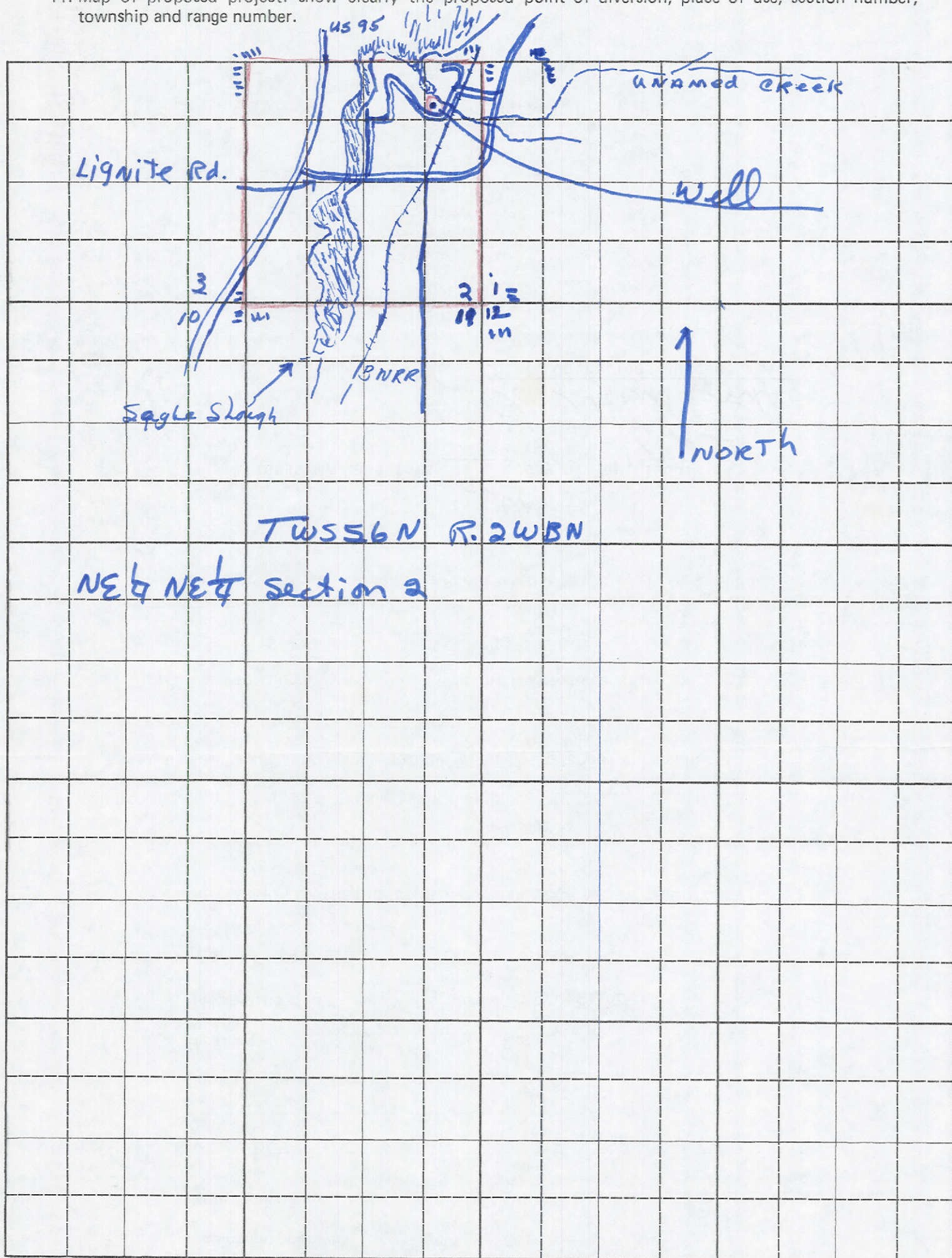


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

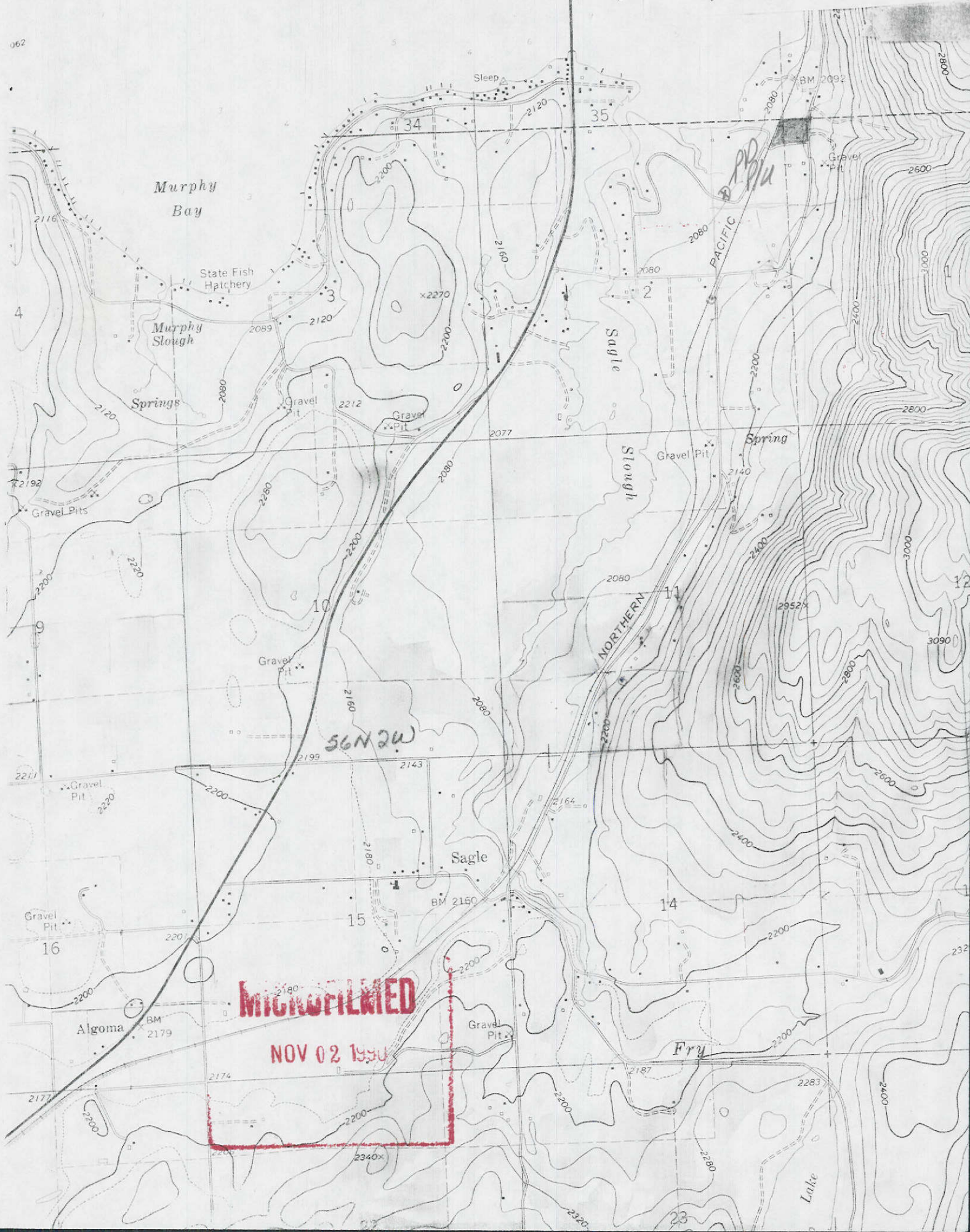
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

MICROFILMED

Carroll J. Hinsel
(Applicant)

RIVER

96-8144



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant CONRAD B. Gissel Phone 263 3212

Post office address RT. 1, Box 54, Sagle Idaho 83860

2. Source of water supply GROUND WATER which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 2 Township 56N

Range 2W B.M. BONNER County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

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

Amount 0.03 for Commercial purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for Heating 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:

a. 0.08 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 6" well 180' deep
1 hp submersible pump, pressure tank, boiler, 675'
1 1/4" pipe, 800' 2" pipe 500' 3/4" pipe 200' 1" pipe Hydroponic green house

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 6" inches; proposed depth of well is 180' feet.

→ 7. Time required for the completion of the works and application of the water to the proposed beneficial use is in use years (minimum 1 year - maximum 5 years). - Allow - 1-JK-2-10-83

→ 8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 2 Township 56N
Range 2W B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served 1 family, or number of families to be supplied with domestic water 1.

→ (5) If water is to be used for other purposes describe: Commercial
GREEN HOUSE
Produce production on 120'x30'x16'x20' for a
total of 3920 sq ft.

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08144

Priority: February 22, 1983

Maximum Diversion Rate:
Maximum Diversion Volume:¹

0.03 CFS
4.2 AF

This is to certify, that CONRAD F. GISSEL

RT. 1 BOX 54

SAGLE, ID 83860

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 22, 1983; and has submitted Proof of Beneficial Use on February 22, 1983. An examination indicates that the works have a diversion capacity of .030 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>
COMMERCIAL	01/01 to 12/31	0.03 CFS	3.6 AF
DOMESTIC	01/01 to 12/31	0.03 CFS	0.6 AF
	Totals	0.03 CFS	4.2 AF

LOCATION OF POINT(S) OF DIVERSION:

NENE, Sec. 2, Township 56N, Range 02W
BONNER County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

56N 02W 2 NENE

PLACE OF USE: DOMESTIC, same as COMMERCIAL use

CONDITIONS/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. Commercial use is for a greenhouse; domestic use is for 1 home.

MICROFILMED

NOV 02 1990

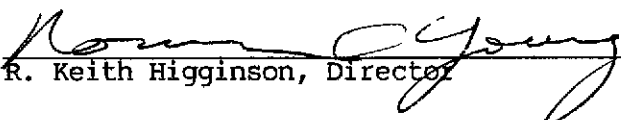
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08144

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 27TH
day of OCTOBER, 1990.

Acting for


R. Keith Higginson, Director

MICROFILMED

NOV 6 2 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant CONRAD F. GISSEL Phone 263-3212

Post office address RT. 1, Box 54, Sagle, Idaho, 83860

2. Source of water supply GROUND WATER which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 2 Township 56 N

Range 2W B.M. BONNER County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

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

Amount 0.03 for COMMERCIAL* purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.01 for HEATING 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)

5. Total quantity to be appropriated:

a. 0.08 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 6" well, 180' deep
1 Hp. SUBMERSIBLE pump, pressure TANK, Boiler, 675' 1 1/4" pipe,
800' 2" pipe, 600' 3/4" pipe, 200' 1" pipe, Hydroponic GREEN House

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. ~~Proposed~~ well diameter is 6" inches; ~~proposed~~ depth of well is 180' feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 2 Township 56 N
Range 2W B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 1.

(5) If water is to be used for other purposes describe: COMMERCIAL* Hydroponic
GREEN House 120' x 30', 16' x 20' TOTAL 3920 Sq. Ft.
1 - 315 M BTU HOT WATER Boiler 600 GAL. CAPACITY

* (Green House is whole sale production unit as opposed to retail commercial unit.)

RECORDED

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
56N	2W	2	X																120'x30'
																			16'x30'
																			(GREEN HOUSES)

Total number of ~~acres~~ to be irrigated 3920 sq.ft.
OF GREEN HOUSES

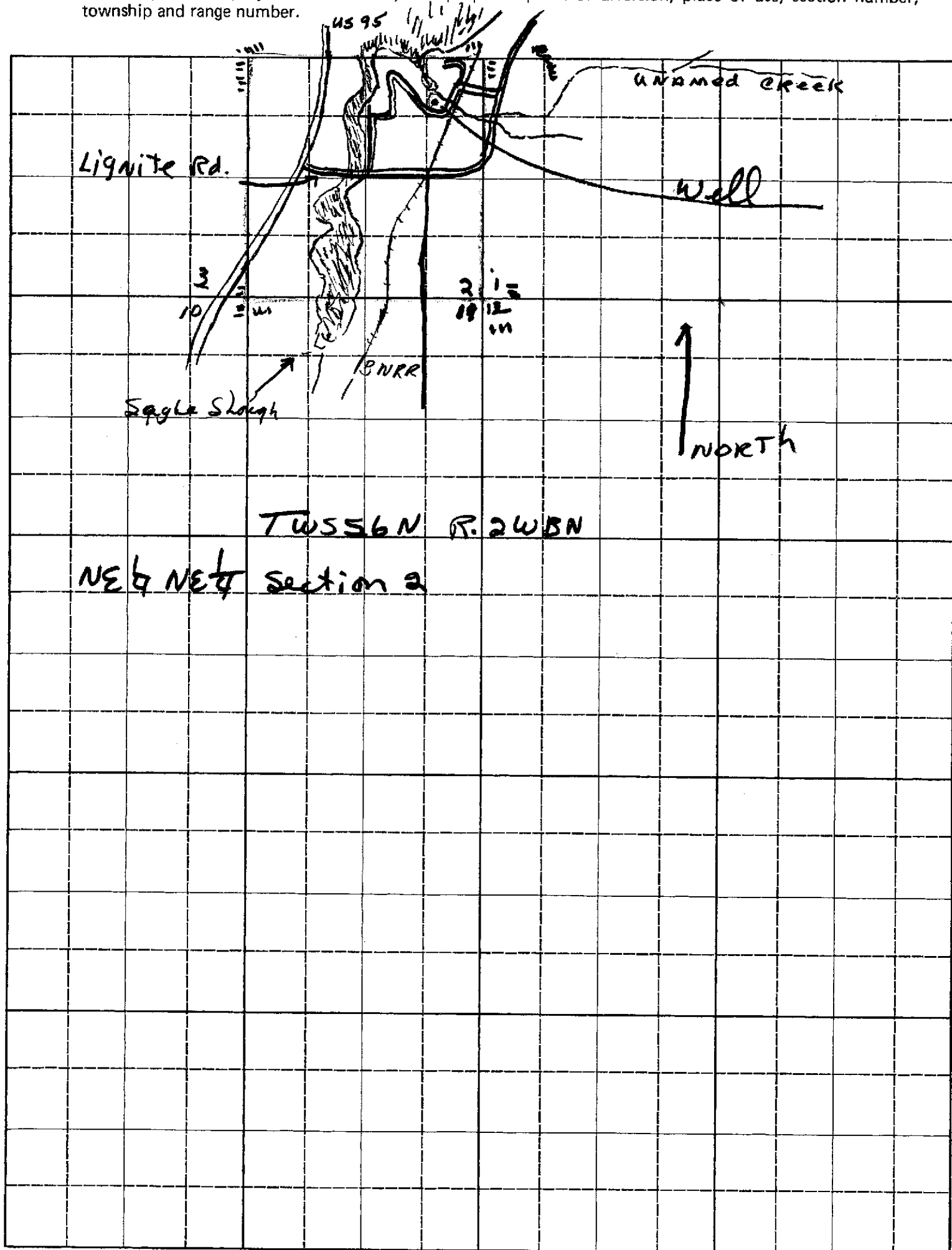
c. Describe any other water rights used for the same purposes as described above.
None

9. a. Who owns the property at the point of diversion
CONRAD F. GISSER
- b. Who owns the land to be irrigated or place of use
CONRAD F. GISSER
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks
Boiler system - 315 M.B.T.U. 600gal.
Closed HOT WATER SYSTEM for domestic
AND green House HEAT.
Green House Hydroponic veg-PLANTS
TREES ect. whole sale production unit
approximately 500gal per day. 3920 sq.ft
Domestic 7 person Home. 3600sqft



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



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.

RECORDED

Carroll J. Gissel
(Applicant)

Proposed Priority 2/22/1983

Received by RBA Date 2/22/83 Time 12:00 PM
Preliminary check by JA Fee \$ 30.00
Receipted by JA Date 2/22/83 (24916)
Publication prepared by JA Date 2/24/83
Published in Argonaut Bee
Publication dates 3/22-9/83
Publication approved JA Date 4/8/83
Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by RBA RC

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. 96-8144, and said application is hereby APPROVED.

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 June 1, 19 84.
- 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. Other:

Witness my hand this 9th day of May, 1983.

L. Glen Saylor
Chief, Operations Bureau

MICROFILMED

AFFIDAVIT OF PUBLICATION

State of Idaho

ss.

County of Bonner,

Pete Thompson being first duly sworn on oath deposes and says that he is publisher of the Sandpoint Daily Bee, and News Bulletin, newspapers printed and published at Sandpoint, in Bonner County, Idaho; that the said newspapers have been continuously and uninterruptedly published in said Bonner County during a period of 12 months prior to the first publication of the hereto attached notice of publication in the case of _____

Legal notice

as it was published in the regular and entire issue of the said paper for a period of 2 consecutive weeks, commencing on 2 day of 3, 1983 and ending on the 9 day of 3, 1983 and that said notice was published in said newspaper.

Pete Thompson

Subscribed and sworn to before me this 4 day of April, 1983.

Dee M Thompson

Notary Public for Idaho,

Residing at Sandpoint, Idaho

RECEIVED
APR 12 1983

Department of Water Resources
Bozeman, Montana

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

96-8143

BASLINGTON, DONALD W.
P.O. BOX 1167, HAYDEN LAKE, ID 83835

Source: BODANSTEIN CREEK trib. to RAPID LIGHTNING CREEK

Date Filed: 02/18/1983

Diversion Pt: LOT 04 Sec 01 T58N R 01E

Use: IRRIGATION (0.03 CFS)

STOCKWATER (0.02 CFS)

POWER (0.10 CFS)

DOMESTIC (0.04 CFS)

In: LOT 04 Sec 01 T 58N R 01E FOR 1 ACRES

96-8144

GISSEL, CONRAD F.
RT. 1 BOX 54, SAGLE, ID 83860

Source: GROUNDWATER

Date Filed: 02/22/1983

Diversion Pt: NENE Sec 02 T 56N R 02W

Use: COMMERCIAL (0.03 CFS)

HEATING (0.01 CFS)

DOMESTIC (0.04 CFS)

In: NENE Sec 02 T 56N R 02W

96-8145

GISSEL, CONRAD F.
RT. 1 BOX 54, SAGLE, ID 83860

Source: UNNAMED STREAM trib. to PEND OREILLE LAKE

Date Filed: 02/09/1983

Diversion Pt: NENE Sec 02 T 56N R 02W

Use: IRRIGATION (0.10 CFS)

In: NENE Sec 02 T 56N R 02W FOR 5 ACRES

96-8146

JOHNSON, GENE
HCR 66 BOX 173, SAGLE, ID 83860

Source: MIRROR CREEK trib. to PEND OREILLE LAKE

Date Filed: 02/14/1983

Diversion Pt: NESE Sec 06 T 55N R 01W

Use: IRRIGATION (0.02 CFS)

In: NESE Sec 06 T 55N R 01W FOR 1 ACRES

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov't. Way, Coeur d'Alene, Id. 83814 on or before MARCH 21, 1983.

KENNETH DUNN

Director

Published March 2, 9, 1983

Dept. of Water Resources

RECEIVED

March 19, 1991

RE: Water Right No. 96-08144

David M. Lewis
Nancy J. Lewis
P.O. Box 608
Sandpoint, ID 83864

Dear Water Right Holder (s):

We are in receipt of the correspondence concerning ownership of the above referenced water right.

In Idaho, a licensed water right is considered real property; therefore, proof of owning the land is proof of owning the water right unless specifically excluded in the sale. We have placed your correspondence in the file for future reference and have changed our computer records to show you are the present owners of the property.

Enclosed is a copy of the license for your records.

If you have any questions, please let us know.

Sincerely,

SHARLA CURTIS
Technical Records Specialist

SC:blm

Enclosure

MICROFILMED

MAR 22 1991

State of Idaho

Department of Water Resources

ASSIGNMENT OF PERMIT

I, Conrad F. Gissel, hereby assign to David M. and Nancy J. Lewis

of 1215 Birch Haven Eagle Idaho (Please mail to P.O. Box 108 Sandpoint)
Address 43364

All my right, title, and interest in and to Permit No. 96-08144
to appropriate the public waters of the State of Idaho.

The following described portion of my right, title, and interest in and
to Permit No. _____ to appropriate the public waters of the
State of Idaho.

(Describe that portion of the permit being assigned by listing the acreage
within each 40 acre subdivision, the point of diversion and the amount of
water in cubic feet per second for direct diversion, or acre feet for storage)

Made this 25th day of February, 1991.

Conrad F. Gissel
Permit Holder

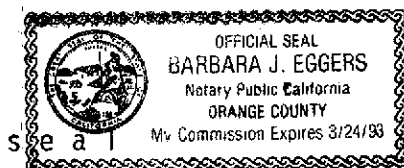
Larae Gissel
Spouse of Permit Holder

MICROFILMED

State of Idaho California ss
County of Orange

MAR 22 1991

On this 25 day of February, 1991, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged
to me that he (she) (they) executed the same.



Barbara J. Eggers

Notary Public residing at

25381-G Redwood PKwy

Laguna Hills Ca 92653

My commission expires: 3/24/93

RECEIVED
MAR 11 1991

Department of Water Resources

P.O. Box 608
Sandpoint, Idaho 83864
March 4, 1991

Brenda L. Miller
State of Idaho
Dept. of Water Resources
1301 North Orchard St.
Statehouse Mail
Boise, Idaho 83720-9000

RE: PERMIT NO. 96-08144

Dear Ms. Miller,

Enclosed please find the notarized Assignment of Permit from Conrad Gissel to myself. Sorry for the delay, but it was just recently returned to me from Mr. Gissel.

Sincerely,

David M. Lewis
David M. Lewis

Enc/
DML/nl

MICROFILMED

MAR 22 1991



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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

December 5, 1990

David Lewis
P.O. Box 608
Sandpoint, ID 83864

RE: PERMIT NO. 96-08144
In the name of Conrad F. Gissel

Dear Mr. Lewis:

The above referenced water right is in the process of being licensed. However, according to the Bonner County Assessor's Office, you purchased the property in 1987 from Conrad F. Gissel. There has never been an Assignment of Permit form completed transferring ownership to you. An assignment needs to be done before we can license the permit in your name.

I am enclosing an Assignment of Permit form for Mr. Gissel to complete assigning the permit to you.

If you have any questions, please call our office.

Sincerely,

Brenda L. Miller

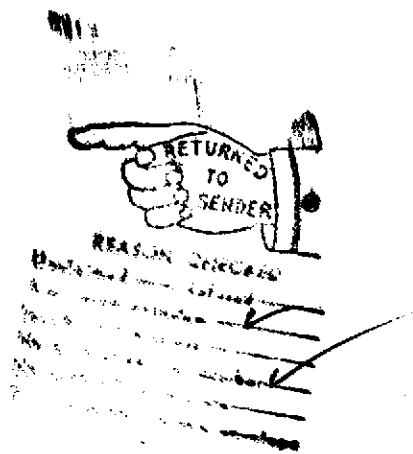
Brenda L. Miller

Enclosure

MICROFILMED

MAR 24 1991

STATE OF IDAHO
DEPT. OF WATER RESOURCES
1301 N. ORCHARD
BOISE, IDAHO 83706



RECEIVED
NOV 8 1990

Department of Water Resources

Conrad F. Gissel
Rt. 1 Box 54
Sagle, ID 83860

RECEIVED
MAR 22 1991

October 31, 1990

CONRAD F. GISSEL
RT. 1 BOX 54
SAGLE, ID 83860

RE: WATER RIGHT NO. 96-08144

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

MICROFILMED

NOV 02 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

1341 North Orchard Street
Boise, Idaho 83706-2237

PLEASE PRINT
Hazardous Waste Site
Address: _____
City: _____
State: _____
Zip: _____
Do not remove this equipment

RECEIVED
MAY 29 1990
Department of Water Resources

RECEIVED
MAY 22 1990
MAY 29 1990

As per filecom w/assessor's
Office 10/17/90:
[redacted] not listed
as property owner



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

May 21, 1990 DIRECTOR

CONRAD F. GISSEL
RT. 1 BOX 54
SAGLE, ID 83860

RE: PERMIT NO. 96-08144

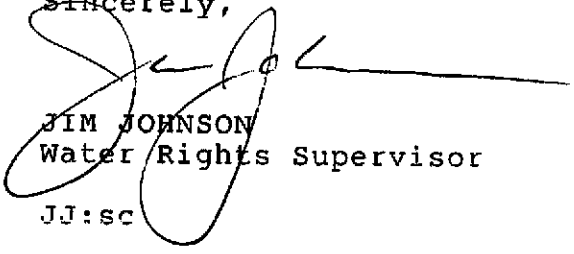
Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,



JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

WATER RIGHT NO. 96-08144

Priority: February 22, 1983

Maximum Diversion Rate:

0.03 CFS

Maximum Diversion Volume:¹

4.2 AF

This is to certify, that CONRAD F. GISSEL

RT. 1 BOX 54

SAGLE, ID 83860

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 22, 1983; and has submitted Proof of Beneficial Use on February 22, 1983. An examination indicates that the works have a diversion capacity of .030 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>
COMMERCIAL	01/01 to 12/31	0.03 CFS	3.6 AF
DOMESTIC	01/01 to 12/31	0.03 CFS	0.6 AF
	Totals	0.03 CFS	4.2 AF

LOCATION OF POINT(S) OF DIVERSION:

NENE , Sec. 2, Township 56N, Range 02W
BONNER County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

56N 02W 2 NENE

PLACE OF USE: DOMESTIC, same as COMMERCIAL use

CONDITIONS/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. Commercial use is for a greenhouse; domestic use is for 1 home.

WATER RIGHT NO. 96-08144

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 _____
day of _____, 19____.

R. Keith Higginson, Director

May 21, 1990

CONRAD F. GISSEL
RT. 1 BOX 54
SAGLE, ID 83860

RE: PERMIT NO. 96-08144

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED

NOV 02 1990

MEMORANDUM

TO: ROXANNE
FILE/PERMIT NO. 96-8144

FROM: TIM LUKE

RE: FIELD EXAM REVIEW

DATE: 3-9-90

There is some lack of detail in the exam concerning water use operation in commercial greenhouse. On original application, applicant claimed greenhouse use is limited to only 500 gallons/day. He further describes heating in greenhouse using closed system hot water boiler. Neither the application or the exam show that the water source is thermal. Cold water is diverted into closed boiler system and is then heated. The license should not show heating as a beneficial use as suggested by examiner.

Theoretical rate of diversion calculation as per exam is 0.03 cfs. Using this rate continuously for 4 hours/day over 365 days per year yields an annual volume of 3.6 acre-feet (3 times more than annual volume based on 500 gal/day). This volume estimate appears to be more reasonable than that provided on exam and would be adequate to include use associated with closed boiler system.

Recommend licensing as follows:

	Q RATE	VOLUME
Domestic	0.03 cfs	0.6 afa
Commercial	0.03 cfs	3.6 afa

total	0.03 cfs	4.2 afa

MICROFILMED

NOV 02 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water

Permit No. _____

96-8144

Phone No.

263-3212

1. Owner: Conrad Gisset Phone No. 263-3212
Current Address: REI Box 54, Sagle, Id. 83860
2. Accompanied by: Mrs Gisset EXAM. DATE: 7/18/84
Address: _____ Phone No. _____
Relationship to Permit Holder: Spouse
3. Source: GW tributary to _____

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		/			SURMERS

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. System Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
6" Well, 180' deep with submersible pump & pipe to pressure tank then to home
& green house (20x50' & 16x20' = 3920' sq)

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calb. Date
<i>None</i>						

7. Measurements ☐ Additional data/computation sheets attached

$$\frac{8.8(1) 80\%}{2.33(20) + 180} = 0.03 \text{ cfs cap.}$$

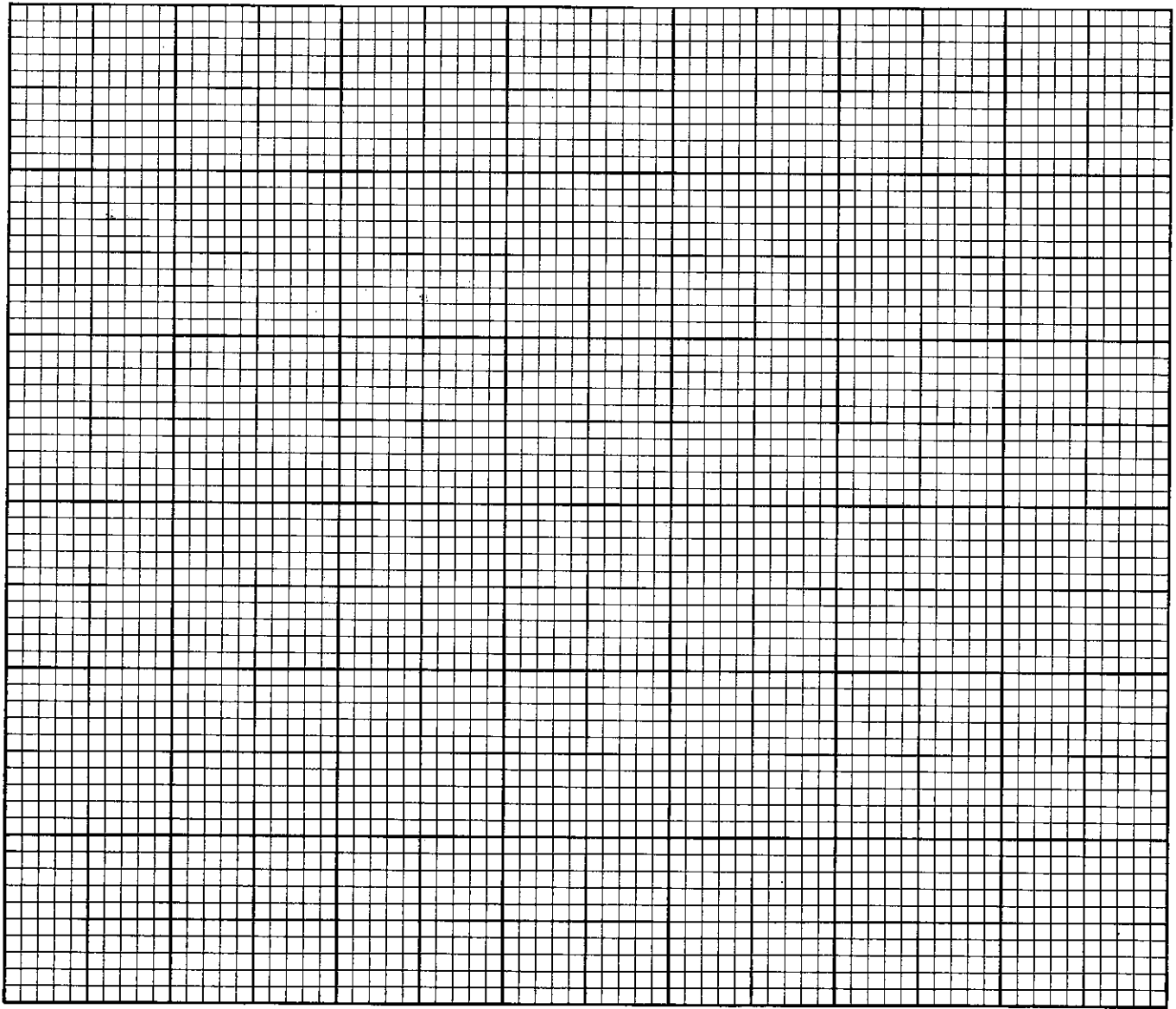
8. Point(s) of Diversion: Indicate Method of Determination *1110*

[illegible]

- [illegible]

10. Other water rights on these lands 96-8145
11. Other water right diverted from same p.d. none

12. **Diversion and Delivery System Diagram:** Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



13. ☐ Photo of Diversion & System Attached ☒ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached

14. Remarks _____

15. 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 |

16. Examiner's/Consultant's Signature *[Signature]* Date 7/17/84

Consultant's License Number _____

IDWR Director's Authorization to Conduct Beneficial Use Examination _____

Date **MICROFILMED**
Nov 18 1990
CONSULTANT SEAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED
AUG 16 1984

96-8144
Permit No.

Department of Water Resources

1. Measurement Calculations

- a) Field Measurement Calculations (Include theoretical capacities and system capacity)

SEE FORM 219A ITEM 7 & 9

IRRIGATION 0.02 cfs/acre MEMO SEPT 19, 1979 (Round 0.1 AC to 1 AC)

HEATING 0.61 cfs - Applied Per.
(Greenhouse & Domestic)

Domestic 0.03 cfs - MEMO MAY 13, 1981

$$0.03 (1.9835) 365 = 21.7 \text{ AFA}$$

- b) Volume Calculations for Irrigation:

$$\begin{aligned} V_{I.R.} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{(0.1) 3 - .3}{1.9835} \\ V_{D.R.} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{1.9835 (365) 0.03}{1.9835} = 21.7 \\ V &= \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 0.3 \text{ AF} \end{aligned}$$

- c) Volume Calculations for Other Uses:

$$\text{IRRIGATION } \frac{3.0 \text{ IRR. REQ}}{246 \text{ DAYS IN SEASON}} = 0.012 \text{ AF/day (365)} = 4.5 \text{ AFA}$$

$$\begin{aligned} \text{HEATING } & 1.9835 (303) 0.01 = 6.0 \text{ AFA} \\ & \text{(Greenhouse \& Domestic)} \end{aligned}$$

$$\text{DOMESTIC ONE HOME @ } 0.6 \text{ AF}$$

2. Overlap Review

- a) Other water rights with same place of use: 96-8145
- b) Other water rights with same point of diversion: NONE
- c) Analysis: 96-8145 For irrigation of EXTERIOR GROUNDS

MICROFILMED

NOV 2 1990

RECOMMENDED AMOUNTS

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity
----	------------	----------	--------	-----------	----------------------	-----------------

4. Permit Holder: _____
Address: _____

5. Source: _____ tributary to _____

6. Beneficial Use

Beneficial Use	Period of Use From	To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
Irrigation	1-1	12-31	0.03	4.5
DOMESTIC (I)	1-1	12-31	0.03	0.6
HEAT (GREENHOUSE AND HOME)	9-1	6-30	0.01	6.0
Allowable Maximums:			0.03	11.1

7. Point(s) of Diversion:

No.	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County

8. Place(s) of Use

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	
Total Acres _____																			

9. Recommended Conditions/Remarks: _____

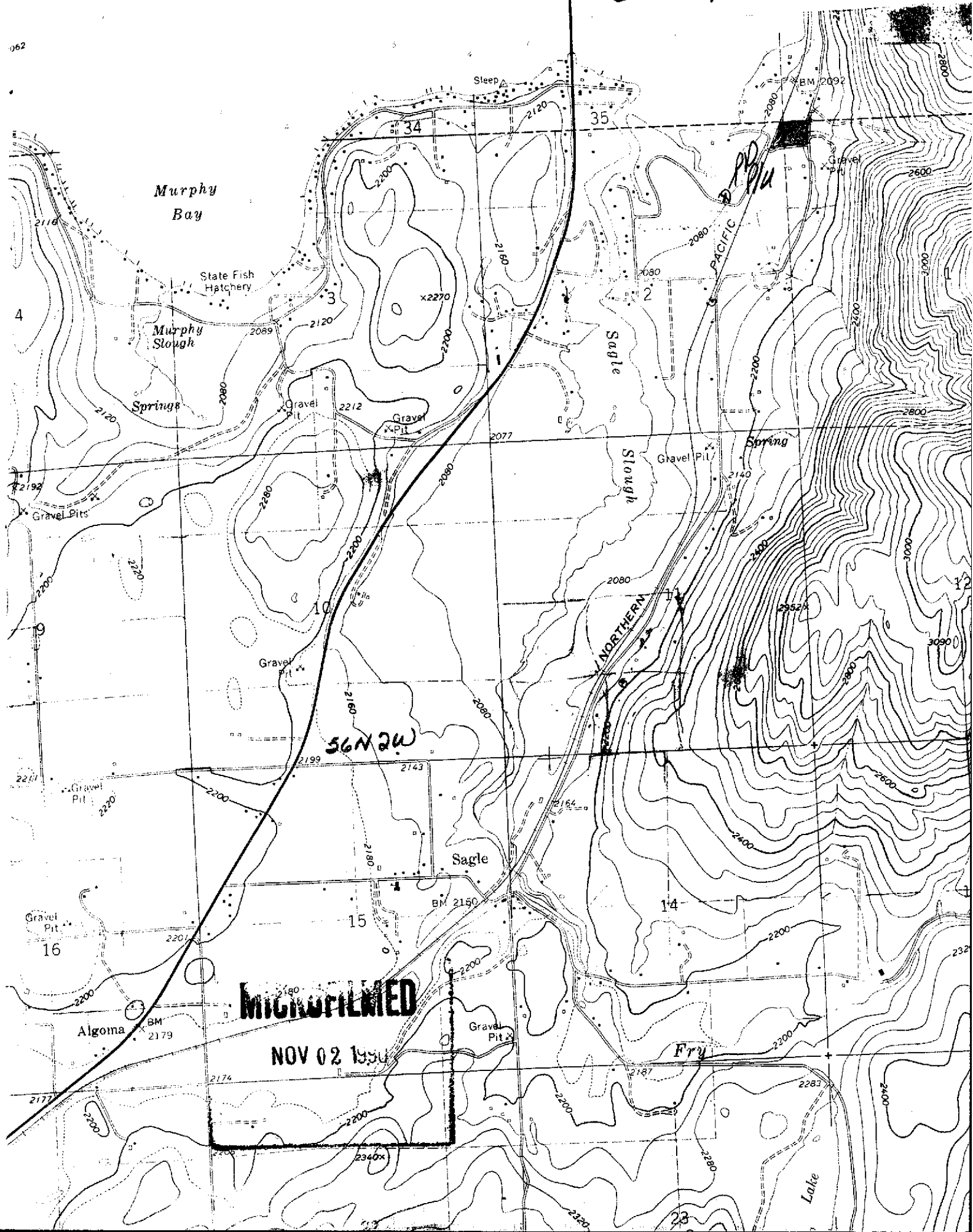
MICROFILMED
NOV 02 1990

10. 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 _____

11. Examiner's Signature Tom Hines Date 8/7/84
Checked in Regional Office by Bob Dwyer Date 8/8/84
Approved in State Office by _____ Date _____

96-8144

1762



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Northern Region

JOHN V. EVANS
Governor
A. KENNETH DUNN
Director

4055 Government Way
Coeur d'Alene, ID 83814
(208) 667-6484

APRIL 24, 1984

CONRAD F. GISSEL
RT. 1 BOX 54
SAGLE ID 83860

RE: Permit No. 96-8144

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a Water Right License can be issued, a field examination must be made by a representative of this department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 667-6484 or in person at our office.

Sincerely,

/s/
TOM D. KING
Senior Water Resource Agent

cc: IDWR - State Office

MICROFILMED

NOV 02 1990

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 96-8144.

Name(s) of Permit Holder: Conrad F Gissel

Post Office Address: Rt 1 Box 54

Sagle ID 83860 Tel. No. 263-3212

Source of Water: Groundwater

Extent of Use: ☒ Domestic (number of households)
☐ Stockwater (number and type of stock)
☐ Irrigation (acres)
☒ Other Heating Commercial

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No
Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

2/27/83 Date
Conrad F Gissel Signature of Permit Holder

RECEIVED

PLACE
TEN CENT
STAMP
HERE

FEB 22 1983



Department of Water Resources
Northern District Office

MICROFILMED

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

S T E O F I D A H O
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

GISSEL, CONRAD F.
RT. 1 BOX 54
SAGLE, ID 83860

MAY 25, 1983

RE: PERMIT NO. 96-8144

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE

RECORDED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: R

APPLICATION NUMBER: 96-8144

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☒ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department. Copies sent by: _____ Date: _____
☐ Idaho Fish and Game Department. _____
☐ Idaho Department of Lands. _____
☐ U.S. Bureau of Land Management. _____
☐ U.S. Forest Service. _____
☐ Other _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
Final date for protests: 3/21/83
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 4/12/83
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
2/22/83 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: per A

Date: 4/20/83

STATE OFFICE REVIEW:

Sh/ocord

- ☐ See attached sheet for more information.

By: per A

Date: 5/5/83

RECEIVED

MAY 04 1983

Department of Water Resources

MICROFILMED

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

MICROFILMED

96-8144-

GISSEL, CONRAD F.

RT. 1 BOX 54, SAGLE, ID 83860

Source: GROUNDWATER

Date Filed: 02/22/1983

Diversion Pt: NENE Sec 02 T 56N R 02W

Use: COMMERCIAL (0.03 CFS)
HEATING (0.01 CFS)
DOMESTIC (0.04 CFS)

In: NENE Sec 02 T 56N R 02W

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
~~C. Stephen Aubrey~~
Director

Suite No. 1
4055 Government Way
Coeur d'Alene, Idaho 83814
(208) 667-6484

February 10, 1983

Mr. Conrad F. Gissel
Rt. 1 Box 54
Sagle, Id. 83860

Dear Mr. Gissel:

I am returning your Check No. 92-27 in the amount of \$60.00 and your two Applications for Permit for clarification.

The maps on both applications indicate that the two points of diversion and all places of use are located within the SWNE, Sec. 2, but Item Nos. 3, 8a1 and 8b all list the points of diversion and places of use within the NENE, Sec. 2. Please change whatever is necessary to make these items correspond.

On your application for groundwater, you must list each use separately along with the rate of diversion required for each use. I have listed the maximum rate of flow allowable for the greenhouses and the usual rate for domestic purposes. I could not list a rate of diversion for the heating, since I am not familiar with your system. However, most water systems are designed to produce a sufficient amount of water for 24 hours of demand with a pumping time of two hours. If the boiler has a capacity of 500 gallons, it could be filled within two hours with a diversion rate of 0.01 cfs.

I have taken the liberty of adding some information on a few items. I have marked those items in the left-hand margin with an arrow. If you do not agree with any of the changes, please correct them to your satisfaction and return the application and fee to this office.

If you need any assistance, please do not hesitate to contact me at this office.

Sincerely,

TOM D. KING
Senior Water Resource Agent

TDK/pms

Enc. - Check
Applications (2)

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Conrad F. Gissel Phone 263 3212

Post office address RT. 1, Box 54, Sagle Idaho 83860

2. Source of water supply GROUND WATER which is a tributary of _____

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 2 Township 56N

Range 2W B.M. BONNER County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

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

Amount 0.03 for Commercial purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for Heating 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:

a. 0.08 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 6" well 180' deep
1 hp submersible pump, pressure tank, boiler, 615'
1 1/4" pipe, 800' 2" pipe 500' 3/4" pipe 200' 1" pipe Hydroponic green house

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. ~~Proposed~~ well diameter is 6" inches; ~~proposed~~ depth of well is 180' feet.

→ 7. Time required for the completion of the works and application of the water to the proposed beneficial use is in use years (minimum 1 year - maximum 5 years). - Allow - 1-JK-2-10-83

→ 8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 2 Township 56N
Range 2W B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served 1 family, or number of families to be supplied with domestic water 1.

→ (5) If water is to be used for other purposes describe: Commercial Green House
Produce production 120'x30'x16'x20' for a
total of 3920 sq ft.

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
56N	2W	2	X																120' x 30' 16' x 20' / 19 Acres 1/4

Total number of acres to be irrigated 3920 sq ft
Green House

→ c. Describe any other water rights used for the same purposes as described above.

NONE

9. a. Who owns the property at the point of diversion CONRAD & GISSER

b. Who owns the land to be irrigated or place of use CONRAD & GISSER

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

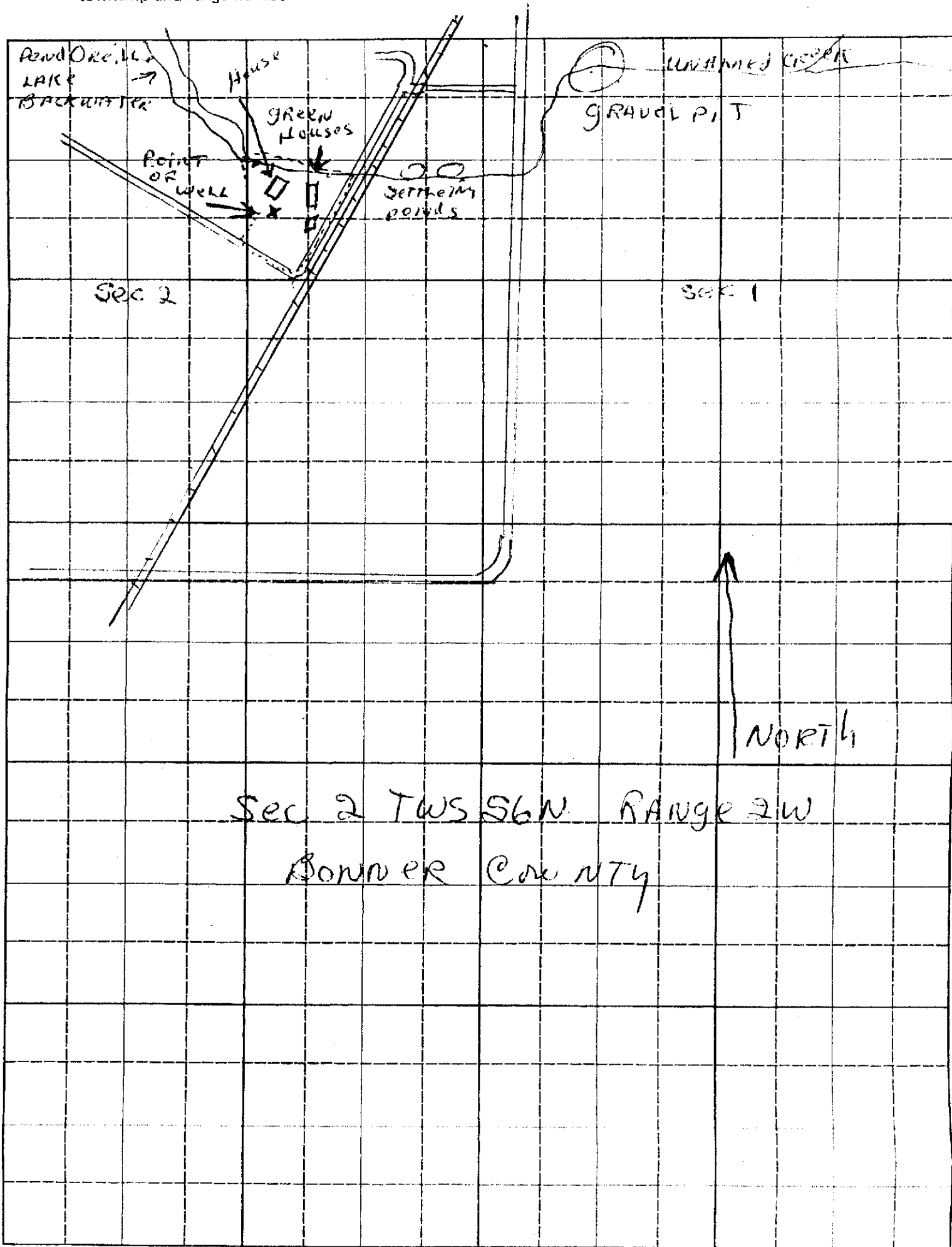
10. Remarks Boiler system closed water system

APPROXIMATELY 600 GAL.

APPROXIMATELY 500 GAL PER DAY USAGE IN
GREEN HOUSE PRODUCTION.

7 person family, Home, 3600 sq ft Home

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



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.

Armad J. Hessel
(Applicant)

Received by RWH Date 2/9/83 Time 12:30 PM

Preliminary check by _____ Fee \$ _____

Receipted by _____ Date _____

Publication prepared by _____ Date _____

Publication of _____

Publication of _____

Publication approved _____ Date _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by _____

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. Other: