

67-07794

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P.D.

P.U.

T 10N
R 5W

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MICROFILMED

APR 14 1995

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AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, }
County of Washington } ss.

Sarah Boles, being duly sworn,
deposes and says:

That he is the CLERK of
THE WEISER SIGNAL, a weekly newspaper published at
Weiser, in the County of Washington and State of Idaho; that
said paper has been and is in general circulation in the
county aforesaid, and in the vicinity of Weiser; that the ad-
vertisement, a copy of which is attached hereto, was pub-

lished in said newspaper once a week for two consecu-
tive weeks in the regular and entire issue of said paper dur-
ing the period and time of publication, and was published in
the newspaper proper and not in a supplement; that said
paper has been established and regularly published for more
than seventy-eight consecutive weeks prior to the date of
first publication of said advertisement.

Such notice was published in the issue beginning with

December 7, 1989, and ending
with the issue of December 14, 1989.

Sarah Boles

Fees, \$ 94.10

Subscribed and sworn to before me this 14

day of December, 1989.

[Signature]
Notary Public, Residing at Weiser, Idaho.

My Commission Expires 1-1, 1993.

No. 47

NOTICE OF APPLICATION FOR WATER RIGHT

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

67-07794

BIBEE, PAULINE
BIBEE, HUBERT
370 U.S. 95
WEISER, ID 83672
Source: GROUNDWATER
Diversions Pt: NWSNW Sec 15 T 10N R 05W
Use: IRRIGATION (.150 CFS)
Total Diversion: (.150 CFS)
Date Filed: 10/19/1989
In: T10N R05W S15 SWNW SENW
5.0 ACRES TOTAL

67-07813

HODGE, ELLEN
HODGE, DELBERT
2345 VALLEY VIEW DR.
WEISER, ID 83672
Source: GROUNDWATER
Diversions Pt: SWSE Sec 32 T 11N R 05W
Use: IRRIGATION STORAGE (.020 CFS)
Total Diversion: (.020 CFS)
Date Filed: 10/16/1989
In: T11N R05W S32 SESE

67-07817

BRENT, MERLIN E.
BRENT, RETAH G.
1011 MANN CREEK RD.
WEISER, ID 83672
Source: SPRINGS
Tributary: SINKS
Diversions Pt: SESENW Sec 12 T 11N R 05W
Use: STOCKWATER (.020 CFS)
Total Diversion: (.020 CFS)
Date Filed: 10/20/1989
In: T11N R05W S12 SENW NWSE

The permit(s) will be subject to all prior water rights. Protests
must be filed with the Director, Dept. of Water Resources,
Western Region, 2735 Airport Way, Boise, Idaho 83705 on or
before DECEMBER 26, 1989.

R. KEITH HIGGINSON, Director
Published 12/07/1989 & 12/14/1989

82-25

MICROFILMED

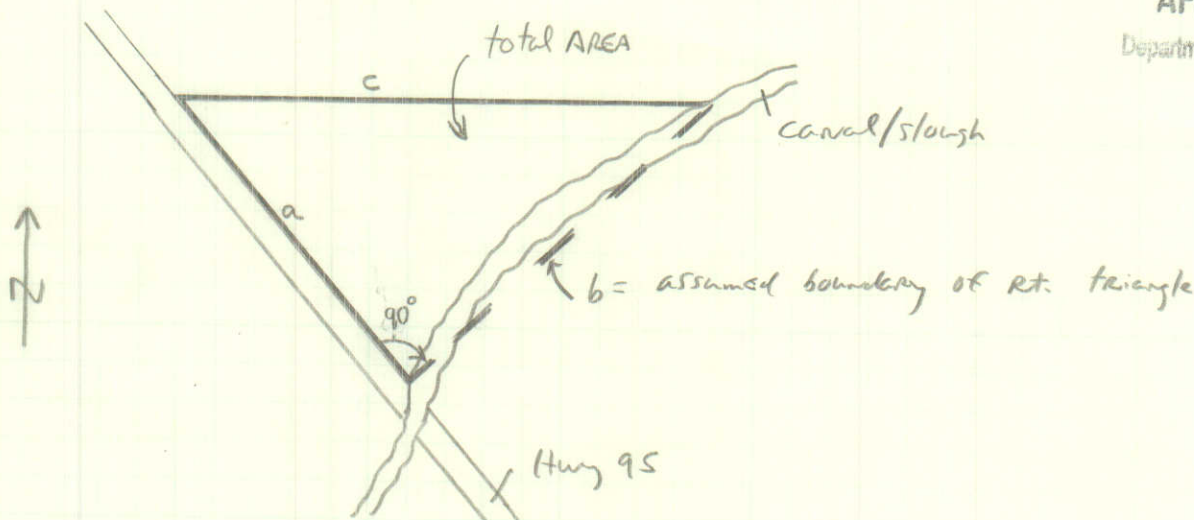
APR 19 1990

Pln on maps & diagram approximates a right triangle. Assume rt. triangle shape, use formulas from attached Table D to estimate total ACRE.

RECEIVED

APR 08 1994

Department of Water Resources

Step 1

Construct diagram from topo, label legs of triangle (a, b, c).

Step 2

Measure lengths of legs a & c on the 7 1/2' topo.
Scale of 7 1/2' topo = 1:24,000

$$a = (.25'')(24,000) \left(\frac{1 \text{ ft.}}{12 \text{ ins.}} \right) = 500'$$

$$c = (.45'')(24,000) \left(\frac{1 \text{ ft.}}{12 \text{ ins.}} \right) = 900'$$

Note that these are higher values than Examiner's est. of 400' & 700'.
Step 4 confirms higher values.

Solve for b via formula in Table D:

$$b = \sqrt{c^2 - a^2} = \sqrt{(900)^2 - (500)^2} = \sqrt{560,000} = 748'$$

Step 3

Determine total area estimate from formula in Table D:

$$\text{AREA} = \frac{1}{2} ab = \frac{1}{2} (500)(748) = 187,000 \text{ ft}^2 \times \frac{1 \text{ AC}}{43,560 \text{ ft}^2} = 4.3 \text{ ACRES}$$

Step 4

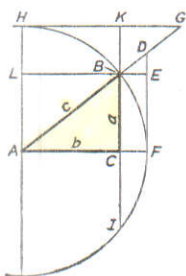
Most of area appears irrigated per orthophoto* & NAPP photo (NAPP V-3-NE Available at Region for confirmation) except bluffs in eastern tip of triangle. Allow 4 acres per best estimate. Appears @ 1.5 AC. SWNW plus 2.5 AC. SENW can be recommended. Adjust rate & VR appropriately: .12 cfs and 18 AFA.

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AUG 10 1994

Source: SURVEYING, McCormac, Jack C., Prentice-Hall
Internat'l., Inc., 1976. Pg 314.

TABLE D TRIGONOMETRIC FORMULAS FOR
THE SOLUTION OF RIGHT TRIANGLES



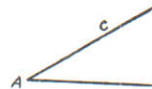
Let $A = \text{angle } BAC = \text{arc } BF$, and let radius $AF = AB = AH = 1$. Then,

$\sin A = BC$	$\csc A = AG$
$\cos A = AC$	$\sec A = AD$
$\tan A = DF$	$\cot A = HG$
$\text{vers } A = CF = BE$	$\text{covers } A = BK = LH$
$\text{exsec } A = BD$	$\text{coexsec } A = BG$
$\text{chord } A = BF$	$\text{chord } 2A = BI = 2 BC$

In the right-angled triangle ABC , let $AB = c$, $BC = a$, $CA = b$. Then,

1. $\sin A = \frac{a}{c}$	11. $a = c \sin A = b \tan A$
2. $\cos A = \frac{b}{c}$	12. $b = c \cos A = a \cot A$
3. $\tan A = \frac{a}{b}$	13. $c = \frac{a}{\sin A} = \frac{b}{\cos A}$
4. $\cot A = \frac{b}{a}$	14. $a = c \cos B = b \cot B$
5. $\sec A = \frac{c}{b}$	15. $b = c \sin B = a \tan B$
6. $\csc A = \frac{c}{a}$	16. $c = \frac{a}{\cos B} = \frac{b}{\sin B}$
7. $\text{vers } A = 1 - \cos A = \frac{c-b}{c} = \text{covers } B$	17. $a = \sqrt{c^2 - b^2} = \sqrt{(c-b)(c+b)}$
8. $\text{exsec } A = \sec A - 1 = \frac{c-b}{b} = \text{coexsec } B$	18. $b = \sqrt{c^2 - a^2} = \sqrt{(c-a)(c+a)}$
9. $\text{covers } A = \frac{c-a}{c} = \text{vers } B$	19. $c = \sqrt{a^2 + b^2}$
10. $\text{coexsec } A = \frac{c-a}{a} = \text{exsec } B$	20. $C = 90^\circ = A + B$
(21. $\text{Area} = \frac{1}{2}ab$)	

TABLE E TRIGONOMETRIC FORMULA
THE SOLUTION OF OBLIQUE TRIANGLE



No.	Given	Sought	
22	A, B, a	C, b, c	$C = 180^\circ - A - B$ $b = \frac{a \sin B}{\sin A}$ $c = \frac{a \sin C}{\sin A}$ Area = $\frac{1}{2}ab \sin C$
23	A, a, b	B, C, c	$\sin B = \frac{a \sin A}{b}$ $C = 180^\circ - A - B$ $c = \frac{a \sin C}{\sin A}$ Area = $\frac{1}{2}ab \sin C$
24	C, a, b	c	$c = \sqrt{a^2 + b^2 - 2ab \cos C}$
25		$\frac{1}{2}(A+B)$	$\frac{1}{2}(A+B) = \frac{1}{2}(180^\circ - C)$
26		$\frac{1}{2}(A-B)$	$\tan \frac{1}{2}(A-B) = \frac{a-b}{a+b} \cot \frac{1}{2}C$
27		A, B	$A = \frac{1}{2}(A+B) + \frac{1}{2}(A-B)$ $B = \frac{1}{2}(A+B) - \frac{1}{2}(A-B)$
28		c	$c = (a+b) \cos \frac{1}{2}C$
29		Area	Area = $\frac{1}{2}ab \sin C$
30	a, b, c	A	Let $s = \frac{a+b+c}{2}$
31			$\sin \frac{1}{2}A = \sqrt{\frac{(s-b)(s-c)}{bc}}$ $\cos \frac{1}{2}A = \sqrt{\frac{s(s-a)}{bc}}$ $\tan \frac{1}{2}A = \sqrt{\frac{s-a}{s}}$
32			$\sin A = \frac{2}{a+b+c} \sqrt{s(s-a)(s-b)(s-c)}$ $\cos A = \frac{b^2 + c^2 - a^2}{2bc}$
33		Area	Area = $\sqrt{s(s-a)(s-b)(s-c)}$

AUG 10 1994

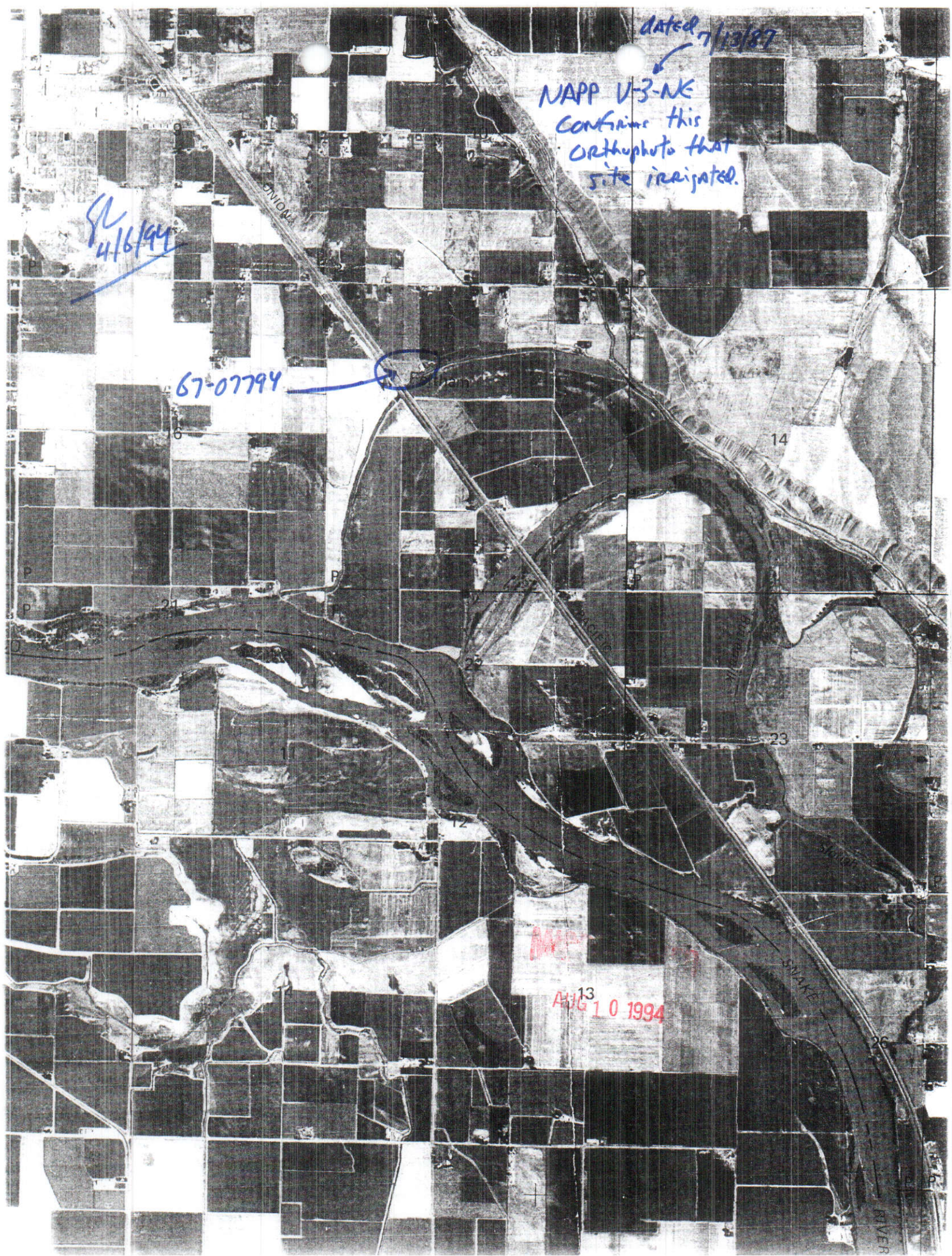
dated 7/13/87

NAPP V-3-NK
confirms this
Orthophoto that
site irrigated.

SL
4/16/94

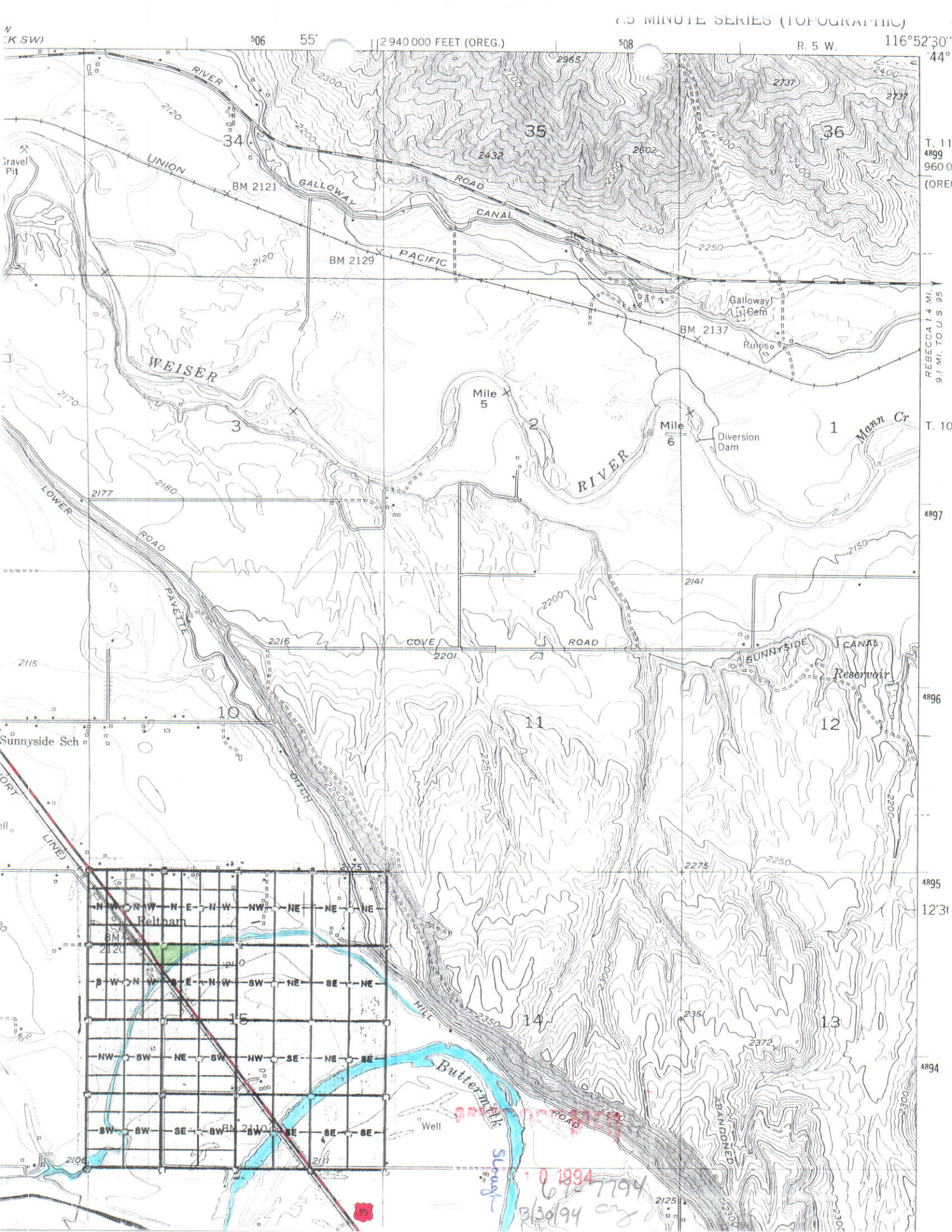
67-07794

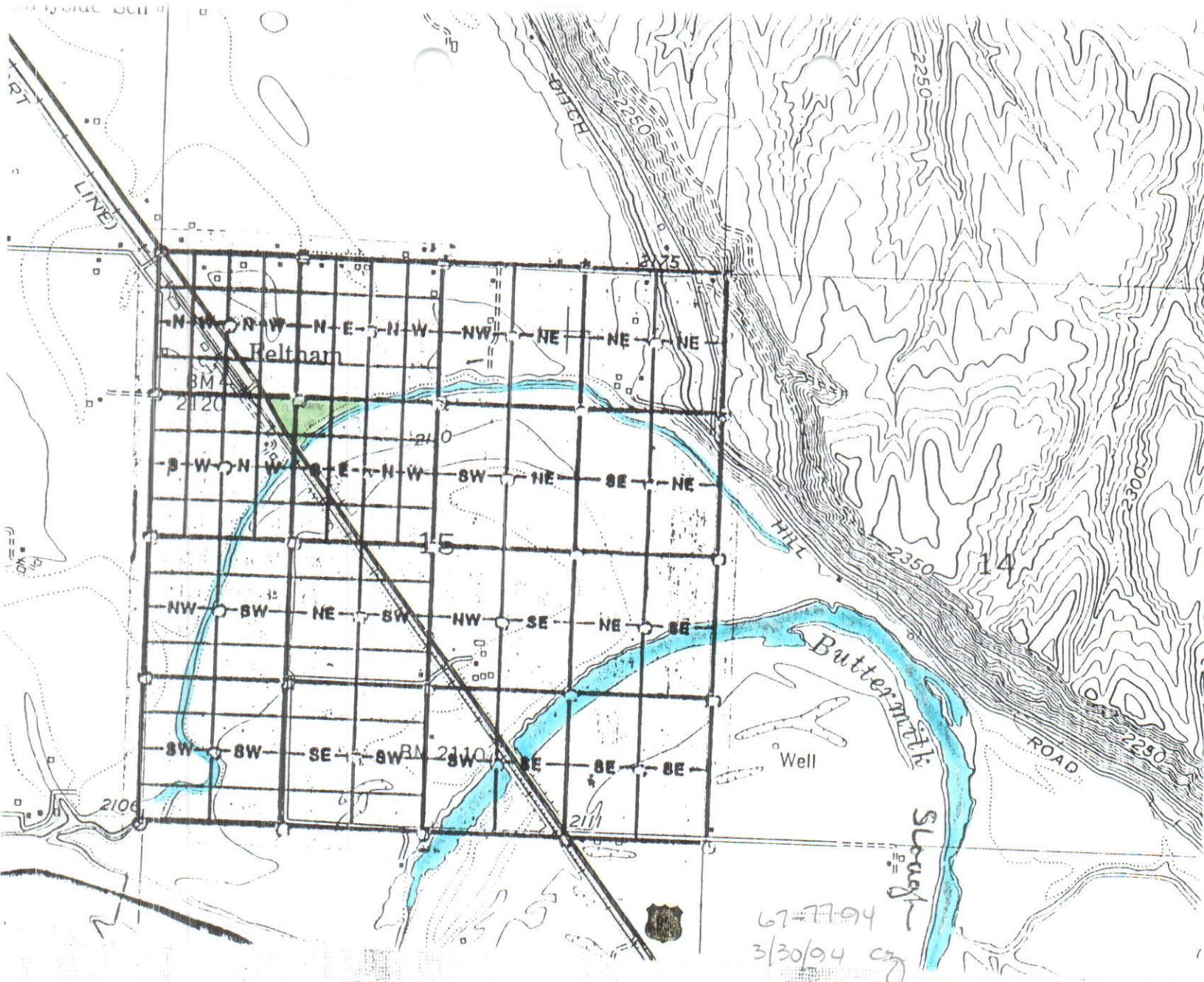
AUG 10 1994



STEM DESCRIPTION
ATTACHMENT TO FIELD EXAM FORM







x150%

APPROVED

AUG 10 1994

PERMIT 67-07794 INIT dy
10N SW
5.15

Plu pld



AUG 10 1994
13



View of well's PIPE
SYSTEM Notice the SPIGOT
ON TOP OF SYSTEM THIS
MAY BE USED TO IRRIGATE THE
LAWN

PHOTO ONE-

AUG 10 1994



P/U Looking North

PHOTO TWO-

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 67-07794

Priority: October 19, 1989

Maximum Diversion Rate:

0.15 CFS

Maximum Diversion Volume:

22.5 AF

This is to certify, that PAULINE BIBEE
HUBERT BIBEE

370 US HWY 95
WEISER ID 83672

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 19, 1989; and has submitted Proof of Beneficial Use on March 20, 1991. An examination indicates that the works have a diversion capacity of .150 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.15 CFS	22.5 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSENW , Sec. 15, Township 10N, Range 05W
WASHINGTON County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
10N	05W	15	SWNW 2	SENW 3		5

Total number of acres irrigated: 5

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The right holder shall use the full allotment of his surface water right, to the extent it is available, in conjunction with groundwater diverted pursuant to this right.
6. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.5 afa per acre for the lands above.

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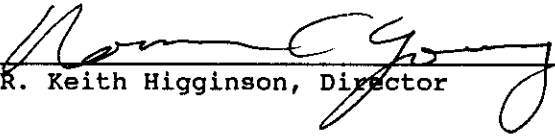
AUG 10 1994

State of Idaho
Department of Water Resources

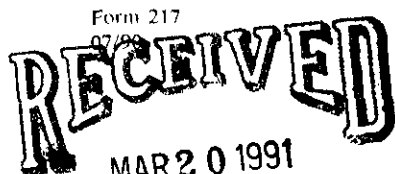
WATER RIGHT LICENSE

WATER RIGHT NO. 67-07794

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 23RD
day of APRIL, 19 94.

Acting for  R. Keith Higginson, Director

AUG 10 1994



STATE OF IDAHO

For Office Use Only
Amt. of Fee \$ 50.00
Date 3-20-91
Receipt No. CO19998
Received by JFL

Department of Water Resources

DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

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

1. Permit No. HUBERT BIBBE 67-7794 Telephone No. 549-3819
2. Name(s) of Permit Holder(s): 370 US 95 HUBERT BIBBE
3. Post Office Address: US 95 WEISER, ID 83672
4. Source of Water: GROUNDWATER
- a. If ground water, well driller's name: DALLAS Drilling Date drilled: 5/1987
- b. Pump horsepower: 3 HP Pressure (psi): _____ Dynamic pumping level (ft.): _____
5. Extent of Use: Changed from 2.5 HP Sept, 1990

Domestic _____ (No. of households) Irrigation 5 (No. of acres)

Stockwater _____ (No. and type of stock) Other _____

6. Total rate and/or volume for which proof is submitted 0.15 cfs _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

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

OR

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

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

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

Judy Scoles

Name

Telephone No.

SAME AS ABOVE

Address

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

3-20-91
Date

Judy Scoles for Hubert Bibbe
Signature (and title if on behalf of a company or organization)

AUG 06 1991

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 67-07794

Proposed Priority: October 19, 1989 Maximum Diversion Rate: 0.15 CFS
This is to certify, that PAULINE BIBEE

HUBERT BIBEE
370 U.S. 95
WEISER, ID 83672

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

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.15 CFS

LOCATION OF POINT(S) OF DIVERSION: NWSENW Sec. 15, Township 10N, Range 05W
WASHINGTON County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
10N	05W	15	SWNW 2	SENW 3		5
Total number of acres irrigated:						5

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before May 1, 1991.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.03 cubic feet per second for each acre of land.

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

13th day of April, 1990.

R. Keith Higginson
for R. Keith Higginson, Director

MICROFILMED

APR 19 1990

Ident. No. 67-07794

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: HUBERT BIBEE 208-549-3819
Address: 370 U.S. 95
WEISER, ID 83672
OR
Name: PAULINE BIBEE 208-549-3819
Address: 370 U.S. 95
WEISER, ID 83672
2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: NWSEW Sec. 15, Township 10N, Range 05W
WASHINGTON County
4. Water will be used for the following purposes:
- | Purpose | From | To | CFS | (or) | AF |
|------------|-------|-------|-------|------|----|
| IRRIGATION | 03/15 | 11/15 | 0.150 | | |
5. Total quantity appropriated is:
0.150 CFS (and/or) AF
6. Proposed diverting works:
- Description of ditches, flumes, pumps, headgates, etc.
WELL DRILLED 05/07/1987, 2.5 HP PUMP, SPRINKLERS
 - Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
 - Proposed well diameter is 10 inches; proposed depth of well is 42
feet.
 - Is groundwater with a temperature greater than 90F being sought? NO
7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 1 years.
8. Description of proposed uses:
IRRIGATION
9. Place of Use: IRRIGATION

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APR 19 1990

TWN	RGE	SEC	ACRES	ACRES	ACRES	TOTAL
10N	05W	15	SWNW 2	SEW 3		5
Total number of acres irrigated:						5

10. Describe any other water rights used for the same purposes.
A67-11032

11. a. Who owns the property at the point of diversion?

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.

12. Remarks:

13. Map of proposed point of diversion and place of use attached? ☒

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.

Michael B. Lee
Applicant

Received by Yes CV Date 10/20/89 Time 1:35pm Preliminary check by RW
Fee \$ 30.00 Receipted by CV # CD12413 Date 10-19-89
Publication prepared by GG Date 11-29-89 Published in Weiser Signal
Publication approved JH Date 2/9/90
12/7 & 12/14/89

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APR 19 1990

67-07794

12

P.D.

T 10N
R 5W

14

13

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UNRECORDED

APR 1 1960

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, } ss.
County of Washington }

Sarah Boles, being duly sworn,
deposes and says:

That he is the CLERK of
THE WEISER SIGNAL, a weekly newspaper published at
Weiser, in the County of Washington and State of Idaho; that
said paper has been and is in general circulation in the
county aforesaid, and in the vicinity of Weiser; that the ad-
vertisement, a copy of which is attached hereto, was pub-

lished in said newspaper once a week for two consecu-
tive weeks in the regular and entire issue of said paper dur-
ing the period and time of publication, and was published in
the newspaper proper and not in a supplement; that said
paper has been established and regularly published for more
than seventy-eight consecutive weeks prior to the date of
first publication of said advertisement.

Such notice was published in the issue beginning with
December 7, 1989, and ending
with the issue of December 14, 1989.

Sarah Boles
Fees, \$ 94.10

Subscribed and sworn to before me this 14
day of December, 1989.

[Signature]
Notary Public, Residing at Weiser, Idaho.

My Commission Expires 1-1, 1993.

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The Following application(s) have been filed to appropriate
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67-07794 [Signature]
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BIBEE, HUBERT
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5.0 ACRES TOTAL

67-07813
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HODGE, DELBERT
2345 VALLEY VIEW DR.
WEISER, ID 83672
Source: GROUNDWATER
Diversión Pt: SWSESE Sec 32 T 11N R 05W
Use: IRRIGATION STORAGE (.020 CFS)
Total Diversión: (.020 CFS)
Date Filed: 10/16/1989
In: T11N R05W S32 SESE

67-07817
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BRENT, RETAH G.
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Source: SPRINGS
Tributary: SINKS
Diversión Pt: SESESW Sec 12 T 11N R 05W
Use: STOCKWATER (.020 CFS)
Total Diversión: (.020 CFS)
Date Filed: 10/20/1989
In: T11N R05W S12 SENW NWSE

The permit(s) will be subject to all prior water rights. Protests
must be filed with the Director, Dept. of Water Resources,
Western Region, 2735 Airport Way, Boise, Idaho 83705 on or
before DECEMBER 26, 1989.

R. KEITH HIGGINSON, Director
Published 12/07/1989 & 12/14/1989

82-25

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APR 19 1990



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 28, 1994

PAULINE BIBEE
HUBERT BIBEE
370 US HWY 95
WEISER ID 83672

RE: WATER RIGHT NO. 67-07794

Dear Water Right Holder(s):

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

Sincerely,

A handwritten signature in black ink, appearing to be 'Jim Johnson', written over a horizontal line.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

AUG 10 1994

RECEIVED
MEMORANDUM APR 08 1994
Department of Water Resources

RECEIVED
MAR 31 1994
WATER RESOURCES
WESTERN REGION

DATE: March 30, 1994
TO: Steve Lester, Western Region
FROM: Cindy Zimmerman
SUBJECT: Return of B/U exam form 67-07794 to region

=====

During the licensing review of the beneficial use examination on this permit, I noted some discrepancies in the exam regarding the place of use.

The inconsistencies appear to be between the photoquad map, the hand-drawn map, and pou identified under Item C. 2. of the field report; and involve identification of the pou legal description and actual acres within the $\frac{1}{4}$ s.

I am returning the exam to you Steve for clarification.

Thanks . . .

Cindy
Am returning original exam to you.
-JL

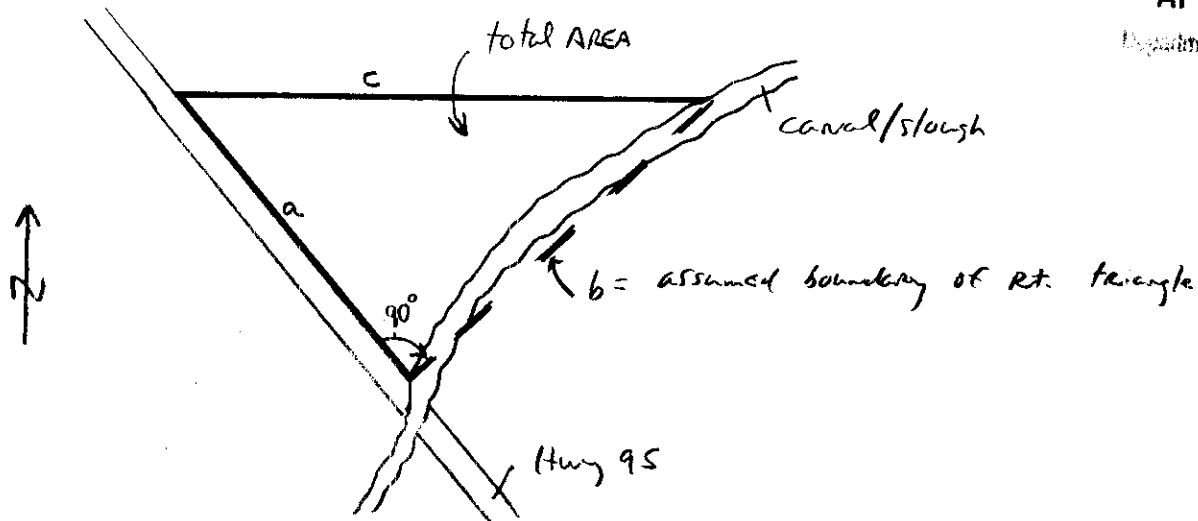
RECEIVED
AUG 10 1994

Plu on maps & diagram approximates a right triangle. Assume rt. triangle shape, use formulas from attached Table D to estimate total CRAA.

RECEIVED

APR 08 1994

Department of Water Resources

Step 1

Construct diagram from topo, label legs of triangle (a, b, c).

Step 2

Measure lengths of legs a & c on the 7 1/2' topo.
Scale of 7 1/2' topo = 1:24,000

$$a = (.25'') (24,000) \left(\frac{1 \text{ ft.}}{12 \text{ ins.}} \right) = 500'$$

$$c = (.45'') (24,000) \left(\frac{1 \text{ ft.}}{12 \text{ ins.}} \right) = 900'$$

Note that these ARE
higher values than
examiner's est. of 400' & 700'.
Step 4 confirms higher values.

Solve for b via formula in Table D:

$$b = \sqrt{c^2 - a^2} = \sqrt{(900)^2 - (500)^2} = \sqrt{560,000} = 748'$$

Step 3

Determine total AREA estimate from formula in Table D:

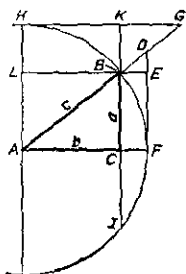
$$\text{AREA} = \frac{1}{2} ab = \frac{1}{2} (500)(748) = 187,000 \text{ ft}^2 \times \frac{1 \text{ AC.}}{43,560 \text{ ft}^2} = 4.3 \text{ ACRES}$$

Step 4

Most of area appears irrigated per orthophoto* & NAPP photo
(NAPP V-3-NE available at Region for confirmation) except bluffs in
eastern tip of triangle. Allow 4 acres per best estimate. Appears
@ 1.5 AC. Twnw plus 2.5 AC. Twnw can be recommended.
Adjust rate & VR appropriately: .12 cfs and 18 AFA.

* better quality copy attached
for orthophoto.

TABLE D TRIGONOMETRIC FORMULAS FOR
THE SOLUTION OF RIGHT TRIANGLES



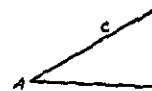
Let $A = \text{angle } BAC = \text{arc } BF$, and let radius $AF = AB = AH = 1$. Then,

$\sin A = BC$	$\csc A = AG$
$\cos A = AC$	$\sec A = AD$
$\tan A = DF$	$\cot A = HG$
$\text{vers } A = CF = BE$	$\text{covers } A = BK = LH$
$\text{exsec } A = BD$	$\text{coexsec } A = BG$
$\text{chord } A = BF$	$\text{chord } 2A = BI = 2BC$

In the right-angled triangle ABC, let $AB = c$, $BC = a$, $CA = b$. Then,

- | | |
|---|--|
| 1. $\sin A = \frac{a}{c}$ | 11. $a = c \sin A = b \tan A$ |
| 2. $\cos A = \frac{b}{c}$ | 12. $b = c \cos A = a \cot A$ |
| 3. $\tan A = \frac{a}{b}$ | 13. $c = \frac{a}{\sin A} = \frac{b}{\cos A}$ |
| 4. $\cot A = \frac{b}{a}$ | 14. $a = c \cos B = b \cot B$ |
| 5. $\sec A = \frac{c}{b}$ | 15. $b = c \sin B = a \tan B$ |
| 6. $\csc A = \frac{c}{a}$ | 16. $c = \frac{a}{\cos B} = \frac{b}{\sin B}$ |
| 7. $\text{vers } A = 1 - \cos A = \frac{c-b}{c} = \text{covers } B$ | 17. $a = \sqrt{c^2 - b^2} = \sqrt{(c-b)(c+b)}$ |
| 8. $\text{exsec } A = \sec A - 1 = \frac{c-b}{b} = \text{coexsec } B$ | 18. $b = \sqrt{c^2 - a^2} = \sqrt{(c-a)(c+a)}$ |
| 9. $\text{covers } A = \frac{c-a}{c} = \text{vers } B$ | 19. $c = \sqrt{a^2 + b^2}$ |
| 10. $\text{coexsec } A = \frac{c-a}{a} = \text{exsec } B$ | 20. $C = 90^\circ = A + B$ |
| (21) $\text{Area} = \frac{1}{2}ab$ | |

TABLE E TRIGONOMETRIC FORMULA
THE SOLUTION OF OBLIQUE TRIANGLE



No.	Given	Sought	
22	A, B, a	C, b, c	C = 180 b = c = Area = $\frac{1}{2}ab \sin C$
23	A, a, b	B, C, c	$\sin B = \frac{b \sin A}{a}$ C = c = Area = $\frac{1}{2}ab \sin C$
24	C, a, b,	c	$c = \sqrt{a^2 + b^2 - 2ab \cos C}$
25		$\frac{1}{2}(A+B)$	$\frac{1}{2}(A+B) = \frac{1}{2}(180 - C)$
26		$\frac{1}{2}(A-B)$	$\tan \frac{1}{2}(A-B) = \frac{a-b}{a+b} \cot \frac{1}{2}C$
27		A, B	$A = \frac{1}{2}(A+B) + \frac{1}{2}(A-B)$ $B = \frac{1}{2}(A+B) - \frac{1}{2}(A-B)$
28		c	$c = (a+b) \cos \frac{1}{2}C$
29		Area	$\text{Area} = \frac{1}{2}ab \sin C$
30	a, b, c	A	Let $s = \frac{a+b+c}{2}$
31			$\sin \frac{1}{2}A = \frac{b \sin \frac{1}{2}C}{c}$ $\cos \frac{1}{2}A = \frac{b \cos \frac{1}{2}C}{c}$ $\tan \frac{1}{2}A = \frac{\sin \frac{1}{2}C}{\cos \frac{1}{2}C} \frac{b}{c}$
32			$\sin A = \frac{2}{c} \sin \frac{1}{2}C \cos \frac{1}{2}C$ $\cos A = \frac{2}{c} \cos \frac{1}{2}C \sin \frac{1}{2}C$
33		Area	$\text{Area} = \sqrt{s(s-a)(s-b)(s-c)}$

AUG 10 1994

dated 7/10/81
NAPP U.S. Inc.
Contains this
Orthophoto from
the range

4/6/99

67-17794

14

Aug 13
10 1984

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

NOV 22 1993

APR 08 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 67-07794

1. Owner: Pauline & Hubert Bibee Phone No. 549-3819

Current Address: 370 U.S. 95 Weiser Ida 83672

2. Accompanied by: Pauline Bibee EXAM DATE: 6-22-93

Address: SAME Phone No. SAME

Relationship to Permit Holder: SAME

3. Source: GROUNDWATER tributary to NA

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 03-07003, 65-00165, 1-1917

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NW	SE	NW	15	10N	5W	WAHWAH	QUADS, OWNERS Tel

2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10N	5W	15							*	2				*3					5

* per Telecom w/ Steve Lester 4/8/94. c3.
to correspond with mapping.

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.D. as applicable.

Scale: 1" = _____

☒ Copy of USGS 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)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
—	GE	3	K56D7P100	STA-RITE	JH-4653

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A-						

2. Measurements: Theoretical & PRESSURE GAGE

03/05/04

400 0 1994

E. NARRATIVE/REMARKS/COMMENTS

* This system uses a 10" casing : A 3HP motor to irrigate
C. 5 acres of property. The well is 42' deep with a static
water level of 10'. The dynamic level is around 15'. (lowest)
The system uses risers : handlines to irrigate the
property. There is another well on the property that
is used for lawn : domestic purposes.

Note: It is fairly complicated to accurately measure the average
estimates indicate that the property is close to 5 acres. The lawn
: buildings factor to be 1/2 acre.

* The overwells are from different Pld's : for different
1/4's in the same 1/4 1/4.

Have conditions of permit approval been met? ☒ yes ☐ no

AUG 10 1994

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

$$\text{Theoretical} = \frac{3 \times 88 \times .70}{42 + (2.3 \times 45)} = \frac{18.48}{145.5} = .13 \text{ cfs}$$

$$\text{NEED} = 5 \times .03 = .15 \text{ cfs}$$

Allow system capacity

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5 \times 4.5 = 22.5 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .13 \times 245 \times 1.9835 = 6.3 \text{ AFA}$$

$$V = \text{Smaller of } V_{LR} \text{ and } V_{D.R.} = 6.3 \text{ AFA}$$

2. Volume Calculations for Other Uses:

None

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>IRRIGATION</u>	<u>11-15</u>	<u>3-15</u>	<u>.13 cfs</u>	<u>22.5 AFA</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<u>.13 cfs</u>	<u>22.5 AFA</u>

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

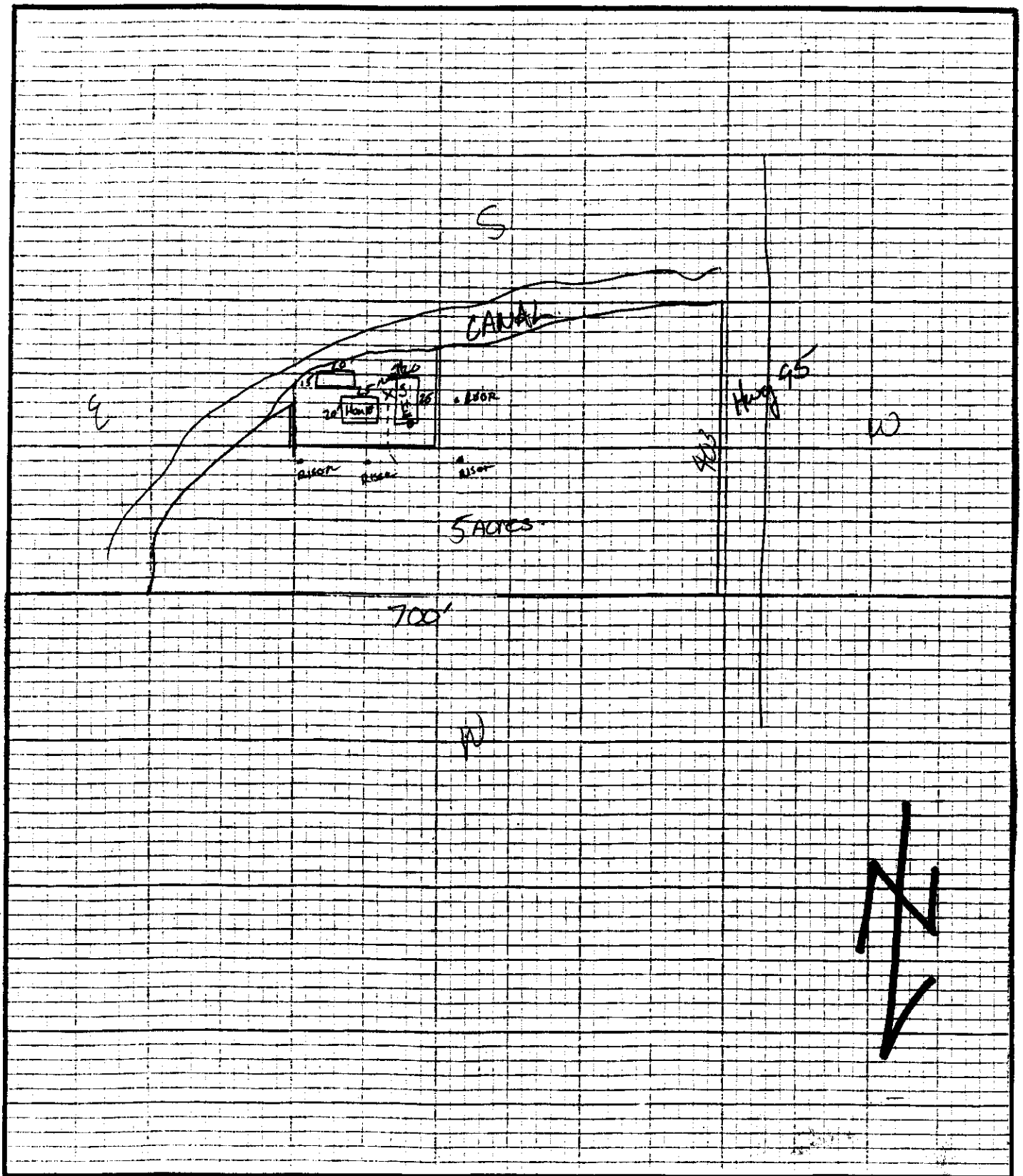
I. AUTHENTICATION

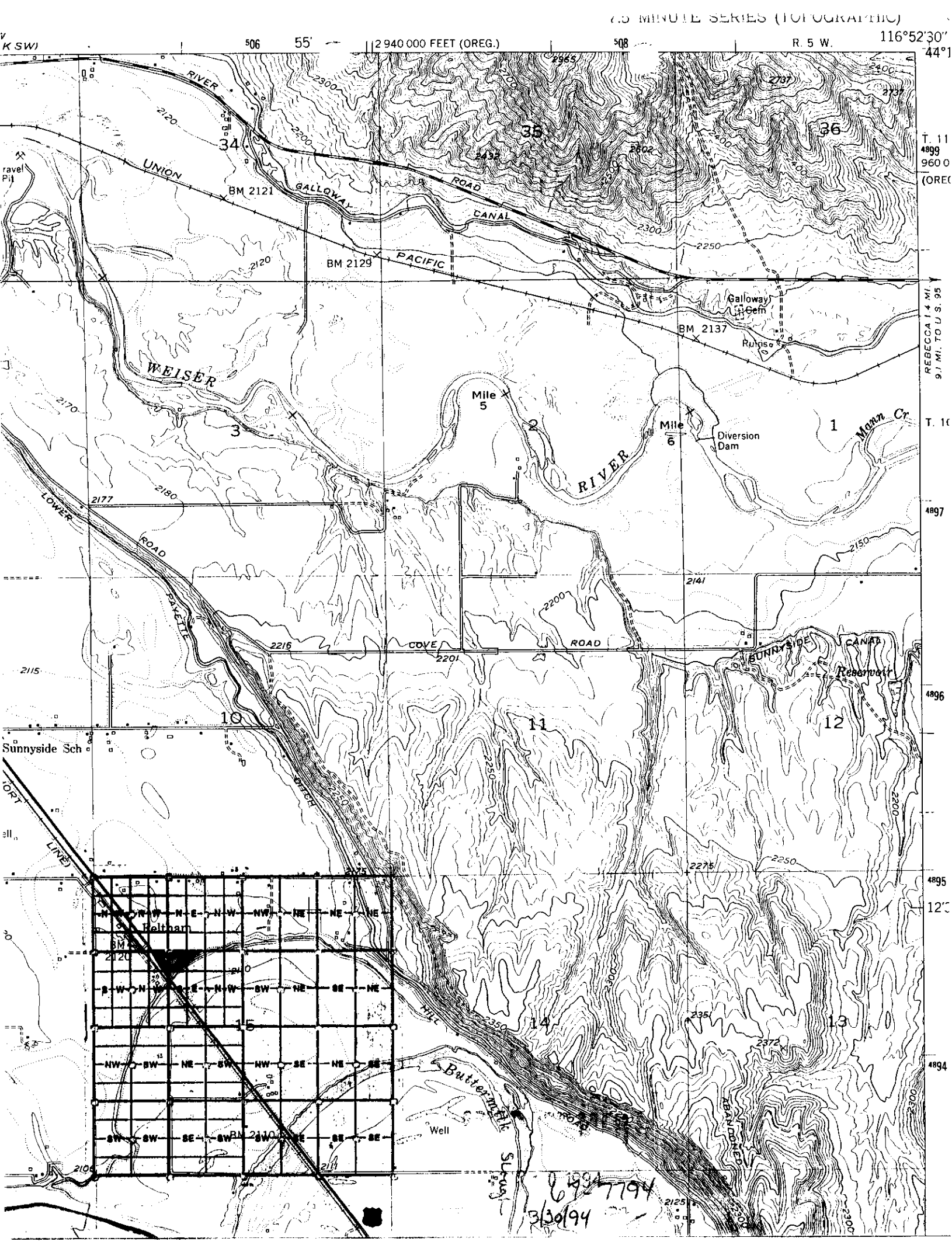
Field Examiner's Name [Signature] Date 7-12-93

Reviewer _____ Date _____

AUG 10 1994

STEM DESCRIPTION
ATTACHMENT TO FIELD EXAM FORM





T. 11
4899
960 0
(OREG)

REBECCA 1.4 MI.
9.1 MI. TO U.S. 95

T. 10

4897

4896

4895

12°

4894

64347794
3/30/94

AUG 10 1994

PERMIT 67-07794 INIT dy
10N SW
5.15

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: _____ OTHER APPLICABLE NO: WR # 67-67794
2. OWNER: Pauline Bibee & Hubert Bibee Phone: 549-3819
Address: 370 N.S. 75 WYMER, ID 83672
3. WELL LOCATION: Twp 10n, Rge. 5w, Sec. 15, SE 1/4 NW 1/4
County WASHINGTON (Provide sketch map and photo on reverse.)
4. DRILLER: Dallas Drilling Lic. No. _____
When Drilled? 5/87
5. WELL CONSTRUCTION:
Casing Diameter 10" inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 2 ft. Method Drilled _____
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ No
Condition of Piping and Valving _____
Auger to a depth of 42 ft. Evidence of Annular Seal ☐ Yes ☒ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
Depth to Static Water 10' ft. Water Temperature NA °F
Flowing Artesian ☐ Yes ☒ No Pressure: _____ (psi)
Water Sample Taken? ☐ Yes ☐ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☒ Domestic ☒ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: _____

AUG 10 1994

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☐ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☐ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS: _____

 7-12-93
Signature of Dept. Representative & Title Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:


AUG 10 1994



View of well's PIPE
SYSTEM Notice the spigot
ON TOP OF SYSTEM THIS
MAY BE USED TO IRRIGATE THE
LAWN

PHOTO ONE-

>

AUG 1993



Plu Looking North

PHOTO TWO-

MEMORANDUM

DATE: March 30, 1994
TO: Steve Lester, Western Region
FROM: Cindy Zimmerman
SUBJECT: Return of B/U exam form 67-07794 to region

=====

During the licensing review of the beneficial use examination on this permit, I noted some discrepancies in the exam regarding the place of use.

The inconsistencies appear to be between the photoquad map, the hand-drawn map, and pou identified under Item C. 2. of the field report; and involve identification of the pou legal description and actual acres within the $\frac{1}{4}$ s.

I am returning the exam to you Steve for clarification.

Thanks . . . *CZ.*

RECEIVED

AUG 10 1994

April 16, 1991

PAULINE BIBEE
HUBERT BIBEE
370 U.S. 95
WEISER, ID 83672

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 67-07794

Dear Permit Holder:

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

If you have questions concerning this matter, please feel free to contact the STATE Regional Office in Boise at (208)327-7900.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

MAILED

AUG 06 1991

138170
February 28, 1991

PAULINE BIBEE
HUBERT BIBEE
370 U.S. 95
WEISER, ID 83672

PROOF DUE NOTICE
RE: PERMIT NO. 67-07794

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before May 1, 1991. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

1991

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

Statehouse
Boise, Idaho 83720
(208) 327-7900
April 16, 1990

PAULINE BIBEE
HUBERT BIBEE
370 U.S. 95
WEISER, ID 83672

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

RE: PERMIT NO. P67-07794

Dear Permit Holder:

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

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

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

MICROFILMED

APR 19 1990

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

FILED

APR 13 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region
2735 AIRPORT WAY

Boise, Idaho 83705
(208) 334-2190

NOVEMBER 29, 1989

The Weiser Signal
P.O. Box 709
Weiser, ID 83672

Dear Legal Dept.:

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. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before DECEMBER 26, 1989.

Yours truly,

GAIL GARRETT
Secretary

Encl.

MICROFILMED

APR 19 1990

67-07794

BIBEE, PAULINE
BIBEE, HUBERT
370 U.S. 95
WEISER, ID 83672

Source: GROUNDWATER

Diversion Pt: NWSNW Sec 15 T 10N R 05W

Use: IRRIGATION (.150 CFS)
Total Diversion: (.150 CFS)

Date Filed: 10/19/1989

In: T10N R05W S15 SWNW SENW

5.0 ACRES TOTAL

MICROFILMED

APR 19 1990