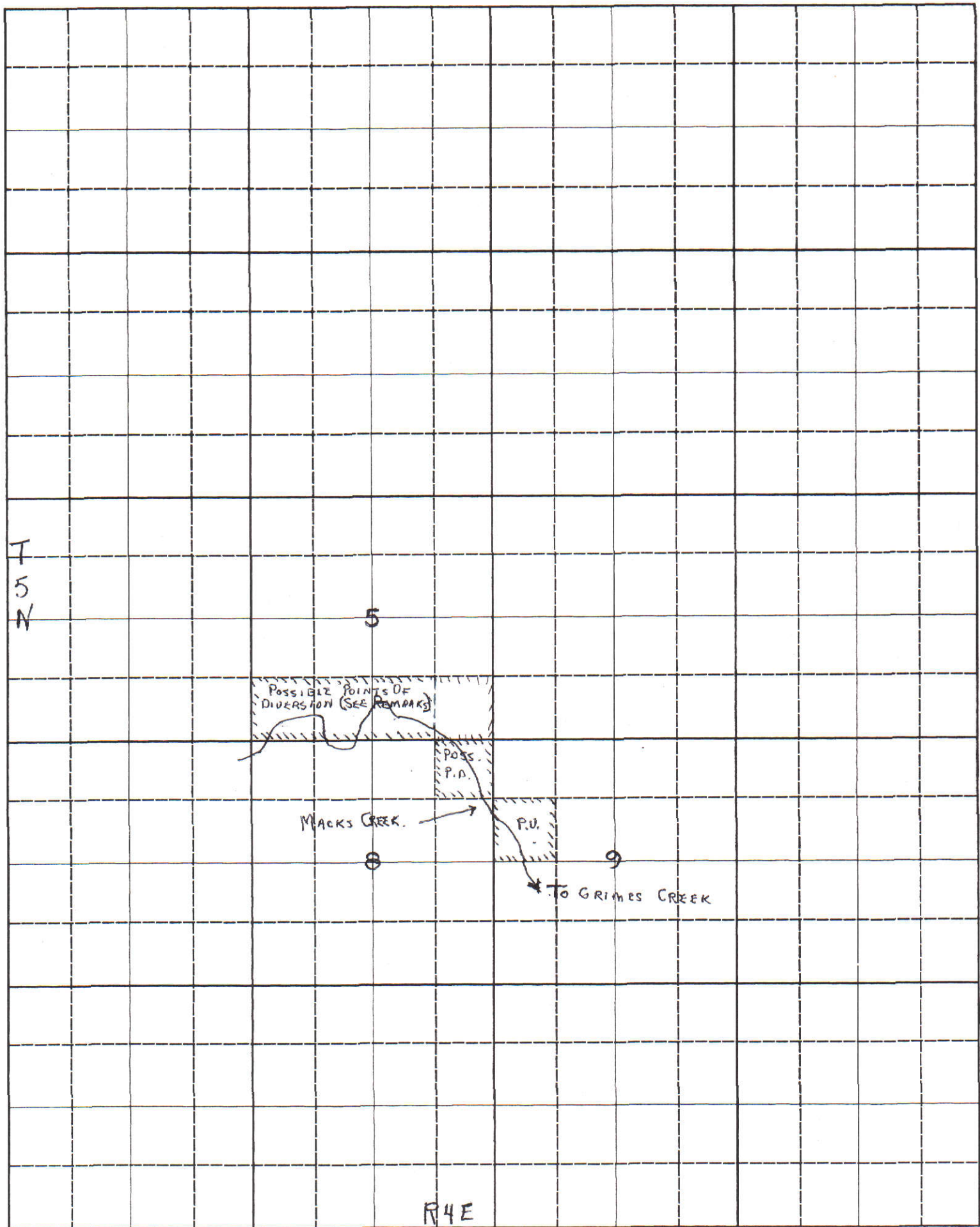


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

Wayd E. Audette
(Applicant)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
DEC 17 1987

Department of Water Resources

A. GENERAL INFORMATION

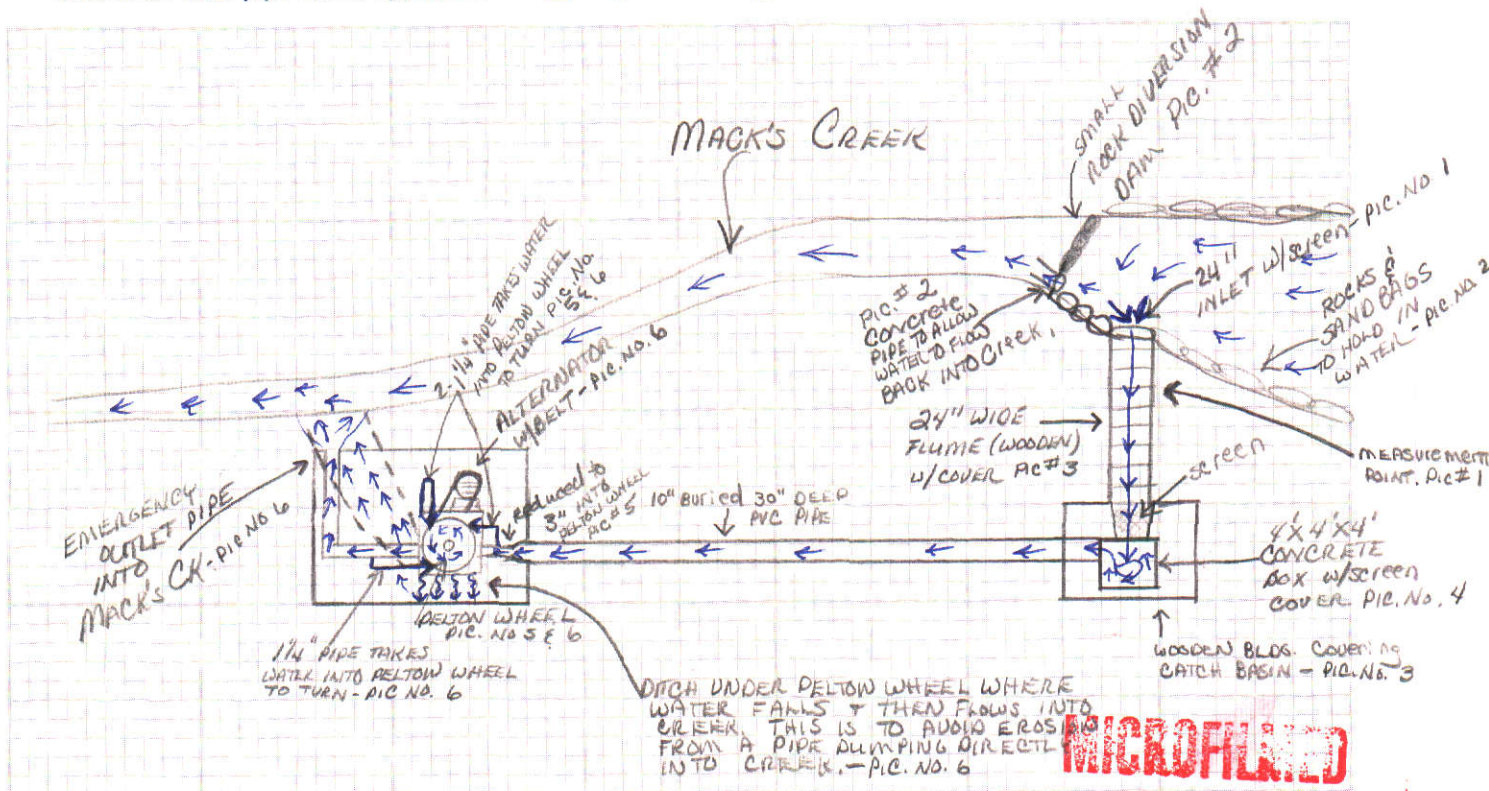
Permit No. 63-9878
Phone No. 392-4213
1. Owner: FLOYD E. +/OR CLAIRE A. AUDETTE
Current Address: IDAHO CITY STAGE, BOISE, ID 83706
2. Accompanied by: FLOYD AUDETTE EXAM. DATE: 6/9/87 & 10/6/87
Address: _____ Phone No. _____
Relationship to Permit Holder: SAME
3. Source: MACKS CK. tributary to GRIMES CK.

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE ☐ Copies Attached
2. Other water rights with same point of diversion: BOISE CASCADE HAS CLAIM NO. 63-5338
SEE OVERLAP REVIEW ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

FEB 29 1988

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).

PERMIT No. 63-9878 - FLOOD AUDIT



PICTURE No. 1
POINT OF DIVERSION FROM MACK'S CREEK. FLUME IS UNDER WOODEN WALKWAY. MEASURING POINT WAS ACCESSED BY LIFTING UP BOARDS IN WALKWAY. PICTURE TAKEN FACING NORTH.



PICTURE No. 2
DIVERSION DAM AT POINT OF DIVERSION WITH OUTLET TO THE LEFT OF FLUME. PICTURE TAKEN FACING SOUTH.

MICROFILMED

FEB 29 1988

PERMIT No. 63-9870 FLOYD AUDETTE



PICTURE No. 3
WOODEN BRDG.
W/CATCH BASIN.
WATER FLOWS
THRU FLUME INTO
CATCH BASIN. 10"
PVC PIPE LINE LEAVES
BRDG. AS INDICATED
& FLOWS 3200' TO
DOWER HOUSE. PICTURE
TAKEN FACING
NORTH.



PICTURE No. 4
INSIDE ABOVE
BRDG. SHOWING
THE CONCRETE
CATCH BASIN.

RECORDED

FEB 29 1966

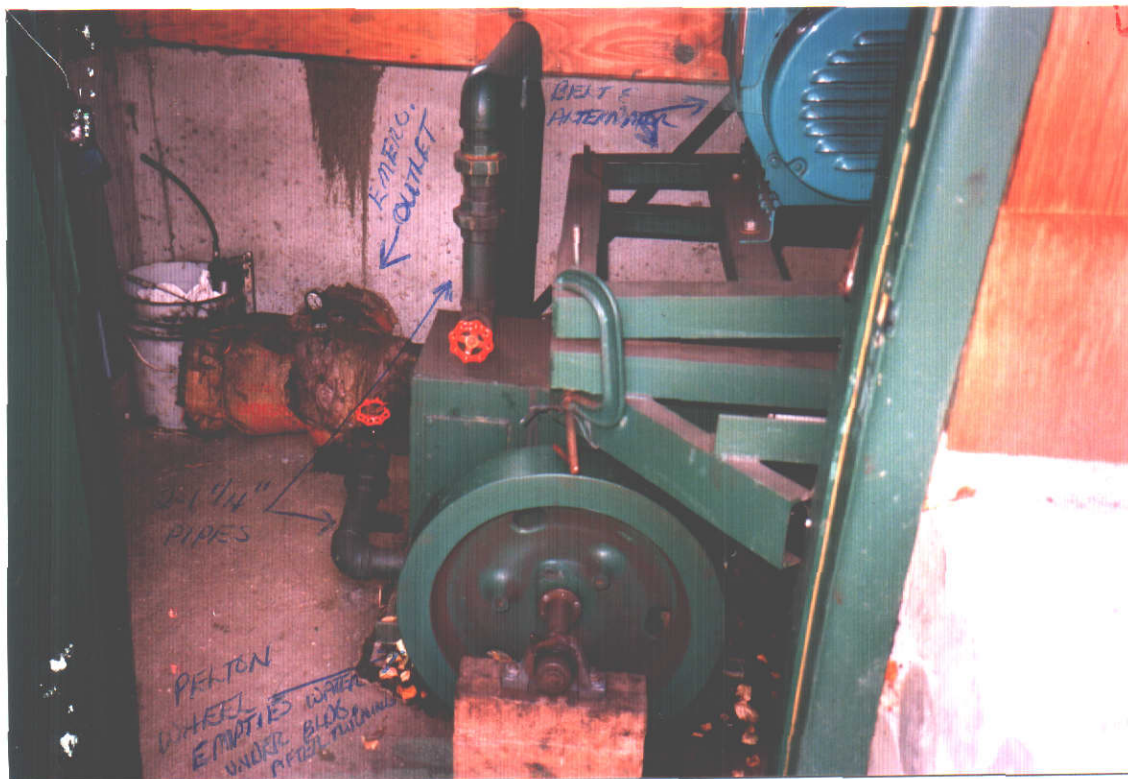
PERMIT No. 63-9878- FLOYD AUDETTE



PICTURE NO. 5
INLET INTO THE
POWERHOUSE. PELTON
WHEEL CAN BE SEEN
ON THE LEFT AND
1 OF THE $1\frac{1}{4}$ " PIPES
THAT EMPTY INTO
THE WHEEL CAN ALSO
BE SEEN.

MICROFILMED

FEB 29 1988

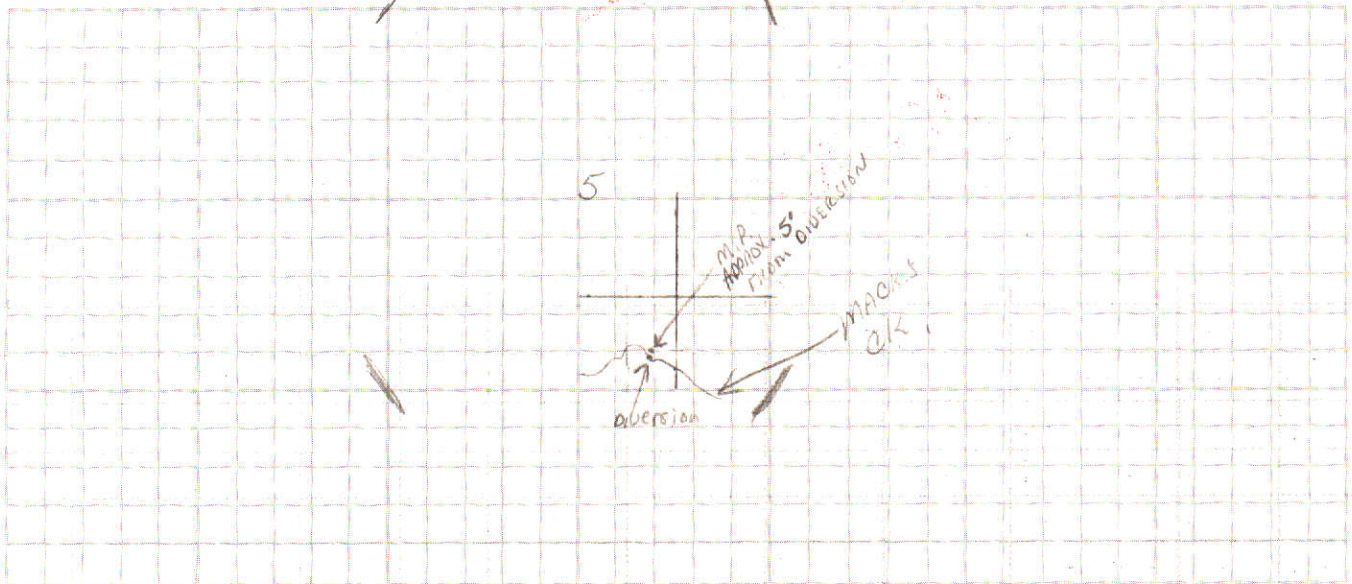


PICTURE NO. 6
PELTON WHEEL
WITH THE OTHER
2 $1\frac{1}{4}$ " PIPELINES
WHICH FLOW WATER
INTO WHEEL ARE ALSO
SHOWN. BELT &
ALTERNATOR ARE
IN UPPER RIGHT OF
PICTURE. WATER
FLOWS OUT FROM UNDER
PELTON WHEEL WITH AN
EMERGENCY OUTLET
ON LOWER LEFT HAND
SIDE SHOWN.

C. DIAGRAMS

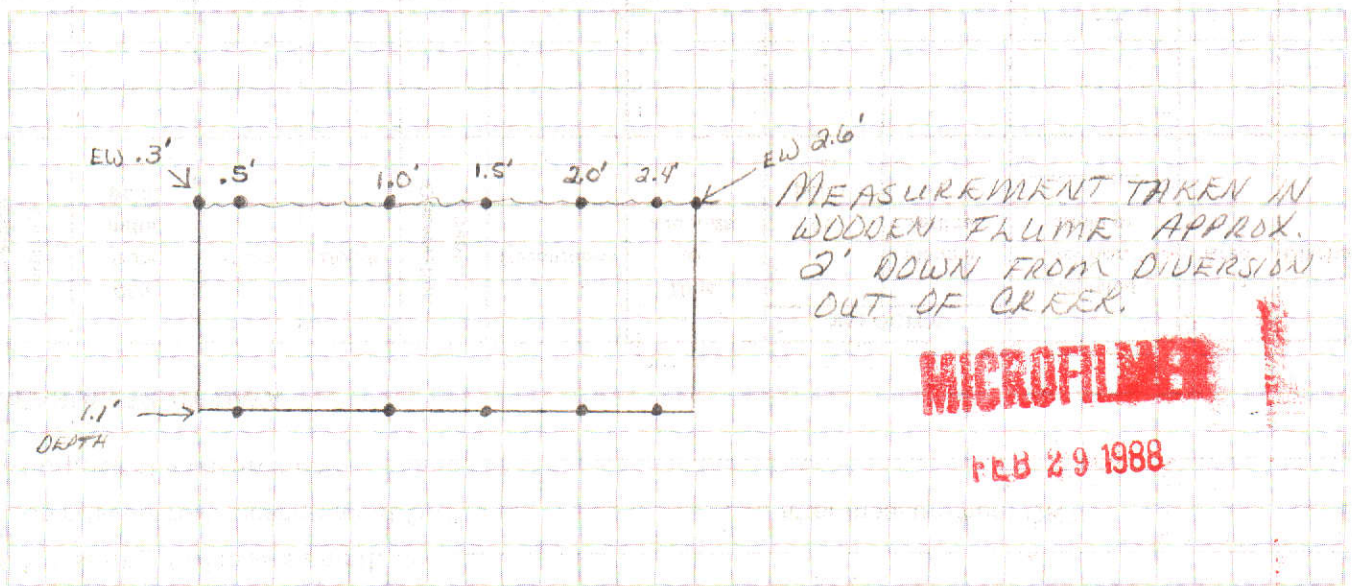
1. Measurement Location

Scale: 2" = 1 mile



2. Cross-Section of Measurement

Scale: 1" = 1'



D. SUMMARY INFORMATION

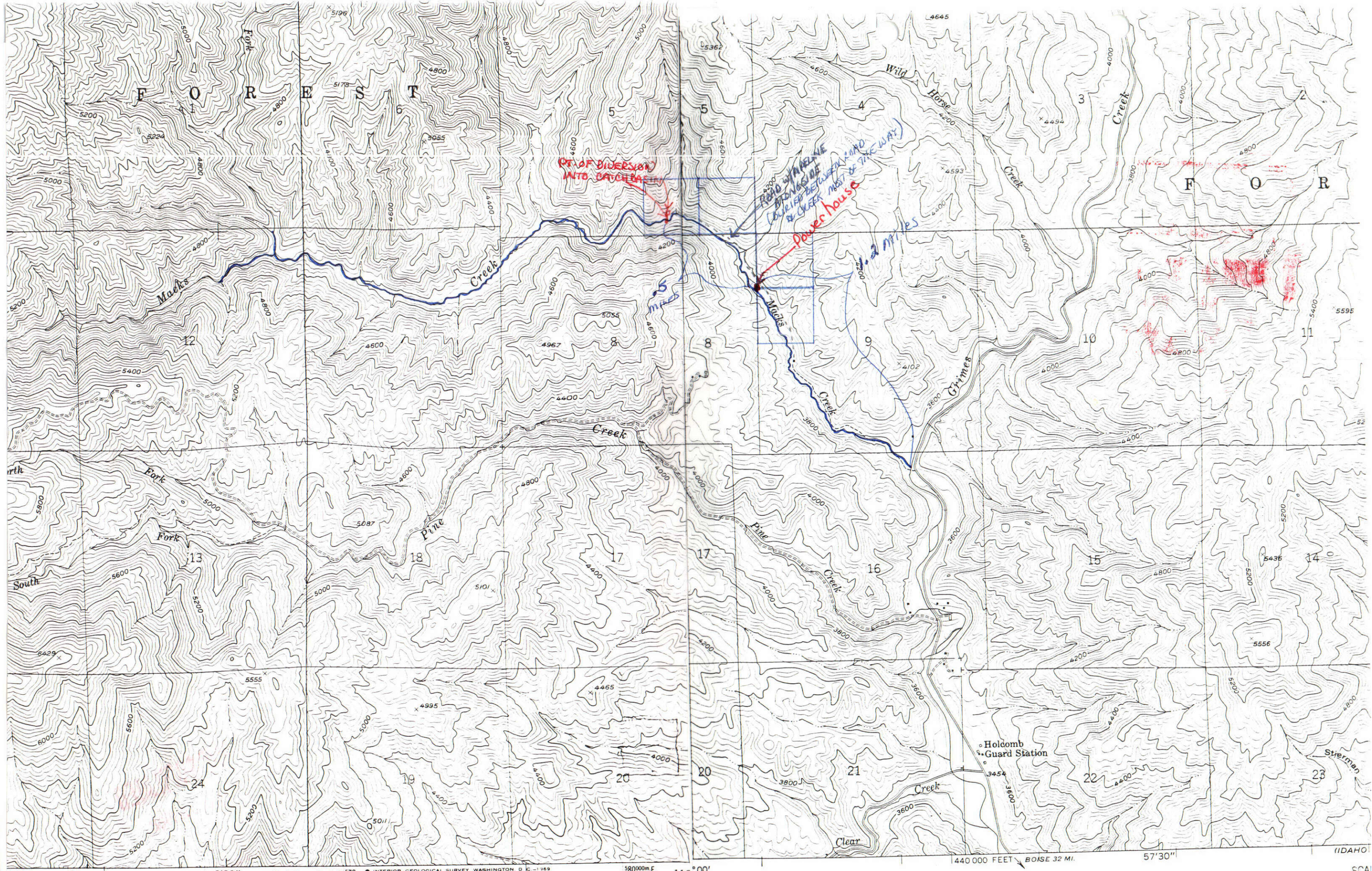
1. Measurement rated X excellent good fair poor

2. Remarks: THIS WAS AN IDEAL M. P. SINCE FLUME HAD AN EVEN BOTTOM & THERE WAS NO TURBULENCE AT THIS POINT.

3. Width: 2.2' Area: 2.6' Discharge in cubic feet per second: 1.59 CFS

DATE 10/6/87

SIGNATURE OF PERSON CONDUCTING MEASUREMENT Jan Thurtell

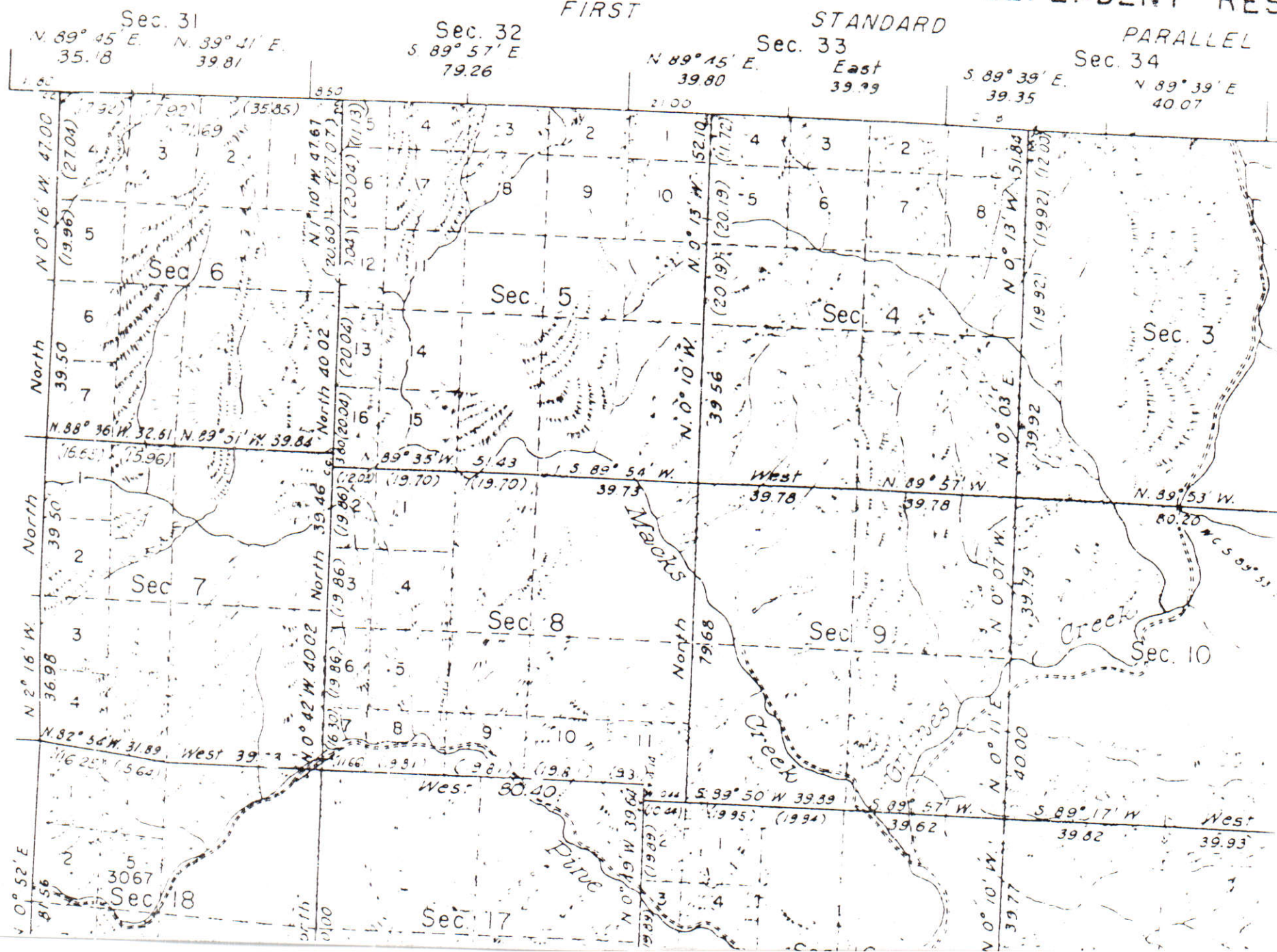


2 500' 576 2'30" R. 3. E. R. 4. E. 578 • INTERIOR-GEOLOGICAL SURVEY WASHINGTON, D. C. - 1969 580000m E. 116° 00'

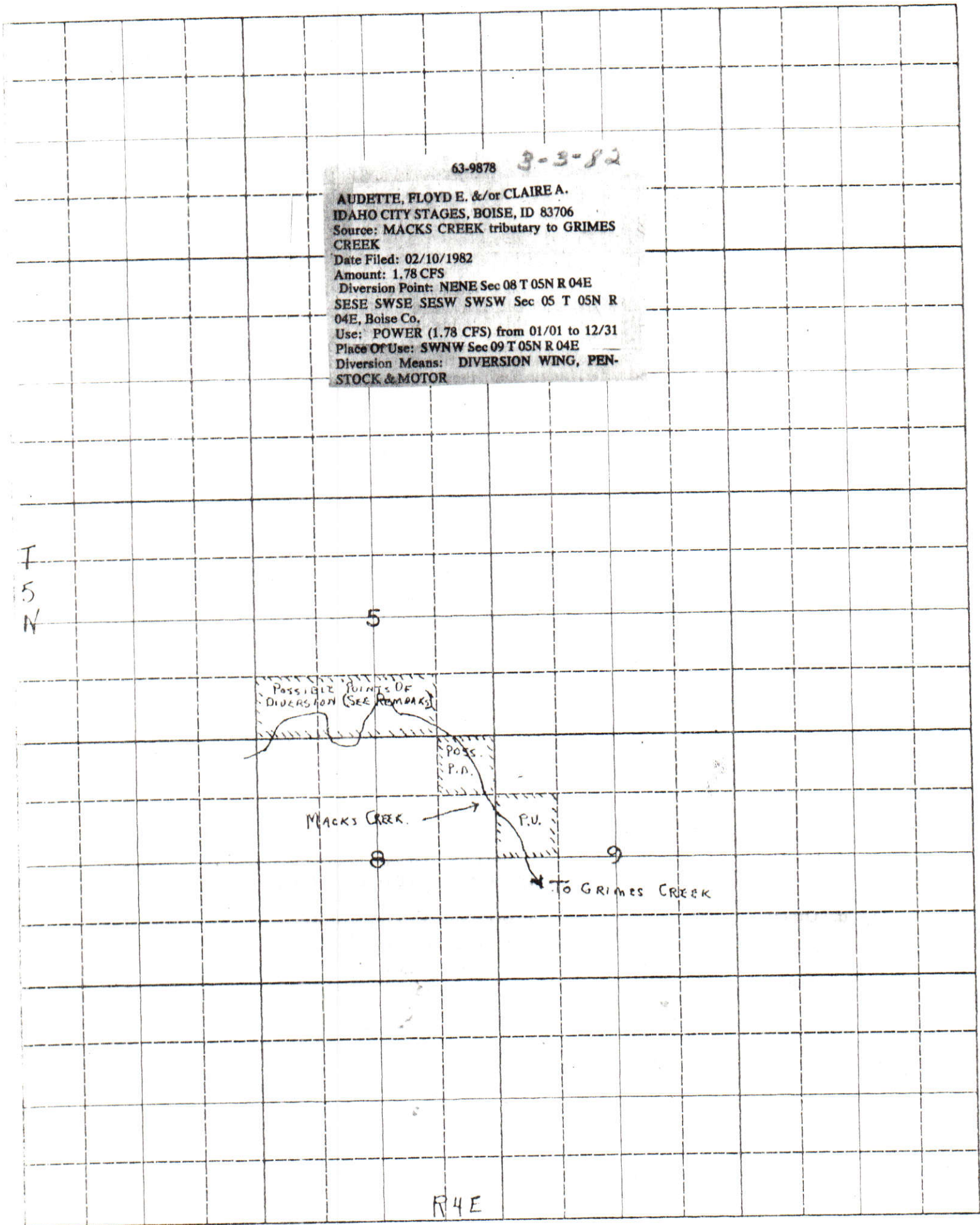
Mapped by U. S. Forest Service
Edited and published by the Geological Survey
Control by USGS, USC&GS, and USFS



DEPENDENT RES



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



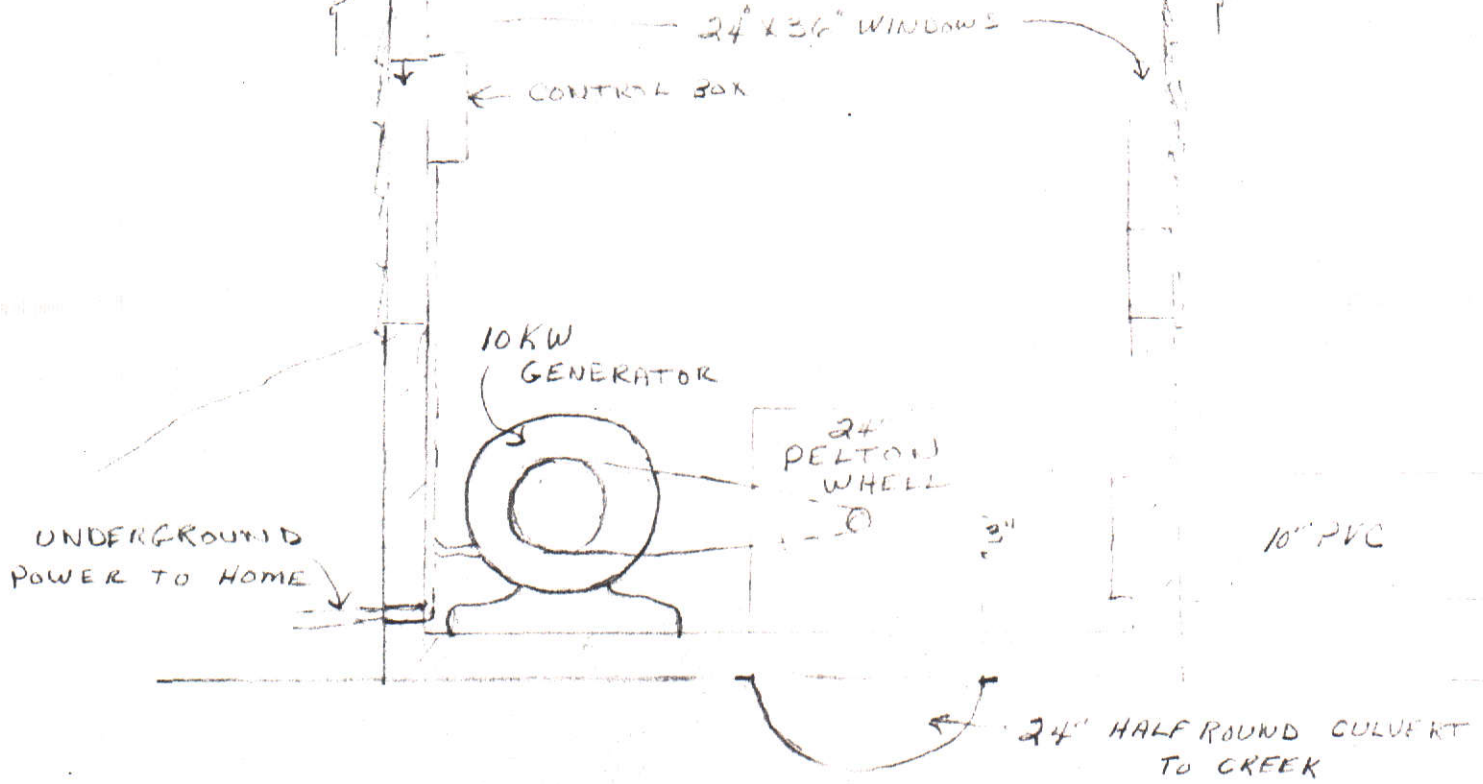
Scale: 2 inches equal 1 mile.

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.

FLOYD E. AUDETTE
(Applicant)

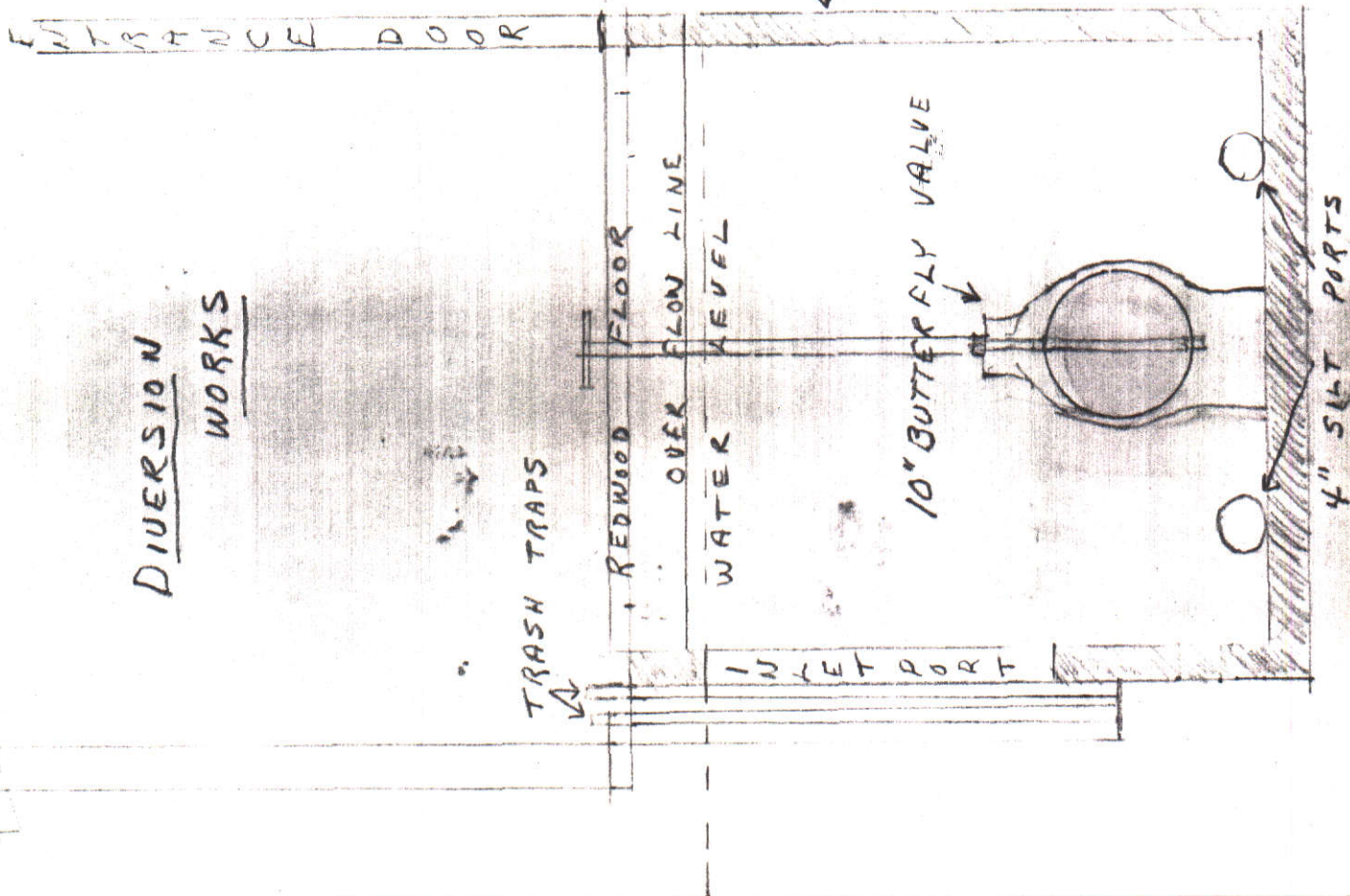
MICROFILMED

FLOYD E. & CLAIRE A. AUDETTE
c/o IDAHO CITY STAGE
BOISE, IDAHO 83706

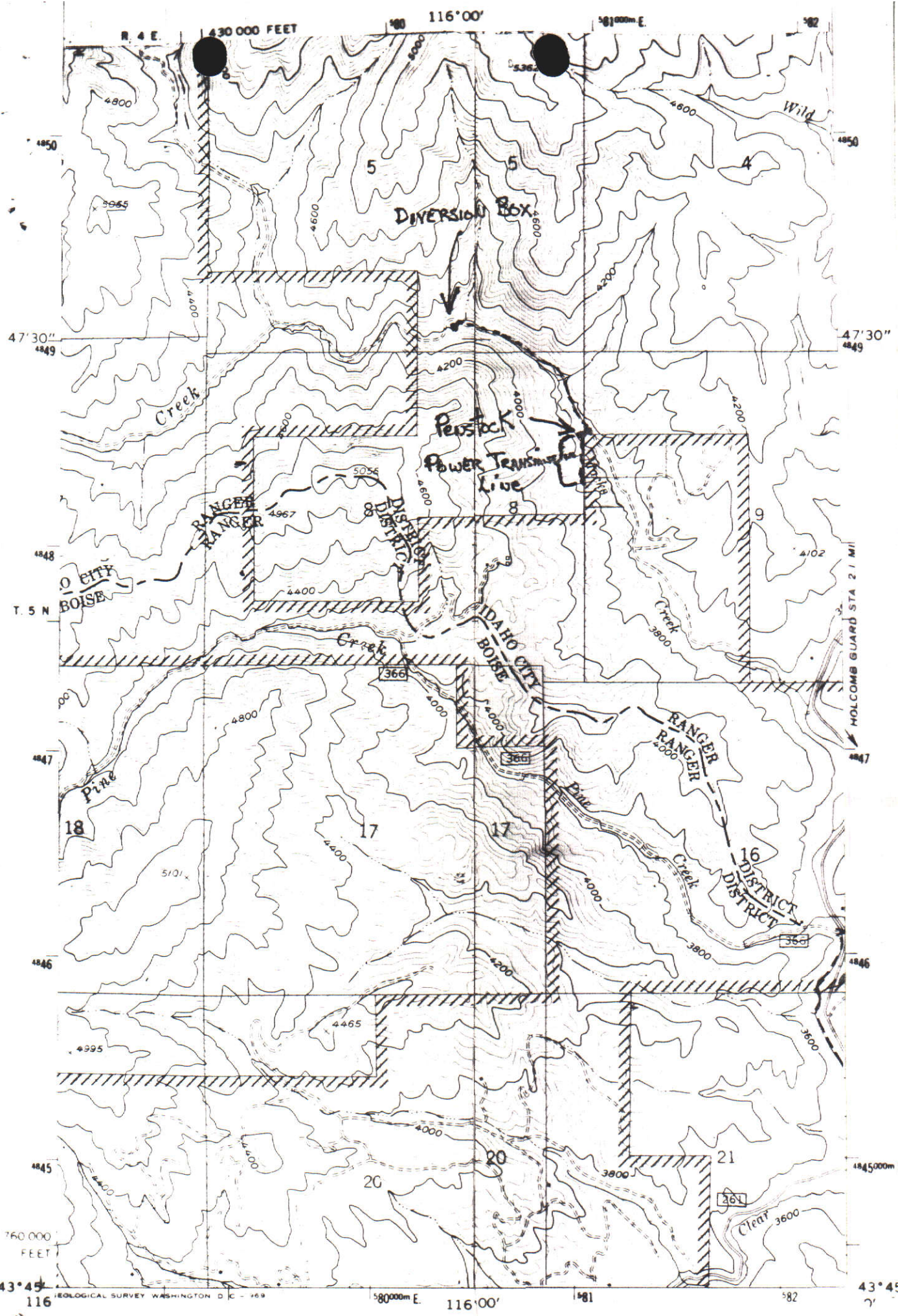


TURBINE HOUSE

4' x 4' x 4'
CONCRETE BOX



MICROFILMED



RECEIVED

PIE CREEK

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-9878

Priority: February 10, 1982 Amount: 1.52 CFS 1100.4 AFA

This is to certify, that FLOYD E. AUDETTE
CLAIRE A. AUDETTE

HC 33 BOX 4023
BOISE, ID 83706

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated February 10, 1982, and has submitted proof to the Department of Water Resources on June 11, 1987, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 1.52 cfs of water from;

MACKS CREEK tributary to GRIMES CREEK

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>
Power	01/01 to 12/31	1.52 cfs	1100.4 afa

LOCATION OF POINT OF DIVERSION(S): SWSE , Sec. 5, Township 5N, Range 4E
Boise County

PLACE OF USE: Power

TWN RGE SEC
5N 4E 9 SWNW

CONDITIONS/REMARKS:

1. The right to the use of the 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. The water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this license.
5. A measuring device of a type approved by this Department shall be maintained as a part of the diverting works.
6. Use of water under this license is subject to control by the watermaster of State Water District No. 63 .

MICROFILMED

FEB 29 1988

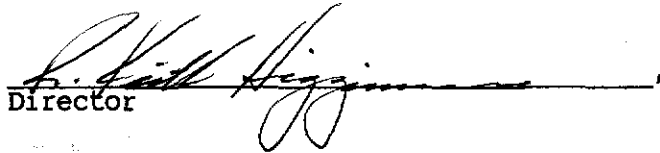
State of Idaho
Department of Water Resources

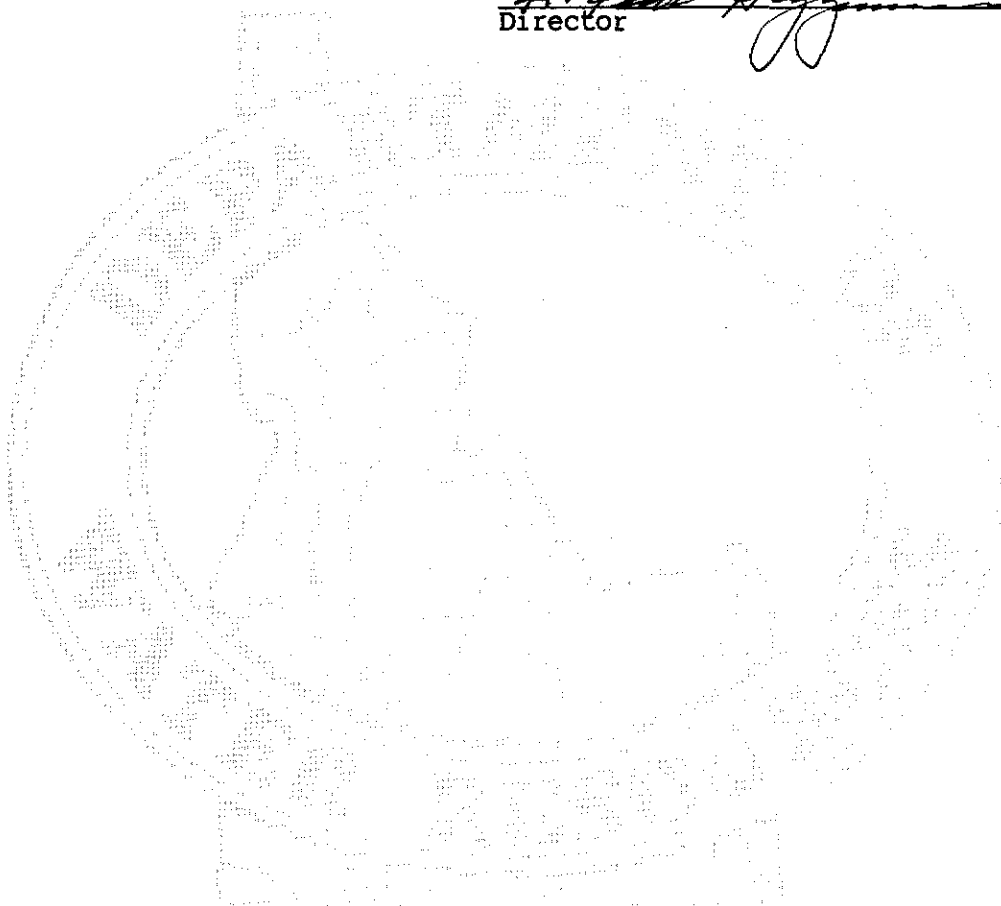
PAGE 2

WATER RIGHT LICENSE

WATER RIGHT NO. 63-9878

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 10th day of February, 19 88.


Director



MICROFILMED

FEB 29 1988

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 Floyd E. and/or Claire M. Audette Phone _____

Post office address Idaho City Stages, Boise, ID, 83706

2. Source of water supply Macks Creek which is a tributary of Grimes Creek

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 8 Township 05N

Range 04E B.M. Boise County, additional points of diversion if any: _____

SESE, SWSE, SESW, SWSW, SEC. 05, Twp. 05N, Rge. 04E (See Remarks)

4. Water will be used for the following purposes:

Amount 1.78 cfs for _____ Power _____ purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

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

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

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

5. Total quantity to be appropriated:

a. 1.78 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Diversion wing in stream with penstock to turbine.

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 _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial

use is 5 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: SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 9 Township 05N

Range 04E B.M.

(2) Amount of power to be generated: 10.6 horsepower under 75 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: _____

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. N/A

9. a. Who owns the property at the point of diversion U.S. Forest Service

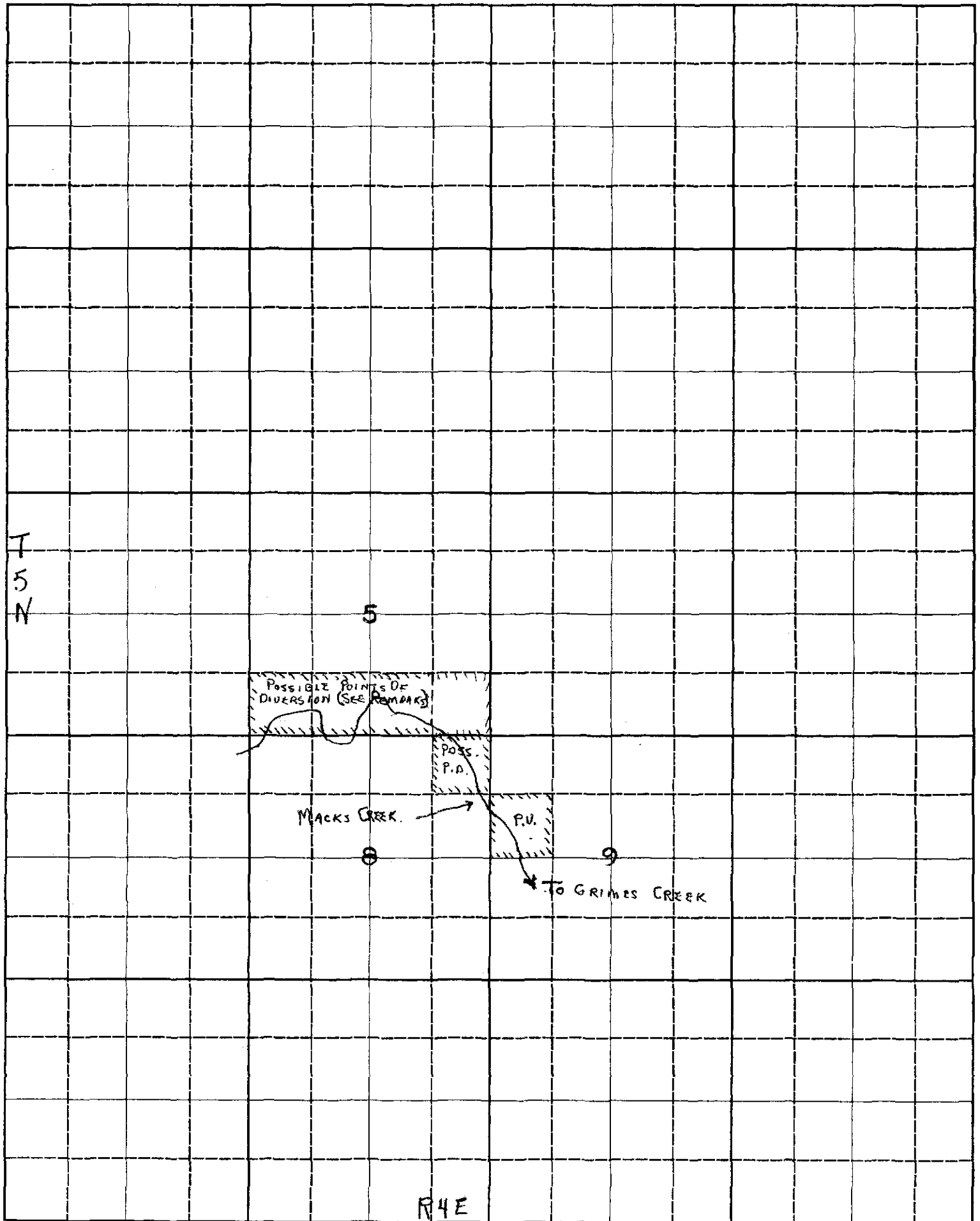
b. Who owns the land to be irrigated or place of use Applicant

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing Applicant arranging with neighbor for easement for penstock to cross neighbor's land and with Forest Service for special use permit for transmission line across Forest Service Land.

10. Remarks Engineering is not totally completed at this time. Completion may reveal
necessity to utilize one of the additional Points of Diversion listed.

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

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.

Lloyd E. Audette
(Applicant)

Processed Priority 2/10/1982

Received by ASR Date 2/10, 1982 Time 3:10 P.M.
Preliminary check by JG Fee \$ 65⁰⁰/₁₀₀
Receipted by ASR Date 2/10, 1982 # 21922
Publication prepared by JP Date 2/25/82
Published in Idaho World
Publication dates 3/4 & 3/11/82
Publication approved JP Date 3-15-82
Protests filed by: None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by DBS

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. 63-9878, 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 January 1, 19 88.
- 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:

Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

The issuance of this permit in no way grants any right-of-way or easement across the land of another.

An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

This permit is subject to the provisions of Sections 42-205 through 42-210, Idaho Code, restricting the sale, transfer, assignment, or mortgage of this permit. Failure to comply with these provisions is cause for immediate cancellation of this permit.

This project shall be operated in a manner that will not conflict or interfere with the future diversion of water for irrigation or other beneficial consumption.

This permit does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.

Use of water under this permit is subject to control by the watermaster of State Water District No. 63, Boise River.

Witness my hand this 12th day of January, 1983.

A. Glen Saxton
Chief, Operations Bureau

DGT

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

A. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

I, Floyd E. Audette of Unincorporated,
(name) (city)

county of Boise, State of Idaho, being duly sworn, do
hereby certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ of _____,
(name) (city)

County of _____, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____

_____ : that as such I am in charge of the registered
(name of corporation)

office of the said corporation as required by Section 30-1-12, Idaho Code, at

_____ Idaho, wherein are kept the corporate records required
(city)

by Section 30-1-52, Idaho Code: and that _____
(name of corporation)

is a corporation qualified to do business in the State of Idaho under the laws of
the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for
Permit:

☒ Will not utilize existing man-made irrigation facilities such as a dam or a
canal.

☐ Will utilize existing man-made irrigation facilities such as a dam or a canal,
and permission of the owner is documented in an affidavit attached hereto.

☐ Will utilize existing man-made irrigation facilities such as a dam or a canal
and the owner of the facilities is the signee of this affidavit.

(CIRCLE ONE)

Floyd E. Audette
Applicant

State of Idaho)
County of Ada) ss.

On this 10 day of February, 19 82, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged
to me that he (she) (they) executed the same.

Nancy M. Hathway
Notary Public residing at
Boise

My commission expires:

Life

Idaho City, Boise County, Idaho

LEGAL NOTICES

NOTICE OF APPLICATION
FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

67-7559

HUGON, DINO A. &/or DAWN
STAR RT., GARDEN VALLEY, ID 83622
Source: SPRINGS tributary to SINKS
Date Filed: 02/11/1982
Amount: 0.03 CFS
Diversion Point: SENE NESE Sec 34 T 10N
R 04E, Boise Co.
Use: irrigation (0.03 CFS) from 04/01 to 11/01
STOCKWATER (0.02 CFS) from 01/01 to 12/31
Place of Use: NESE Sec 34 T 10N R 04E FOR
1 ACRES
Diversion Means: SPRING BOXES & PIPE
LINES

63-9878
AUDETTE, FLOYD E. &/or CLAIRE A.
IDAHO CITY STAGES, BOISE, ID 83706
Source: MACKS CREEK tributary to GRIMES
CREEK
Date Filed: 02/10/1982
Amount: 1.78 CFS
Diversion Point: NENE Sec 08 T 05N R 04E
SESE SWSE SESW SWSW Sec 05 T 05N R
04E, Boise Co.
Use: POWER (1.78 CFS) from 01/01 to 12/31
Place Of Use: SWNW Sec 09 T 05N R 04E
Diversion Means: DIVERSION WING, PEN-
STOCK & MOTOR

63-9879
NEWELL, RONALD &/or BETTY
3117 IOWA, CALDWELL, ID 83605
Source: WOOF CREEK tributary to GRANITE
CREEK—UNNAMED STREAMS tributary to
WOOF CREEK
Date Filed: 02/18/1982
Amount: 2.00 CFS
Diversion Point: NWSE NWNE NESE SWSE
Sec 11 T 07N R 04E NENE SENE NESE Sec 14
T 07N R 04E SESW SWSW Sec 12 T 07N R 04E
NWNW SWNW Sec 13 T 07N R 04E, BOISE CO.
Use: MINING (2.00 CFS) from 01/01 to 12/31
DOMESTIC (0.11 CFS) from 01/01 to 12/31
Place of Use: NWSE NWNE NESE SWSE Sec
11 T 07N R 04E NENE SENE NESE Sec 14 T
07N R 04E SESW SWSW Sec 12 T 07N R 04E
NWNW SWNW Sec 13 T 07N R 04E
Diversion Means: PUMPING PLANTS, DIT-
CHES & HOLDING PONDS

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 92 S. Cole Road, Boise, Idaho 83709 on or before MARCH 22, 1982.

A. KENNETH DUNN, Director

Published in the Idaho World in Idaho City, Idaho on March 3 and 10, 1982.

STATE OF IDAHO,
County of Boise

Camille L. Lanning, 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
..... 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
3:3....., 1982... and end.

ing with the issue of 3:1.C....

1982...
Camille L. Lanning
Subscribed and sworn to before

me this 13th day of Mar 1982

D. J. H. H. H.

RECEIVED

MAR 15 1982

Department of Water Resources
Western Regional Office

February 11, 1988

FLOYD E. & CLAIRE A. AUDETTE
HC 33 BOX 4023
BOISE, ID 83706

RE: Permit No. 63-9878

Dear Permit 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:sc

Enclosure

MICROFILMED

FEB 29 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No. _____

1. **Measurement Calculations**

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

- b) Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

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

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

- c) Volume Calculations for Other Uses:

2. **Overlap Review** *per VAX:*

- a) Other water rights with same place of use: *domestic & irrig. used*
only - no power overlap.

- b) Other water rights with same point of diversion: *63-5338 - claim, no*
overlap

- c) Analysis:

RECEIVED

FEB 29 1988

10 day

- Allowable Maximums: 1.52 c/w 1100.4 AFA

- Date**

1/4/88

January 18, 1988

FLOYD E. & CLAIRE A. AUDETTE
HC 33 BOX 4023
BOISE, ID 83706

RE: Permit No. 63-9878

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

RECORDED
FILMED

FEB 29 1988

DATE 1/4/88

FROM

Ray Walker

TO

File 63-9878

SUBJECT

Volume of water to be licensed -

$$1.52 \times 1.9835 \times 365 \text{ days} = 1100 \text{ cfs} \quad \text{AFA}$$

FEB 29 1988

per phone
conversation
with examiner -

At. holder told Jan that the power
produced is not always enough -
he sometimes has to turn off some
of his electrical appliances to
use others... uses power at his residence only.

SIGNATURE

Sec. 42-203B

Term of Years for license does not
apply -

- a. no power being sold ✓
- b. not regulated by the PUC ✓
- c. FERC exemption ✓
- d. term of years not applied when permit was issued. ✓

RECEIVED

KW
1/4/88

FEB 29 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

RECEIVED
DEC 17 1987

A. GENERAL INFORMATION

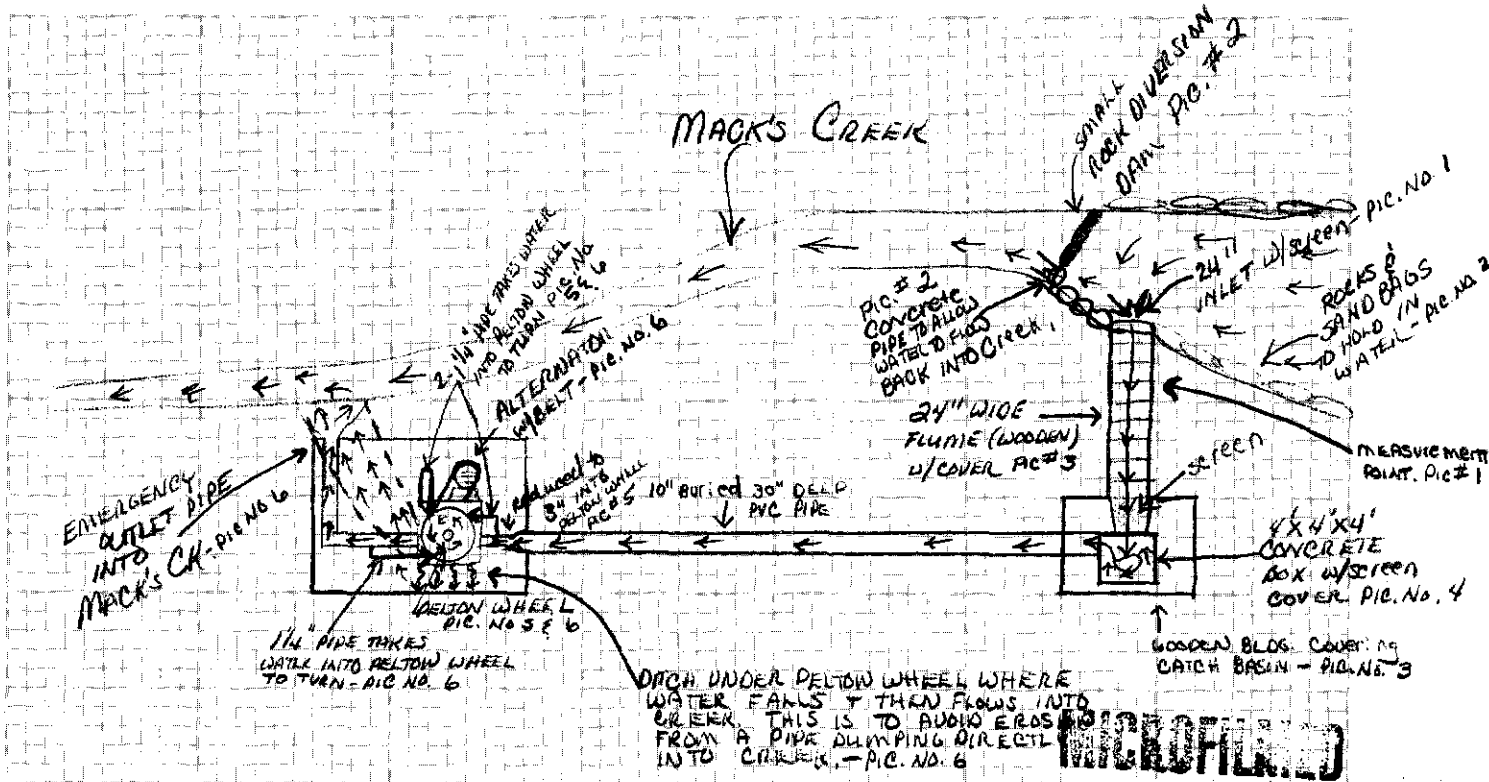
1. Owner: FLOYD E. & /OR CLAIRE A. AUDITE Permit No. 63-9878
Current Address: IDAHO CITY STAGE, BOISE, ID 83706 Phone No. 392-4213
2. Accompanied by: FLOYD AUDITE EXAM. DATE: 6/9/87 & 10/6/87
Address: _____ Phone No. _____
Relationship to Permit Holder: SAME
3. Source: MACKS CK. tributary to GRIMES CK.

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE
_____ ☐ Copies Attached
2. Other water rights with same point of diversion: BOISE CASCADE HAS CLAIM NO. 63-5338
SEE OVERLAP REVIEW ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

FEB 29 1988

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

System Description (continued)

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

MACK'S CREEK HAS SMALL ROCK DIVERSION DAM W/24" INTAKE PIPE INTO WOODEN FLUME WHICH FLOWS TO A 4'X4'X4' CONCRETE CATCH BASIN HOUSED IN A WOODEN BLDG. TRASH SCREENS ARE INSTALLED IN FLUME BEFORE WATER FLOWS INTO CATCH BASIN. CATCH BASIN HAS A 10" OUTLET PIPE WHICH IS BURIED 30" UNDERGROUND TO AVOID FREEZING. SILT TRAPS ARE INSTALLED IN CATCH BASIN. WATER FLOWS THRU 2200' OF 10" PVC PIPE WITH 78' OF HD. TO POWER HOUSE. PIPE SIZE IS REDUCED TO 3" THEN INTO 3-1/4" PIPES WHICH DISCHARGE INTO A 17" PELTON WHEEL WHICH THEN POWERS THE BELT ON THE ALTERNATOR.

☒ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	GRAVITY FLOW				

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SW	SE	5	5N	4E	BOISE	

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
5N	4E	9							P										

RECORDED

FEB 29 1988

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
PYGMY METER						
IN PERMANENTLY INSTALLED FLUME.						

2. Measurements:

SEE ATTACHED OPEN CHANNEL DISCHARGE MEAS. NOTES.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: PYGMY METER - 1.52 CFS MEAS.

✓ estimate by Mr. Audette

2. Alternate Method for Checking Purposes:

PRODUCES 5KW WITH 78' HD

$$Q = \frac{P(11.8)}{H_e} \text{ OR } Q = \frac{5KW(11.8)}{78'(1.80)} = \frac{59}{62.4} = .95 \text{ CFS}$$

(AT POWERHOUSE NOT DIVERSION POINT) (Same as at Pelton Wheel)

F. PUMP EFFICIENCY DATA (Optional)

Note: It appears that the KW output ^{a is} looks low est. Dist 12/15/87

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.} = (Acres Irrigated) x (Irrigation Requirement) = N/A

V_{D.R.} = [Diversion Rate (cfs)] x (Days in Irrigation Season) x 1.9835 = _____

V = Smaller of V_{I.R.} and V_{D.R.} = _____

2. Volume Calculations for Other Uses:

N/A MICROFILMED

FEB 29 1988

H. REMARKS AND OVERLAP REVIEW ANALYSIS

AFTER WATER FLOWS THRU PELTON WHEEL IT FALLS DOWN INTO A DITCH UNDER THE WHEEL
 & POWERHOUSE WHICH FLOWS UNDER & OVER A FLAT CEMENT SURFACE BEFORE ENTERING CREEK
 TO AVOID EROSION. POWER LINE LEAVES POWER HOUSE & GOES UPHILL TO
 SERVICE HOME. PRODUCES JUST UNDER 5 KW.

Consider rectangular flume to satisfy measurement device requirement. DCR

63-5338- BOISE CASCADE FILING FOR COMMERCIAL- DUST ABATEMENT (LOGGING ROADS)
 FIRE PROT (ASSUMED USE) STOCKWATER- 400 hd. sheep- SHOULD CAUSE NO OVERLAP PROBLEMS.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
POWER	1/1	12/31	1.52 CFS	N/A
Totals:				

2. Recommended Amendments

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

J. AUTHENTICATION

Field Examiner's Name JAN SHURTE
 Signature Jan Shurte
 Certification Date _____
 Field Report Preparation Date 12/11/87



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

MICROFILMED

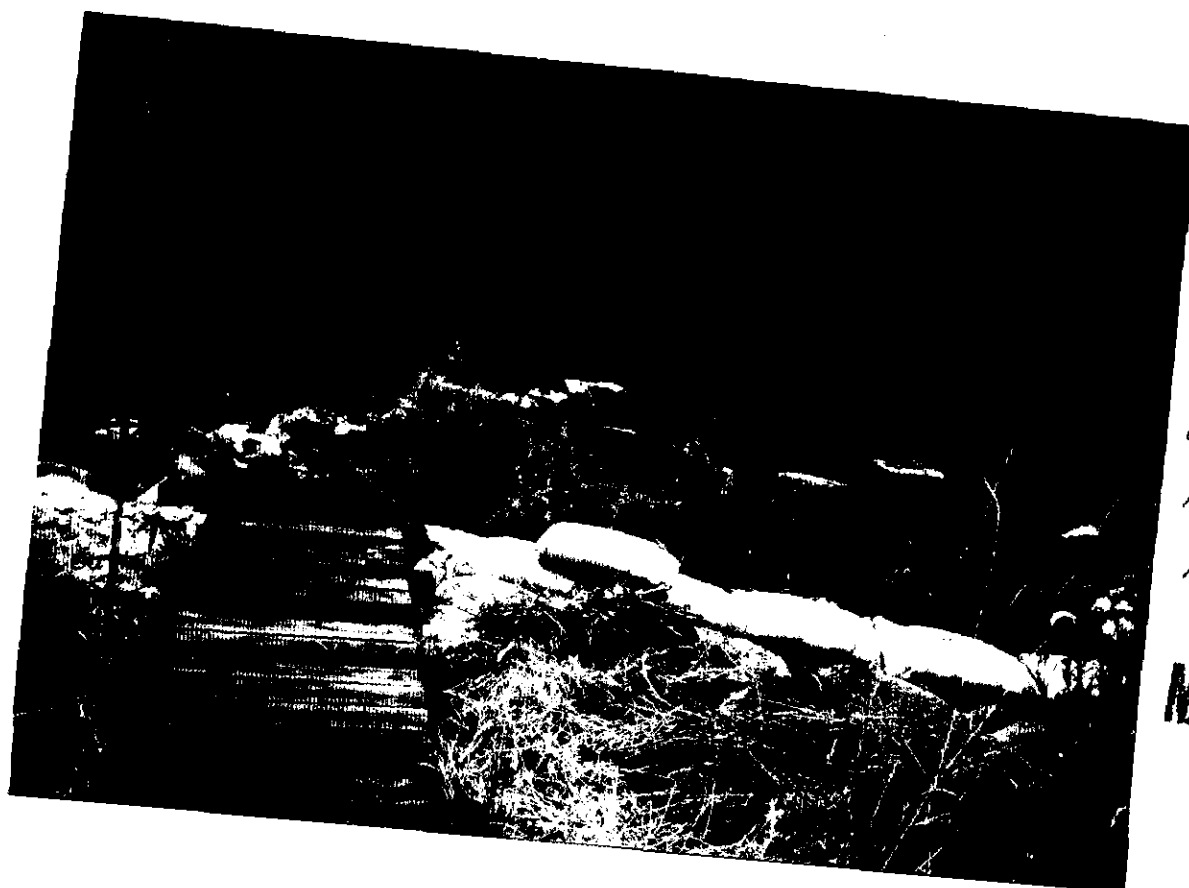
FEB 29 1988

KW
 1/4/88

PERMIT No. 63-9878 - FLOOD AUDIT



PICTURE No. 1
POINT OF DIVER-
SION FROM MACK'S
CREEK. FLUME
IS UNDER WOODEN
WALKWAY. MEA-
SURING POINT WAS
ACCESSED BY LIFTING
UP BOARDS IN WALK
WAY. PICTURE
TAKING FACING NORTH.



PICTURE No. 2
DIVERSION DAM
AT POINT OF DI-
VERSION WITH
OUTLET TO THE
LEFT OF FLUME.
PICTURE TAKEN
FACING SOUTH,

MICROFILMED

FEB 29 1988

PERMIT No. 63-9870 FLOYD AUDETTE



PICTURE No. 3
WOODEN BLDG.
W/ CATCH BASIN.
WATER FLOWS
THRU FRUME INTO
CATCH BASIN. 10"
PVC PIPE LINE LEAVES
BLDG. AS INDICATED
& FLOWS ^{2200'} TO
_(SOUTHWEST)
DOWER HOUSE. PIC-
TURE TAKEN FACING
NORTH.



PICTURE No. 4
INSIDE ABOVE
BLDG. SHOWING
THE CONCRETE
CATCH BASIN.

XEROFILMED

FEB 29 1960

PERMIT No. 63-9878- FLOYD AUDETTE



PICTURE NO. 5
INLET INTO THE
POWERHOUSE. PELTON
WHEEL CAN BE SEEN
ON THE LEFT AND
1 OF THE $1\frac{1}{4}$ " PIPES
THAT EMPTY INTO
THE WHEEL CAN ALSO
BE SEEN.

FILMED

FEB 29 1988



PICTURE NO. 6
PELTON WHEEL
WITH THE OTHER
2 $1\frac{1}{4}$ " PIPELINES
WHICH FLOW WATER
INTO WHEEL ARE ALSO
SHOWN. BENT &
ALTERNATOR ARE
IN UPPER RIGHT OF
PICTURE. WATER
FLOWS OUT FROM UNDER
PELTON WHEEL WITH AN
EMERGENCY OUTLET
ON LOWER LEFT HAND
SIDE SHOWN.

63-9878
Water Right No.
(if applicable)

.90

- .92

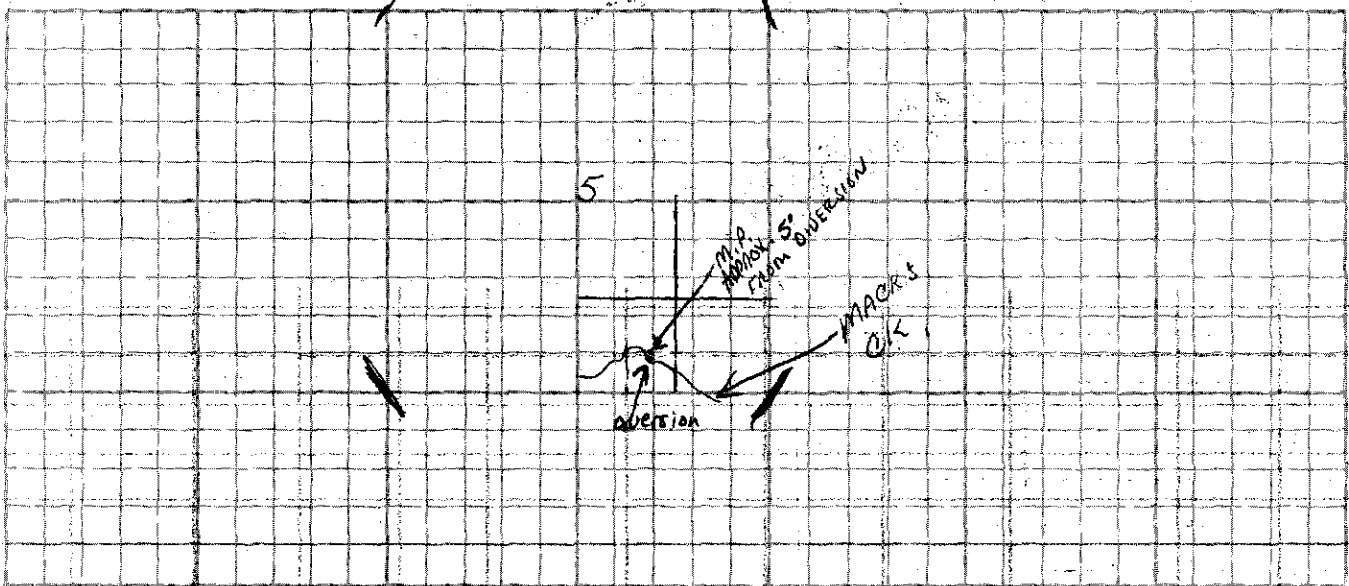
.99

1.00

C. DIAGRAMS

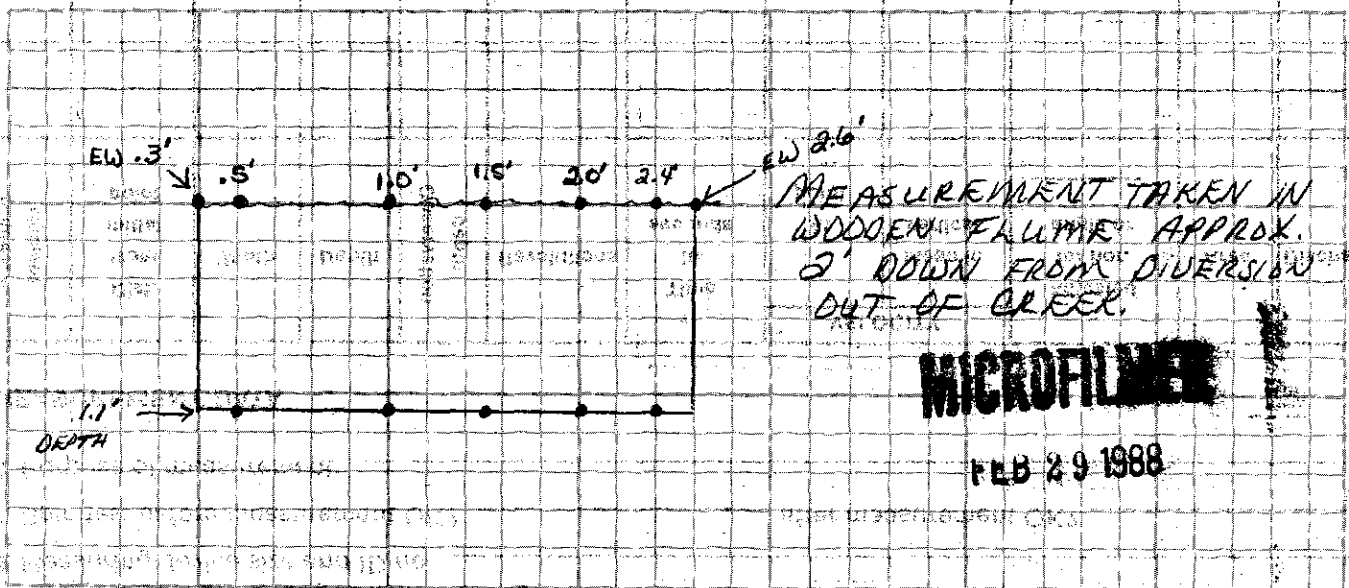
1. Measurement Location

Scale: $2'' = 1 \text{ mile}$



2. Cross-Section of Measurement

Scale: $1'' = 1'$



D. SUMMARY INFORMATION

1. Measurement rated ☒ excellent ☐ good ☐ fair ☐ poor

2. Remarks: THIS WAS AN IDEAL M. P. SINCE FLUME HAD AN EVEN BOTTOM & THERE WAS NO TURBULENCE AT THIS POINT.

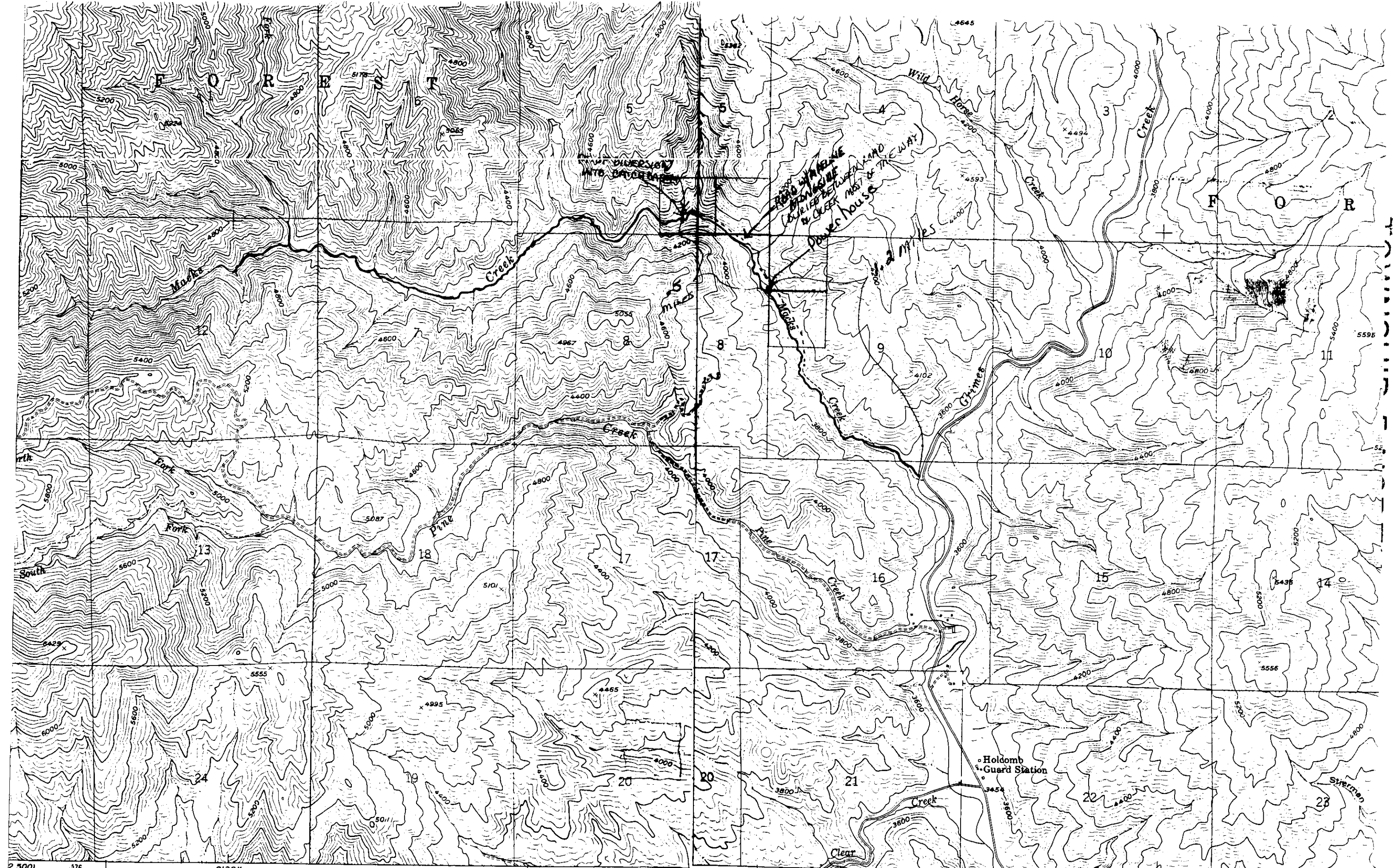
3. Width: 2.2' Area: 2.6' Discharge in cubic feet per second: 1.52 CFS

DATE

10/6/87

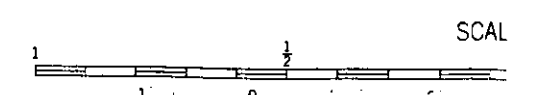
SIGNATURE OF PERSON CONDUCTING MEASUREMENT

[Signature]



2 500 576 2'30" R. 3. E. R. 4. E. 578 580000 E. 116° 00' 144000 FEET BOISE 32 MI. 57'30" IDAHO

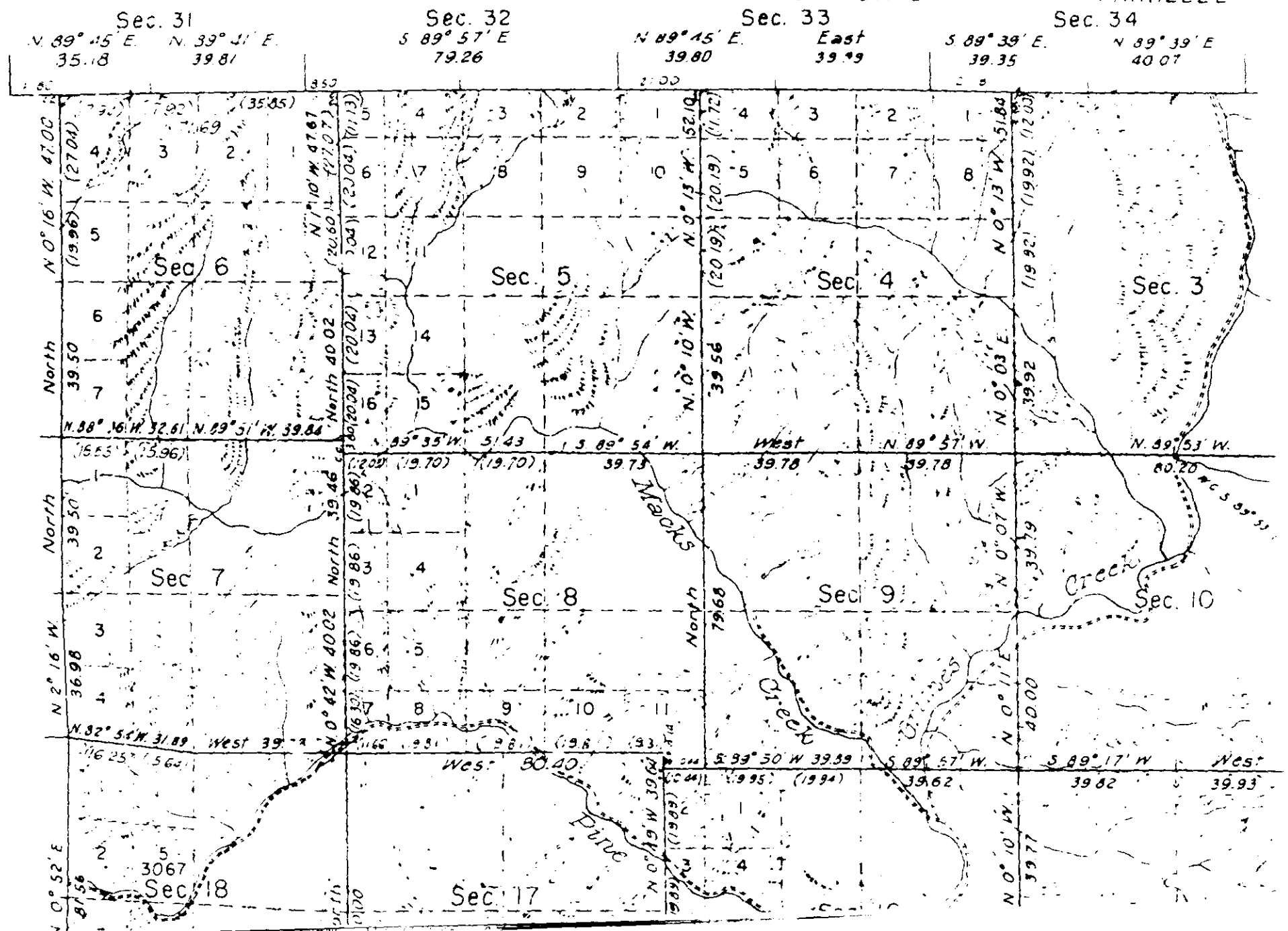
Mapped by U. S. Forest Service
Edited and published by the Geological Survey
Control by USGS, USC&GS, and USFS



DEPENDENT RES

STANDARD

PARALLEL



STAGE PRIORITY	REFL	SOURCE OF WATER	LAST NAME	OWNER CODE
02-24-1918	L	UNNAMED STREAM	HANSON	C
05-01-1987	P	GROUNDWATER	FISH TISH	C
05-06-1977	P	GROUNDWATER	CLOUD CLOUD	C
12-21-1983	P	PICKUP DRAIN	JONES HEISE	C
06-27-1961	L	GROUNDWATER	SUN VALLEY FARMS INC.	C
03-28-1950	L	GROUNDWATER	ROTTER VAN ULIE VAN ULIE	C
12-12-1963	L	GROUNDWATER	BARTLETT	C
07-13-1953	L	GROUNDWATER	CAYLER BARTLETT	C
02-27-1980	L	GROUNDWATER	BARTLETT	C
05-23-1955	L	GROUNDWATER	JEVONS	C
01-24-1977	P	GROUNDWATER	BARTLETT	C
07-03-1977	P	GROUNDWATER	BARTLETT	C
02-25-1954	P	GROUNDWATER	ARROW FARMS INC. BARTLETT	C
01-24-1977	P	GROUNDWATER	BARTLETT	C
07-03-1977	P	GROUNDWATER	BARTLETT	C
01-08-1949	P	GROUNDWATER	CARTER COOK	C
10-30-1951	L	GROUNDWATER	FISHER COOK	C
01-15-1963	L	GROUNDWATER	COOK	C
02-05-1949	L	GROUNDWATER	BENEDICT	C
03-20-1950	L	GROUNDWATER	BENEDICT	C

FEB 29 1988

STAGE	PRIORITY	REFL	SOURCE OF WATER	LAST NAME	OWNER CODE
1	16-1956	GROUNDWATER	BENEDICT		
2	08-1949	GROUNDWATER	CARTER COOK		
3	30-1951	GROUNDWATER	FISHER COOK		
4	08-1951	GROUNDWATER	HARRIS HARRIS		
5	16-1951	GROUNDWATER	FISHER		
6	15-1963	GROUNDWATER	COOK		
7	25-1948	LOWER EMBANKMENT DRAIN	PHILSON PHILSON		
8	21-1949	LOWER EMBANKMENT DRAIN	BENDER		
9	16-1983	GROUNDWATER	CANYON SCHOOL DIST. 40, T39		
10	15-1948	LOWER EMBANKMENT DRAIN	PHILSON PHILSON		
11	1-1949	LOWER EMBANKMENT DRAIN	BENDER		
12	3-1950	GROUNDWATER	HUSTON		
13	1-1987	GROUNDWATER	NOTUS HOP CO. INC.		
14	3-1966	GROUNDWATER	SETTLE		
15	3-1956	GROUNDWATER	GEORGE A. WEITZ INC.		
16	7-1960	CHRISTIAN GULCH WASTEWAY	MARTIN		
17	3-1960	CHRISTIAN GULCH WASTEWAY	SUITER		
18	2-1960	DIXIE DRAIN	FOREMAN FOREMAN		
19	5-1979	CHRISTIAN GULCH WASTEWAY	KANDLER KANDLER		

TOWN	RNG	SEC	TRACT	LOT	USES	WATER RIGHT	STAGE	REFUG	SOURCE OF WATER	LAST NAME	OWNER CODE
						NUMBER	PRIORITY				
05N	03E	16	SESE	43	65-4408	B		12-01-1955	BOGUS CREEK	BOGUS BASIN RECREATIONAL ASSN. I	
			SESE	43	65-2409	B		12-01-1965	BOGUS CREEK	BOGUS BASIN RECREATIONAL ASSOC., INC.	
			21	NESE	43.25	63-3169	L	02-01-1959	SPRING	KUW INC.	
			25	NEMH	04.10.49	63-5336	S	05-01-1923	CLEAR CREEK, NORTH FORK CLEAR CREEK, SOUTH FORK CLEAR CREEK GRIMES CREEK	BOISE CASCADE CORP.	
			SESH	04.10.49	63-5336	S		05-01-1923	CLEAR CREEK, NORTH FORK CLEAR CREEK, SOUTH FORK CLEAR CREEK GRIMES CREEK	BOISE CASCADE CORP.	
			29	SHSH	04.49	63-3442	L	05-02-1965	SPRING	U.S. DEPT. OF AGR.	
05N	04E	05	SHSH	28	63-9878	P		02-10-1982	HACKS CREEK	AUDETTE	
			SESH	28	63-9878	P		02-10-1982	HACKS CREEK	AUDETTE	
			SHSE	04.10.49	63-5338	S		05-01-1923	HACKS CREEK UNNAMED STREAM	BOISE CASCADE CORP.	
			SHSE	28	63-9878	P		02-10-1982	HACKS CREEK	AUDETTE	
			SESE	28	63-9879	P		02-10-1982	HACKS CREEK	AUDETTE	
			07	NEMH	04.10.49	63-5338	S	05-01-1923	HACKS CREEK UNNAMED STREAM	BOISE CASCADE CORP.	
			08	NENE	04.10.49	63-5338	S	05-01-1923	HACKS CREEK UNNAMED STREAM	BOISE CASCADE CORP.	
			NENE	28	63-9878	P		02-10-1982	HACKS CREEK	AUDETTE	
			SENE	43	63-7612	L		06-16-1972	HACKS CREEK	AUDETTE	
			09	SHNH	43	63-10299	P	05-01-1985	HACKS CREEK	DIPI	
			SHNH	43	63-10291	P		05-01-1985	HACKS CREEK	ABRAHAMSON	

TWN	RNG	SEC	TRACT	LOT	USES	WATER RIGHT	STAGE	REFG	SOURCE OF WATER	LAST NAME	OWNER CODE
05N	04E	09	SHNH	01	63-7613	L					
			NHSH	01	63-7613	L	06-16-1972	MACKEYS CREEK	MAUETTE		
			SHSE	01.13	63-2721	L	06-16-1972	MACKEYS CREEK	MAUETTE		
		12	SESE	43.13	63-4569	L	09-24-1968	MACKEYS CREEK	MERK		
							06-01-1922	SHEEP CULCH	K & H MINE MARCHEMONT MARCHEMONT		
		16	MESH	43	63-4741	S	01-01-1945	PINE CREEK	GRANT MORRISON MORRISON		
			SHSE	01.04	63-3431	L	09-17-1964	GRATHES CREEK	U.S. DEPT. OF AGR.		
		18	NENH	01	63-2852	L	03-15-1964	PINE CREEK	LUND FRISTER		
			NENH	01	63-4138	S	08-16-1912	PINE CREEK	JAMES JAMES		
		19	SHNE	43	63-7765	P	04-09-1973	SPRINGS	HEVREND		
			NHSE	43	63-7764	L	04-09-1973	SPRINGS	HEVREND		
			SHSE	43.01	63-7115	L	06-24-1968	SPRINGS	WELLS		
			SESE	01.04	63-7119	L	07-01-1968	BEARER CREEK	WELLS		
			SESE	01	63-7207		03-21-1965	BEAR CREEK	WRIGHT WRIGHT LITTLE LITTLE		
			SESE	43	63-7238	L	05-28-1969	UNNAMED SPRING	LITTLE LITTLE		
		20	NHNE	43	63-10289	P	04-23-1985	SPRING	LADD LADD		
			SHNE	43	63-10100	P	06-27-1983	JOHNSON CREEK	ENNIS ENNIS		
			SHNE	43	63-12306	L					

TWN	RNG	ECC	TRACT	L01	U.
68N	ZSE	01	SASH	01	
			SASH	01	
			SESH	01	
			SESH	01	
			SESH	01	
			NHSE	01	
	02		SENE	01	
			SENE	01	
			SASE	01	
			SASE	01	
			SESE	01	
			SESE	01	
	07		SW	01	
			NE	01	
	11		SENE	01	
			SENE	01	
			SENE	01	
	12		NHSH	01	
			NHSH	01	
	14		NHSH	01	
			NHSH	01	
			SW	01	

[illegible]

10400 DEPARTMENT OF WATER &
WATER RIGHTS IN PLACE

TOWNSHIP	RANGE	SECTION	TRACT	LOT	ACRES	USES	WATER RIGHT	LA. NUMBER	LA. #
----------	-------	---------	-------	-----	-------	------	-------------	------------	-------

05M	ZWE	B1	HILLER	01	7-0650	MCCOY
			HILLER	01	7-0651	HILLER
			HILLER	01	7-0652	HILLER
			HILLER	01	7-0653	HILLER
			HILLER	01	7-0654	HILLER
			HILLER	01	7-0655	HILLER
			HILLER	01	7-0656	HILLER
			HILLER	01	7-0657	HILLER
			HILLER	01	7-0658	HILLER
			HILLER	01	7-0659	HILLER
			HILLER	01	7-0660	HILLER
			HILLER	01	7-0661	HILLER
			HILLER	01	7-0662	HILLER
			HILLER	01	7-0663	HILLER
			HILLER	01	7-0664	HILLER
			HILLER	01	7-0665	HILLER
			HILLER	01	7-0666	HILLER
			HILLER	01	7-0667	HILLER
			HILLER	01	7-0668	HILLER
			HILLER	01	7-0669	HILLER
			HILLER	01	7-0670	HILLER
			HILLER	01	7-0671	HILLER
			HILLER	01	7-0672	HILLER
			HILLER	01	7-0673	HILLER
			HILLER	01	7-0674	HILLER
			HILLER	01	7-0675	HILLER
			HILLER	01	7-0676	HILLER
			HILLER	01	7-0677	HILLER
			HILLER	01	7-0678	HILLER
			HILLER	01	7-0679	HILLER
			HILLER	01	7-0680	HILLER
			HILLER	01	7-0681	HILLER
			HILLER	01	7-0682	HILLER
			HILLER	01	7-0683	HILLER
			HILLER	01	7-0684	HILLER
			HILLER	01	7-0685	HILLER
			HILLER	01	7-0686	HILLER
			HILLER	01	7-0687	HILLER
			HILLER	01	7-0688	HILLER
			HILLER	01	7-0689	HILLER
			HILLER	01	7-0690	HILLER
			HILLER	01	7-0691	HILLER
			HILLER	01	7-0692	HILLER
			HILLER	01	7-0693	HILLER
			HILLER	01	7-0694	HILLER
			HILLER	01	7-0695	HILLER
			HILLER	01	7-0696	HILLER
			HILLER	01	7-0697	HILLER
			HILLER	01	7-0698	HILLER
			HILLER	01	7-0699	HILLER
			HILLER	01	7-0700	HILLER
			HILLER	01	7-0701	HILLER
			HILLER	01	7-0702	HILLER
			HILLER	01	7-0703	HILLER
			HILLER	01	7-0704	HILLER
			HILLER	01	7-0705	HILLER
			HILLER	01	7-0706	HILLER
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			HILLER	01	7-0710	HILLER
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			HILLER	01	7-0716	HILLER
			HILLER	01	7-0717	HILLER
			HILLER	01	7-0718	HILLER
			HILLER	01	7-0719	HILLER
			HILLER	01	7-0720	HILLER
			HILLER	01	7-0721	HILLER
			HILLER	01	7-0722	HILLER
			HILLER	01	7-0723	HILLER
			HILLER	01	7-0724	HILLER
			HILLER	01	7-0725	HILLER
			HILLER	01	7-0726	HILLER
			HILLER	01	7-0727	HILLER
			HILLER	01	7-0728	HILLER
			HILLER	01	7-0729	HILLER
			HILLER	01	7-0730	HILLER
			HILLER	01	7-0731	HILLER
			HILLER	01	7-0732	HILLER

1990 DEPARTMENT OF WATER
WATER RIGHTS IN PLACE

THRESHOLD	RNG	SEC	TRACT	LOT	ACRES	USES	WATER RIGHT	LA
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[illegible]



State of Idaho
DEPARTMENT OF WATER RESOURCES
Western Region

Cecil D. Andrus
Governor

2735 Airport Way
Boise, Idaho 83705
(208) 334-2190

August 18, 1987

63-9878
AUDETTE, FLOYD E.
AUDETTE, CLAIRE A.
IDAHO CITY STAGES
BOISE, ID 83706

Dear Applicant(s):

We acknowledge receipt of your statement of 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 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
Secretary

/jp

RECEIVED

FEB 29 1988

EXAM HAS BEEN DONE.

Form 217
12/84

RECEIVED
JUN 11 1987

STATE OF IDAHO

JUN 15 1987

RECEIVED
125 fee received on 6/11/87
JP

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

RECEIPT No. 44932

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 63-9878

Name(s) of Permit Holder: FLOYD E. AND/OR CLAIRE A. AUDETTE

Post Office Address: HC 33 BOX 4023 BOISE IDAHO

83706 Telephone No. 392-4213

Source of Water: MACKS CREEK

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation _____ (acres)

Other/Remarks POWER - 1.78 CFS

Indicate the date water was first diverted and beneficially used under this permit: 12-23-82

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

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

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

JAME AS ABOVE
(Name)

(Address)

(Telephone Number)

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

Date _____

Floyd E. Audette
Signature of Permit Holder (and Title, if appropriate)

AUG 20 1987

Place
Stamp
Here

Idaho Department of Water Resources
Statehouse Mail
Boise, ID 83720

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Floyd and Claire Audette) Project No. 6631-001

ORDER GRANTING EXEMPTION FROM LICENSING OF A
SMALL HYDROELECTRIC PROJECT OF 5 MEGAWATTS OR LESS

(September 6, 1983)

The Applicant 1/ filed an application for exemption from all or part of Part I of the Federal Power Act (Act) pursuant to 18 C.F.R. Part 4 Subpart K (1980) implementing in part Section 408 of the Energy Security Act (ESA) of 1980 for a project as described in the attached public notice. 2/ 3/

Notice of the application was published in accordance with Section 408 of the ESA and the Commission's regulations and comments were requested from interested Federal and State agencies including the U.S. Fish and Wildlife Service and the State Fish and Wildlife Agency. All comments, protests and petitions to intervene that were filed have been considered. No agency has any objection relevant to issuance of this exemption.

Standard Article 2, included in this exemption, requires compliance with any terms and conditions that Federal or State fish and wildlife agencies have determined appropriate to prevent loss of, or damage to, fish and wildlife resources. The terms and conditions referred to in Article 2 are contained in any letters of comment by these agencies which have been forwarded to the Applicant in conjunction with this exemption.

- 1/ Floyd and Claire Audette, Project No. 6631, filed on January 24, 1983.
- 2/ Pub. Law 96-294, 94 Stat. 611. Section 408 of the ESA amends inter alia, Sections 405 and 408 of the Public Utility Regulatory Policies Act of 1978 (16 U.S.C. §§2705 and 2708).
- 3/ Authority to act on this matter is delegated to the Deputy Director, Office of Electric Power Regulation, under §375.308 of the Commission's regulations, 18 C.F.R. §375.308 (1982). This order may be appealed to the Commission by any party within 30 days of its issuance pursuant to Rule 1902, 18 C.F.R. 385.1902, 47 Fed. Reg. 19047 (1982). Filing an appeal and final Commission action on that appeal are prerequisites for filing an application for rehearing as provided in Section 313(a) of the Act. Filing an appeal does not operate as a stay of the effective date of this order or of any other date specified in this order, except as specifically directed by the Commission.

DC-A-1

Should the Applicant contest any terms or conditions that were proposed by Federal or State agencies in their letters of comment as being outside the scope of Article 2, the Commission shall determine whether the disputed terms or conditions are outside the scope of Article 2.

Based on the terms and conditions required by Federal and State fish and wildlife agencies, the environmental information in the application for exemption, other public comments, and staff's independent analysis, issuance of this order is not a major Federal action significantly affecting the quality of the human environment.

It is ordered that:

(A) Mack's Creek Project No. 6631 as described and designated in Floyd and Claire Audette's application filed on January 24, 1983, is exempted from all of the requirements of Part I of the Federal Power Act, including licensing, subject to the standard articles in §4.106, of the Commission's regulations attached hereto as Form E-2, 18 C.F.R. §4.106 45 Fed. Reg. 76115 (November 18, 1980), and the following Special Articles.

Article 6. Any exempted small hydroelectric power project that utilizes a dam which is more than 33 feet in height above streambed, as defined in 18 CFR 12.31(c) of this chapter, impounds more than 2,000 acre-feet of water, or has a significant or high hazard potential, as defined in 33 CFR Part 222, is subject to the following provisions of 18 CFR Part 12:

- (i) Section 12.4(b)(1)(i)(ii), (2)(i), (iii)(A)(B), (iv), and (v);
- (ii) Section 12.4(c);
- (iii) Section 12.5;
- (iv) Subpart C; and
- (v) Subpart D.

For the purposes of applying these provisions of 18 CFR Part 12, the exempted project is deemed to be a licensed project development and the owner of the exempted project is deemed to be a licensee.

RECEIVED
AUG 20 1983
/RRI 0 2 90

Article 7. The construction, operation, and maintenance of the exempt project may be reviewed by the Commission and subjected to further requirements for consistency with the terms and conditions to the regional fish and wildlife program developed pursuant to the Pacific Northwest Electric Power Planning and Conservation Act. Inconsistencies between the regional plan and the mandatory conditions under Article 2 will be resolved by the Commission.

Robert E. Cackowski
Deputy Director, Office of
Electric Power Regulation

P-6631-001

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Notice of Application Filed with the Commission
(June 20, 1983)

Take notice that the following hydroelectric application has been filed with the Federal Energy Regulatory Commission and is available for public inspection:

- a. Type of Application: Exemption (5 MW or Less)
- b. Project No: 6631-001
- c. Date Filed: January 24, 1983
- d. Applicant: Floyd and Claire Audette
- e. Name of Project: Mack's Creek
- f. Location: On Mack's Creek, partially within Boise National Forest, in Boise County, Idaho
- g. Filed Pursuant to: Energy Security Act of 1980 Section 408 (16 U.S.C. 552705 and 2708 as amended)
- h. Contact Person: Floyd and Claire Audette, Idaho City Stage, Boise, Idaho 83706
- i. Comment Date: July 29, 1983
- j. Description of Project: The proposed project would consist of: (1) a 4-foot-high inlet box at elevation 1,900 feet; (2) a 10-inch-diameter, 2,200-foot-long penstock; (3) a powerhouse at elevation 3,400 feet containing a generating unit rated at 10 kW; and (4) a 1,100-foot-long transmission line. The average annual energy generation is estimated to be 1,100 kWh.
- k. Purpose of Project: Power would be sold to a local utility.
- l. This notice also consists of the following standard paragraphs: A1, B, C, D3a

MICROFILMED

AUG 20 1987

January 21, 1983

RE: Permit No. 63-9878

Floyd E. & Claire A. Audette
Idaho City Stage
Boise, ID 83706

Dear Mr. and Mrs. Audette:

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval on the fourth page.

Be sure to note the special condition requiring you to install a measuring device, or an access port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the access port.

The exercise of this permit may also be affected by the outcome of a case that has recently been decided by the Idaho Supreme Court entitled Idaho Power Company vs. State of Idaho, et al., Idaho Supreme Court Case No. 13794. The decision, filed on November 19, 1982, indicates that flows of water through the power plant at Swan Falls are entitled to protection from uncompensated depletion of flows upstream of Swan Falls. The court found that such flows in the Hells Canyon reach of the Snake River are not similarly protected, but rather are subordinated to future upstream depletions for consumptive uses. The full impacts of this decision are not yet clear, and the case has been partly remanded to the District Court so further litigation on the matter is forthcoming. The Department of Water Resources has been advised that Idaho Power Company is not waiving any rights to contest or limit the exercise of your permit or subsequent license.

The 1982 Idaho Legislature added a requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

Page 2 of 2

January 21, 1983

RE: Permit No. 63-9878

We have enclosed instructions entitled "Making Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

DAVID R. TUTHILL, JR., P.E.

Supervisor, Water Allocation Section

DRT: kw

Enclosures

POWER CALCULATIONS FOR APPLICATION NO. 63-9878

P = Kilowatts .74 X hp (10.6)

Q = cfs

H = feet

e = efficiency

proposed

7.844 Kw

1.78 cfs

75 ft

?

$$e = \frac{P(11.8)}{QH} = \frac{7.844(11.8)}{1.78 \times 75} = \frac{92.5592}{133.5} = .69$$

Based on the above calculations the proposed project must have an .69 % efficiency.

Overlap Review

P/D	Sec	NE	63-9898	same Applicant	Power
	8	NENE	"	"	"
	5	SESE	"	"	"
		SWSE	"	"	"
		SESW	"	"	"
		SWSW	"	"	"

P/D Sec 9 SWNW None

No Bypassed rights

RC 12/27/82

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Jan Glover

APPLICATION NUMBER: 103-9878

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. AREA CLOSED TO CONSUMPTIVE USES.
☒ 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: _____

NO FINANCIAL STATEMENT REQUIRED.

SEND COPIES TO:

- ☐ Idaho State Health Department.
☒ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☒ U.S. Forest Service.
☐ Other FERC

Copies sent by: _____

Date: _____

PROCESSING:

- ☐ Yes ☒ No
☐ Yes ☐ No

Platted by: _____ Map No. _____

Other rights on same place of use. _____

- ☒ Yes ☐ No*
☐ Yes ☐ No

In form for advertising.

Final date for protests: 3/22/82 ✓

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 3/15/82
☒ Application published correctly. If not, record action taken:
☒ Fee amount, receipt date & number, recorded on application. 30.00 / 21922
☒ Publication dates and paper, recorded on application. 3/4 & 3/18 2nd edition worked
☒ 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? 63
2/10/82 Date of priority recommended.

Special conditions of approval or cover letter. I.P. letter

Right-of-way clause

Subordinate

(36)

By: OBS

Date: 12/22/82

STATE OFFICE REVIEW:

SW/47, L03, L05

26 of 01C 08A 17 25 05 (63 Boice)

☐ See attached sheet for more information.

By: Reyn

Date: 12/27/82

RECEIVED

DEC 22 1982

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
NENE	08	05N	04E	--	--	001.5

IDAHO STREAM CODE INDEX

2720.3120.0840.0170.0050.-----

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
SESE	05	05N	04E	--	--	001.6

IDAHO STREAM CODE INDEX

2720.3120.0840.0170.0050.-----

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
SWSE	05	05N	04E	--	--	001.9

IDAHO STREAM CODE INDEX

2720.3120.0840.0170.0050.-----

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
SESW	05	05N	04E	--	--	002.4

IDAHO STREAM CODE INDEX

2720.3120.0840.0170.0050.-----

TRACT	SEC	TWP	RGE	gov't lot	rediv. (R)	REACH
SWSW	05	05N	04E	--	--	002.5

IDAHO STREAM CODE INDEX

2720.3120.0840.0170.0050.-----

Dec 16, 1982

Robert E. Cackowski
Deputy Director, Office of
Electric Power Regulation
Federal Energy Regulatory Commission
Washington, D.C.

Dear Mr. Cackowski,

Regarding the deficiency on
application for the Macks Creek Hydro
Project No 6631, Floyd & Claire Audette,
I am enclosing an Environmental
Assessment (15 copies).

As is stated in this Decision
Notice, there will be 2200 ft. of
10" pipe, all of which is buried on
Natl. Forest Service Land. The only
other land involved is our own, as
the power transmission line leaves
Forest Service land to come to our
residence, which is on a 6.2 acre
parcel bordering the U.S.F.S.

Sincerely,

Floyd E. Audette

RECEIVED

DEC 22 1982

Department of Water Resources
Western Regional Office

Environmental Assessment
Decision Notice
and
Finding of No Significant Impact

Proposed Special Use Permit
Floyd E. Audette

USDA - Forest Service
Boise National Forest
Idaho City Ranger District

RECEIVED

DEC 22 1977

Department of Water Resources
Western Regional Office

An environmental assessment addressing a special use application to develop a minor hydroelectric plant (10 KW), including: a water diversion point on Mack's Creek; 2,200 feet of 10" PVC buried water transmission line; 880 feet of 6-3 with ground buried power transmission line and a pelton wheel with powerhouse approximately 10 feet by 10 feet, all within Sections 5 and 8, T. 5 N., R. 4 E., Boise Meridian, Boise County, Idaho is available for review at the Boise National Forest Supervisor's Office, 1750 Front Street, Boise, Idaho and at the Idaho City Ranger District Office, Idaho City, Idaho.

Mr. Floyd E. Audette proposes to divert and transmit water to a pelton wheel and transmit resulting power to his private residence. The diversion point, powerhouse, and both transmission lines will be on National Forest System land for a distance of 3,102 feet.

Alternatives to Mr. Audette's application to acquire power to his residence are as follows:

1. Divert and transmit water, produce and transmit power on National Forest System lands to his private property.
2. Divert and transmit water on Forest System lands and produce and transmit power on his own property.
3. Deny proposal and recommend acquiring electricity from Idaho Power.

The first alternative is the preferred and selected alternative. It would provide an area to bury the 10" PVC water pipe with the least disturbance of new ground. The pipeline would follow an existing road location and make maintenance easier and less costly with minimal resource implications. Power transmission line would be along the boundary between National Forest System land and private property until reaching Mr. Audette's property at which time the powerline will be entirely on private property (Mr. Audette's).

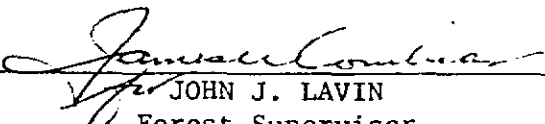
The second alternative would require the water transmission line to cross another party's private land who is unwilling to yield a right-of-way. The possibility of going a condemnation route appears the only way to make this alternative feasible.

The third alternative of Idaho Power bringing power to the subdivision has an estimated cost of \$98,000. Cost of this alternative is not supported by adjacent private property owners.

The preferred and selected alternative for the Audette minor hydroelectric plant with buried transmission lines is Alternative 1. This alternative will provide electric service with minimum impact under the mitigation measures set forth by the special use permit.

It is my decision to recommend issuance of a special use permit to develop a minor hydroelectric plant (10 KW) including water diversion and transmission, powerhouse, and buried power transmission line.

The information above indicates that this is not a major Federal action and will have no significant impact on the human environment; therefore, an environmental impact statement is not needed. This action is in conformance with goals, objectives, and direction as described in the Idaho City Land Use Plan. Implementation will take effect upon the return of a signed special use permit from the Forest Supervisor, Boise National Forest.

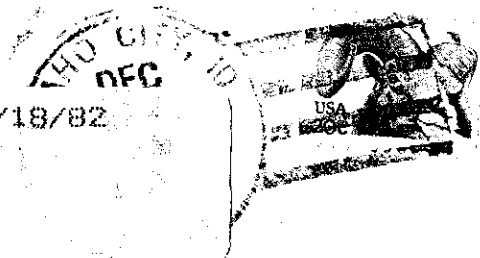

JOHN J. LAVIN
Forest Supervisor.

9-8-82
Date

FLOYD E. & CLAIRE A. AUDETTE
c/o IDAHO CITY STAGE
BOISE, IDAHO 83706

WAT 92 94185871 12/18/82

STATE-OF-IDA-WAT-RES
450 W STATE ST
BOISE ID 83702



David B. Shaw
Western Region Supervisor
Idaho Dept. of Water Resources
92 South Cole Road
Boise, Idaho 83705

BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION
APPLICATION FOR EXEMPTION OF
SMALL HYDROELECTRIC POWER PROJECT
FROM LICENSING

(1) Floyd & Claire Audette applies to the Federal Energy Regulatory Commission for an exemption for Macks Creek Hydro Project, a small Hydroelectric power project that is proposed to have an installed capacity of 5 megawatts or less, from licensing under the Federal Power Act.

(2) The location of the project is:
Idaho, in Boise County, NE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC5 T5N R4E B.M., nearest town is Idaho City, on Macks Creek, tributary to Grimes Creek.

(3) Name & address of applicant is:

Floyd & Claire Audette
Idaho City Stage
Boise, Idaho 84706
Phone: (208) 392-4213

(4) Floyd E. Audette
Idaho City Stage
Boise, Idaho 83706

(5) Floyd & Claire Audette are citizens of the United States.

Exhibit A

(1) The intake facility will consist of a 4'x4'x4' concrete box with a trash screen on up stream side. A 10" butterfly valve will be installed inside the box, for positive control of the flow. The box will have two 4" outlets at the bottom for silt release. The penstock will connect to the valve about 10" above the floor of the box. The diversion box will have a wooden structure on top, of walk in depth to provide access, especially needed during the winter months for cleaning of trash traps & ice removal etc.

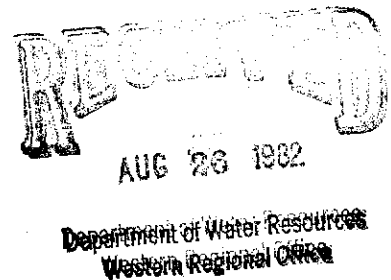
The penstock will be 10" I.D., P.V.C., 100 PSI, rubber gasketed in 20' lengths. It will be buried about 2 $\frac{1}{2}$ ' and will run along side the existing road, until it reaches the turbine house approximately 15' upstream from the survey line dividing National Forest from private land.

The 10" pipe will enter the turbine house about 1 $\frac{1}{2}$ " above the floor, and connect to another 10" butterfly valve. The pipe will then reduce down with steel fittings to connect to a 3" bushing on the pelton wheel housing. The water will return to Macks Creek by concrete ditch built beneath the turbine house.

The turbine house will be 90" x 70" outside dimensions. The lower 44" of the structure will be of concrete 3 $\frac{1}{2}$ " thick with 5" floor. The upper portion will be a fir frame work, covered with cedar shakes, both upper walls and gabled roof. The concrete portion will be backfilled with soil.

The power transmission line will be buried from the turbine house to the point of use.

(2) The generator intended for use is 10 KW.



(3) The pelton wheel is of the old style with a 24" runner, capable of producing enough power to run a 10 KW generator.

(4) The power plant will be operated at a flow of 800 GPM (1.78 CFS) with a head of approx. 94 feet.

(5) Estimated average annual stream flow is 5 CFS. Estimated average usage would be 1.78 CFS.

- (6) I. Estimation of average annual generation is 1100 Kilowatt-hours per month.
II. Estimation of average and design head of the power plant is 10 KW.
III. The hydraulic capacity of the turbine is approx. 2 CFS.
IV. Not applicable.

(7) The planned date for beginning the proposed development is 8/1/82; for completion 11/1/82.

(8) Not applicable.

Exhibit B

A blow up of quadrangle sheet with complete project drawn in, attached.

Exhibit E

Environmental report enclosed.

Exhibit G

Drawings enclosed.

Sincerely,

Floyd E. Audette
Floyd E. Audette

cc: FWS, SE, Boise
Boise N.F., Idaho City
IDFG, Region 3, Boise
FERC - Regional Engineer

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Floyd B. and/or Claire A. Audette Phone _____

Post office address Idaho City Stages, Boise, ID, 83706

2. Source of water supply Macks Creek which is a tributary of Grimes Creek

3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 8 Township 05N

Range 04E B.M. Boise County, additional points of diversion if any: _____

SESE, SWSE, SESW, SWSW, SEC. 05, Twp. 05N, Rge. 04E (See Remarks)

4. Water will be used for the following purposes:

Amount 1.78 cfs for _____ Power _____ purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

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

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

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

5. Total quantity to be appropriated:

a. 1.78 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Diversion wing in stream with penstock
to turbine.

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 _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 5 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: SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 9 Township 05N

Range 04E B.M.

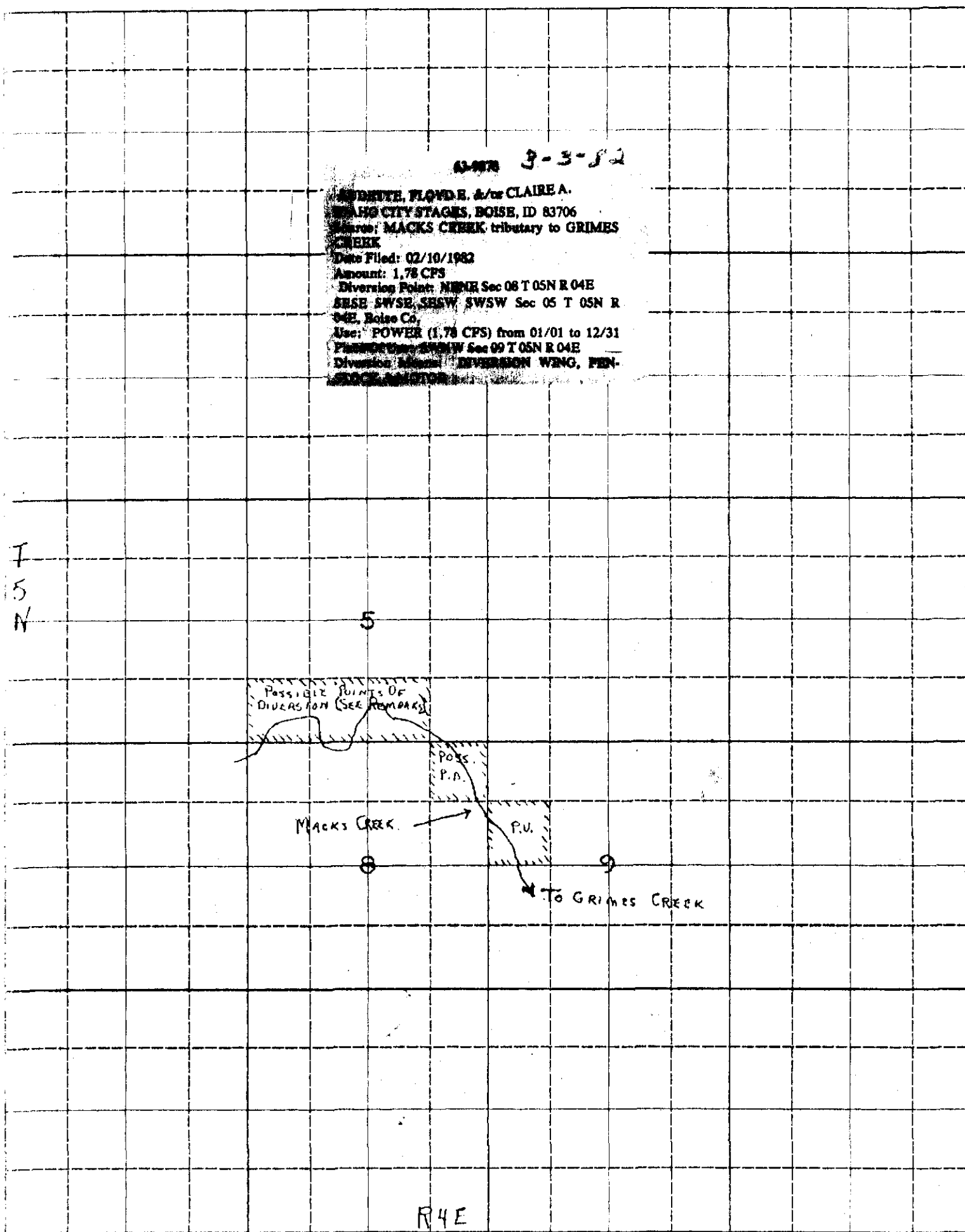
(2) Amount of power to be generated: 10.6 horsepower under 75 feet of head.

(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: _____

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

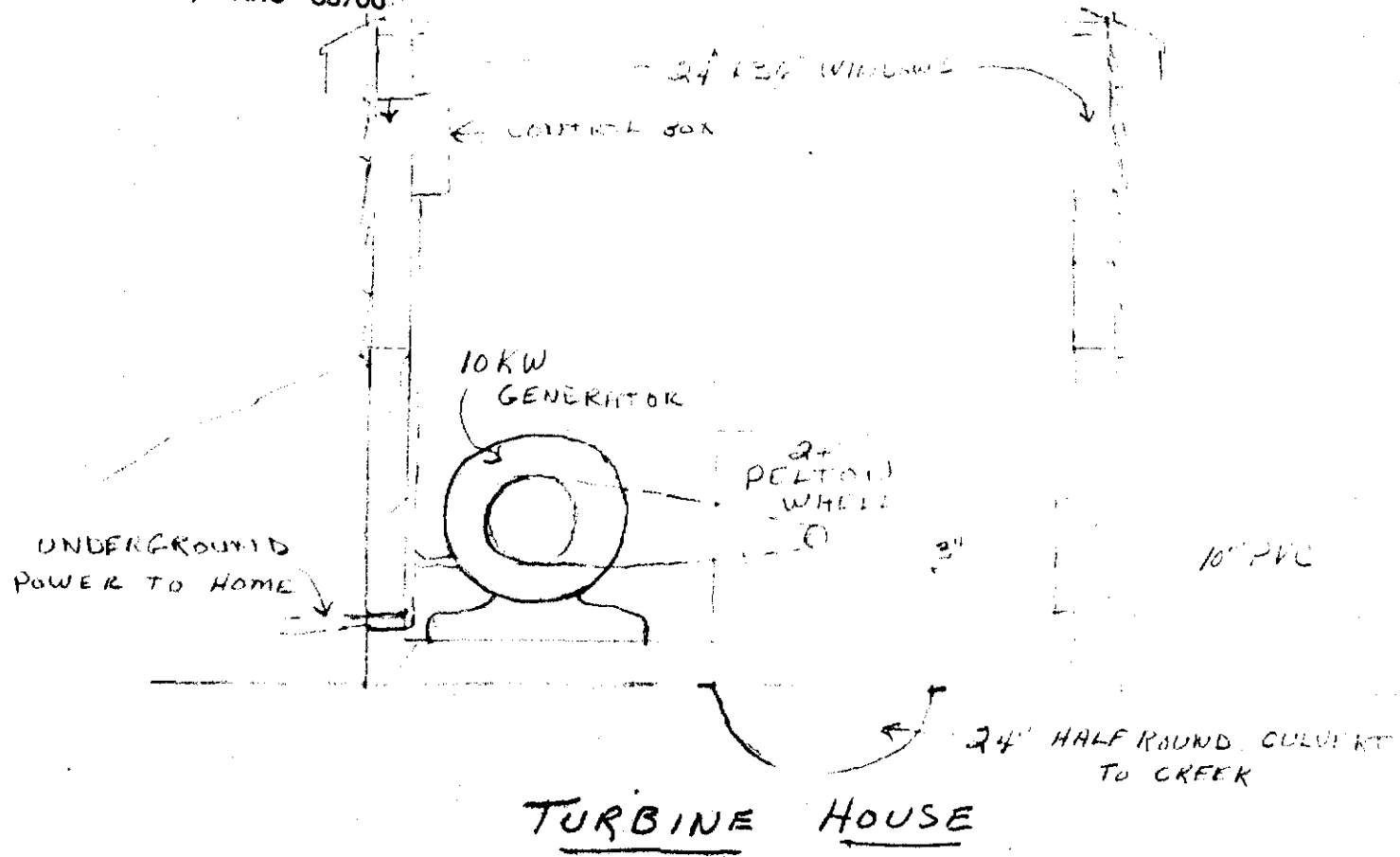


Scale: 2 inches equal 1 mile.

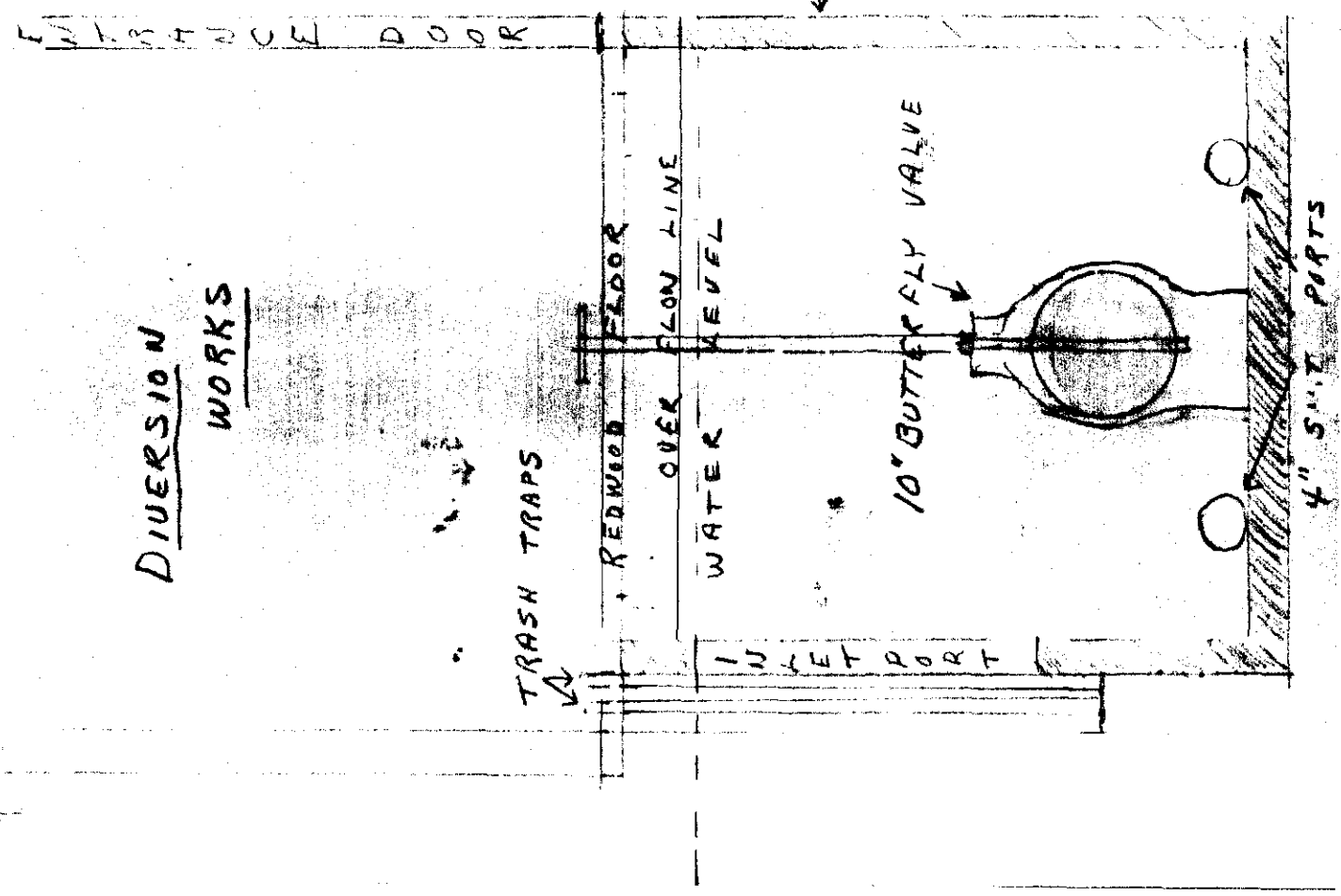
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

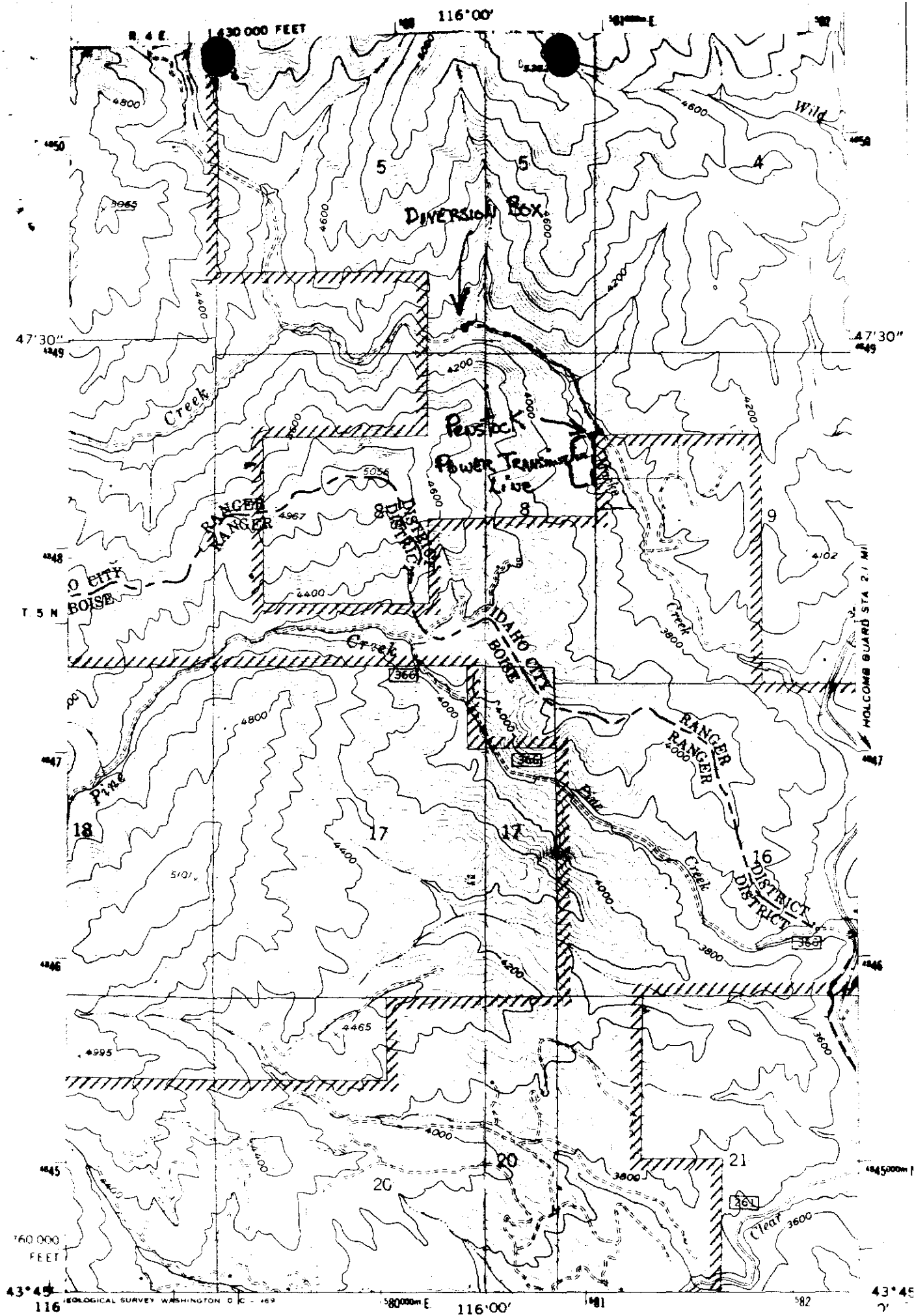
Floyd E. Aubette
(Applicant)

FLOYD E. & CLAIRE A. AUDETTE
c/o IDAHO CITY STAGE
BOISE, IDAHO 83706



4'X4'X4'
CONCRETE
BOX





21E CREEK



United States Department of the Interior

FISH AND WILDLIFE SERVICE

AREA OFFICE - IDAHO AND NEVADA
4620 OVERLAND ROAD, ROOM 238
BOISE, IDAHO 83705
FTS: 554-1960/COMM: 208/334-1960

August 17, 1982

Mr. Floyd Audette
Idaho City Stage
Boise, Idaho 83706

Dear Mr. Audette:

Our office has reviewed the paperwork you brought in on July 26. We have the following comments concerning your small hydroelectric project on Macks Creek in Boise County, Idaho for which you plan to file for a license exemption.

The project, as described in your draft Exhibit E, will consist of the following features: 1) an intake structure with trash racks; 2) a buried penstock of approximately 2640 feet in length; 3) a powerhouse with a 10 kw generator; 4) a buried transmission line. The hydraulic capacity of the turbine is 2 cfs.

In order for you to qualify for an exemption, your energy production facilities must use waters from an existing dam or use a "natural water feature" of the stream (FERC Rule No. 106). We suggest that in your application to the Federal Energy Regulatory Commission you describe how your project fits into one of these categories.

According to Idaho Department of Fish and Game officials, a resident trout fishery exists in Macks Creek. Riparian habitat (vegetation along the stream) is valuable to fish and wildlife and is present in the project area. Our terms and conditions are designed to protect these fish and wildlife resources. To the best of our knowledge, no threatened or endangered species will be affected.

The following terms and conditions are preliminary in nature and are for your planning purposes. If you have a question or do not understand one of these, please contact Signe Sather-Blair of my staff.

1. Allow all flows in Macks Creek in excess of 2 cfs to flow past the diversion point.
2. Install and maintain a staff gauge immediately downstream from the diversion to monitor flows. Access to the gauge shall be provided to resource agency personnel at all times.
3. Install self-cleaning fish screens, as approved by IDFG, to prevent fish from entering the penstock.

4. The project shall be designed to allow fish passage. Design must be approved by IDFG.
5. An automatic emergency shutoff valve shall be installed at the intake to immediately stop flow in the event of pipe failure.
6. The project intake and pipeline shall be designed to prevent air entrainment and possible gas supersaturation at all times.
7. If periodic dredging is necessary in the intake pond, the applicant shall dispose the materials at a landsite approved by IDFG and the Boise National Forest.
8. The applicant shall replace any riparian vegetation removed during project construction. Other vegetation shall also be planted in disturbed area for erosion control.
9. Penstocks shall be buried.
10. All powerhouse and transmission facilities shall be designed to prevent injury or electrocution mortality to raptors, waterfowl, or other avian species.
11. The applicant shall notify the resource agencies of the date when the penstocks will be filled and project goes on line.

Sincerely Yours,

Dennis Buechler

Dennis Buechler
Field Supervisor

cc: IDFG, Hdqtrs, Boise
IDFG, region 3, Boise
Boise N.F., Boise
FWS, SE, Boise
FWS, RO, Portland



August 6, 1982

Mr. Floyd E. Audette
Idaho City Stage
Boise, ID 83706

Re: Macks Creek Hydroelectric Project Early Consultation
Application for Exemption from FERC Licensing
Floyd E. Audette

Dear Mr. Audette:

Based on the descriptive narrative provided with your letter of July 28, 1982, we suggest you be prepared to address the following concerns regarding the referenced project.

Macks Creek supports a viable population of native rainbow trout. It is one of several streams in the area that provide a locally important fishery.

Based on our present information, any small hydropower project in Macks Creek would require the following:

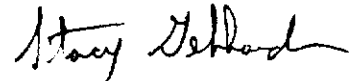
1. Self-cleaning screens to prevent fish from entering the penstock.
2. Upstream fish passage facilities.
3. Maintenance flows sufficient to maintain existing fish production and passage. Your request of 2 cfs withdrawal from the stream should leave enough water in the stream to provide needed fish habitat. Any greater withdrawal of water would require an instream flow study to establish minimum flows needed to maintain fish populations.
4. Transmission lines would have to be buried or designed to prevent raptor mortalities.
5. Project construction would have to avoid creating any short- or long-term erosion and undue disturbance of riparian vegetation.
6. We request that you provide to the Idaho Department of Fish and Game a complete project description, including maps and drawings when you submit your application to the FERC.

Mr. Floyd E. Audette
August 6, 1982
Page 2

Design criteria for traveling screen, upstream fish passage facilities and transmission lines are available from our Department.

As required by section 4.107 (a), (2) of the Federal Energy Regulatory Commission Order No. 106, please forward a copy of the exemption application to the Idaho Department of Fish and Game at 109 W. 44, Boise, ID 83704 at the time it is submitted to the Federal Energy Regulatory Commission.

Sincerely,



Stacy Gebhards
Regional Supervisor
Region 3/Boise

cc: Bureau of Program Coordination

August 19, 1982

Mr. Wakefield
Federal Energy Regulatory
Washington D.C.

Dear Sir:

I was informed by U.S. Fish & Wildlife Service and the Idaho Dept. of Fish & Game that a letter was not required from the Portland, Oregon office of the Fish & Wildlife Service because there are no anadromous fish involved.

Sincerely,

Floyd E. Audette

Floyd E. Audette

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Idaho City Ranger District
PO Box 129
Idaho City, Idaho 83631

2720
July 28, 1982



MR FLOYD E AUDETTE
% IDAHO CITY STAGE
BOISE ID 83706

Dear Floyd,

In regards to your letter of 7/27/82, the Forest Service acknowledges landownership of your proposed project site. Approval of your proposed water line transmission and pelton wheel is pending at this time.

I acknowledge that the Idaho City Ranger District, Boise National Forest has been notified of the Federal Energy Regulatory Commission (FERC) exemption application.

Your special use application has been filed, and will be acted upon when an exemption is granted.

Sincerely,

STEPHEN D. BUTLER
District Forest Ranger

USDA-FOREST SERVICE
DETERMINATION OF SIGNIFICANCE AND EFFECT

A cultural resource investigation (CRM-BS-190) has been conducted for the proposed
Floyd Audette Water Development and Transmission project and cultural values
have been identified. Based on the attached report, the Forest Service has made the following
determinations.

Cultural Significance (Scientific potential, unless otherwise noted)

Total number of cultural properties:

Class I (eligible) properties:

Class II (unevaluated) properties 2, BS-576, 577

Class III (insignificant) properties:

Effect

1. There will be no effect to Class I or II cultural properties because:

- ☐ They are outside the general project area-
- ☐ They are outside of project impact areas-
- ☒ Final project plans will avoid these areas-
- ☐ That portion of the site involved does not contain significant values in jeopardy-
- ☐ The nature of the activities is such that there will be no effect to sites present-

2. Class I or II properties subject to no adverse effects:

☒ None

3. Class I or II properties subject to beneficial effects:

☒ None

4. Class I or II properties subject to adverse effects:

☒ None

Coordinating Requirements

The following actions are recommended to ensure the protection of known and unknown sites:

Avoid sites BS-576, 577 during the project life. Monitor
sites during the project.

☐ None

Zone Certification

I certify the above Forest Service determinations:

Joseph G. Halloghan 5-13-82
USFS Zone Archeologist Date

State Comments

As authorized representative for the Idaho State Historic Preservation Officer, I have reviewed
the documentation provided concerning this project.

- ☒ I agree with the Forest Service determinations above.
- ☐ I do not agree with the Forest Service determinations for the following reasons:

Thomas J. Green 5/27/82
State Archaeologist Date

IDAHO DEPARTMENT OF FISH AND GAME
REGION 3
109 West Forty-fourth Street
Boise • Idaho • 83704

March 16, 1982

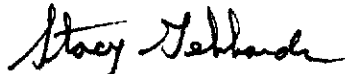
Mr. David B. Shaw
Western Region Supervisor
Department of Water Resources
92 South Cole Road
Boise, ID 83709

Re: 63-9878 (Floyd and/or Claire Audette)
Macks Creek, tributary of Grimes Creek
77-7153 (Jungert Corporation, Inc.)
French Creek, tributary of Salmon River
79-7106 (A & J Construction Co., Inc.)
Oxbow Creek, tributary of Deep Creek; Deep Creek, tributary of Snake River
77-7154 (Guy M. Carlson)
Partridge Creek, tributary of Salmon River
77-7155 (Guy M. Carlson)
Elkhorn Creek, tributary of Salmon River
78-7200 (Richard L. Pullen)
Fall Creek, tributary of Little Salmon River
78-7201 (Dick Pullen)
Boulder Creek, tributary of Salmon River

Dear Dave:

We presently do not have sufficient data to assess the maintenance flow requirements for fish and wildlife for the above referenced applications to appropriate public waters of the State of Idaho, and will be unable to do so until roads have been cleared into the area.

Sincerely,



Stacy Gebhards
Regional Supervisor

cc: Bureau of Program Coordination

RECEIVED

MAR 22 1982

Department of Water Resources
Western Regional Office

IDAHO DEPARTMENT OF FISH AND GAME
REGION 3
109 West Forty-fourth Street
Boise • Idaho • 83704

May 10, 1982

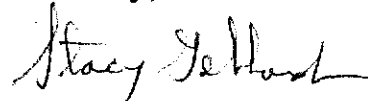
Mr. David Shaw
Western Region Supervisor
Idaho Department of Water Resources
92 South Cole Road
Boise, ID 83709

Re: 63-9878 (Macks Creek)
Audette

Dear Dave:

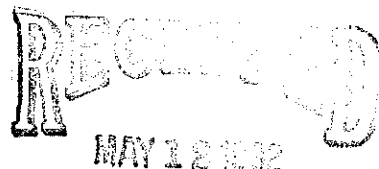
Idaho Department of Fish and Game personnel have reviewed application 63-9878 and have no objection to issuance of a permit for 1.78 cfs of water from Macks Creek for hydropower.

Sincerely,



Stacy Gebhards
Regional Supervisor
Region 3/Boise

cc: Bureau of Program Coordination



Department of Water Resources
Western Regional Office



State of Idaho
DEPARTMENT OF WATER RESOURCES
WESTERN REGION, 92 South Cole Road, Boise, Idaho 83709

JOHN V. EVANS
Governor

(Office at the corner of
Franklin and Cole Roads)

A. KENNETH DUNN
Director
March 1, 1982

(208) 334-2190

Idaho Fish & Game Department
Region 3
109 W. Forty-Fourth St.
Boise, Idaho 83704

RE: 79-7105, 79-7106, 63-9878 & 65-12487

Dear Mr. Gebhards:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter.

If you have any questions regarding the application, please contact this office.

Sincerely,

A handwritten signature in dark ink, appearing to read "David B. Shaw", is written over a horizontal line.

DAVID B. SHAW
Western Region Supervisor

DBS:jp

Enclosure

1



State of Idaho
DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 92 South Cole Road, Boise, Idaho 83709

JOHN V. EVANS
Governor

(Office at the corner of
Franklin and Cole Roads)

A. KENNETH DUNN
Director

(208) 334-2190

March 1, 1982

Ronald Tew
Boise National Forest
1075 Park Blvd.
Boise, Idaho 83706

RE: 63-9878

Dear Mr. Tew:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter.

If you have any questions regarding the application, please contact this office.

Sincerely,

DAVID B. SHAW
Western Region Supervisor

DBS:jp

Enclosure



State of Idaho
DEPARTMENT OF WATER RESOURCES

WESTERN REGION, 92 South Cole Road, Boise, Idaho 83709

JOHN V. EVANS
Governor

(Office at the corner of
Franklin and Cole Roads)

A. KENNETH DUNN
Director
March 1, 1982

(208) 334-2190

Federal Energy Regulatory Commission
Kenneth F. Plumb, Secretary
825 N. Capital St. N. E.
Washington, D.C. 20426

RE: 79-7105, 79-7106, 63-9878 & 65-12487

Dear Mr. Plumb:

Enclosed is a copy of the above referenced application for permit which may be of interest to your agency. Please review the application and submit any comments you may have.

This office normally completes the processing of an application within a six-week period and is required to take final action shortly thereafter.

If you have any questions regarding the application, please contact this office.

Sincerely,


DAVID B. SHAW
Western Region Supervisor

DBS:jp

Enclosure

100-100000

AUDETTE, FLOYD E. &/or CLAIRE A.

IDAHO CITY STAGES, BOISE, ID 83706

Source: MACKS CREEK tributary to GRIMES CREEK

Date Filed: 02/10/1982

Amount: 1.78 CFS

Diversion Point: NENE Sec 08 T 05N R 04E SESE SWSE SESW SMSW
Sec 05 T 05N R 04E, BOISE Co.

Use: POWER (1.78 CFS) from 01/01 to 12/31

Place of Use: SWNW Sec 09 T 05N R 04E

Diversion Means: DIVERSION WING, PENSTOCK & MOTOR

