

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

Handwritten annotations on the grid:

- R. 16E
- T. 8S
- 35
- AD, P4

Red stamp: MICROFILMED
JUL 23 1990

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Marilyn A. Lyons
(Applicant)

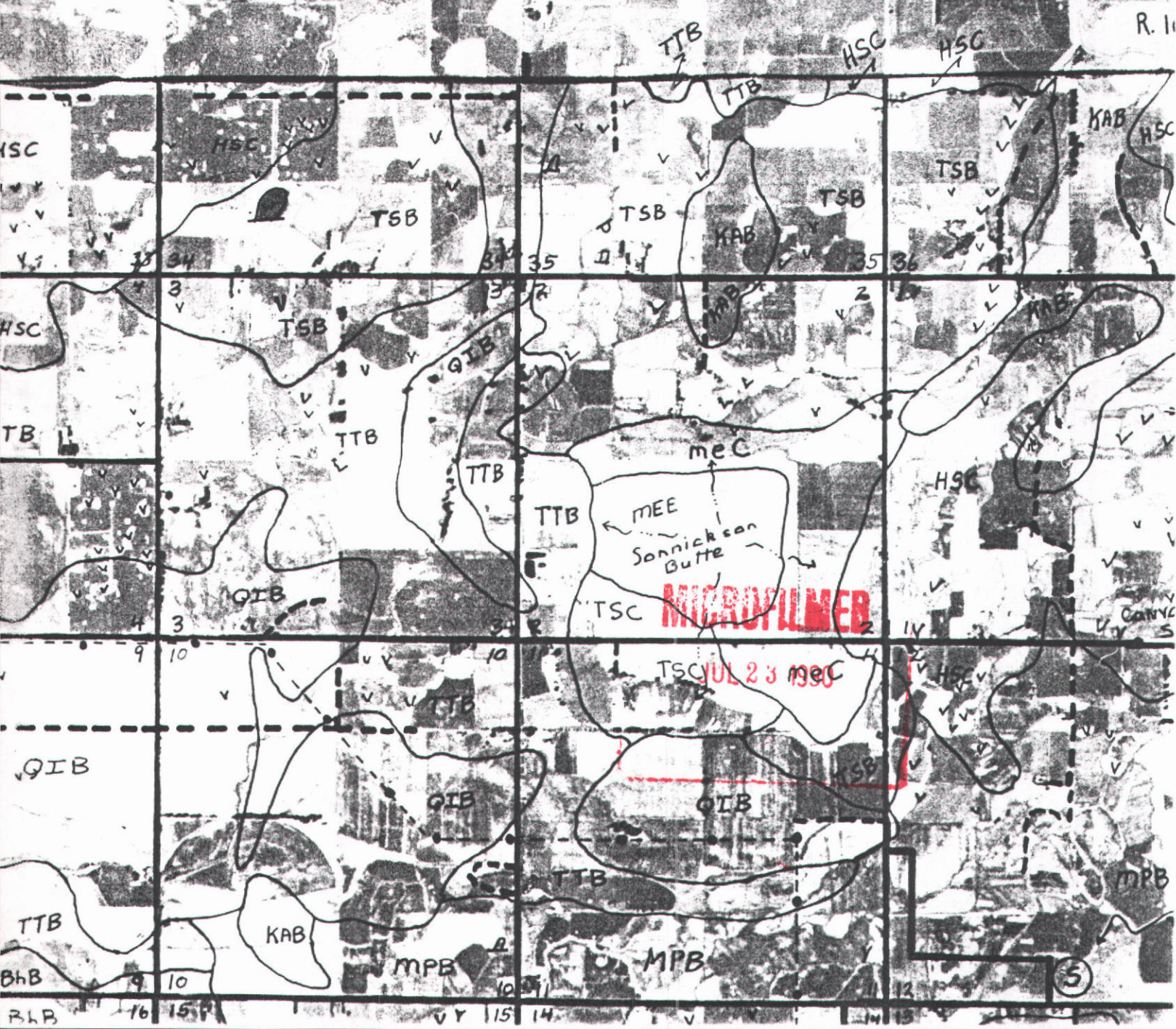
T.8S, R.16E, Sec. 35 4/18/90

1976 Flight

SOIL CONSERVATION SERVICE
704 SOUTH LINCOLN AVENUE
JEROME, IDAHO 83338

3-86N

T.8S, R.16E, Sec. 35





MICROFILMED

JUL 23 1990



MICROFILMED

JUL 23 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
MAR 11 1996
Department of Water Resources
Department of Water Resources

A. GENERAL INFORMATION

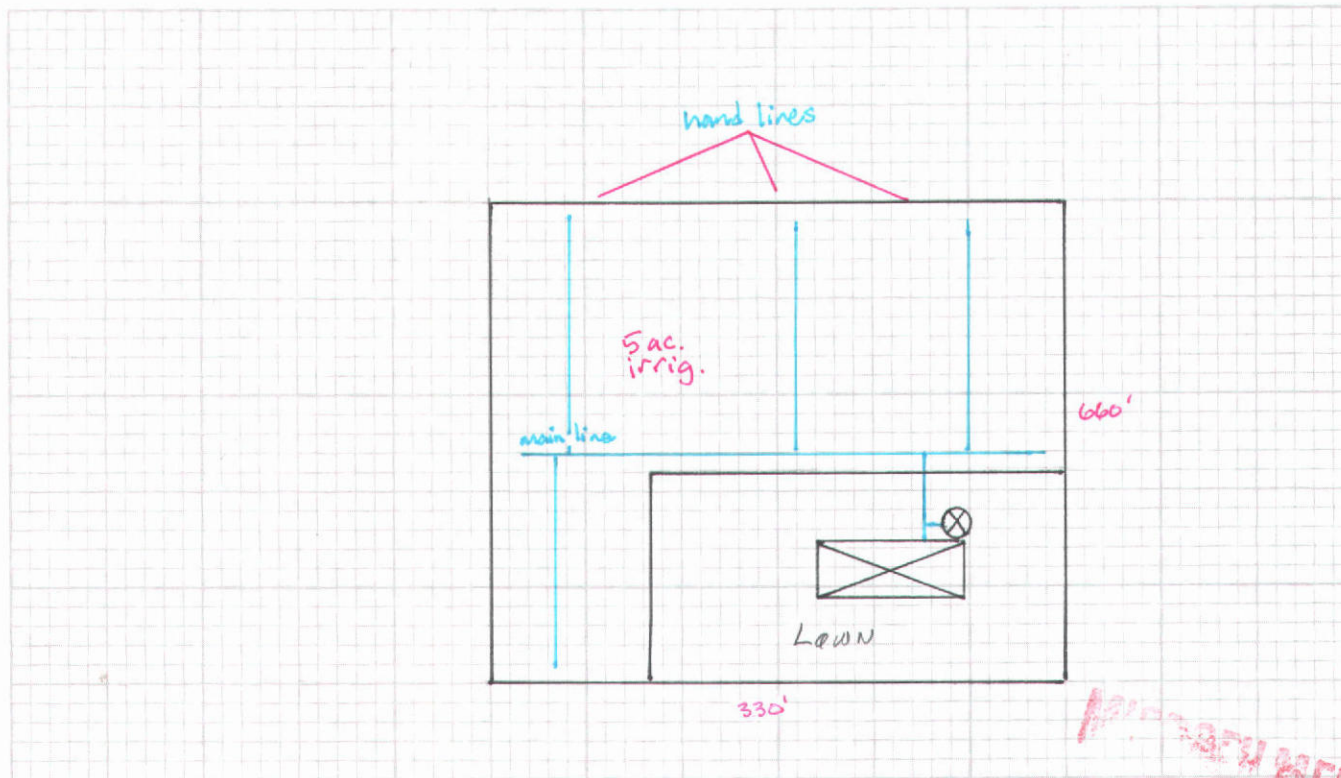
1. Owner: Byron & Marilyn Lyons Permit No. 36-8535
Current Address: 286 S. 200 W. Jerome, ID 83338 Phone No. 208-324-7159
2. Accompanied by: _____ EXAM. DATE: 6/2/92
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: None ☐ Copies Attached
2. Other water rights with same point of diversion: none ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

OCT 03 1996

PER 56-08595 INIT che
T. R. S. Q/Q
P/D 85 16E 35 50/50
SCALE _____
PHOTO ID. _____



P/D.



P/U
Looking
NE

RECEIVED
OCT 03 1996

36-8535

P/M

hay field →

yard →



RECEIVED
OCT 03 1996



T1211
661

36-8525
85, 16E

PD PY
6

007 03 1996

T1211
661

T1210
660

T1215
665

T1309
745

T1310
747

T6102
1411

1807
T6290

T1311
748

T1317
154

T1225
674

T1222
672-1-2

T1224

JUDY
BAILEY
CHICKEN
HOUSE

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08535

Priority: April 12, 1990

Maximum Diversion Rate:

0.13 CFS

Maximum Diversion Volume:

16.6 AF

This is to certify, that BYRON LYONS
MARILYN A LYONS

286 S 200 W
JEROME ID 83338

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 12, 1990; and has submitted Proof of Beneficial Use on February 8, 1991. An examination indicates that the works have a diversion capacity of 0.150 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.11 CFS	16.0 AF
DOMESTIC	01/01 to 12/31	0.02 CFS	0.6 AF
	Totals	0.13 CFS	16.6 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 35, Township 08S, Range 16E
JEROME County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
08S	16E	35	SWSW 4		4

Total number of acres irrigated: 4

PLACE OF USE:

DOMESTIC, same as IRRIGATION use

CONDITIONS OF APPOINTMENT AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.

OCT 03 1996

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 36-08535

CONDITIONS OF APPROVAL AND REMARKS

6. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
7. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.0 afa per acre for the lands above.
8. Diversion and use of water under this right is subject to rules that may subsequently be promulgated for the use of existing rights used for supplemental purposes.
9. Domestic use is for 1 acre.
10. Domestic use does not include lawn, garden, landscape, or other types of irrigation.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 30TH day of SEPTEMBER, 1996.


Acting for KARL J. DREHER, Director

WR

OCT 03 1996

Form 217
RECEIVED
FEB 08 1991

For Office Use Only
Amt. of Fee \$ 50.00
Date 2/8/91
Receipt No. 6019609
Received by J. Stanton

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 36-08535 Telephone No. 208-324-7159

Name(s) of Permit Holder(s): Byron and Marilyn A. Lyons

Post Office Address: 286 S. 200 W. Jerome, Idaho 83338

Source of Water: Groundwater

If ground water, well driller's name: Eaton (Wendell) Date drilled: 4/80

Extent of Use:
Domestic 1 (No. of households) Irrigation 4 (No. of acres)
Stockwater 20 (No. and type of stock) Other _____

Total rate and/or volume for which proof is submitted .005 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: 4/80

One of the following may be a condition of approval of your permit:

Measuring device: Required? Yes ☒ No Installed? Yes ☒ No

OR

Flow Measurement Port: Required? Yes ☒ No Installed? Yes ☒ No

Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

Person to contact to accompany the Department representative during the field examination:

Byron or Marilyn Lyons 324-7159
Name Telephone No.

286 S. 200 W. Jerome Idaho
Address

The above information is my true statement of the extent to which the above numbered permit has been developed and I will relinquish any undeveloped portion of the permit to the state of Idaho.

2/5/91 Byron Lyons
Date Signature (and title if on behalf of a company or organization)

ALL RETURNED
MAR 18 1991

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 36-08535

Proposed Priority: April 12, 1990 Maximum Diversion Rate: 0.16 CFS

This is to certify, that **BYRON LYONS**
MARILYN A. LYONS
286 S. 200 W.
JEROME, ID 83338

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.12 CFS
DOMESTIC	01/01 to 12/31	0.04 CFS
	Totals	0.16 CFS

LOCATION OF POINT(S) OF DIVERSION: NWSWSW Sec. 35, Township 08S, Range 16E
JEROME County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
08S 16E 35	SWSW 4			4

Total number of acres irrigated: 4

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **August 1, 1991**.
2. Subject to all prior water rights.
3. Any license issued by IDWR pursuant to the permit or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
4. Diversion and use of water under this permit is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
5. The Director retains jurisdiction of the permit and/or subsequent license issued to change, add or remove any requirement as determined to be appropriate.
6. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
7. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.03 cubic feet per second for each acre of land.

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JUL 23 1990

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 36-08535

CONDITIONS/REMARKS:

8. Domestic use is for 1 home.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

13th day of July, 1990.

R. Keith Higginson
for R. Keith Higginson, Director

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JUL 23 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 36-08535

To appropriate the public waters of the State of Idaho

1. Name of applicant Byron and/or Marilyn A. Lyons Phone 324-7159
Post office address 286 S. 200 W. Jerome, ID 83338

2. Source of water supply ground water which is a tributary of _____

3. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot _____
Sec. 35 Township 8 S Range 16 E B.M. Jerome County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.02 for Irrigation purposes from 3/5 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.04 for Domestic purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 0.02 + 0.04 = 0.06 m³ and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Existing well and pump

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.

c. ~~Proposed~~ well diameter is ? inches; ~~proposed~~ depth of well is ? feet.

d. Is ground water with a temperature of greater than 90°F being sought? no

7. Time required for the completion of the works and application of the water to the proposed beneficial use is
_____ years (minimum 1 year).

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JUL 23 1990

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in KW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; show name of municipality. _____
 - Domestic; show number of households. _____
 - Other; describe fully. _____

9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
85	16 E	35											D 4						4

Total number of acres to be irrigated 4

10. Describe any other water rights used for the same purposes as described above. _____
11. a. Who owns the property at the point of diversion? applicants
- b. Who owns the land to be irrigated or place of use? applicants
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: system developed in 1978.
Same well serves home under SRAA of 1978

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JUL 23 1990

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

R. 16E

T. 8S

35

PD, PH

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JUL 23 1990

Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Marilyn A. Lyons
(Applicant)

Received by J. F. Hinton Date 4-12-90 Time 2:57 pm Preliminary check by S.S.
Fee \$ 30.00 Received by JF # 50/2025 Date 4-12-90
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- e. Other:

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JUL 23 1990

Byron and Marilyn
Lyons

1984 flight requested 4-19-90 from
ASCS, ~~go~~

T. 8 S, R. 16 E, Sec. 35 4/18/90

1976 F/9

SOIL CONSERVATION SERVICE
704 SOUTH LINCOLN AVENUE
PIONEER, IDAHO 83335

3-86N

T. 8 S, R. 16 E, Sec.

TTB

R. 16

SC

T6B

TSB

SC

B

TTB

TTB

TTB

MEE

Sannickson Butte

TSC

MICROFILMER

TSC JUL 23 1990

QIB

TTB

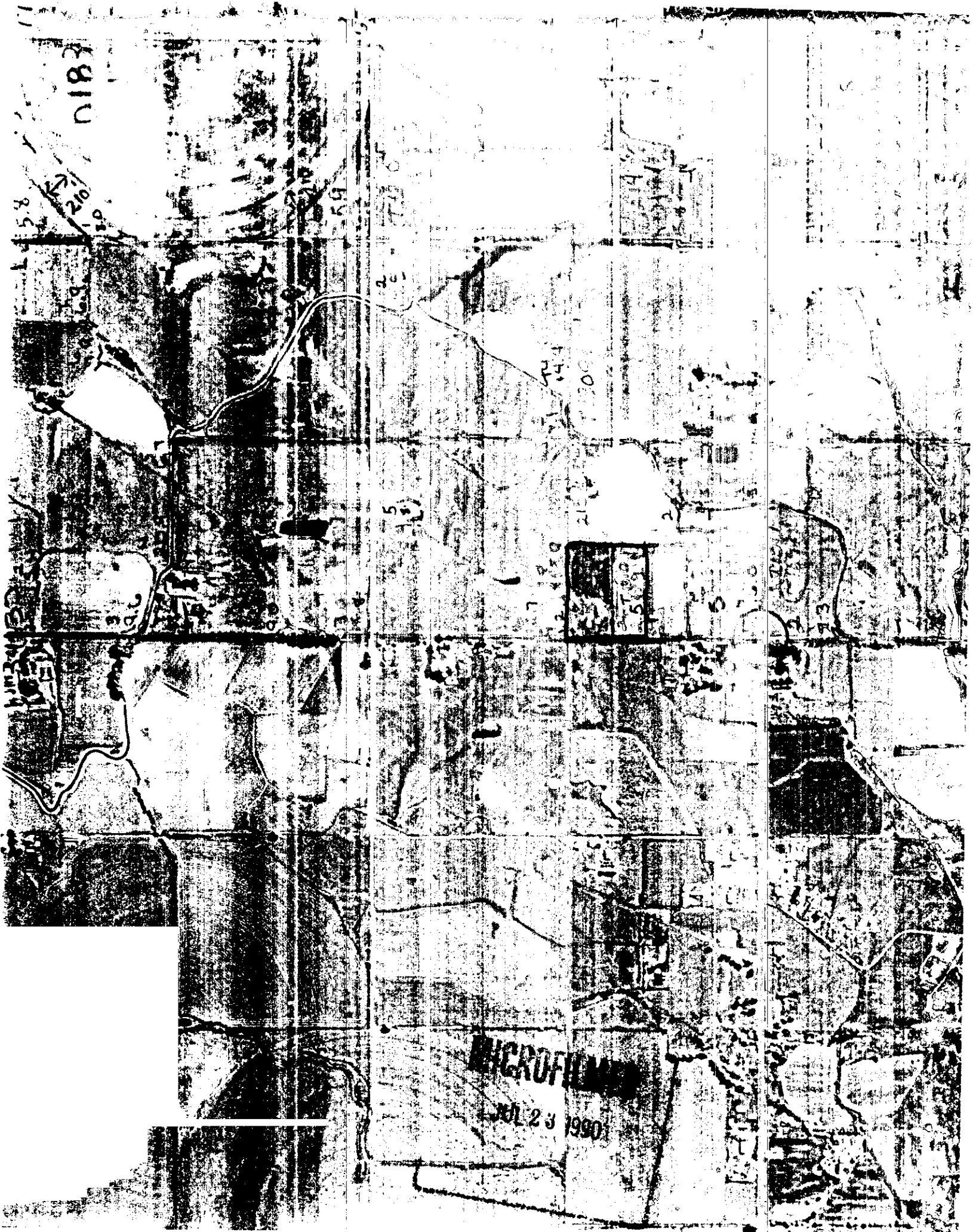
KAB

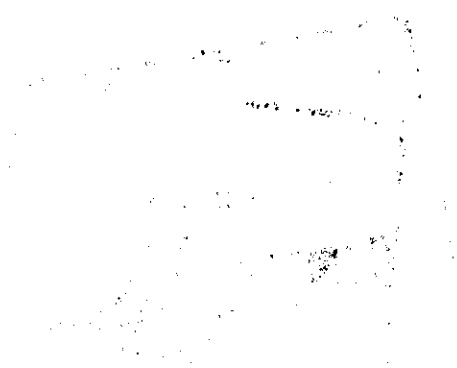
LB

176 454

115 14

TV





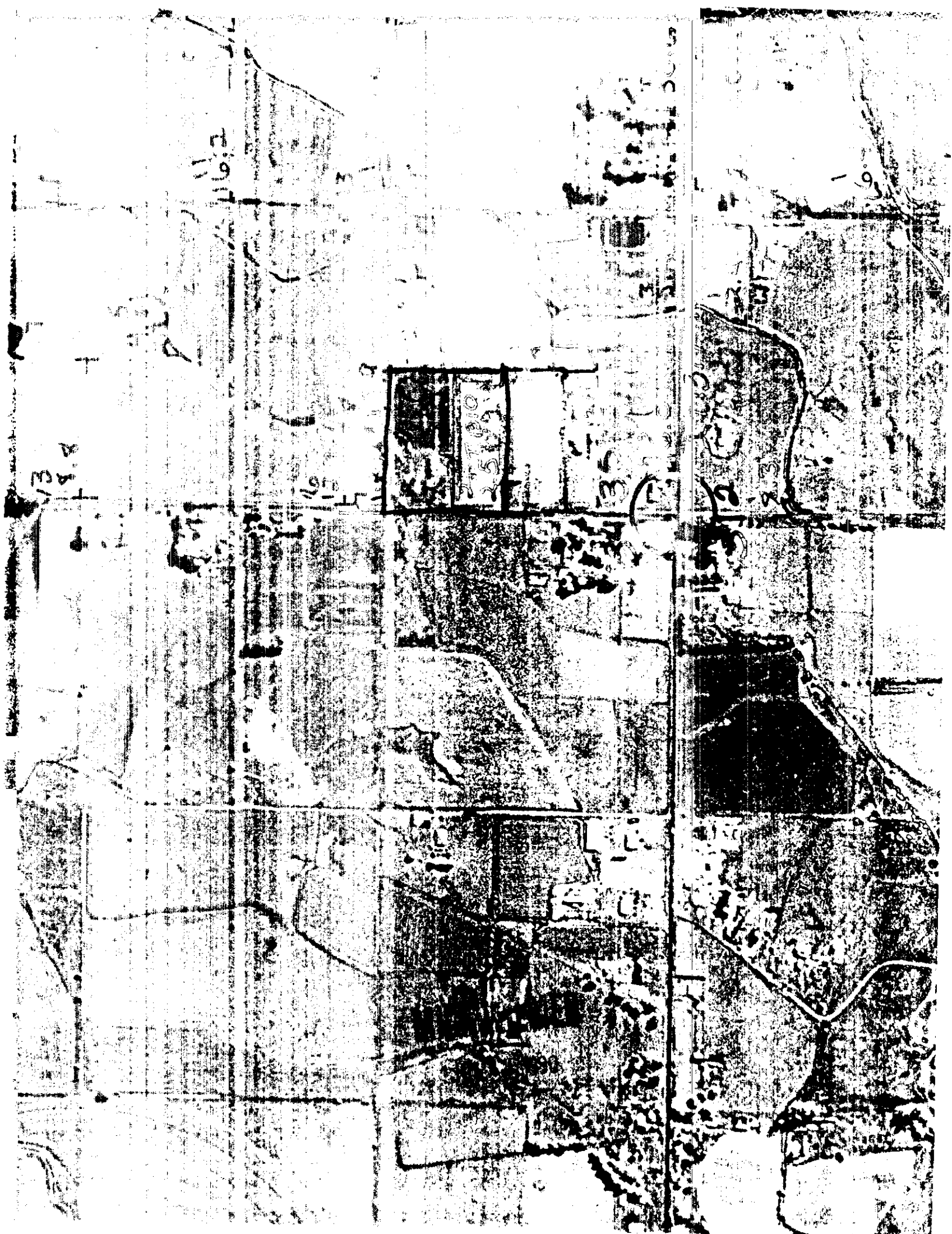
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JUL 25 1990

Jerome County ASC Committee
700 South Lincoln Ave.
Jerome, Idaho 83338

1984 Photo
Judy Bay
Program Asst.

Byron
Lyons



MICROFILMED

JUL 23 1990

Jerome County ASC Committee
700 South Lincoln Ave.
Jerome, Idaho 83338

Jerome County ASC Committee
700 South Lincoln Ave.
Jerome, Idaho 83338

1984 Photo
Judy Bay
Program A.T.

Byron
Lyons

AFFIDAVIT of PUBLICATION

State of Idaho, }
County of Jerome } SS.

Patty Nance, being first duly sworn, deposes and says that he is the printer (publisher) of the Jerome North Side News, a newspaper published every week in Jerome, County of Jerome, State of Idaho; that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement was published once

each week for 2 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication

of said advertisement was, on the 16th day of June

1990, and the date of the last publication was on the 13th

day of June, 1990.

Patty Nance

Subscribed and sworn to before me this 15

day of June, 1990.
(SEAL)

Vincent Landiaga
NOTARY PUBLIC

NORTH SIDE NEWS

Jerome, Idaho

COST OF PUBLICATION

Numer of Picas per Line

Number of Lines in Notice

Number of Insertions

MICROFILMED

JUL 23 1990

Lines tabular at 337.5 6¢/Pica

Lines straight at 16.50 5¢/Pica

Subsequent lines at 13.50 4¢/Pica

TOTAL COST 30.38

COPY OF NOTICE

(Paste Here)

App. for Water Rt.

TITLE OF NOTICE

B. Lyons.

36-08535

PLAINTIFF ATTORNEY

DEFENDANT

PLAINTIFF

J. W. R. Boise
BILL TO

NOTICE OF APPLICATION FOR TRUST WATER RIGHT

36-08535

LYONS, BYRON
LYONS, MARLYN A.

286 S. 200 W.

JEROME, ID 83335

Source: GROUNDWATER

Diversion Pt: NWSWSW Sec 35 T08S

R16E

Use: IRRIGATION (.120)

DOMESTIC (.040 CFS)

Total Diversion: (.160 CFS)

Date Filed: 4/12/1990

In: T08S R16E S35 SWSW

4.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. Water Resources, Statehouse Mall, Boise, Idaho 83720 on or before JUNE 25, 1990.

R. KEITH HIGGINSON,

Director

Pub: 6-6, 13

N00000

(Idaho Code, Rev. Statutes 1984)

7-8 pt. per line straight.....5¢/Pica

7-8 pt. per line tabular.....6¢/Pica

7-8 pt. per line successive

insertions.....4¢/Pica

No 3824

00009



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 30, 1996

BYRON LYONS
MARILYN A LYONS
286 S 200 W
JEROME ID 83338

RE: WATER RIGHT NO. 36-08535

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Also, please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address to the department. If you have acquired a water right or have changed your mailing address PRIOR TO July 1, 1996, you have until July 30, 1998, to notify the department. If you acquire a water right or change your mailing address AFTER July 1, 1996, you must notify the department within 120 days of the change.

Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department to obtain the proper reporting form.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

OCT 03 1996

MEMORANDUM

DATE: September 23, 1996
TO: File 36-08535
FROM: Cindy Zimmerman *CJ*
SUBJECT: Use of surface water for irrigation

=====

In my letter dated July 8, 1996, I requested the permit holder identify whether or not he used North Side Canal Company water to irrigate his property. I have not received a response to my letter.

Today I called the phone number listed in the file. The phone number now belongs to the Hewright family who live at a different address. Per the Jerome County Assessor, Byron Lyons still owns the property. Per directory assistance, no phone number is listed under the name of Byron Lyons.

Per North Side Canal Company, Byron Lyons originally had 5 shares but has sold off 3.5 shares to Anita Williams leaving a remainder of 1.5 shares which according to them would operate maybe one rainbird. The exam identifies a pressurized system consisting of twelve (12) 9/64" rainbirds.

Using the information from North Side Canal and in the exam, it appears that use of groundwater for irrigation has replaced use of the surface water under this permit.

I recommend the license on this permit to include condition 050.

OCT 03 1996



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

July 8, 1996

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

BYRON LYONS
MARILYN A LYONS
286 S 200 W
JEROME ID 83338

RE: Permit No. 36-08535

Dear Mr. & Mrs. Lyons;

The beneficial use field exam on above referenced permit has been sent to the State Office for final review and processing; however, before the licensing process can continue, I will need some additional information.

The examiner identifies that you irrigate approximately 4 acres from your well. I found that you are within the North Side Canal Company boundaries. Do you use any surface water to irrigate your property?

I will hold processing of your license for 14 days pending your response. If you have any questions, you may contact me directly at (208) 327-7944.

Respectfully,

A handwritten signature in cursive script that reads 'Cindy Zimmerman'.

Cindy Zimmerman
Water Resource Agent

B/U FIELD EXAM REVIEW
Cindy Zimmerman

01/96

Permit #: 36-9535 Name: Lyons Date: 7/3/96 /Lots ✓
Chng Same

NAME ✓ Or Address Change? 324-8770

SOURCE ✓ Clarify source
Prelim. Order to Void - Source change.

P/D ✓ Amendment Needed? None P39
Overlap(s) None

P/U ✓ Amendment Needed? 4 ac P41
Overlap(s) None (Surface water not used)
(Gov't special #'s) 0 *P/D & P/U Amend? P37

RATE ✓ Permit/fee limits: 0.16 / 0.20
 Measured Q= cfs/Theoretical Q= cfs

$$Q_{irr} = \frac{12 (9/64" @ 49 \text{ psi})}{(HP)} = \frac{12 \times 3.99 \text{ gpm}}{8.8 \times 0.70 \times 5.0} = \frac{47.88 \text{ gpm}}{30.8} = 0.1153$$

$$Q_{dom} = \frac{95 + (2.31 \times 50)}{210.5} = 0.15 \text{ cfs}$$

✓ Recommended capacity 0.15 cfs
✓ Recommended rate 0.13 cfs

VOLUME Season: irr: Dom: 1/1-12/31 = 365 days
 (C / 4.0) 4/1-10/31 = 214 days
 Calculations:
 a) $irr = 4 \text{ ac} \times 4.0 \text{ AF/ac} = 16.0 \text{ AF}$
 b) $dom = 1 \text{ km} \times 0.06 \text{ AF/km} = 0.6 \text{ AF}$
 $Maximum \text{ AF} = a + b = 16.0 + 0.6 = 16.6 \text{ AF}$
 Flow limit: $\frac{0.02}{0.11} \times \frac{365}{214} \times 1.9835 = \frac{14.4}{46.7} \text{ AF}$
 Recommended volume 16.6 AF

USES ✓ Same Nature of Use? P46
 Amendment Needed?

REMARKS Multiple p/d's in $\frac{1}{4}$? W32
 ✓ OWBS/1

CONDITIONS Measuring (R01)/Locking (R02) Devices
 Watermaster Control (R04) - WD #
R51 Irrigation rate/volume overlap
050 GW irrigation replaces surface water (050)
 GW irrigation supplements surface water (065)
✓ Water Quality/Other R55, R56

PRIORITY App Rcd 4/12/90 Due 8/1/91 Rc'd 2/8/91
Receipt# CO19609 Fee OK? (Yes/No)
Order to Reinstate Needed? Yes/NO Done?
If Yes, Advanced? Yes/No to:
Priority 4/12/90 Examined 6/2/92

COMMENTS:

USE	CFS	DIV VOL	SRBA Overlap
<u>irr.</u>	<u>0.11</u>	<u>16.0</u>	<u>Adjustment Memo ✓</u>
<u>dom</u>	<u>0.02</u>	<u>0.6</u>	<u>LICENSE LTR: P49</u>
<u>TOTAL</u>	<u>0.13</u>	<u>16.6</u>	<u>#1 AMEND LTR: <u> </u>/P38</u>
			<u>#2 AMEND LTR: P42/P47</u>

MEMORANDUM

DATE: July 8, 1996
TO: File No. 36-08535
FROM: Cindy Zimmerman
SUBJECT: Review of Beneficial Use Field Report

~~~~~

The following adjustments<sup>1</sup> were made on the field report to reflect department standards for domestic internal use:

E. Flow Calculations.

1. Measured method.

a. Irrigation, measured = (heads x gpm/hd) ÷ 448.83  
= (12 x 3.99) ÷ 448.83  
= 47.88 ÷ 448.83  
= 0.11 cfs.

b. Domestic, internal use only = **0.02** cfs.

c. Maximum rate of diversion = a + b  
= 0.11 + 0.02  
= **0.13** cfs.

2. Alternate Method for Checking Purposes.

a. Capacity =  $\frac{8.8 \times 0.7 \times 5.0}{95 + (2.31 \times 50)} = \frac{30.8}{210.5} = \text{0.15 cfs.}$

H. Recommendations.

1. Recommended amounts:

| Beneficial Use | Period of Use | Rate of diversion      | Annual Volume |
|----------------|---------------|------------------------|---------------|
| Irrigation     | 4/1-10/31     | 0.11 cfs               | 16.0 AF       |
| Domestic       | 1/1-12/31     | <b><u>0.02</u></b> cfs | 0.6 AF        |
|                | Totals:       | <b><u>0.13</u></b> cfs | 16.6 AF       |

<sup>1</sup> Adjustments made are **bolded and underlined**.

OCT 03 1996

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

RECEIVED  
MAR 1 1996  
Department of Water Resources  
Department of Water Resources

**A. GENERAL INFORMATION**

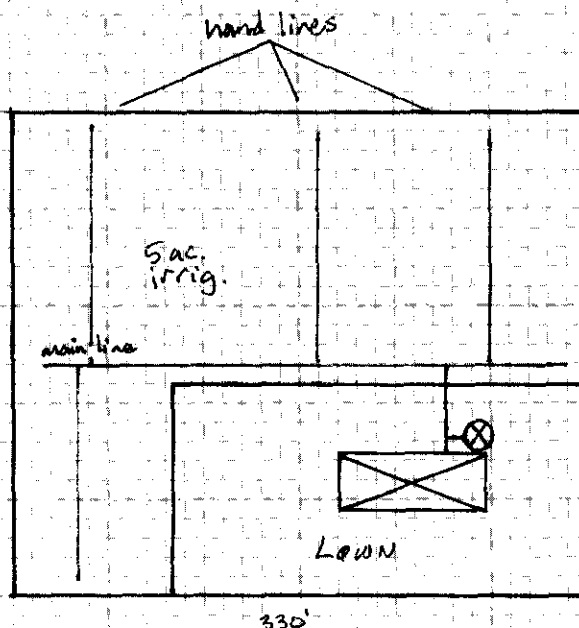
1. Owner: Byron & Marilyn Lyons Permit No. 36-8535  
Current Address: 286 S. 200 W. Jerome, ID 83338 Phone No. 208-324-7159  
2. Accompanied by: \_\_\_\_\_ EXAM. DATE: 6/2/92  
Address: \_\_\_\_\_ Phone No. \_\_\_\_\_  
Relationship to Permit Holder: \_\_\_\_\_  
3. Source: groundwater tributary to \_\_\_\_\_

**B. OVERLAP REVIEW**

1. Other water rights with same place of use: none  
\_\_\_\_\_ ☐ Copies Attached  
2. Other water rights with same point of diversion: none  
\_\_\_\_\_ ☐ Copies Attached ☐ Copies of Field Exam's Attached

**C. SYSTEM DESCRIPTION**

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).  
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

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**System Description (continued)**

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

well supplies water for home and 5<sup>4</sup> acres (currently hay) Irrigation with 12 sprinklers at a time.  
Pressure tank operates at 30-60 psi.

☐ See Remarks on page 4 for continuation

4.

| Well or Diversion Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                       | STA-RITE   | 5  | 282-1139-203     | STA-RITE  |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |

\*Code to correspond with No. on map and aerial photo

5. **Point(s) of Diversion:**

| Ident. No. | Gov't. Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County | Method of Determination/Remarks |
|------------|------------|-----|-----|-----|------|------|------|--------|---------------------------------|
|            |            | N   | W   | SW  | 35   | 8S   | 16E  | Jerome | Inspection                      |
|            |            |     |     |     |      |      |      |        |                                 |
|            |            |     |     |     |      |      |      |        |                                 |
|            |            |     |     |     |      |      |      |        |                                 |

6. **Place(s) of Use:**

Indicate Method of Determination

| Twp. | Rge. | Sec. | NE 1/4 |        |        |        | NW 1/4 |        |        |        | SW 1/4 |        |        |        | SE 1/4 |        |        |        | Totals |
|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |      |      | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 |        |
| 8S   | 16E  | 35   |        |        |        |        |        |        |        |        |        |        | 5      |        |        |        |        |        | 54     |
|      |      |      |        |        |        |        |        |        |        |        |        |        | 4      |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

Do not use this space

OCT 03 1996

Do not use this space

#### D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements:

12 of 9/4" sprinklers @ 45 psi.

= 3.99 gpm/sprinkler = 47.88 gpm total

= 0.11 cfs.

#### E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

#### F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: \_\_\_\_\_ psi x 2.31 = \_\_\_\_\_ ft (1); Dynamic pumping level: \_\_\_\_\_ ft (2)

Total Head: (1) + (2) = \_\_\_\_\_ (3) ; Flow rate: \_\_\_\_\_ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = \_\_\_\_\_ (5)

Meter Input KW: 3.6 x \_\_\_\_\_ KH x \_\_\_\_\_ CTR or \_\_\_\_\_ MULT x \_\_\_\_\_ PTR x \_\_\_\_\_ N/ \_\_\_\_\_ T = \_\_\_\_\_ (6)

Meter Input HP: (6) x 1.34 = \_\_\_\_\_ (7)

Panel Input KW: \_\_\_\_\_ Ave PF x \_\_\_\_\_ Ave Volts x \_\_\_\_\_ Ave Amps x .001732 = \_\_\_\_\_ (6)

Panel Input HP: (6) x 1.34 = \_\_\_\_\_ (7) Efficiency: (5)/(7) x 100 = \_\_\_\_\_ %

#### G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.0 \left( \frac{4}{3.0} \right) = 16 \text{ afa.}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.16 (246)(1.98) = 77.9 \text{ afa.}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 16 \text{ afa.}$

2. Volume Calculations for Other Uses:

Domestic = 0.6 afa. - internal only

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## H. REMARKS AND OVERLAP REVIEW ANALYSIS

permit rate = 0.16 cfs  
 calculated rate = 0.11 cfs  
 exam fee limit = 0.2 cfs

The entire 5 acres less house and driveway <sup>and road right of way</sup> is irrigated.

## I. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use | Period of Use |       | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|-------|------------------------------|--------------------------|
|                | From          | To    |                              |                          |
| irrigation     | 3/15          | 10-31 | 0.12                         | 15.0                     |
| domestic       | 1/01          | 12/31 | 0.04 *                       | 0.6                      |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
| Totals:        |               |       | 0.16 *                       | 15.6                     |

### 2. Recommended Amendments

- ☐ Change P.D. as reflected above      ☐ Add P.D. as reflected above      ☒ None  
☐ Change P.U. as reflected above      ☐ Add P.U. as reflected above      ☐ Other

## J. AUTHENTICATION

Field Examiner's Name B.W.B.  
 Signature Brian Black  
 Certification Date \_\_\_\_\_  
 Field Report Preparation Date 6-26-92

CONSULTANT SEAL

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

\* Adjustments made during the review of this right for license approval.  
 See memo for additional information. 7/3/96 c.s.

OCT 03 1996

# GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

\*\*\*\*\*

FILE: 56-8535

DATE: 6-2-92

BY: P.B.

THEORETICAL RATE OF FLOW:  $Q = \frac{(8.8) \times (\text{H.P.}) \times (\text{EFF.})}{\text{TDH}}$

Q = CFS

H.P. = Total Brake Horsepower of pumping plant (including booster)

EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)

TDH = total dynamic head = [ (LIFT) + (PSI X 2.31) ]

LIFT = depth to water in FEET from land surface to pumping water level

PSI = pumping pressure measured in psi near pump  
(if open discharge assume zero [ 0 ])

$$Q = \frac{(8.8) \times (5.0) \times (0.70)}{[ (95) + (40 \text{ } 60 \text{ } \times 2.31) ]} = \frac{0.13}{0.13}$$

## LIFT FROM:

measurement ( )

owner ( )

area estimate (X)

well logs (X)

Booster (Y) (N)

## PSI FROM:

measurement ( )

owner (X)

estimate ( )

owner gage (X)

## NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

STA-RITE 5 HP.

REMARKS

## ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum =  $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

| (season)     | (days) |                |
|--------------|--------|----------------|
| 3/15 - 11/15 | 246    | ( <u>246</u> ) |
| 4/1 - 11/1   | 215    | ( <u>215</u> ) |
| 4/15 - 10/15 | 184    | ( <u>184</u> ) |
| 3/1 - 12/1   | 276    | ( <u>276</u> ) |

POTENTIAL = 13.8

REQUIRED Acre Feet/Acre/Annum = 4

(AF/Ann/Ac irrigation requirement from chart for area)

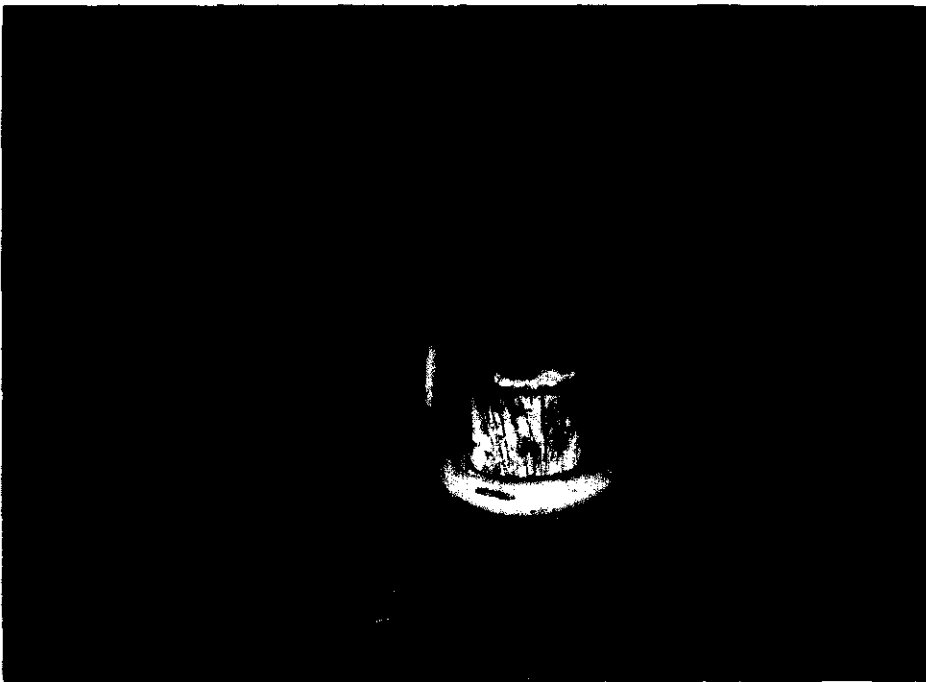
\*\*\*NOTE that this is NOT Consumptive use\*\*\*

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY (X)

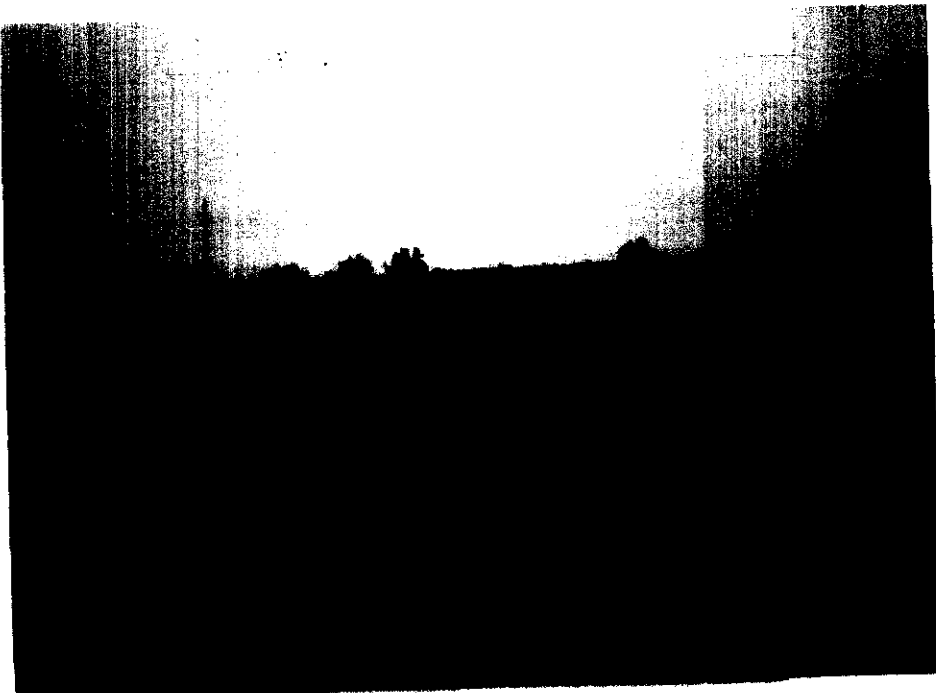
IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ( )

OCT 03 1996

PERI 56-08535 INIT det  
T. R. S. Q/Q  
P/D 85 16E 35 SW/50  
SCALE \_\_\_\_\_  
PHOTO ID. \_\_\_\_\_



P/D.



P/U  
Looking  
NE

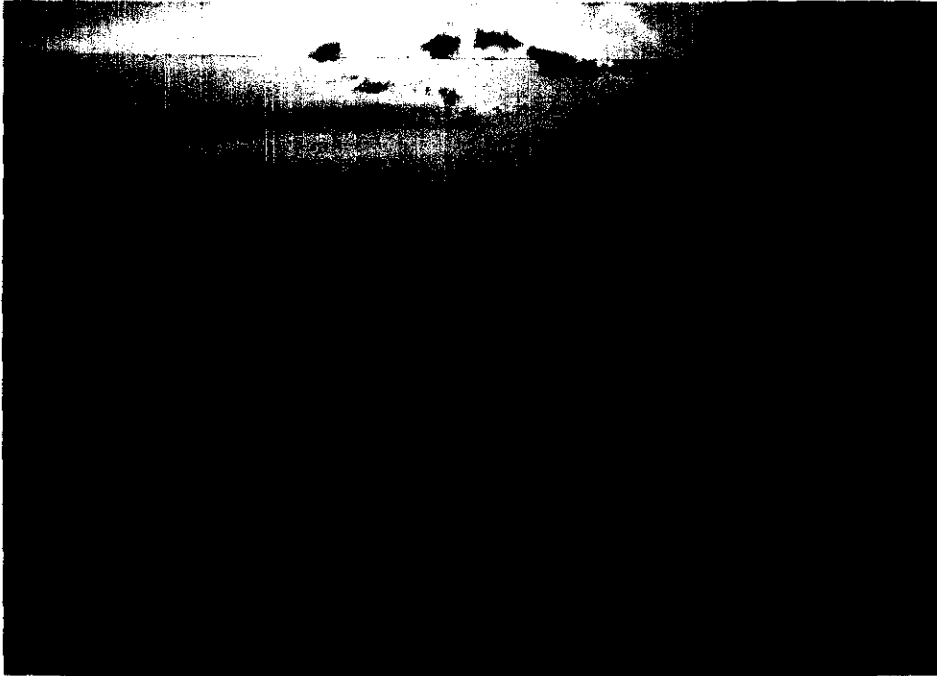
OCT 03 1996

36-8535

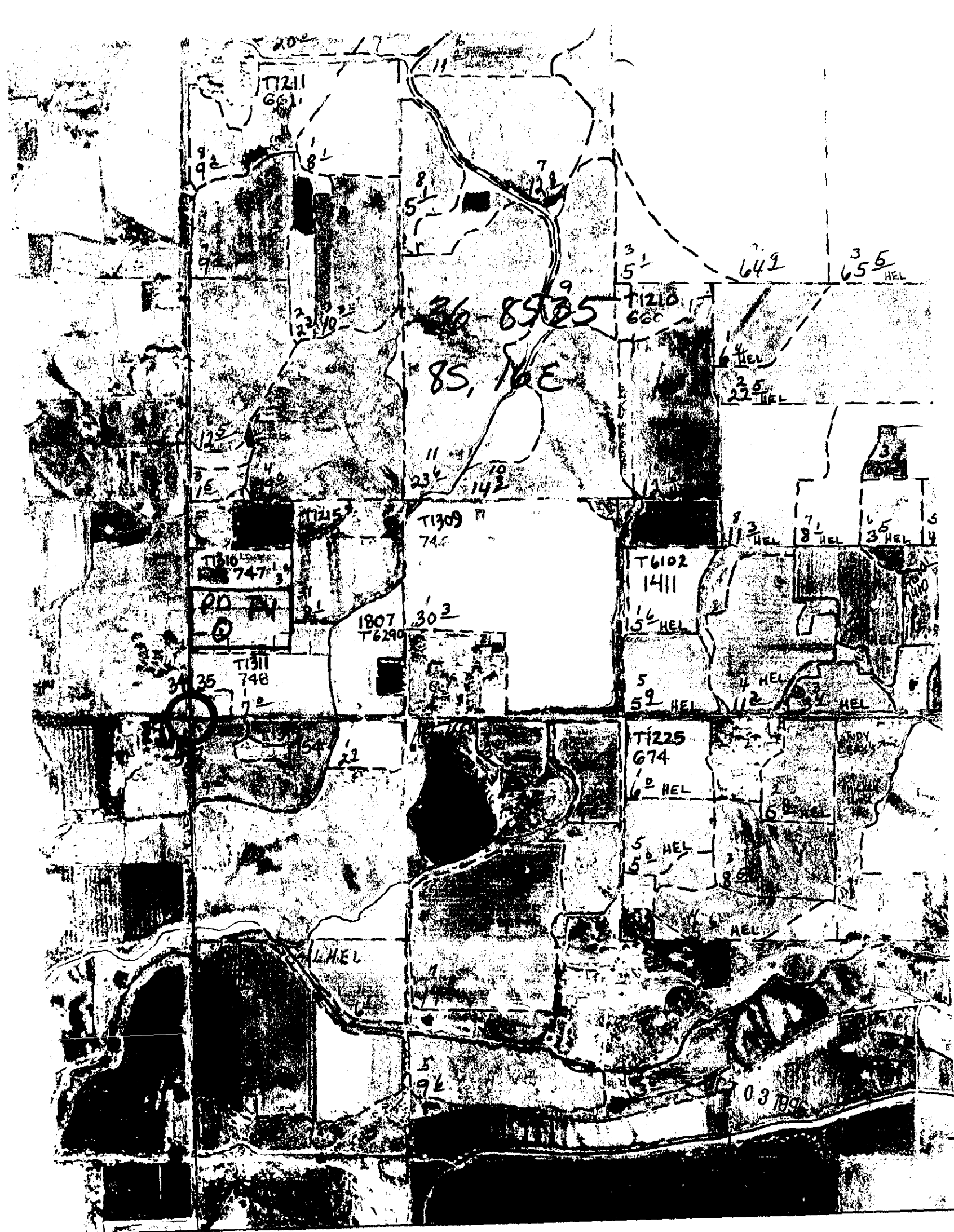
PM

hay field →

yard →



OCT 03 1996



February 26, 1991

BYRON LYONS  
MARILYN A. LYONS  
286 S. 200 W.  
JEROME, ID 83338

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 36-08535

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the SOUTHERN Regional Office in Twin Falls at (208)734-3578.

Sincerely,

Rita Fleck  
Secretary/Records Manager

c: IDWR - Region

RECEIVED  
MAR 1 8 1991

S T A T E   O F   I D A H O  
D E P A R T M E N T   O F   W A T E R   R E S O U R C E S

-----

Statehouse  
Boise, Idaho 83720  
(208) 327-7900  
July 13, 1990

BYRON LYONS  
MARILYN A. LYONS  
286 S. 200 W.  
JEROME, ID 83338

P E R M I T   A P P R O V A L   N O T I C E

RE: PERMIT NO.      P36-08535

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed for your convenience is a form entitled "Proof of Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

**MICROFILMED**

JUL 23 1990

Sincerely,

GARY SPACKMAN, Supervisor  
Water Right Permits Section

GS: SC  
Enclosures

**MICROFILMED**

JUL 23 1990

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
State Office  
1301 North Orchard St.

---

Statehouse Mail  
Boise, Idaho 83720  
(208) 327-7900

MAY 29, 1990

Northside News  
Box 468  
Jerome, ID 83338

Dear Legal Dept.:

Enclosed you will find legal notices which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JUNE 25, 1990.

Yours truly,

SHARLA CURTIS  
Secretary

Encl.

microFILMED

JUL 23 1990

NOTICE OF APPLICATION FOR TRUST WATER RIGHT

36-08535

LYONS, BYRON  
LYONS, MARILYN A.  
286 S. 200 W.  
JEROME, ID 83338

Source: GROUNDWATER

Diversion Pt: NWSWSW Sec 35 T 08S R 16E

Use: IRRIGATION ( .120 CFS)  
DOMESTIC ( .040 CFS)  
Total Diversion: ( .160 CFS)

Date Filed: 4/12/ 1990

In: T08S R16E S35 SWSW

4.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Statehouse Mail, Boise, Idaho 83720 on or before JUNE 25, 1990.

Published 6/ 6/1990 & 6/13/1990

R. Keith Higginson, Director

MICROFILMED

JUL 23 1990

MEMORANDUM

TO: FILE

FROM: TIM LUKE

RE: SWAN FALLS PROCESSING  
APPLICATION NO.S 36-8535, 36-8537, & 36-8522

DATE: 5-18-90

-----

Three separate applicants who have filed applications which are identified by the numbers above have requested that these filings be processed out of sequence. The applicants claim in each case that the development represented by the applications were developed prior to October of 1984. Each application contains a domestic component and irrigation component of 4 to 5 acres.

In reviewing the applications, I believe there is sufficient evidence showing irrigation of the lands prior to October, 1984. I therefore recommend that the applications may be processed out of sequence. Due to the late filing dates though, trust conditions are applicable to each of these filings. Advertising will be completed by the state office.

**MICROFILMED**

JUL 23 1990

14-May-1990

BRYON &/OR MARILYN LYONS  
286 SOUTH 200 EAST  
JEROME ID 83338

Re: Application for Permit No. 36-08535

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

Because your application claims development prior to October 1, 1984, advertising and processing will occur at our State Office. Before we can forward your application, we need the following additional information: evidence of development prior to October 1, 1984 such as ASCS area photos predating 1984 with a signed statement from an ASCS agent or power bills predated October 1, 1984 for meter specifically servicing pump and/or any other convincing evidence.

Please feel free to contact this office if you have any questions regarding this procedure.

Very truly yours,

Gary Funderburg  
Sr. Water Resource Agent

GF:MB

**MICROFILMED**  
JUL 23 1990

INTER-DEPARTMENT MEMO — 1

FROM Jim

DATE 4-12-90

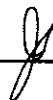
TO File

SUBJECT App. for permit, Byron Lyons

I assisted applicant with filing. Mrs. Lyons was told that proof of prior development was needed in order for application to be processed.

**MICROFILMED**

JUL 23 1990



SIGNATURE