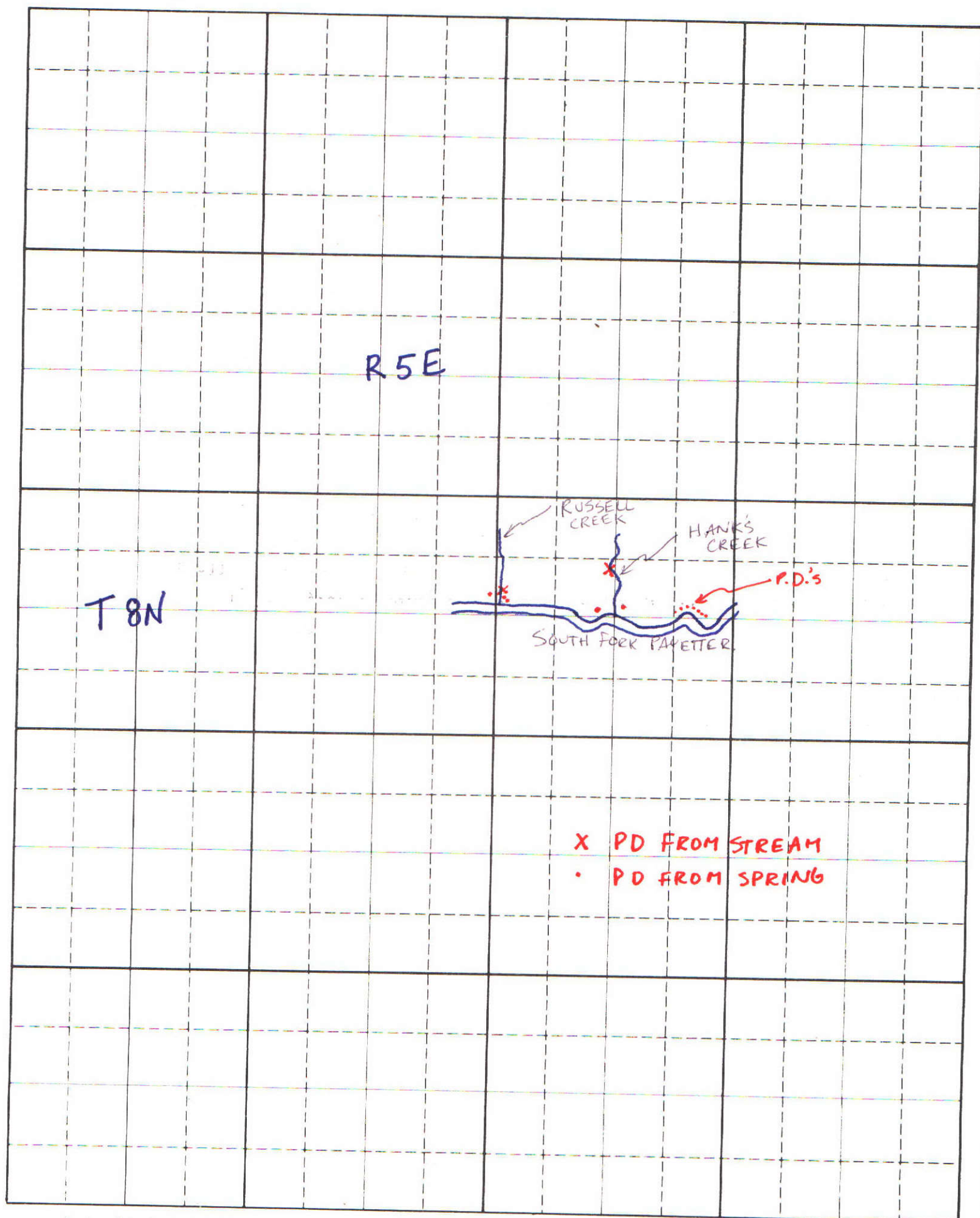


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Jason R. Ward
(Applicant)

STATE OF IDAHO,
County of Boise

Donna Neth being
duly sworn, deposes and says:
that he is the manager and prin-
cipal clerk of THE IDAHO
WORLD, a weekly newspaper
published at Idaho City, in the
County of Boise and State of Ida-
ho; that said paper has been and
is in general circulation in the
county aforesaid, and in the vi-
cinity of Idaho City; that the
advertisement, a copy of which is
hereto attached, was published in
said newspaper once a week for

2 consecutive weeks in
the entire and regular issue of
every number of said paper dur-
ing the period and time of publi-
cation and was published in the
newspaper and not a supplement;
that said paper has been estab-
lished and regularly and continu-
ously published for more than
seventy-eight weeks past previ-
ous to the first publication of
this notice. Such notice was pub-
lished in the issue beginning with

July 22 1977 and end-
ing with the issue of *July 29*

1977

Donna Neth
Subscribed and sworn to before

me this *29* day of *July*, 1977

Robert J. F. Field
Clerk of Dist Court

**NOTICE OF APPLICATION
FOR WATER PERMIT**

Notice is hereby given that Jack
D. Ward, Garden Valley, Idaho has
on July 5, 1977 submitted Appli-
cation No. 65-7904 for a permit to
appropriate 0.08 cubic feet per
second of water from Hanks' Creek,
Russell Creek & Hot Springs tribu-
tary to South Fork Payette River
by means of Pipelines to pump and
sprinkler system within the
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec 9; SE $\frac{1}{4}$ NE $\frac{1}{4}$,
SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$
Sec 10, T8N-R5E, B.M., Boise County
to be used from January 1 to Decem-
ber 31 for the irrigation of 4 acres
within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 10,
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 9, T8N-R5E B.M.

If issued, this permit will be subject
to all prior water rights. Protests
against the granting of the permit
must be filed with the Director of
the Idaho Department of Water
Resources, 92 South Cole Road,
Boise, Idaho 83705 on or before
August 8, 1977.

C. STEPHEN ALLRED
Director

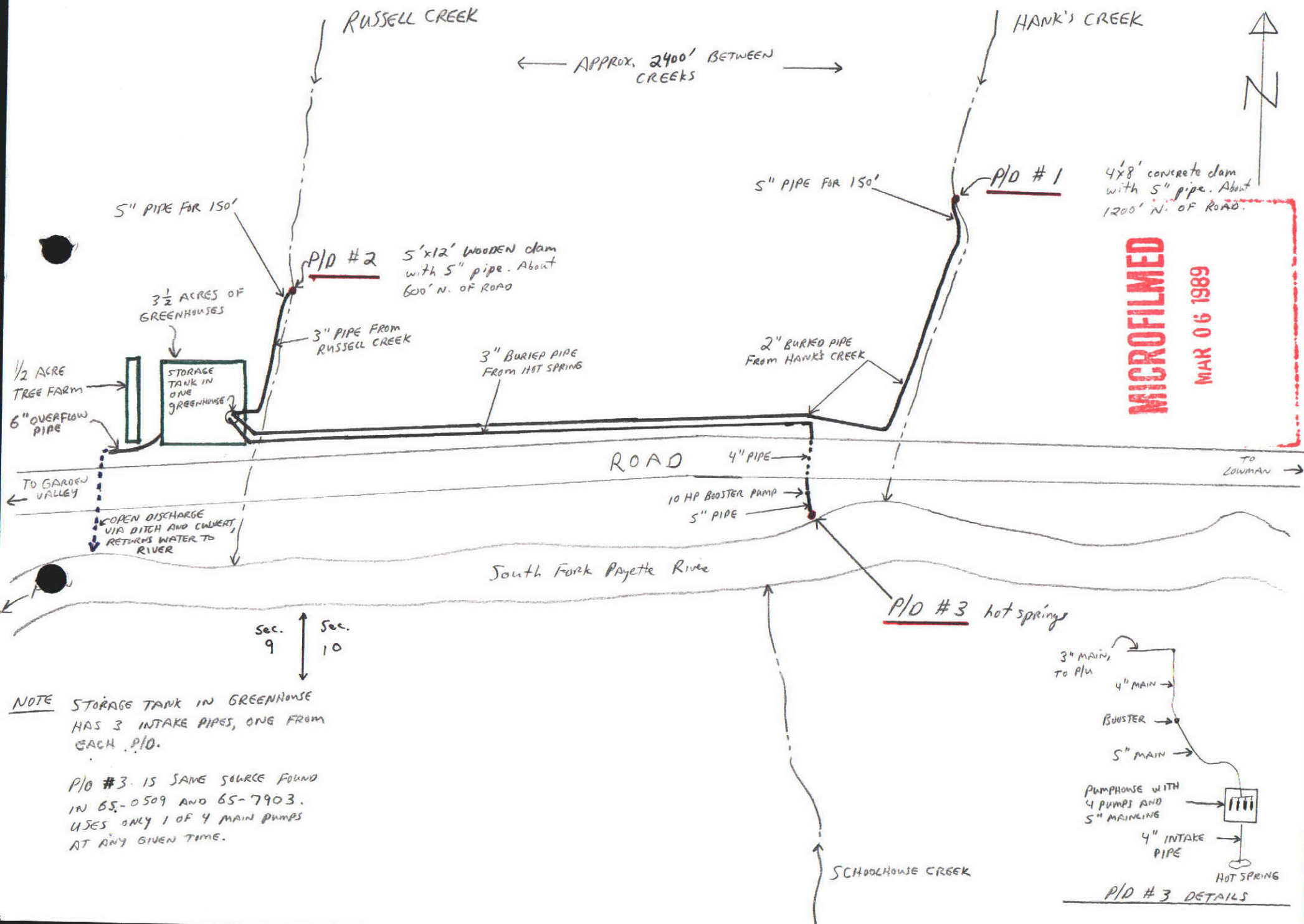
Published in THE IDAHO WORLD,
Idaho City, Idaho on July 22, 1977
and July 29, 1977.

OK *148*
8-4-77

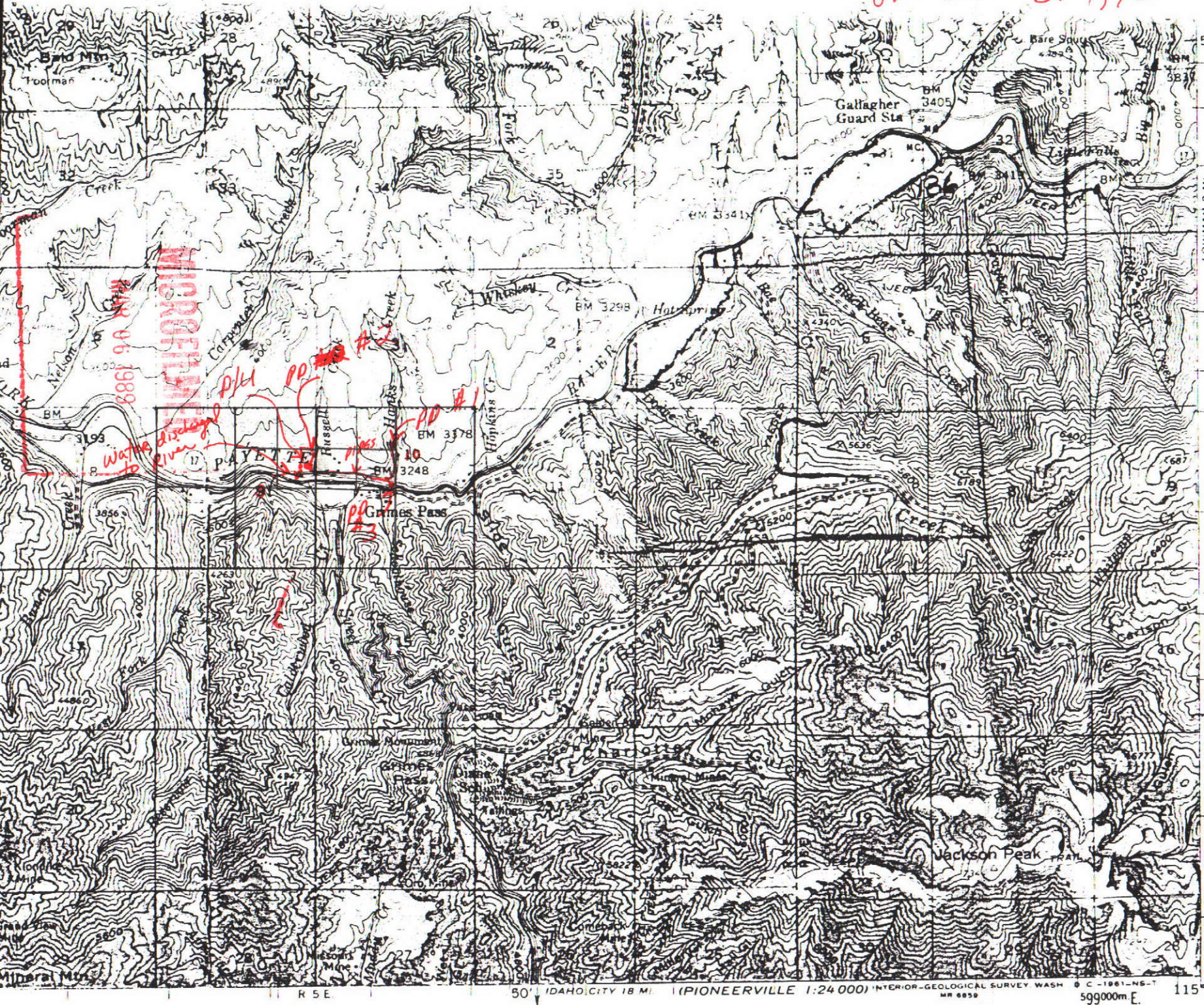
RECEIVED
AUG 2 1977

Department of Water Resources
Western Regional Office

65-7904 Alternative Diagram for 7/13/87 Field exam.



8N SE 5.9, 10



- ① Diversion from
Hanks Creek.
5" pipe at P.D.,
reduce to 2".
- ③ Diversion from
Hot Springs
Part of I.O. of S
System but this
portion used for
irrigation.
- ② Diversion from
Russell Cr.
5" Pipe at
P.D., reduce
to 3".

4873000m. N.

44° 00'

 $115^{\circ}45'$

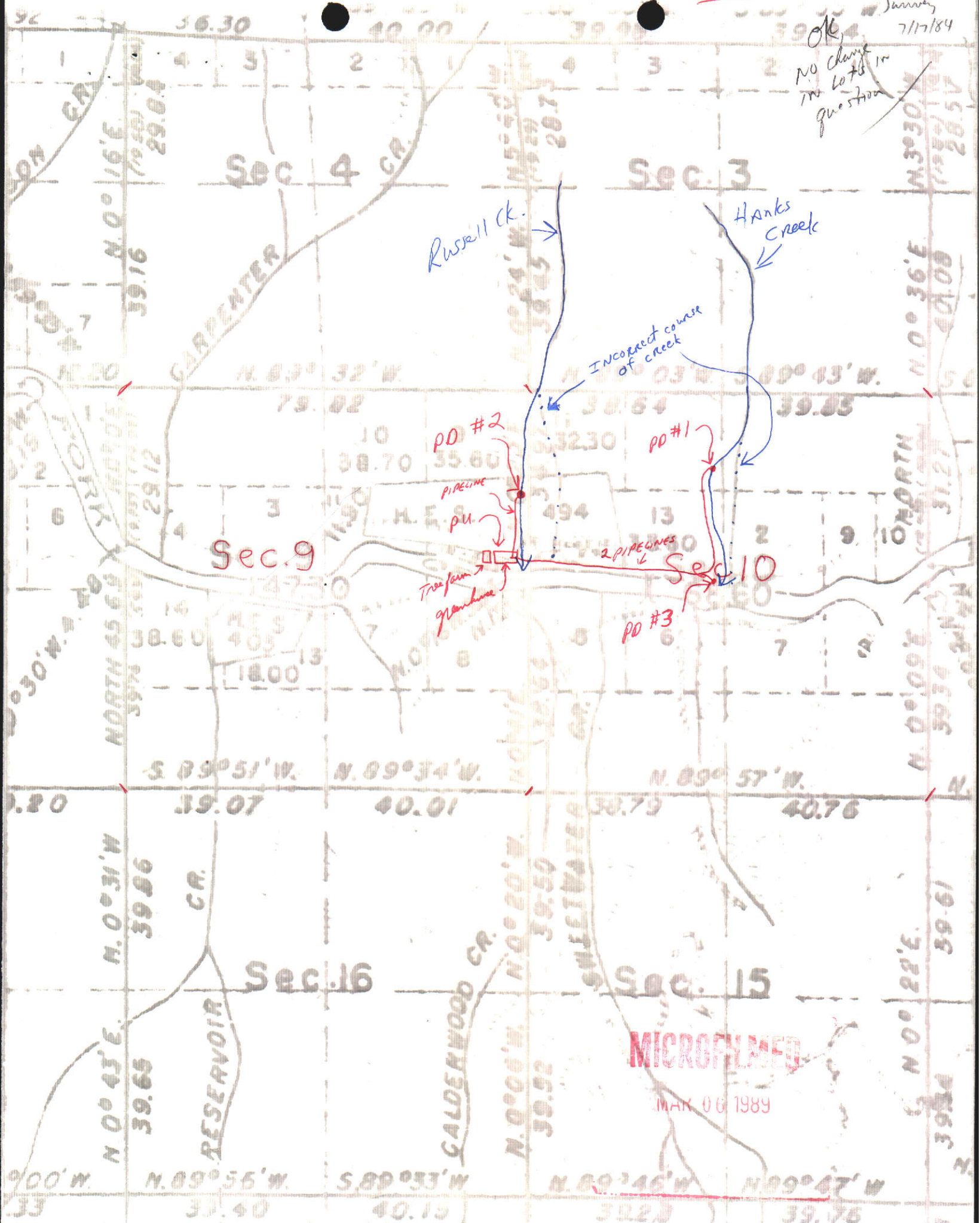
11DA

65-7904

Survey 12/29/43 - see 5.10

Survey
7/17/84

OK,
No change
in lots in
question



MICROFILMED

MAR 06 1989

65-7904

pg. 1 of 2

Near Grimes Pass Road on South
Fork of Payette River



① PD No. 1 -
Hank's Ck.

Permit sign is on
concrete dam, 5"
pipe to left.



② PD No. 2 -
Russell Ck.

Wooden dam &
5" pipe.



③ PD No. 3 -
Hot springs is
below pump house;
S. Fk. Payette is
to right. Outlet
pipe is protected
by culvert going
upslope to left.

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MAR 06 1989

65-7904

pg. 2 of 2



- ④ Collection tank from 3 PP's in greenhouse.



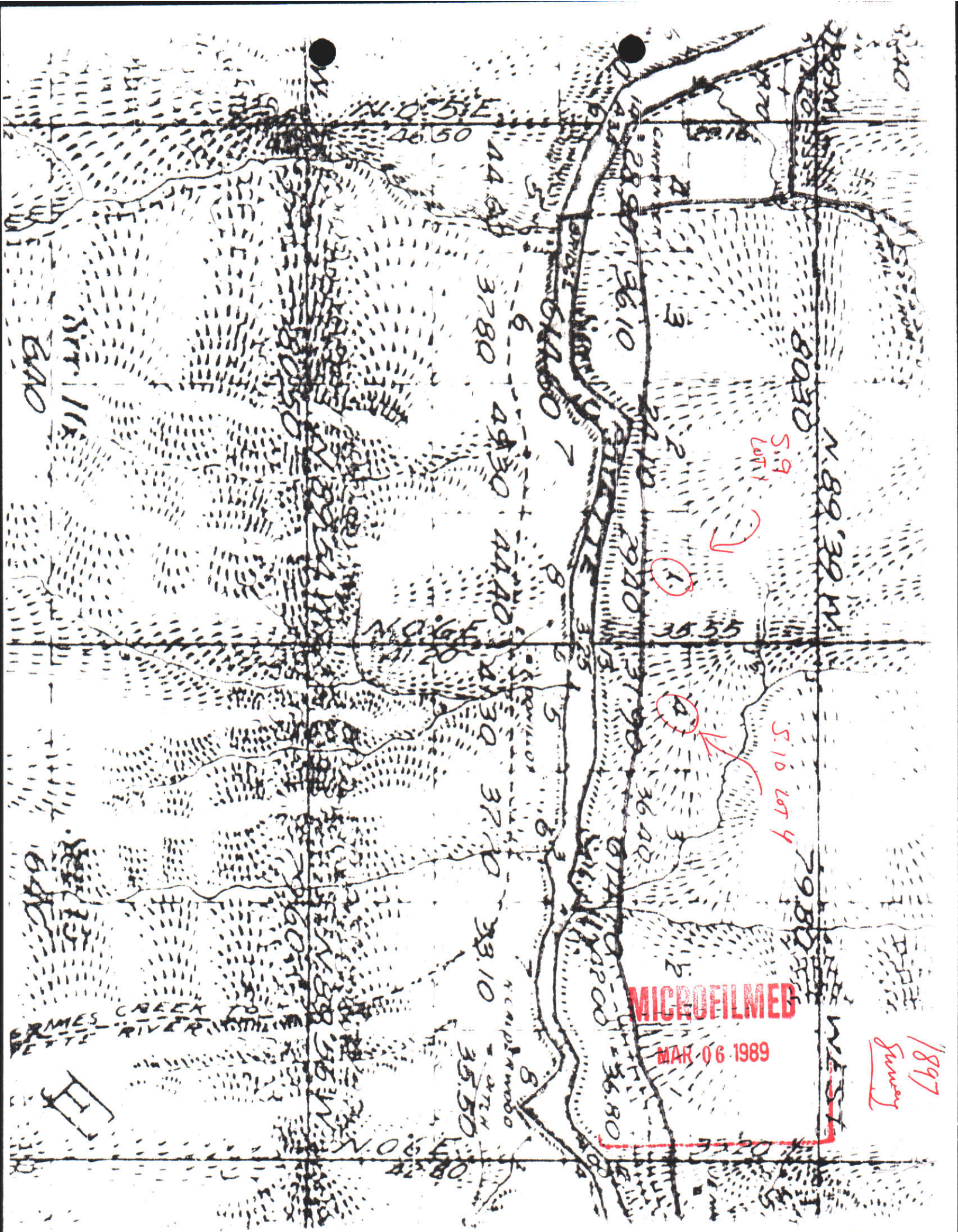
- ⑤ Typical PU shows 1" pipes and driplines. 1/2 acre tree-farm is just W. of greenhouses.



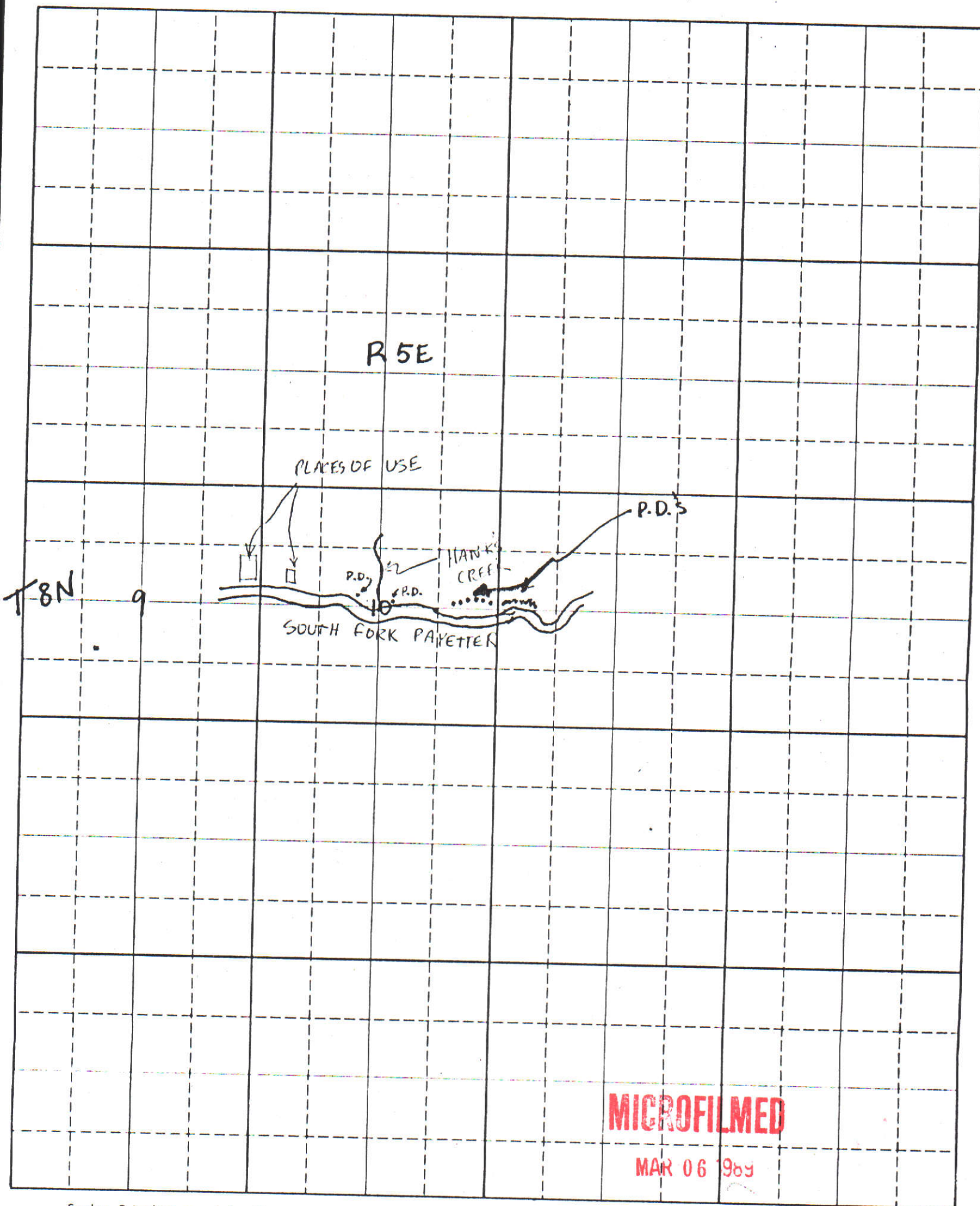
MICROFILMED

MAR 06 1989

- ⑥ Water can be returned to S. Fk. Payette through open discharge to ditch & culvert. 6" pipe shown. This is point of measurement (5 gallon bucket)



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



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MAR 06 1989

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.

[Signature]
(Applicant)

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 65-07904

Priority: July 5, 1977 Amount: 0.08 CFS 16.7 AFA

This is to certify, that JACK D. WARD
#15 LOWMAN RD.

GARDEN VALLEY, ID 83662 has complied with the terms and conditions
of the permit issued pursuant to Application for Permit dated July 5, 1977, and
has submitted proof to the Department of Water Resources on August 26, 1982, that
water has been applied to a beneficial use; an examination by the Department indicated
that the works have a diversion capacity of .080 cfs of water from:

RUSSELL CREEK tributary to PAYETTE RIVER, SOUTH FORK
HANKS CREEK tributary to PAYETTE RIVER, SOUTH FORK
SPRING tributary to PAYETTE RIVER, SOUTH FORK

source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
COMMERCIAL	01/01 to 12/31	0.08 CFS	16.7 AFA

LOCATION OF POINT OF DIVERSION(S): SENE , Sec. 9, Township 08N, Range 05E
NENW , Sec. 10, Township 08N, Range 05E
LOT 13(SESENW), Sec. 10, Township 08N, Range 05E
BOISE County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

08N 05E 9 SENE

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

MICROFILMED

MAR 06 1989

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-07904

CONDITIONS/REMARKS:

4. Commercial use is for greenhouses & tree farming.
5. Sources are Russell Creek, Hanks Creek and spring tributary to South Fork, Payette River.

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 17TH day of FEBRUARY, 1987.

Acting for the Director



State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 65-07904

RECEIVED

JAN 24 1989

APPROVED

Date of Priority: July 5, 1977

Comes now JACK D. WARD
GARDEN VALLEY, ID 83662

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the
State of Idaho No. 65-07904, and requests that the permit be changed as follows:

Source: RUSSELL CREEK	tributary to	PAYETTE RIVER, SOUTH FORK
Source: HANKS CREEK	tributary to	PAYETTE RIVER, SOUTH FORK
Source: SPRINGS	tributary to	PAYETTE RIVER, SOUTH FORK

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
COMMERCIAL	01/01 to 12/31	0.08 CFS	16.7 AFA

LOCATION OF POINT OF DIVERSION(S):

SENE , Sec. 9, Township 08N, Range 05E
NENW , Sec. 10, Township 08N, Range 05E
LOT 13(SENW), Sec. 10, Township 08N, Range 05E
BOISE County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

08N 05E 9 SENE

Permit holder asserts that no one will be injured by such change and that such change
will be made at permit holder's own risk.

Signed at Garden Valley, Idaho this 19 day of Jan, 1989.

MICROFILMED

MAR 05 1989

(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 65-07904

FOR DEPARTMENT USE ONLY

Preliminary check by kw Fee = \$20.00 ✓ Received by CP Date 1/25/89
ACTION OF THE DEPARTMENT OF WATER RESOURCES C005274

I, R. Keith Higginson, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 65-07904 with the following;

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Commercial use is for a greenhouse.

Witness my hand this 17th day of FEBRUARY, 1989.

Norman C. Young
(Director)

RECEIVED
MAR 03 1989

Identification No. _____

Application No. 65-7904

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT APPROVED

To Appropriate the Public Waters of the State of Idaho

(TYPE OR PRINT IN INK)

1. Name of applicant Jack D. Ward Phone: 462-3846
post office address Garden Valley, ID 83662
2. Source of water supply Hank's Creek & Russell Creek which is a tributary of South Fork Payette River
Also springs, trib to Russell Creek
3. a. Location of point of diversion is SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 9 Township 8N
Range 5E B.M. Boise County; additional points of diversion if any: _____
SE $\frac{1}{4}$ NE $\frac{1}{4}$ (7 points), SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$ (2 points), SW $\frac{1}{4}$ NW $\frac{1}{4}$ (3 points),
Sec. 10, T8N-R5E
- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount .08 for irrigation purpose from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. .08 cfs cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. pipelines to pump and
sprinkler system.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ 3500.
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

b. Name of municipality to be served _____, or number of families to be
supplied with domestic water _____
c. If water is to be used for other purposes describe: _____

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

TWP.	RANGE	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	
8N	5E	10							1										1
		9				3													3

Total number of acres to be irrigated 4

c. Describe any other water rights used for the same purposes as described above. 65-7167 provides .02 cfs for one of the acres in Sec. 10. This water will be supplemental.

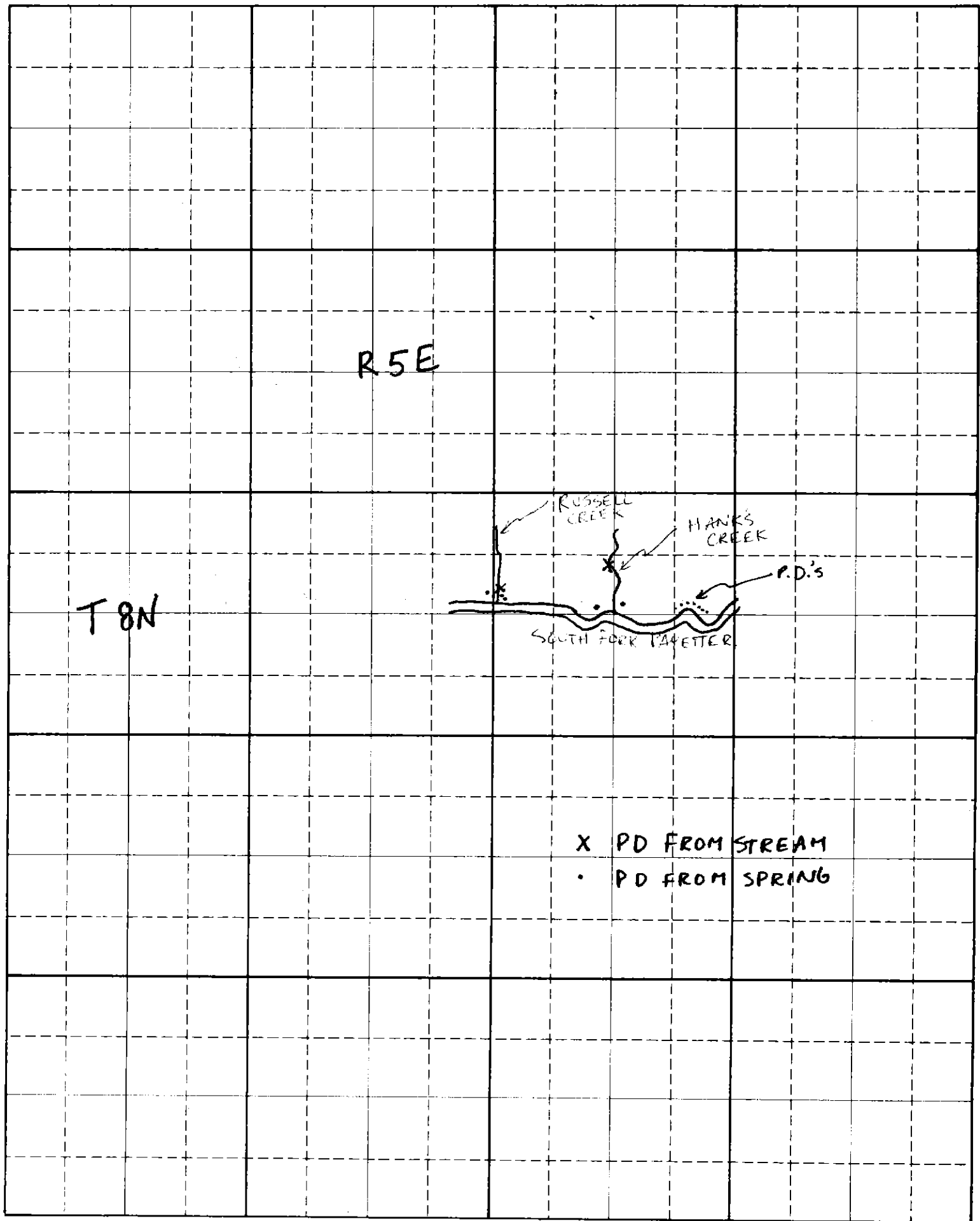
9. a. Who owns the property at the point of diversion State of Idaho, USFS & Applicant

b. Who owns the land to be irrigated or place of use Applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Right-of-Way permit with state and special use permit with USFS.

10. Remarks Expanded irrigation season is due to predicted greenhouse usage on entire 4 acres.

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.

Jason R. Ward
(Applicant)

Proposed Priority 7-5-77

Received by DRT Date 7-5-77 Time 1:45
Preliminary check by WHR Fee \$ 10.00 # 8121
Receipted by LP Date 7-5-1977
Publication prepared by CS Date July 15, 1977
Published in The Idaho World
Publication dates July 22, 1977 + July 29, 1977
Publication approved ry Date 8-4-77
Priority reduced to _____ Reason _____

Protests filed by: _____
Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by WHR

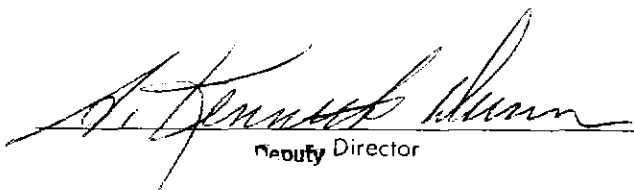
ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 65-7904, 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 September 1, 1982.
- c. Other: 1. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
2. The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Witness my hand this 23 day of September, 1977.


Deputy Director

February 24, 1989

RE: Permit No. 65-7904

Jack D. Ward
#15 Lowman Rd.
Garden Valley, ID 83662

Dear Permit Holder(s):

Enclosed herewith is a copy of the water right license issued on the above referenced permit along with a copy of the approved application for amendment.

If you have any questions concerning these documents, please feel free to contact this office.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

NOTIFIED

MAR 06 1989

Ward's Greenhouse, Inc.
#15 Lowman Road
Garden Valley, ID 83622



ALWAYS
USE ZIP CODE

25 USA



↑
note
address
correction -
kw
2/6/89

Dept. of Winter Resources
State House
Boise Idaho
83720

January 10, 1989

JACK D. WARD
GARDEN VALLEY, ID 83662

RE: PERMIT NO. 65-07904

Dear Permit Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 30 days.

If you do not concur with these findings or if you have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED

MAR 06 1989

MEMORANDUM

TO: File

FROM: Roxanne McCarthy

DATE: 11/10/88

RE: Beneficial Use Field Report Review

Right No. 65-7904

Comments *changes*

Part A - General Info.

Part B - Overlap Review

Part C - System Description

Part D - Flow Measurements

Part E - Flow Calculations

Part F - Volume Calculations

Part G - Remarks

Part H - Recommendations

Beneficial use is changed from irrigation to commercial to better reflect actual year-round use. No amendment is necessary as there is no change in nature of use.

*assume crop mud = 50" yr.
 $(\frac{50"}{12"}) (4 \text{ acres}) = 16.7 \text{ afa}$
allow this volume.*

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MAR 06 1989

PD : { 8N SE S.9 SENE (AES. 494)
 " " " " E 1/2 NW 1/4 (AES 444 SWNW
 " " " " " " Lot 13 SENEW)

PD : " " S.9 SENE

STATE OF IDAHO
 DEPARTMENT OF WATER RESOURCES

65-7904
 Permit No.

Staff Analysis Sheet
 for
 Beneficial Use Field Report

RECEIVED

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad
- ☒ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index *SL 7/4/87* (Initial and date)

S.9 SENE - Y
S.10 SENW - Y
NEWW - N

Overlap? ☒ yes ☐ no If yes: ☐ copy of exam(s) attached? ^{NOT AVAILABLE}
Type of Overlap? ☒ Add acres or uses to existing system 65-059, 65-7903
☐ Increase rate of flow or volume

Check of P/U index SL 7/9/87 (Initial and date)

Overlap? ☒ yes ☐ no If yes: ☒ copy of water right(s) attached?
 Type of Overlap? ☐ Increase rate of flow or volume
 ☒ Add P/D's 65-0503, 65-7903
 ☐ Increase number of acres within tracts
 ☒ Other: *Remains*

Aerial Photo

Required? ☐ yes ☒ no If yes: ☐ copy attached?

Scheduling Letter sent? SL 2/7/87 (Initial and date)

☒ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☒ Photographs of Point of Diversion and Place of Use
- ☒ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed Steve Lyster 7/13/89 (Signature of examiner and date)
Exam Reviewed by Senior Water Resource Agent SD 1/21/88 (Initial and date)
Exam Reviewed by Manager of Regional Office DNO 1/26/88 (Initial and date)
Exam Date Entered in Computer (Initial and date)
Exam sent to State Office J 2/21/89 (Initial and date)
Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 65-7904

1. Owner: Jack D. Ward Phone No. 462-3846

Current Address: 15 Lowman Road Garden Valley, Id. 83622

2. Accompanied by: Jack D. Ward EXAM. DATE: 7/13/87

Address: Same Phone No. Same

Relationship to Permit Holder: Same

3. Source: ① Hank's Creek tributary to all trib. to South Fork Payette River
② Russell Creek
③ Spring

B. OVERLAP REVIEW

1. Other water rights with same place of use: 65: 0503, 7903, 7167, 12567, 5638, 5640, 5639,
0509 ☒ Copies Attached *as needed*

2. Other water rights with same point of diversion: 65: 0509, 7903, 5643, 5639, 5640
☒ Copies Attached *as needed* ☐ Copies of Field Exam's Attached *NOT AVAILABLE*

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

See attached diagram

MICROFILMED

MAR 06 1989

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 65-7904

1. Owner: JACK D. WARD Phone No. 462-3846
Current Address: 15 Lowman Road Garden Valley, Id. 83622

2. Accompanied by: JACK D. WARD EXAM. DATE: 7/13/87
Address: same Phone No. same

Relationship to Permit Holder: same

3. Source: ① Hank's Creek tributary to all trib. to South Fork Payette River
② Russell Creek
③ Spring

B. OVERLAP REVIEW

1. Other water rights with same place of use: 65: 0503, 7903, 7167, 12567, 5638, 5640, 5639,
0509 ☒ Copies Attached as needed

2. Other water rights with same point of diversion: 65: 0509, 7903, 5643, 5639, 5640
☒ Copies Attached as needed ☐ Copies of Field Exam's Attached NOT AVAILABLE

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

see attached diagram

MICROFILMED

MAR 06 1989

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5 gallon bucket & stopwatch						

2. Measurements:

5 gallons / 2 sec. from 5" pipe.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: $\frac{60}{2} \times 5 = 150 \text{ gpm}$ $\frac{150}{448.8} = .33 \text{ cfs}$

2. Alternate Method for Checking Purposes: NONE AVAILABLE

F. PUMP EFFICIENCY DATA (Optional) N/A

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{best fit for area } (4)(3.5) = 14.0$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.08)(365)(1.9835) = 57.9$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 14.0$

2. Volume Calculations for Other Uses:

MICROFILMED

MAR 06 1989

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
5 gallon bucket & stopwatch						

2. Measurements:

5 gallons / 2 sec. from 5" pipe.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: $\frac{60}{2} \times 5 = 150 \text{ gpm}$ $\frac{150}{448.8} = .33 \text{ cfs}$

2. Alternate Method for Checking Purposes: NONE AVAILABLE

F. PUMP EFFICIENCY DATA (Optional) N/A

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{best fit for area } (4)(3.5) = 14.0$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.08)(365)(1.9835) = 57.9$

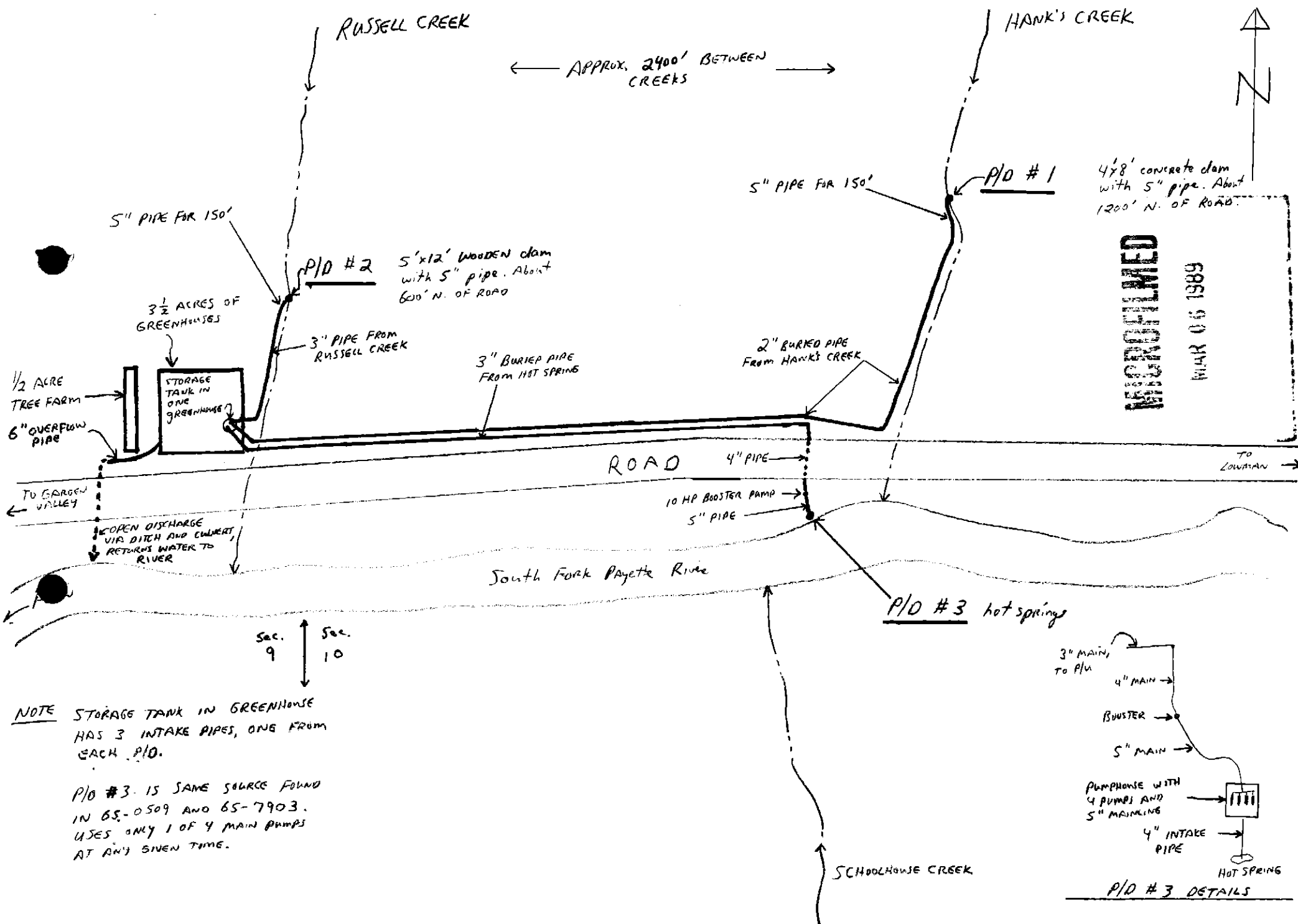
$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 14.0$

2. Volume Calculations for Other Uses:

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65-7904 Alternative Diagram for 7/13/87 Field exam.



65-7904 continued

Steven Leste
7/29/87

Overlap analysis

Note that 3 surveys of this area resulted in:

1897 Survey:

S. 10 SENW = Lot 3

SWNW = Lot 4

S. 9 SENE = Lot 1

1943 & 1984 Surveys:

S. 10 SENW = Lot 13

SWNW = H.E.S. 494

S. 9 SENE = H.E.S. 494

} proper descriptions
to use now

Some older WR's will refer to lot #'s from 1897 survey.

Water Rights in name of Jack Ward (4):

- 1) 65-0509: Decree, spring, industrial use, .21 cfs, PD in lot 13 SENW S. 10 & PU is greenhouse complex in H.E.S. 494 SENE S. 9. This spring includes same spring in 65-7904.
Same PD & PU but different use.
- 2) 65-0503: Decree, Hanks Creek, irrigation, .04 cfs, PD in lot 13 SENW S. 10 (shown incorrectly as S. 9) to irrigate 1 acre in SWNW S. 10 and 1 acre in H.E.S. 494, SENE S. 9 (greenhouses).
Different PD on Hanks Creek to irrigate 1 acre of 4 acre PU of 65-7904.
- 3) 65-7167: License, springs, commercial & hunting .12 cfs, different springs than 65-7904 to use in greenhouse, H.E.S. 494 SENE S. 9.
Different PD & use for same PU.

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- 4) 65-7903: Permit, springs, commercial, 1.0 cfs, PD includes same spring as 65-7904 for use in greenhouses.
Same PD but diff & PU but different use.

Water Rights not in Name of Jack Ward:

- 65-12567: Permit, S. Ft. Payette River, .04 cfs to irrigate 2 other acres in H.E.S. 494 SENE S.9.

No conflict.

- 65-5643: Decree, Hanks Creek, irrigation, .10 cfs. PD in Lot 13 SENW S.10 for 5 acres in H.E.S. 494 SWNW S.10.

No conflict.

- 65-5638: Decree, Russell Creek, irrigation, .24 cfs, diverted from SWNW S.10 to use on 10 acres in SENE S.9 and 2 acres in Lot 13, SENW, S.10.

No conflict.

- 65-5639: Decree, spring, for domestic use.

- 65-5640: Decree, unnamed stream, irrigation, .02 cfs for 1 acre.

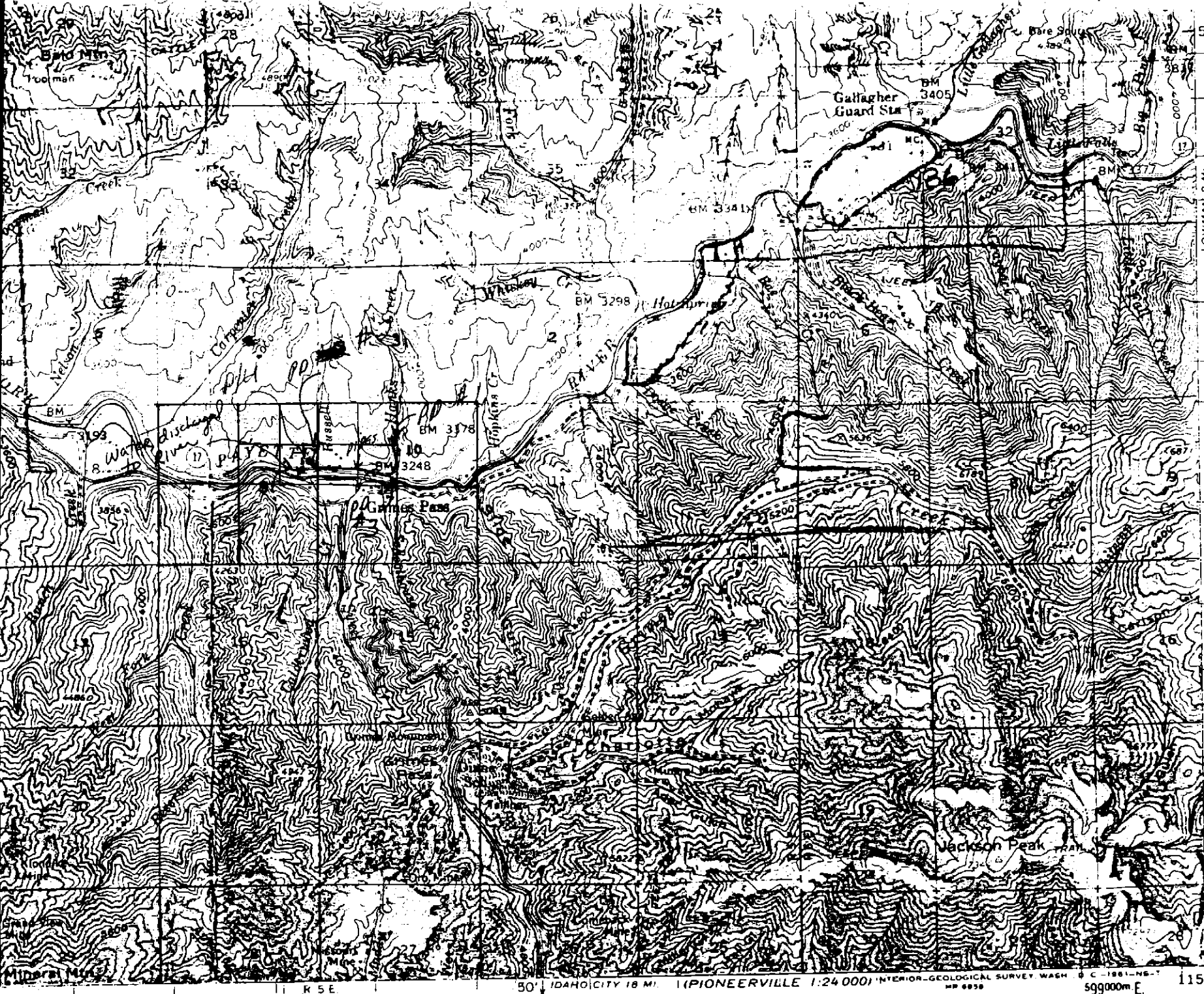
PD & PU in SENE S.9, other property than 65-7904 irrigates.

No conflict.

This amount of detail is provided to search for older WR's that 65-7904 may be "replacing" (upgrading of older systems). Except for 65-0503, the ~~above~~ **RECORDED** ~~rights~~ **MAR 9 1985** do not appear to be older systems providing similar **MAR 9 1985** in 65-7904.

65-7904-009

8N 5E 5.9, 10



- ① Diversion from
Hanks Creek.
5" pipe at P.O.,
reduce to 2".
- ③ Diversion from
Hot Springs
Part of 1.0 cfs
system but this
portion used for
irrigation.
- ② Diversion from
Rumult Cr.
5" pipe at
P.O., reduce
to 3".

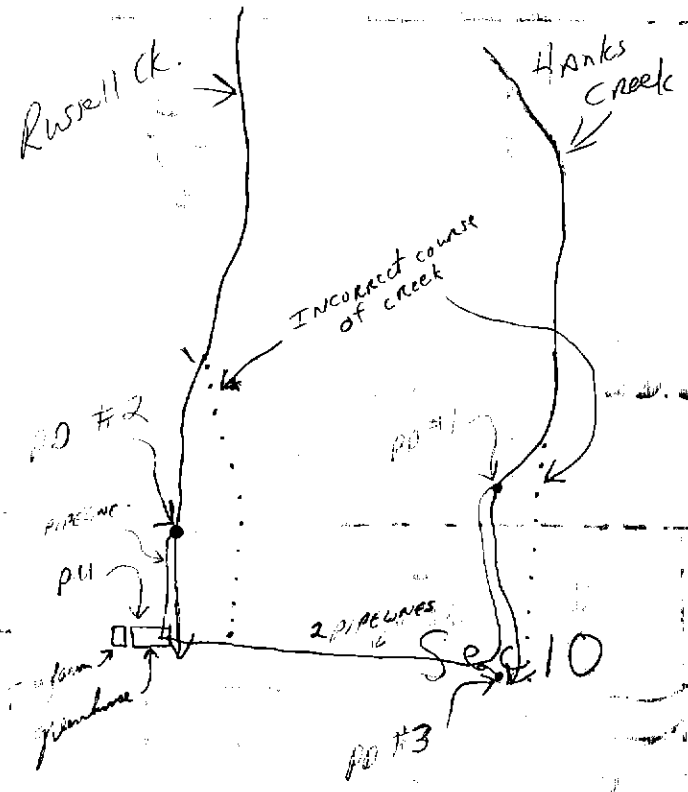
4873000m N.

42° 00'
115° 45'

65-7904

Survey 12/29/43 - Sec 5.10

OK
no change
in lots in
question



10053.1
354.0
50.6
10054.1
354.0
50.6

Sec 15

15

65-7904

pg. 1 of 2

NEAR GRIMES PASS ROAD ON SOUTH
FORK OF PAYETTE RIVER



① PD NO. 1 -
Hank's Ck.

Permit sign is on
concrete dam, 5"
pipe to left.

② PD NO. 2 -
Russell Ck.

Wooden dam &
5" pipe.

③ PD NO. 3 -
hot springs is
below pump house;
S. Fk. Payette is
to right. Outlet
pipe is protected
by culvert going
up slope to left.

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65-7904

pg. 2 of 2



④ Collection tank from 3 PD's in greenhouse.

⑤ Typical PU shows 1" pipes and driplines. 1/2 acre tree-farm is just W. of greenhouses.

⑥ Water can be returned to S. Fk. Payette through open discharge to ditch & culvert. 6" pipe shown. This is point of measurement (5 gallon bucket)

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FIGART	C
FIGART	C
FIGART	C
FIGART	C
PRATT	C
PULLEY	D
PULLEY	C
PRATT	C
PULLEY	C
PULLEY	C
PULLEY	C
PULLEY	C
POLLEY	C
PULLEY	C
RANDERSON	C
RANDERSON	C
RANDERSON	C
RANDERSON	C
RANDERSON	C
PRATT	C
MC KINNEY	C
MC KINNEY	C

PAGE 1016	
06/28/1987	
LAST NAME	OWNER CODE
DE MASTERS	C
DE MASTERS	C
DEMASTERS	C
DEMASTERS	C
MC CAULOU	C
MC CAULOU	C
GOODALL	C
DE MASTERS	C
DE MASTERS	C
SQUAW CREEK DITCH CO.	C
SQUAW CREEK DITCH CO.	C
SQUAW CREEK DITCH CO.	C
SQUAW CREEK DITCH CO.	C
BLESSINGER OLSEN	D
BLESSINGER	C
CHAPMAN	C
BLESSINGER OLSEN	D
CHAPMAN	C
CHAPMAN	C
CHAPMAN	C
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
DEMASTERS	C
DEMASTERS	C

PAGE 1017	
06/28/1987	
LAST NAME	OWNER CODE
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
DE MASTERS	C
JANL BERG	C
MATT	C
MATT	C
MATT	C
MATT	C
MATT	C
MURCH	C
MATT	C
MURCH	C

MAR 02, 1979

PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE

PAGE 443

INDICATES TOTAL

SOURCE: SPRING

TRIBUTARY TO: SOUTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-5710	WARNER, FAREBY E. 2516 REGAN AVENUE, BOISE, IDAHO 83702	1/13/1951	DOMESTIC	1/ 1 12/31	1.20 AFA .03 CFS	LOT 1 S27 T 9N R 8E	LC11 S27 T 9N R 8E	BENEFICIAL USE
65-11136	NELSON, DENNY G RAMBO WATER USERS C/O JULIUS H. RAMBO, 1402 HARRISON, BOISE, IDAHO 83702 REMARKS: LOTS 2 & 4, BLOCKS 1 & 2, JOE LEWIS SUBDIVISION #1.	6/ 1/1955	DOMESTIC	1/ 1 12/31	2.40 AFA .04 CFS	NESE S27 T 9N R 8E	NESE S27 T 9N R 8E MAR 06 1981	BENEFICIAL USE
65-2686	CASILE, MARVEL B. 920 NORTH 28TH, BOISE, IDAHO 83702	2/23/1961	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	NENW S31 T 9N R 8E	LC14 S31 T 9N R 8E	LICENSE
65-2775	U. S. DEPT. OF AGR. FOREST SERVICE, FEDERAL BLDG., 324 25TH STREET, OGDEN, UTAH 84401 REMARKS: HOT SPRINGS C. G.	4/29/1964	DOMESTIC	1/ 1 12/31	2.00 AFA .02 CFS	NESE S 6 T 8N R 5E	NWSE NESH S 6 T 8N R 5E	LICENSE
65-10654	LOUX, HARVEY W. & LOUX, LORNA H. ROUTE 3, KUNA, IDAHO 83634	6/ 1/1964	DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS	LOT 3 S17 T 9N R 9E	LC13 S17 T 9N R 9E	BENEFICIAL USE
65-0509	WARD, JACK D. GARDEN VALLEY, IDAHO 83622 REMARKS: INDUSTRIAL USE IS GREENHOUSE HEATING.	5/ 7/1966	INDUSTRIAL	1/ 1 12/31	74.80 AFA .21 CFS	SENE S10 T 8N R 5E	LOT1 S 9 T 8N R 5E	BENEFICIAL USE
65-10640	HILL, DONALD G. & HILL, ZONA P. 4690 CASTLEWOOD DRIVE, MERIDIAN, IDAHO 83642 REMARKS: LOT 1-26, BLOCK D, LOHMAN INN HOME SITES.	7/ 1/1967	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	LOT 4 S27 T 9N R 7E	LC14 S27 T 9N R 7E	BENEFICIAL USE
65-10779	LAPPIN, FRED R. & LAPPIN, LINDA STAR ROUTE, GARDEN VALLEY, IDAHO 83622	6/30/1970	DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS	LOT 8 S11 T 8N R 5E	LC18 S11 T 8N R 5E	BENEFICIAL USE
65-4900	O'LEARY, PATRICK BOX 118, IDAHO CITY, IDAHO 83631	6/30/1970	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	LOT 3 S11 T 8N R 5E	LC13 S11 T 8N R 5E	BENEFICIAL USE
65-7145	STEVENSON, JOHN M. & STEVENSON, VERA V. GENERAL DELIVERY, LOHMAN, IDAHO 83637	7/ 8/1970	DOMESTIC	1/ 1 12/31	.60 AFA .02 CFS	SENE S18 T 9N R 9E	SENE S18 T 9N R 9E	LICENSE

MAR 02, 1979

PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE

PAGE 1

INDICATES TOTAL

SOURCE: HANKS CREEK

TRIBUTARY TO: SOUTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS OF USE
65-5643	DONLEY, DOUGLAS & DONLEY, CHESTER GARDEN VALLEY, IDAHO 83622 REMARKS: H. E. S. 494.	4/ 1/1956	IRRIGATION	4/ 1 11/ 1	--- AFA .10 CFS	LOT13 S10 T 8N R 5E	LOT 41 S1 S10 T 8N R 5E *50	PERM USE
65-0503	WARD, JACK D. GARDEN VALLEY, IDAHO 83622	4/ 7/1956	IRRIGATION	4/ 1 11/ 1	--- AFA .04 CFS	SENE S 9 T 8N R 5E	LOT 41 S1 S10 T 8N R 5E LOT 11 S1 S 9 T 8N R 5E *20	PERM USE
65-7904	WARD, JACK D. GARDEN VALLEY, IDAHO 83662 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 65-7167 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE. SOURCES FOR THIS RIGHT ARE HANKS CREEK, SPRINGS & RUSSELL CREEK TRIB. SOUTH FORK, PAYETTE RIVER & SPRINGS TRIB. RUSSELL CREEK. TWO POINTS OF DIVERSION IN SENE, S.4, T.9N, R.4E. THIS PERMIT RIGHT IS NOT DECREED BY THE PRESENT ADJUDICATION PROCEDURE, AND IS INCLUDED FOR INFORMATION PURPOSES ONLY. NORMAL STATUTORY PROCEDURES MUST BE COMPLETED FOR LICENSING.	7/ 5/1977	IRRIGATION	4/ 1 11/ 1	--- AFA .08 CFS	SENE S 9 T 8N R 5E SENE S10 T 8N R 5E SENE S10 T 8N R 5E SENE S10 T 8N R 5E	SENE S10 SENE S10 S 9 T 8N R 5E *40	PERM

INDICATES TOTAL

SOURCE: HANSON SPRING

TRIBUTARY TO: STINKS

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS OF USE
65-1992	LITTLE, MYRN H. ROUTE 3 BOX 151, EMPETT, IDAHO 83617 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 651994 SHALL PROVIDE NO MORE THAN .19 CFS NOR 11.0 AFA.	11/ 1/1916	STOCKWATER	1/ 1 12/31	11.00 AFA .19 CFS	SNW S19 T 8N R 1W	SNW S19 T 8N R 1W	PERM USE

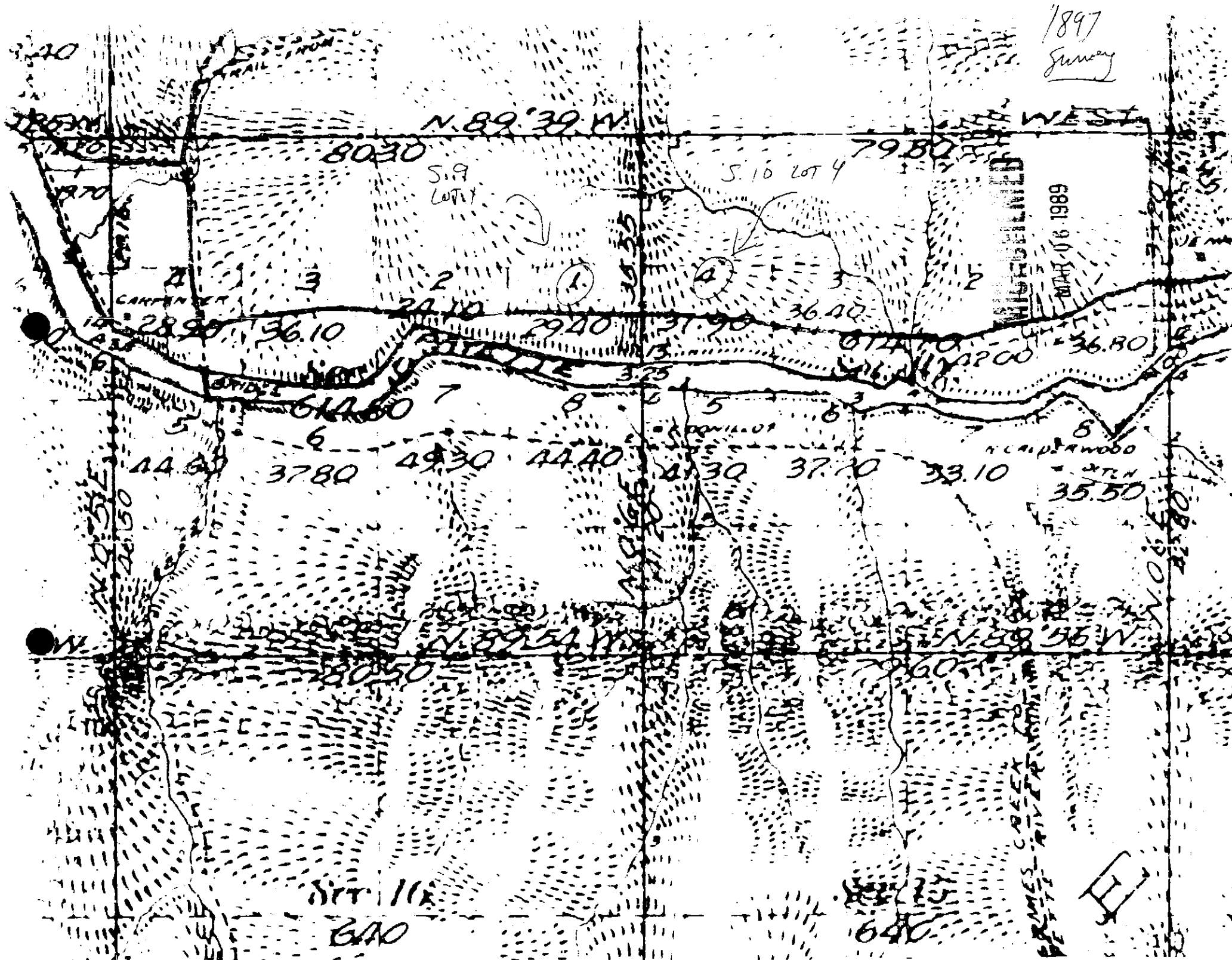
INDICATES TOTAL

SOURCE: HART CREEK

TRIBUTARY TO: ROUND VALLEY CREEK

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS OF USE
65-1895	DARRELL, ELSIE M. ROUTE 2, EMPETT, IDAHO 83617	6/ 1/1910	STOCKWATER	1/ 1 12/31	1.40 AFA .03 CFS	NW 1/4 S29 T12N R 4E	NW 1/4 S29 T12N R 4E	PERM USE

1897
Survey



MAR 02, 1979

PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE

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INDICATES TOTAL

SOURCE: ROYSTONE HOT SPRINGS

TRIBUTARY TO: SQUAW CREEK

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-0156	CUMMINGS, GROVER P.O. BOX 4, SWEET, IDAHO 83670	5/29/1927	IRRIGATION	4/ 1 11/ 1	--- AFA .02 CFS	SESE S 8 T 7N R 1E	SESE(1) S 8 T 7N R 1E *1*	BENEFICIAL USE
			COMMERCIAL	1/ 1 12/31	8.70 AFA .12 CFS		SAME AS OTHER USE	
			DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS		SAME AS OTHER USE	
			STOCKWATER	1/ 1 12/31	.70 AFA .02 CFS *---*AFA *.20*CFS		SAME AS OTHER USE	
65-1298	DARNELL, MRS. PAUL ROUTE #2, EMMETT, IDAHO 83617	4/ 1/1965	STOCKWATER	1/ 1 12/31	2.70 AFA .05 CFS	SESE S 8 T 7N R 1E	SWSE S 8 T 7N R 1E	BENEFICIAL USE

INDICATES TOTAL

SOURCE: RUSSELL CREEK

TRIBUTARY TO: SOUTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-5638	DANE, A. D. & DANE, BEATRICE GARDEN VALLEY, IDAHO 83622 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 65-5640 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE.	4/ 1/1910	IRRIGATION	4/ 1 11/ 1	--- AFA .24 CFS	LOT 4 S10 T 8N R 5E	LOT 1(10) S 9 T 8N R 5E LOT 13(2) S10 T 8N R 5E *12*	BENEFICIAL USE
65-7904	WARD, JACK D. GARDEN VALLEY, IDAHO 83662 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 65-7167 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE. SOURCES FOR THIS RIGHT ARE HANKS CREEK, SPRINGS & RUSSELL CREEK TRIB. SOUTH FORK, PAYETTE RIVER & SPRINGS TRIB. RUSSELL CREEK. TWO POINTS OF DIVERSION IN SENE, S.4, T.9N, R.4E. THIS PERMIT RIGHT IS NOT DECEDED BY THE PRESENT ADJUDICATION PROCEDURE, AND IS INCLUDED FOR INFORMATION PURPOSES ONLY. NORMAL STATUTORY PROCEDURES MUST BE COMPLETED FOR LICENSING.	7/ 5/1977	IRRIGATION	4/ 1 11/ 1	--- AFA .08 CFS	SENE S 9 T 8N R 5E SENE S10 T 8N R 5E SWNE S10 T 8N R 5E SENE S10 T 8N R 5E SWNW S10 T 8N R 5E	SWNW(1) S10 T 8N R 5E SENE(3) S 9 T 8N R 5E *4*	PERMIT

MAR 10 1989

MAR 02, 1979

PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE

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INDICATES TOTAL

SOURCE: RAE CREEK

TRIBUTARY TO: SOUTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-7494	HALLSTROM, ROBERT J. BOX 51, GARDEN VALLEY, IDAHO 83622 REMARKS: THIS PERMIT RIGHT IS NOT DECREED BY THE PRESENT ADJUDICATION PROCEDURE, AND IS INCLUDED FOR INFORMATION PURPOSES ONLY. NORMAL STATUTORY PROCEDURES MUST BE COMPLETED FOR LICENSING.	6/26/1974	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	SESW S36 1 SN R SE	SAME AS OTHER USE	PERMIT
			IRRIGATION	4/ 1 11/ 1	--- AFA .06 CFS *---*AFA .08*CFS		SESW(3) S36 1 9N R SE	

INDICATES TOTAL

SOURCE: RANE SPRING

TRIBUTARY TO: SOUTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-5639	RANE, A. D. & RANE, BEATRICE GARDEN VALLEY, IDAHO 83622 REMARKS: H. E. S. #494. THIS RIGHT WHEN COMBINED WITH RIGHT 65-5640 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE NOR 1.2 AFA/ACRE FOR DOMESTIC USE.	4/ 1/1922	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	LOT 1 S 9 1 8N R SE	LC11 S 9 1 8N R SE	BENEFICIAL USE

INDICATES TOTAL

SOURCE: RAPID CREEK

TRIBUTARY TO: KEANALLY CREEK

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-4027X	LOOMIS, CLARENCE V. P. O. BOX 63, NEW MEADOWS, IDAHO 83654	1/10/1920	IRRIGATION	4/15 10/15	--- AFA 1.20 CFS	SENE S23 117N R 4E	NENE(8) NANE(32) NENW(17) SENW(2) S34 117N R 4E SESW(5) S27 117N R 4E *64*	BENEFICIAL USE
65-2331	U. S. DEPT. OF AGRI. FOREST SERVICE, FEDERAL BLDG., 324 25TH STREET, UGDEM, UTAH 84401 REMARKS: PAGUY FLATS G. S.	2/ 9/1925	IRRIGATION	4/15 10/15	--- AFA .30 CFS	NESE S23 117N R 4E	SWSE(15) S27 117N R 4E *15*	LICENSE

MAR 02, 1979

PROPOSED FINDING OF WATER RIGHTS - PAYETTE RIVER DRAINAGE

PAGE 596

INDICATES TOTAL

SOURCE: UNNAMED STREAM

TRIBUTARY TO: SOUTH FORK, PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-5640	RAHE, A. D. & RAHE, BEATRICE GARDEN VALLEY, IDAHO 83622 REMARKS: H. E. S. #494. THIS RIGHT WHEN COMBINED WITH RIGHTS 65-5639 & 65-5638 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE.	4/ 1/1910	IRRIGATION	4/ 1 11/ 1	--- AFA .02 CFS	LOT 1 S 9 T 8N R 5E	LOT 11 11 S 9 T 8N R 5E *1*	BENEFICIAL USE
			DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS *---*AFA *.04*CFS		SAME AS OTHER USE	
65-10456	THEIS, RAYMOND J. & THEIS, ZELICA A. 1301 NORTH 23RD, BOISE, IDAHO 83702	6/ 1/1915	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	SWSW S27 T 9N R 8E	SAME AS OTHER USE	BENEFICIAL USE
			IRRIGATION	4/15 10/15	--- AFA .06 CFS *---*AFA *.08*CFS		SWSW 31 S27 T 9N R 8E *3*	
65-11391	MILLS, JAMES M. P.O. BOX 48, GARDEN VALLEY, IDAHO 83662	5/21/1916	IRRIGATION	4/ 1 11/ 1	--- AFA .18 CFS	LOT 1 S36 T 9N R 5E	LOT 21 41 S31 T 9N R 6E LOT 11 41 S36 T 9N R 5E *8*	DECREE
			DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS *---*AFA *.18*CFS		SAME AS OTHER USE	
65-11390	PARKS, DONALD J. 1510 MARTHA CIRCLE, BOISE, IDAHO 83706	5/21/1916	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	LOT 1 S36 T 9N R 5E	SAME AS OTHER USE	DECREE
			IRRIGATION	4/ 1 11/ 1	--- AFA .02 CFS *---*AFA *.02*CFS		LOT 11 21 S36 T 9N R 5E *2*	
65-10382	MILLS, JAMES M. P. O. BOX 48, GARDEN VALLEY, IDAHO 83622	5/22/1916	IRRIGATION	4/15 10/15	--- AFA .16 CFS	LOT 1 S36 T 9N R 5E	LOT 21 41 S31 T 9N R 6E *8*	BENEFICIAL USE
65-11062	MCCOY, BARRY & MCCOY, PAT F. 1907 SUNCREST DRIVE, BOISE, IDAHO 83705	6/ 1/1935	DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS	NWNE S31 T 9N R 8E	NWNE S31 T 9N R 8E	BENEFICIAL USE
65-2476	FARDER, LESTIE & FARDER, MURIEL LOWMAN, IDAHO 83617	10/24/1946	IRRIGATION	4/15 10/15	--- AFA .06 CFS	NWNE S31 T 9N R 8E NENW S31 T 9N R 8E	NWNE (1) NENW (1) LOT 41 31 LOT 31 21 S31 T 9N R 8E *7*	LICENSE
			DOMESTIC	1/ 1 12/31	1.20 AFA .04 CFS		SAME AS OTHER USE	
			POWER	1/ 1 12/31	--- AFA .06 CFS *---*AFA *.06*CFS		SAME AS OTHER USE	

MADE 10 10 1900

WEATHER BUREAU'S LEADERSHIP

License of Water Right No. 65-7167 Priority October 8, 1970 Amount 0.12 cfs

THIS IS TO CERTIFY, that Jack D. Ward

of Garden Valley, Idaho, has complied with the terms and conditions of Permit

No. 65-7167 issued pursuant to Application for Patent filed October 8, 1970

and has submitted proof to the Department of Water Resources on January 11, 1966

that he has applied water to a beneficial use; an examination by the Department indicates that the works have a

capacity for the diversion of 0.50 cfs of water from springs

affluent to Payette River, South Fork, and that the permit holder has applied to a beneficial use and

established a right to use water as follows:

Beneficial Use	Percentage of Use	Rate of Diversion	Amount Volunteered
----------------	-------------------	-------------------	--------------------

Commercial from 36 1/2' to 42' - 4.3' about 4.2 acre feet

Heating from the sun

from _____

Subject, however, by this copy right may be used for 100 cfs of water at any one time, and

that the amount of... and to which such right is entitled... the purpose

enforcement of the law. It is not to be understood that the law actually be enforced, but that it be not enforced.

1/23 1964 From 10:00 am, until water level is lowered within the lower 10' of the section 10

Temp. 84.1 in the County of Shelby

Data reported: none; no data were collected.

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

Commercial use is Greenhouses.
Heating use is Greenhouses.

MICROFILMED

MAR 06 1989

NOTE: Modifications to or deletion from this license must be made within the time set forth in 42-122, Idaho Code, or the applicable Idaho law. This right may be extended by four years or longer.

The right to the use of the emblem described in the trademark and applied for the benefit of persons not mentioned herein described, as provided by the General Act.

Witness the seal and signature of the Director, Witnessed at Bismarck, Alaska, this 22 day of June, 19 82.

Identification No. _____

Application No. 65-7903

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT **APPROVED**

To Appropriate the Public Waters of the State of Idaho

(TYPE OR PRINT IN INK)

1. Name of applicant JACK D. WARD Phone: 462-3846
post office address Garden Valley, ID 83662
2. Source of water supply unnamed hot springs which is a tributary of S. Fk. Payette River
3. a. Location of point of diversion is SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 10 Township 8N
Range 5E B.M. Boise County; additional points of diversion if any: _____
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 10 T8N-R5E (7 points), SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec 10 T8N R5E
- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 1.0 for commerical purpose from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 1.0 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. _____
diversion by pipe to pump then through 4 inch pipe to greenhouse
- b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.
b. Estimated construction cost is \$ 3500.00
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 10 Township 8N
Range 5E B.M. Also, SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 9 T8N-R5E.
(2) Amount of power to be generated: _____ hp 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 _____
(5) If water is to be used for other purposes describe: heating for greenhouse and residence

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

[illegible]

Total number of acres to be irrigated_____

c. Describe any other water rights used for the same purposes as described above. _____
65-7167 and Claim 65-0509

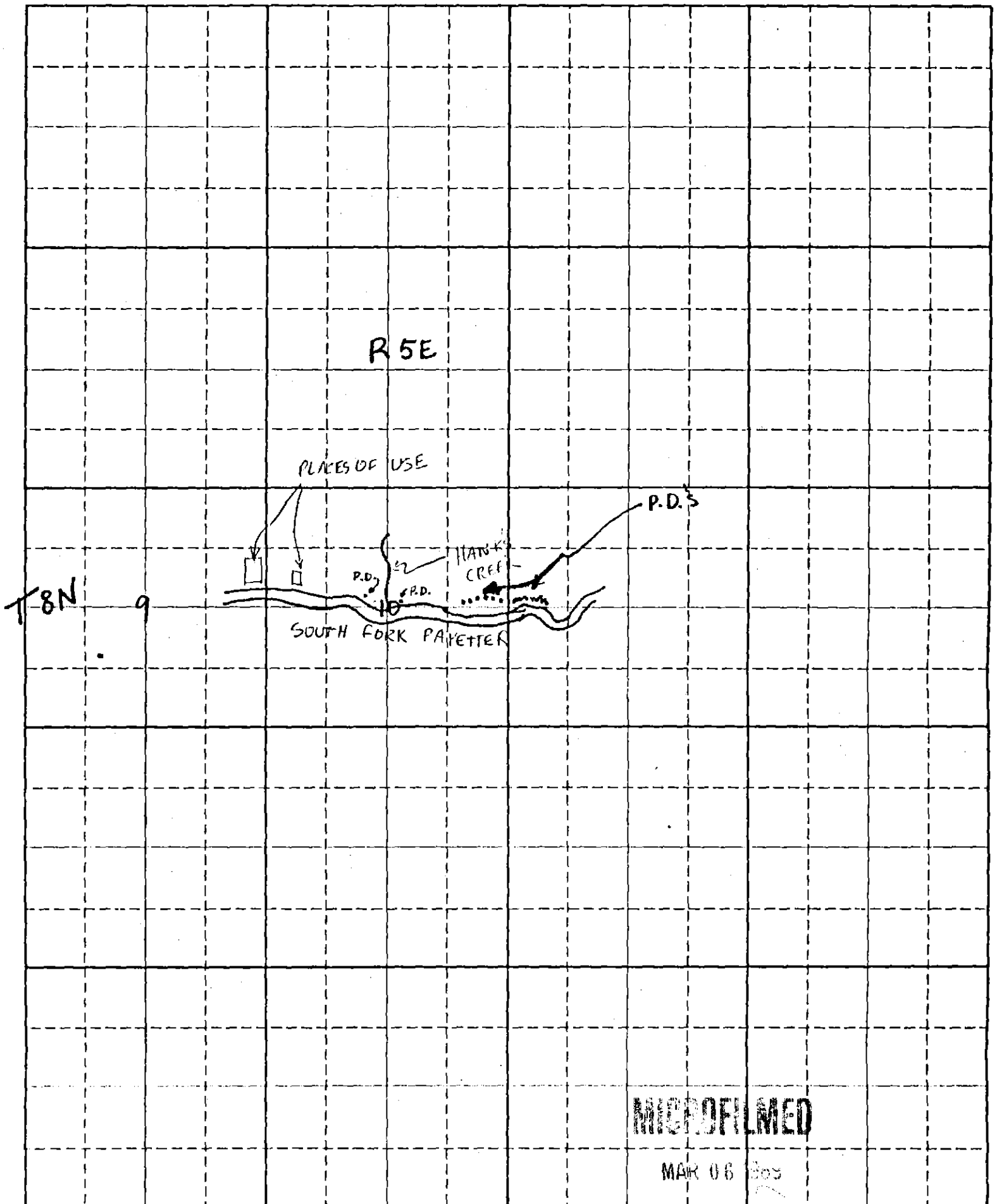
9. a. Who owns the property at the point of diversion State Of Idaho
b. Who owns the land to be irrigated or place of use Applicant
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Applicant has right of way permit from state

10. Remarks _____

MICHAEL

~~MAR 06 1989~~

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.

(Applicant)

Proposed Priority 7/5/77

Received by DRT Date 7-5-77 Time 1:45
Preliminary check by W. H. H. Fee \$ 25.00 # E121
Receipted by L. P. Date 7-5-1977
Publication prepared by CS Date July 18, 1977
Published in The Idaho World
Publication dates July 22, 1977 & July 29, 1977
Publication approved W. H. H. Date 9-7-77 re-ad - 8-10-77
Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by W. H. H.

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. 65-7903, 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 November 1, 1982.
- c. Other: For licensing purposes a scientific measurement of the diversion rate of the system as it is normally operated shall be provided by either properly installing an approved type of measuring device or by having a professional engineer certify the rate of diversion to the Department prior to submitting proof of beneficial use of water. (2) The issuance of this permit in no way grants any right-of-way or easement across the land of another.

Witness my hand this 8 day of November, 1977.

W. H. H.
Deputy Director

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MAR 06 1989

4/86

KEYPUNED

For Office Use Only
Fee Received 50.00
Date 7/21/86
Receipt # 40459
Receipt by 652
Sent to S.O. 8-6-86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EXAMINATION FEE INFORMATION

1. Permit No. 65-7904

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Jack D Ward

3. Post Office Address: 15 Lowman Road

Garden Valley Ida Telephone No. 462-3846

4. Source of Water: Hanks Creek & Russell Creek Springs

5. Extent of Use: Tributary To South Fork Springs Tributary To
Russell Creek

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation Irrigation (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 108 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

Part was used as far back as 1910

8. Person to contact to accompany the department representative during the field examination:

Jack D Ward
(Name)

Garden Valley Ida 462-3846
(Address) (Telephone Number)

MAR 06 1989

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

July 21/1986
Date

Jack D Ward
Signature of Permit Holder (and title, if appropriate)

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

Mailing address:
Storehouse
Boise, Idaho 83720

A. KENNETH DUNN
Director

65-7904
WARD, JACK D.
GARDEN VALLEY, ID 83662

138543

June 5, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

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Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing

of certified water right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department offices.

Northern Region

Idaho Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814
Phone: 765-4639

Eastern Region

Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83401
Phone: 525-7161

Southern Region

Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Western Region

Idaho Dept. of Water Resources
450 W. State St., (Third Floor)
Boise, ID 83720
Phone: 334-2190

Sincerely,



L. GLEN SAXTON
Chief, Operations Bureau

Enclosures

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MAR 9 1989

MAR 9 1989



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-2190

Mr. Ted [unclear]
[unclear]
[unclear]

Re: [unclear]

Dear [unclear]:

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

Before a license can be issued, a field examination must be made by a representative of this Department.

☐

A field examination of your system has been scheduled for _____.

If this time and date is not convenient for you, please contact this office as soon as possible.

☐

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.

Sincerely,

Judy Pense

Judy Pense
Secretary

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card statement that the permit holder(s) has completed development to the extent shown below of Permit No. 65-7904

Name(s) of Permit Holder: Jack D. Ward

Post Office Address: Garden Valley Id 83662

Tel. No. 462-3846

Source of Water: Hanks Creek & Russell Creek, Hot Springs

Extent of Use: ☐ Domestic _____ (number of households)
☐ Stockwater _____ (number and type of stock)
☒ Irrigation 4 (acres)
☐ Other _____

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.

8/26/02

Date

Jack D. Ward
 Signature of Permit Holder

PLACE
TEN CENT
STAMP
HERE

RECEIVED



AUG 26 1982

IDAHO DEPARTMENT OF WATER RESOURCES

Department of Water Resources

Western Regional Office

STATEHOUSE

BOISE, IDAHO 83720

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138.302

WARD, JACK D.
GARDEN VALLEY, ID 83662

JUNE 30, 1982

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 65-7904 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE SEPTEMBER 01, 1982. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF OF BENEFICIAL USE.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU HAVE NOT PREVIOUSLY RECEIVED AN EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME PROVIDED THE DELAY IS FOR REASONABLE CAUSE AS INDICATED IN SECTION 42-204, IDAHO CODE, AMENDED. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED.

EITHER THE BENEFICIAL USE POST CARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE MENTIONED DATE, OTHERWISE, THE PERMIT WILL LAPSE AND BE OF NO FURTHER FORCE OR EFFECT WITHIN 60 DAYS.

SINCERELY,

RITA FLECK
SR. SECRETARY

ENC: 1

WATER RIGHT NUMBER 65-7904

OWNER LAST NAME - WARD FIRST NAME - JACK D. ORIG OWNER -
ADDRESS LINE 1 - ADDRESS LINE 2 -
ADDRESS LINE 3 - CITY - GARDEN VALLEY STATE - ID ZIP CODE - 83662
SOURCE - RUSSELL CREEK TRIBUTARY OF - PAYETTE RIVER, SOUTH FORK
SOURCE - SPRINGS TRIBUTARY OF - RUSSELL CREEK
SOURCE - HANKS CREEK TRIBUTARY OF - PAYETTE RIVER, SOUTH FORK
SOURCE - SPRINGS TRIBUTARY OF - PAYETTE RIVER, SOUTH FORK
STAGE - PERMIT STATUS - PRIORITY - 07-05-1977 COUNTY - BOISE TOTAL DIV. RATE - .0800 -CFS
TOTAL DIV. VOLUME - .00 AFA TRFR/AMEND - WATER DIST. - 65 DLE/CAREY ACT - RIGHT BASIS - D
DIVERSION POINT - SENE 09 08N 05E LOT 00 REDIV - SENE 10 08N 05E LOT 00 REDIV - SWNE 10 08N 05E LOT 00 REDIV -
SENW 10 08N 05E LOT 00 REDIV - SWNW 10 08N 05E LOT 00 REDIV -
FROM - 04-01 TO - 11-01 USE - IRRIGATION USE DIV. RATE - .0800 CFS USE DIV. VOLUME - .00 AFA
USE - IRRIGATION PLACE OF USE - TWN 08N RNG 05E SEC 09
USE - IRRIGATION PLACE OF USE - TWN 08N RNG 05E SEC 10 TRACT SWNW LOT AC 01
DECREE NAME - DATE - TOTAL ACRES 1
REMARKS - THIS RIGHT WHEN COMBINED WITH RIGHT 65-7167 SHALL PROVIDE NO
MORE THAN .02 CFS/ACRE.
SOURCES FOR THIS RIGHT ARE HANKS CREEK, SPRINGS & RUSSELL CREEK
TRIB. SOUTH FORK, PAYETTE RIVER & SPRINGS TRIB. RUSSELL CREEK.
NON IRRIG USE -
OTHER RIGHTS FOR SAME USE -
PROOF DUE - PERMIT/DENIED - PROTESTED - HEARING - OLD NO. -
PROOF MADE - FLD EXAM - COND. OF APPROVAL -
DIVERSION MEANS -

Re: Permit No. 65-7904

Jack D. Ward
Garden Valley, ID 83662

Dear Mr. Ward:

Enclosed is a copy of your approved Application for Permit No.65-7904 . We direct your attention to the conditions of approval as listed on the fourth page.

Sincerely,

BOBBY D. FLEENOR
Chief, Water Rights

BDF/cah

Enclosure

1990

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

Application No. _____

☒ Source
☒ Point of Diversion
☒ County
☒ Quantity of Water and Period of Use
☒ Description of Diverting Works
☒ Time required for B/U of water
☒ Place of Use or Acres Irrigated
☒ Map
☒ Signature
☒ Fee

Pre-permit exam
☒ Adjudication Claim
Dam Construction
Papers Sent

In form to receipt

Send Copies to:

Idaho State Health Department
Idaho Fish and Game Department
Bureau of Land Management

Request Special Use Permit from U.S.F.S.
Request Easement from B.L.M.
Request Information from Applicant
Request Dam Safety Information

In form for advertising

Platted on Map No. _____

Located within Water District No. _____

Critical groundwater area: yes _____ no _____

Groundwater levels: N/A

Declining, Stable, Increasing

(comment) _____

Col Other rights on the same place of use none

Comments: _____

Affidavit of Publication received (date) 8-4-77

Final date for protests 8-8-77

Protests received: yes _____ no ☒

All requested information received from agencies or applicant: yes _____ no _____

Action recommended:

☒ Approve _____ Deny

Proposed Priority

Reason for Reduction

Measuring device required

☒ R/W clause
See attached sheet for other conditions of approval

No special conditions for approval

(15) District W By 722 Date 8-8-77

Supplemental

MEMORANDUM

TO: File 65-7903

Date: July 29, 1977

WMA FROM: Bill MacAllister

Re: Pre-Permit Exam

On July 21, 1977, I inspected the sources of the diversion proposed by Application No. 65-7903. The hot water springs are at or just above the high water marks of the South Fork of the Payette River in a steep, narrow canyon. Water from the first spring (western most) is currently being caught and pumped to existing greenhouses on the bench above the river. Several new greenhouses are under construction.

I estimate the flow of the hot springs to be 0.38 cubic feet per second. See attached sheet for calculations.

The applicant has Permit No. 65-7167 for the appropriation 0.12 cubic feet per second from the first spring. There are no other users of these springs before the water enters the Payette River.

RECOMMENDATION:

I recommend that this application be approved.



Measurements:

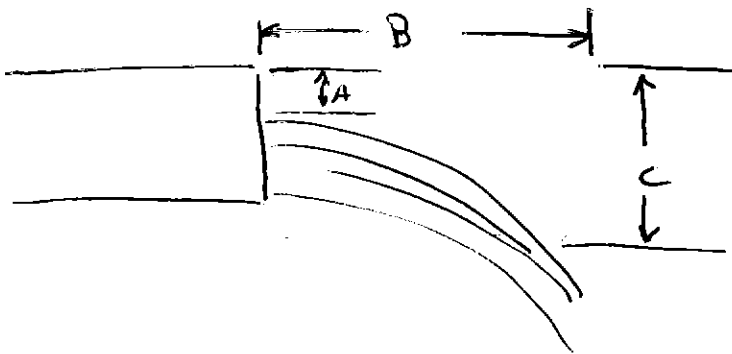
First Spring (west most spring)

0.2 feet of head flowing over
a 0.8 feet Cippolletti weir.

$$Q = 3.367 L H^{3/2} = .24 \text{ cfs}$$

Second Spring

Water flowing from 1 1/2 inch
pipe.



$$A = 0.06 \text{ ft}$$

$$B = 0.80 \text{ ft}$$

$$C = 1.00 \text{ ft}$$

For 2 inch pipe: $Q = 33 \text{ gpm}$ (full pipe)

For 1 1/2 inch pipe: (full pipe)

$$Q = 33 \text{ gpm} \times \frac{\pi (1.5)^2}{\pi (2)^2} = 18.6 \text{ gpm}$$

For not a full pipe:

$$Q = f \cdot Q = 0.48 (18.6) = 9 \text{ gpm} \\ = 0.02 \text{ cfs}$$

where f is fraction of full pipe.



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WESTERN REGION

John V. Evans
Governor

92 South Cole Road
Boise, Idaho 83705
(208) 384-2190

July 15, 1977

Re: Notice of Application for Water Permit No. 63-9976 -- Sylvan B. Wood
65-7903 -- Jack D. Ward
65-7904 -- Jack D. Wood
65-7805 -- Vernard &/or Donna Cochran

The Idaho World
Box 220
Idaho City, ID

Gentlemen:

Enclosed you will find a legal notice 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. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due after allowing all just credits and that no part of the same has been paid."

(Signature of Claimant)

Please send the affidavit of publication and publication billing to this office before August 8, 1977.

Sincerely,

RITA FLECK
Secretary

Bill submitted
8-4-77

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that JACK D. WARD
Garden Valley, Idaho
has on July 5, 1977 submitted Application No. 65-7904
for a permit to appropriate 0.08 cubic feet per second ~~approx~~
~~per second~~ of water from Hanks' Creek, Russell Creek & Hot Springs tributary to
South Fork Payette River
by means of Pipelines to pump and sprinkler system
within the SE1/4NE1/4, Sec 9; SE1/4NE1/4, SW1/4NE1/4, SE1/4NW1/4, SW1/4NW1/4, Sec 10, T8N-R5E, B.M.,
Boise County
to be used from Jan 1 to Dec 31
for the irrigation of 4 acres
within the SW1/4NW1/4 Sec 10, SE1/4NE1/4 Sec 9, T8N-R5E B.M.

If issued, this permit will be subject to all prior water rights. Pro-
tests against the granting of the permit must be filed with the Director of
the Idaho Department of Water Resources, 92 South Cole Road, Boise, Idaho
83705 on or before August 8, 1977.

C. STEPHEN ALLRED

Director

Published in the The Idaho World, Idaho City, Idaho
on July 22, 1977 and July 29, 1977.

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1978
BY
NATIONAL ARCHIVES
COLLIER