed on or before NOVEMBER 18, 19 81
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 18, 19 85
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 2.0 cubic feet per second; nor 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 18, 19 85; said water to be used during the following described annual period: MAY - OCTOBER

Witness my hand this 23RD day of DECEMBER, 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued June 16, 19 80

Water License Issued June 16, 19 80

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

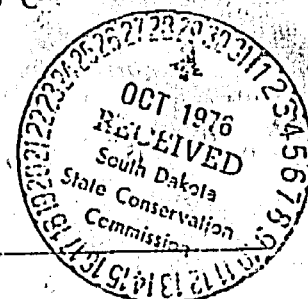
Submitted by: Richard Lind
 Address: Rt. 2, Box 72
Vermillion, SD 57069

Date Rec'd: October 6, 1976
 Sample No. 76-1534
 Identification _____

WATER ANALYSIS

Calcium (Ca)	360	ppm*	18.00	me/l**
Magnesium (Mg)	69	ppm	5.66	me/l
Sodium (Na)	96	ppm	4.18	me/l
Potassium (K)	22	ppm	0.57	me/l
Sulfate (SO ₄)	1175	ppm	24.44	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	54	ppm	1.50	me/l
Bicarbonate (HCO ₃)	244	ppm	4.00	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)	200	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	2023	micromhos per cm at 25° C		
Sodium Adsorption Ratio	1.22			
Sodium	14.71	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.21			
Others:				

*ppm==parts per million
 **me/l==millequivalents per liter
 ***g.p.g.=grains per gallon



COMMENTS: Total cations 28.41 me/l
 Total anions 29.94 me/l

By: Shirley Hutton

Service Performed	Amount Due
Irrigation Analysis	\$8.00
Make checks payable to: <u>Water Quality Labor</u>	
Cut along dotted line and return the lower portion to payment	
Sample No. <u>76-1534</u>	Amount Enc'd \$ _____
	Signed _____

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMPLETION BY C

Irrigation System: _____

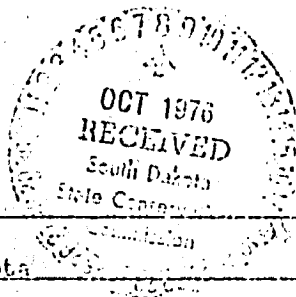
Water Quality: _____

Soils Capab. 131: _____

Approved: [Signature]

Disapproved: _____

Approved for this project can be carried
out under the following conditions. Individual man
agement of the project, determine the relative
benefits of the project.



NAME: Richard Lind

ADDRESS: Vermillion, South Dakota

COUNTY: Clay

LEGAL DESCRIPTION

1. WELL LOCATION: shown on map

2. AREA TO BE IRRIGATED: N1/2 22, E1/2 29, S1/2 22, S1/2 51

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): center pivot

4. CROPS TO BE IRRIGATED: corn, beans, alfalfa

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: average slope of 12

6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: attached

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: _____

8. SALINITY: _____

9. SOURCE: _____

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

and:

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

Richard Lind

Subscribed and sworn before me this

30th day of Sept. 19 76.

Quincy J. Peterson

Notary Public

(Title)

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

D. Well Information or Estimates

(1) Drill Hole, Diameter 30" Depth 120'
(2) Casing, Type plastic Diameter 16" Thickness
(wood, concrete, steel, etc)
(3) Perforated Screen
Type plastic Diameter 16" Length 80'
(4) Gravel Pack, Thickness 6.5 Length of gravel pack 120'

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 Coarse gravel

Depth to top of water bearing material 20'

Depth to bottom of water bearing material 110'

Thickness of water bearing material

Depth to water (ground surface to water level) 25'

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

On same owner's property 80 rds. On property owned by others 160 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.

Richard Lind

Signature of Applicant

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3197-3.

(1) WHEREAS, On the 8th day of October A. D. 19 76

Richard Lind

made Water Right Application No. 3197-3 for a permit to use 2.0 cubic feet per second of the water of groundwater (c/o well)

County of Clay State of South Dakota, for irrigation

purposes; and

(2) WHEREAS, On the 18th day of November A. D. 19 75

Permit No. 3197-3, with a date of priority of October 9, 1976

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water supply system therein described on or before the 18th day of November A. D. 19 81 and for the

application to beneficial use of said water on or before the 18th day of November A. D. 19 85

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to completion of the construction of the water supply system and is entitled to divert 1.40 cubic feet per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to the application of water to beneficial use of the following extent,

to irrigate the following lands all in T94N, R51W

Section 29

NE 1/4 SW 1/4 35 acres

SE 1/4 SW 1/4 35 acres

Section 32

NW 1/4 NW 1/4 35 acres

NE 1/4 NW 1/4 35 acres

TOTAL 140 acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Richard Lind

of Vermillion SD

the holder _____ and owner _____ of said permit No. 3197-3 a water right, dating from October 2, 1976 to use of 1.44 (650 gpm) cubic feet per second of the waters

of groundwater (one well)

in the County of Clay and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at in the approximate center of the SW 1/4,

Section 29, T94N, R51W

and conducted to and upon portions of Sections 29 and 32, T94N, R51W, more fully described on the face of this license

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 3197-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 16th day of June A. D.

Nineteen hundred and Eighty

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer, JOHN HATCH

Permit No. 3197-3

Water Diversion No. 3 Vermillion River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Richard Lind

_____ the holder _____ of
Permit No. 3197-3, issued upon Application No. 3197-3, bearing date of priority of October 8,
1976 authorizing the diversion of 2.0 cu. ft. per second of the waters of _____
groundwater (one well) County of Clay, State of South Dakota at _____
the approximate center of the SW1/4, Section 29, T94N, R51W

_____, for _____ irrigation _____

_____, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 1.44 (650 gpm) cu. ft. per second of water.

Date June 16, 1980


JOHN HATCH, Chief Engineer
Water Rights, WND

No. 317-3

Publish first publication, on or before

November 5, 1976

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

November 5, 1976

Notice is hereby given that

Richard Lind

whose post office address is Vermillion, 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 2.0 cubic feet of water per second of time from the ground water through the

land # 1, the point of diversion of which is to be located in the

center of the SW 1/4

of Section 29, Twp. 34, Range 21. Said water to be used for the purpose of providing irrigation on the following described land:

E 1/2 SW 1/4, Section 29 and N 1/2 NW 1/4, Section 32, T94N, R51W

This application No. 317-3 will be considered by the Water Rights

Commission at the Marvin Hughitt Hotel in Huron, S.D.

upon the 17th day of November at 10:00 A.M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/bw
cc:

Richard Lind, RFD, Vermillion, S.D. 57059

No. 3197-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
County Yankton)

I, Harry L. Snedec hereby

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

Water was taken from the Daily Press & Dakotan

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 Yan'iton _____

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

November 9, 1976

November 16, 1976

(Signature)

Business Manager
(Title)

11-10-76
(Date Signed)

11-26
NOTICE OF INTENT
TO APPROPRIATE WATER

November 3, 1965

Notice is hereby given that Richard Lind, whose post office address is Vermillion, 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 2.0 cubic feet of water per second time from the ground water through the land 21, located in the center of the SW 1/4 of Section 29, Twp 91N., Range 51W. Said water to be used for the purpose of providing irrigation on the following described land: E 1/2, SW 1/4, Section 29 and S 1/2 NW 1/4, Section 32, T 91N R 51W.

This application No. 31573 will be considered by the Water Rights Commission at the Marvin Hegghatt Hotel in Haron, SD upon the 17th day of November at 10:00 A.M. All interested persons may appear and be heard.

Water Rights Commission
By BURTON JONES
Water Rights Specialist

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

N2 4 7526

PIERRE, June 6, 1980

RECEIVED OF Richard Lind, RR #2, Box 72, Vermillion, SD 57069

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

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)		
Fee for Inspecting Construction, and issuing Cert. of Construction No. 3197-3		
Fee for Inspecting Beneficial Use, and issuing Water License No. 3197-3	50	00
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for		
(any other work as provided by law)		
TOTAL	50	00

WATER RIGHTS COMMISSION

By *John Hatch*
Chief Engineer, Executive Officer
JOHN HATCH 1980

Permit No. 3147-3Water Division 3 VERMILLION RIVER Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

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

I have this day made a thorough examination of the water use system constructed by RICHARD
LIND of VERMILLION holder
of Permit No. 3147-3, bearing date of priority of OCTOBER 8, 1976
authorizing the diversion of 2.0 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in CLAY 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:

106' DEEP WELL WITH 12" STEEL CASING - 20' SS SCREEN
LAYNE BOWLER TYPE 10RM - 4 STAGE 6" PUMP
POWERED BY 40HP GE ELECTRIC MOTOR

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

40' OF 10" ALUMINUM LINE TO N PIVOT PAD
1360' OF 8" ALUMINUM LINE TO S PIVOT PAD

C. Works used to apply water to beneficial use.

ZIMMATIC - 7 TOWER - MODEL 307 CENTER PIVOT - LOW PRESSURE
SYSTEM - SERIAL #106515 - 1300' LONG

The system is in the following condition: GOODThe point of diversion is located CENTER SW⁴, SECTION 29, T94N, R51WThe works are capable of diverting and conveying to the place of use 1.44 (650 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 T94N, R51W

SECTION 29		SECTION 32	
NE ⁴ SW ⁴	35 ACRES	NW ⁴ NW ⁴	35 ACRES
SE ⁴ SW ⁴	35 "	NE ⁴ NW ⁴	35 "

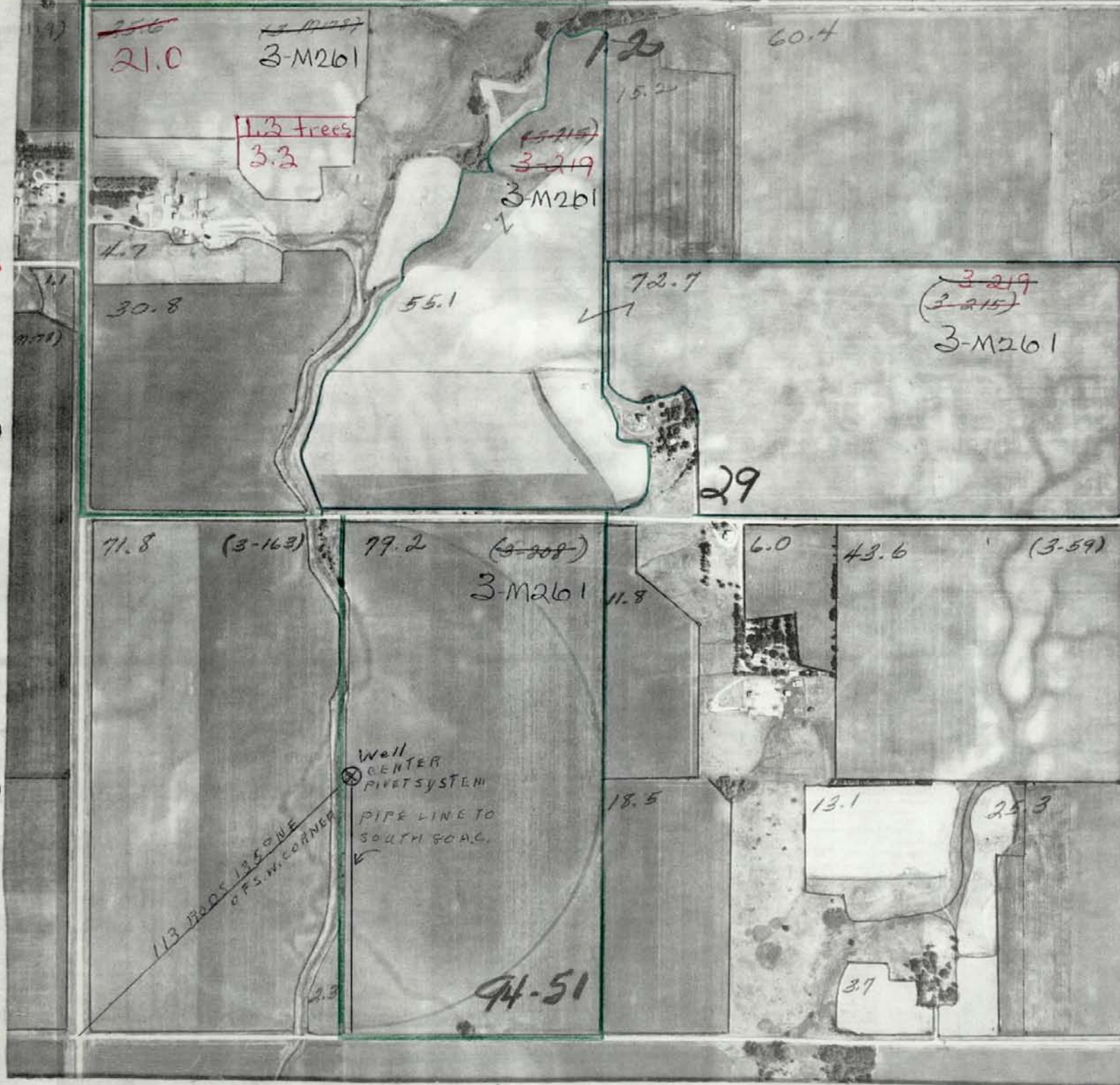
comprising a total of 140 acres of land.Date MAY 7, 1980

Debra J. Jones
(Signature)

LAND USE MAP
 Clay County Conservation District
 Owner Richard Skind
 County Clay State Mo.
 Approx. scale 8" per mile
 Prepared by U.S. Department of Ag.



LAND USE MAP
 Clay County Conservation District
 Owner Richard David
 County Clay State Mo.
 Approx. scale 8" per mile
 Prepared by U.S. Department of Ag.



3-1913