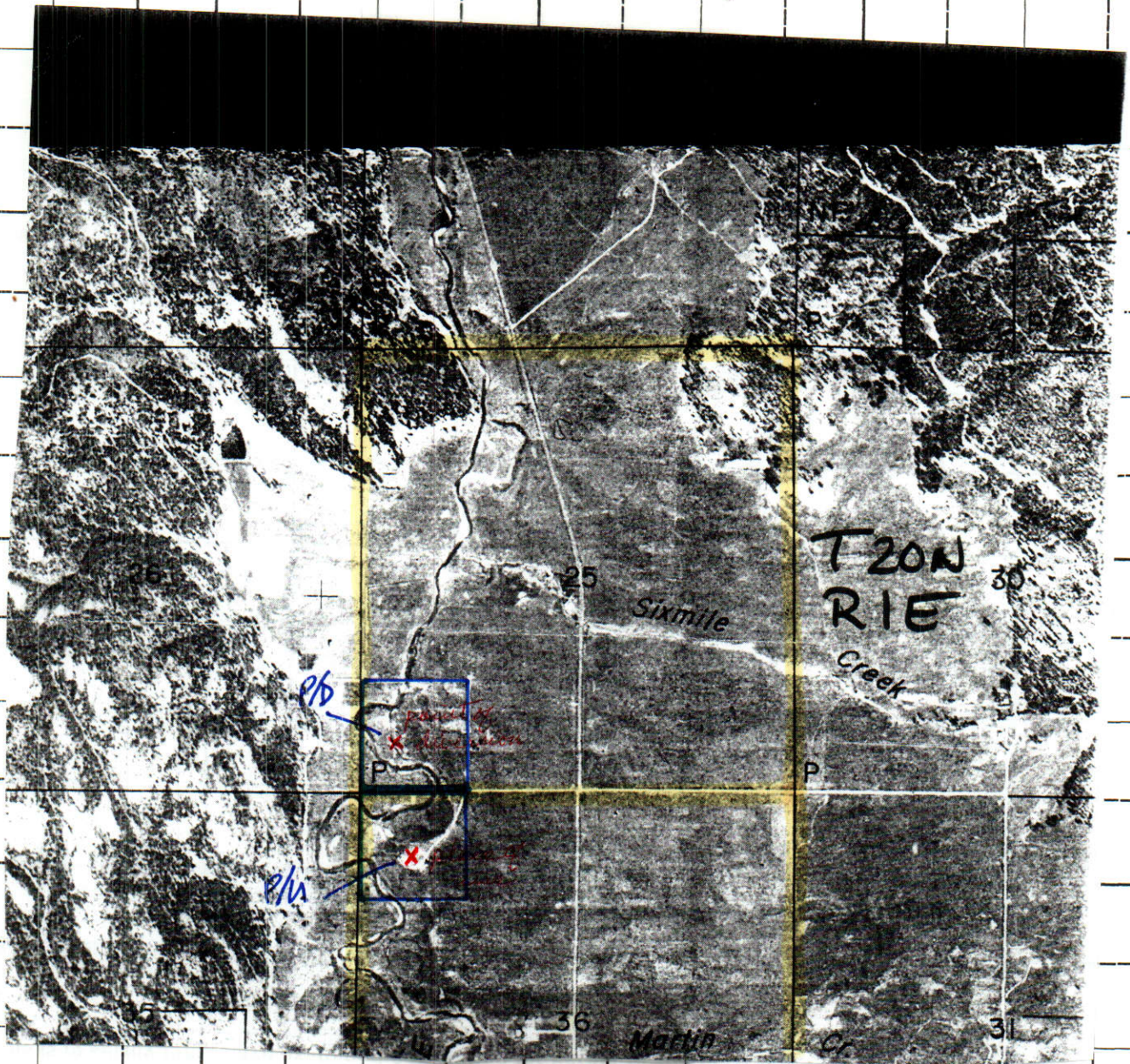


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



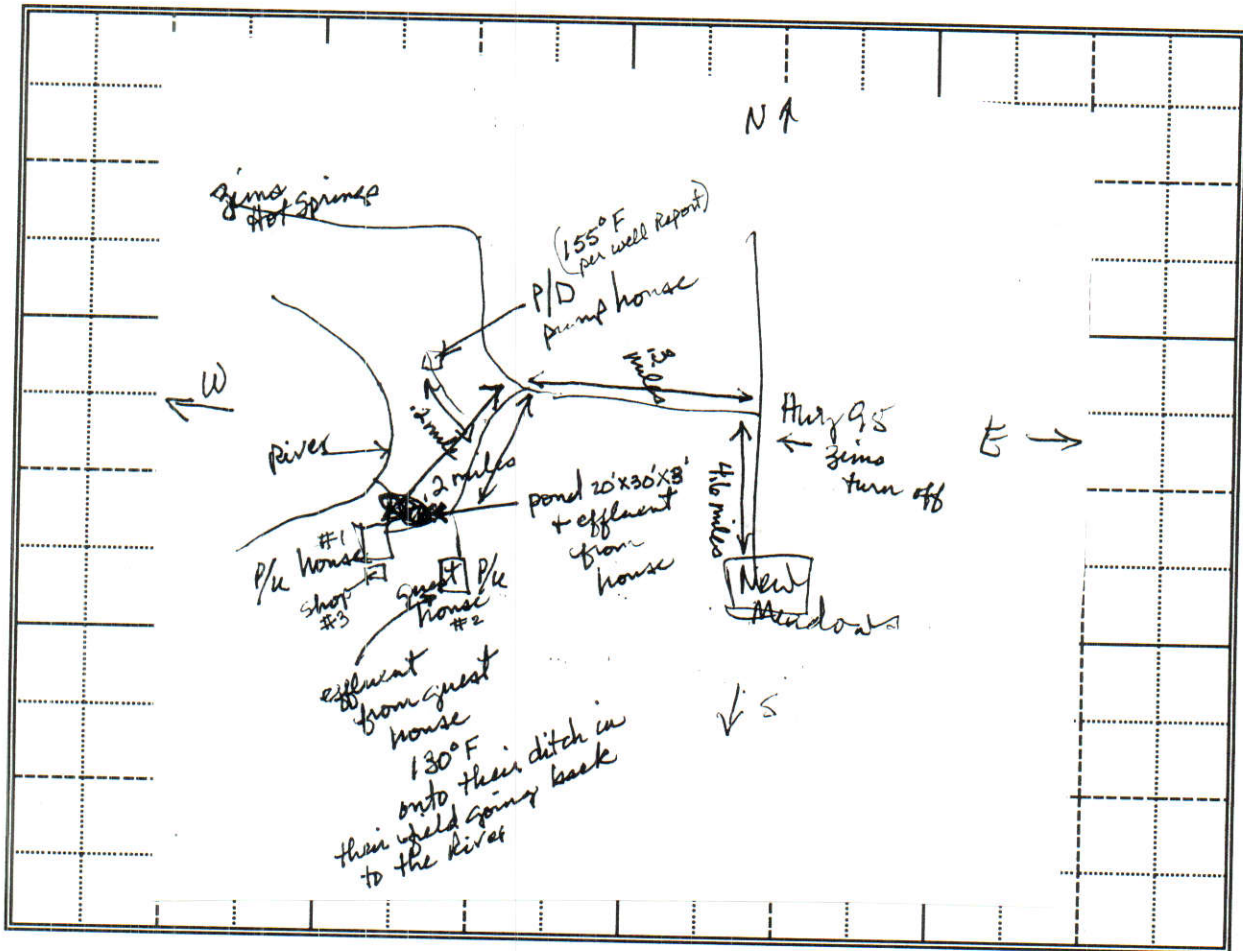
Scale: 2 inches equal 1 mile.

OCT 25 1993

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.

Ray L. Sullivan
(Applicant)

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
Submersible		2		Magnetek M Century Electric Jet Pump cat. No B831 Part 8-1643	1 1/4"
					92-01

*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

2. Measurements:

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? _____

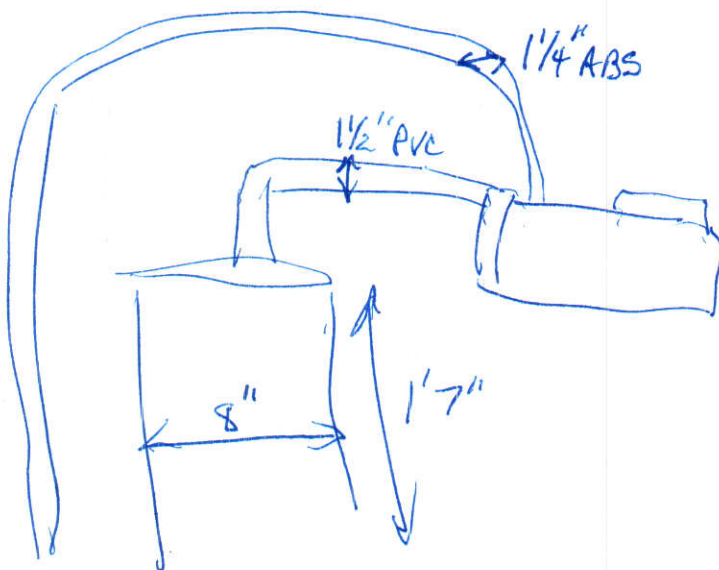
How far away from the well is this source? _____

9. REMARKS: _____

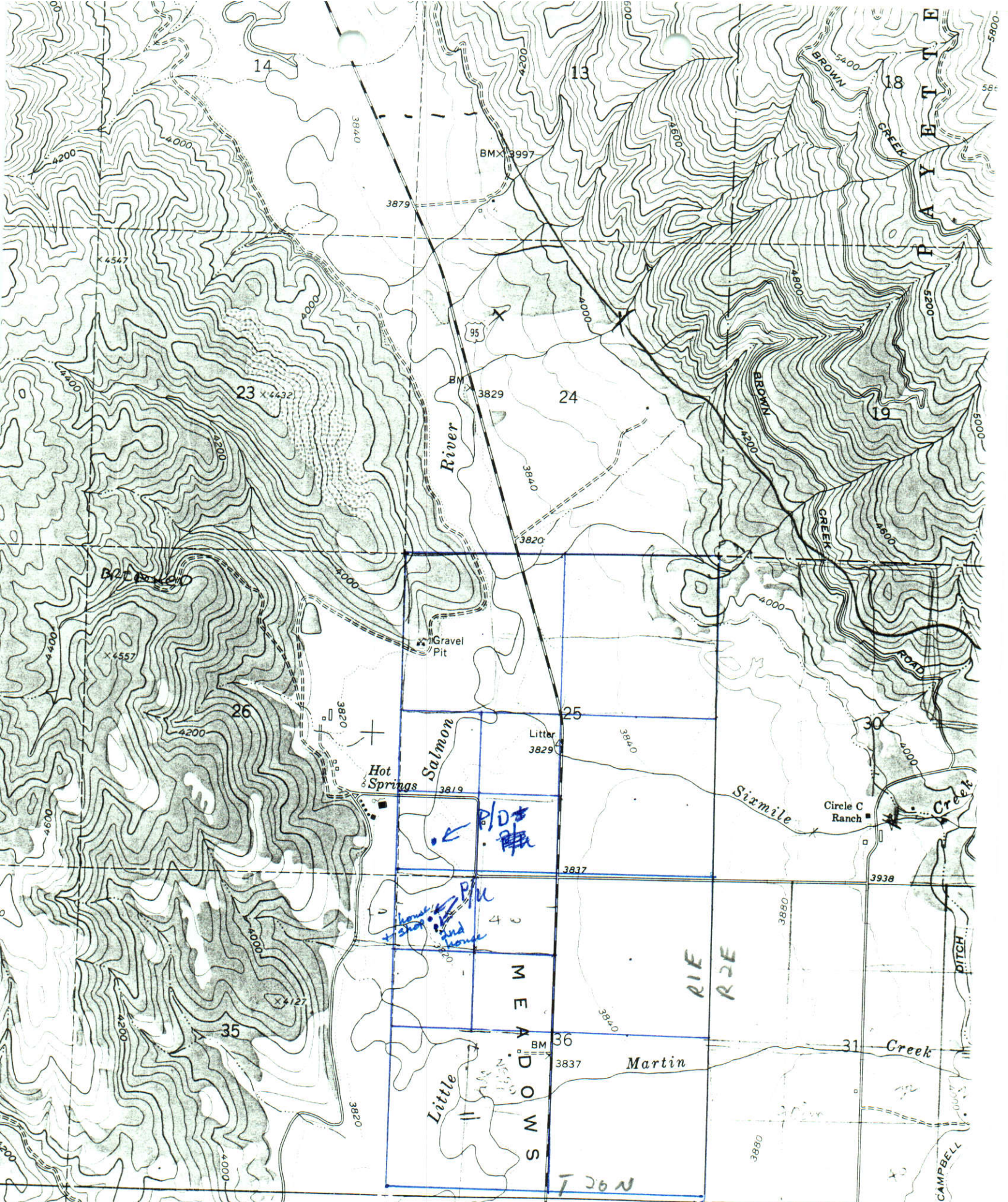
Sandy Hemminger, WR Agent
Signature of Dept. Representative & Title

10/30/95
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



Magnetek M Century Electric
Jet Pump 2HP
Cat. No B831
Part 8-164392-01



Permit No. 78-07346
P/D: T40N R1E S25 SWSW
7.5 USGS Topo.

S.H.



P/O:

78-07346
10/20/95 S.H.

Groundwater source
8" casing; 2HP Electric Jet Pump
155°F
1 1/4" ABS

P/u:
900 sq. ft. house, 750 sq. ft. shop
2800 sq. ft. house
P/O: Pump House



P/u:
2800 sq. ft. house
ducting throughout the
house, piped under the
crawl space



P/u:
750 sq. ft. shop
900 sq. ft. house
piped to radiators w/ fans



78-07346
10/20/95 S.H



Discharge from house + shop
to pond

.02 cfs @ 130°F

Discharge pond
from house + shop,
overflow goes into
the River

(no additives have
been put into the
water at any time)



(these pictures had to be retaken,
since there were problems w/ the
camera. When the pictures were
retaken, the heating had been
shut off, so no discharge is
shown in this picture.)

discharge from and
house, into ditch, +
sinking in the field
.03 cfs @ 130°F

Affidavit of Publication

State of Idaho, County of Adams, ss:

I, Bert J. Rogers, being first duly sworn upon my Oath, depose and say that I am the publisher of **The Adams County**

Leader, a newspaper; that a copy of the "Notice of Application

Kay & Forrest Williams

as per clipping

hereto attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for

two (2) consecutive weeks, the first publication of the

same being made in the issue dated July 22, 1993

and the last in the issue dated July 29, 1993 that said newspaper is of general circulation in Adams County Idaho, printed and published weekly at Council therein and that said newspaper has been continuously and uninterruptedly published in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of

said "Notice" as aforesaid.

Subscribed and sworn to before me this 29th

day of July, 19 93

Bert J. Rogers
Notary Public for Idaho,
Residing at Council, Idaho

NOTICE OF APPLICATION FOR WATER RIGHT

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

78-07346 ✓

WILLIAMS, KAY

WILLIAMS, FORREST

PO BOX 266

NEW MEADOWS, ID 83654

Source: GROUNDWATER

Diversion Pt: SWSW Sec 25

T 20N R 01E in ADAMS

County.

Use:

FISH

PROPAGATION (.300 CFS)

HEATING (.200 CFS)

Total Diversion: (.500 CFS)

Date Filed: 3/31/1993

In: ADAMS County

T20N R01E S36 NWNW

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise Idaho 83705 on or before AUGUST 9, 1993.

R. KEITH HIGGINSON,

Director

Published 7/21/1993 &
7/28/1993

RECEIVED
JUL 30 1993

Department of Water Resources
Western Regional Office

OCT 25 1993

RECEIVED

AUG 16 1994

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form 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, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 12-07346 Telephone No. 208-347-2417
2. Name(s) of Permit Holder(s): Forrest & Kay Williams
3. Mailing Address: P.O. Box 266 New Meadows, ID. 83654
4. Source of Water: Well If GROUNDWATER (well), Date Drilled: mo. / yr.
 - a. Well Driller: Menasco Drilling Drilling Permit Number: - -
 - b. **OPTIONAL:**
Pump Horsepower: Pressure (psi): Dynamic pumping level (ft):
5. Use(s) (as authorized by the water right permit):
Domestic (No. of households): Stockwater (No. and type of stock):
Irrigation (No. of acres): Other: Fish prop. & heating
6. Total rate of diversion and/or volume for which proof is submitted: .50 cfs OR acre feet
7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)
(This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device:	Is a measuring device required?	Yes <u> </u>	or	No <u>✓</u>
	Has the measuring device been installed?	Yes <u> </u>	or	No <u> </u>
Flow Measurement Port:	Is a flow measurement port required?	Yes <u> </u>	or	No <u>✓</u>
	Has the measurement port been installed?	Yes <u> </u>	or	No <u> </u>
8. Fee Enclosed: \$ 100⁰⁰ (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination allow water system.
Name: Forrest Williams Telephone Number:
Address: Same
10. The information given on this form 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.

Signature of permit holder: Kay Williams Date: 8-16-94
(include your title, if on behalf of company or organization)

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 78-07346

Proposed Priority: March 31, 1993 Maximum Diversion Rate: 0.50 CFS
This is to certify, that KAY WILLIAMS

FORREST WILLIAMS
PO BOX 266

NEW MEADOWS ID 836540266

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>
FISH PROPAGATION	01/31 to 12/31	0.30 CFS
HEATING	01/31 to 12/31	0.20 CFS
	Totals	0.50 CFS

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 25, Township 20N, Range 01E
ADAMS County

PLACE OF USE: FISH PROPAGATION
TWN RGE SEC

20N 01E 36 NWNW

PLACE OF USE: HEATING, same as FISH PROPAGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 1994.
2. Subject to all prior water rights.
3. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. A well drilled pursuant to this permit must be located at least 500 feet from any existing well. Well spacing closer than 500 feet must be approved by the Department of Water Resources.
5. Construction of the well must comply with Idaho well construction standards.
6. Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
7. Return water shall be treated to insure that the effluent meets interstate stream water quality standards.
8. The right holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.

MICROFILMED

OCT 25 1993

State of Idaho
Department of Water Resources**Permit To Appropriate Water**

NO. 78-07346

CONDITIONS/REMARKS:

9. Measuring devices of a type approved by the Department shall be permanently installed and maintained at the point of diversion and the point of effluent discharge.
10. Assignment or sale of this right is subject to a determination by the Department that the right holder has proceeded to develop the right with due diligence and without speculation.
11. Heating use is for 3 homes.
12. Fish propagation use is for raising tropical fish.

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

3rd day of September, 1993.

R. Keith Higginson
for
R. Keith Higginson, Director

OCT 25 1993

RECEIVED
AUG 13 1993

Ident. No. 78-07346

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: KAY WILLIAMS 208-347-0791
Address: PO BOX 266
NEW MEADOWS ID 83654

Name: FORREST WILLIAMS 208-347-0791
Address: PO BOX 266
NEW MEADOWS ID 83654

2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: SWSW Sec. 25, Township 20N, Range 01E
ADAMS County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
FISH PROPAGATION	01/31	12/31	0.300		
HEATING	01/31	12/31	0.200		

5. Total quantity to be appropriated is:
0.500 CFS (and/or) AF

6. Proposed diverting works:
- a. Description of ditches, flumes, pumps, headgates, etc.
WELL
 - b. Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
 - c. Proposed well diameter is inches; proposed depth of well is
feet.
 - d. Is groundwater with a temperature greater than 85F being sought? NO
 - e. If well is already drilled, when?
Drilling Firm
Well was drilled for

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

RECORDED
OCT 25 1993

8. Place of Use: FISH PROPAGATION

TWN RGE SEC
20N 01E 36 NWNW

Place of Use: HEATING

TWN RGE SEC
20N 01E 36

9. 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.

10. Remarks:

Heating is for 3 homes.
Fish Propagation is for raising tropical fish.

11. 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.

Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ 45.00 Receipted by _____ #W016083 Date 3/31/1993

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

RECEIVED
OCT 25 1993

RECEIVED
JUN 15 1993

Ident. No. 78-07346
~~67-07912~~

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: FORREST WILLIAMS 208-347-0791
Address: PO BOX 266
NEW MEADOWS ID 83654
AND/OR
Name: KAY WILLIAMS 208-347-0791
Address: PO BOX 266
NEW MEADOWS ID 83654

2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: SWSW Sec. 25, Township 20N, Range 01E
ADAMS County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
FISH PROPAGATION	01/31	12/31	0.300		
HEATING	01/31	12/31	0.200		

5. Total quantity to be appropriated is:
0.500 CFS (and/or) AF

6. Proposed diverting works:

- Description of ditches, flumes, pumps, headgates, etc.
WELL
- 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 8 inches; proposed depth of well is 50
feet.
- Is groundwater with a temperature greater than 85F being sought? YES

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

8. Place of Use: FISH PROPAGATION

TWN RGE SEC
02N 01E 36 NWNW

20N

MICROFILMED

OCT 25 1993

Place of Use: HEATING

TWN RGE SEC
02N 01E 36

9. 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.

10. Remarks:

11. 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.

Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ _____ Receipted by _____ # _____ Date _____

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

RECORDED

OCT 25 1993

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MAR 31 1993

Form 202
6/85

Department of Water Resources
Western Regional Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 67-07917

To appropriate the public waters of the State of Idaho

1. Name of applicant Farrest +/or Ray Williams Phone 347-2417
Post office address P.O. Box 266 New Meadows, Id. 83654
2. Source of water supply GROUND WATER which is a tributary of _____
3. Location of point of diversion is _____ $\frac{1}{4}$ of S.W. $\frac{1}{4}$ of S.W. $\frac{1}{4}$, Govt. Lot _____
Sec. 25 Township 20 N Range 1 E B.M. Adams County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .30 for Fish propagation purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .20 for Heating purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

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

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

5. Total quantity to be appropriated is (a) .50 cubic feet per second and/or (b) _____ acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 8" diameter well -
approx. 50' deep

* 175-gal aquarium, 12 thirty gal aquariums

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

c. Proposed well diameter is 8 inches; proposed depth of well is 50' feet.

d. Is ground water with a temperature of greater than 90°F being sought? yes

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

* per owner - tele com 5/10/93

OCT 25 1993

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. 3
- e. Other; describe fully. Heating for 3 homes, Raising tropical fish.

9. Description of place of use:

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
20N	1E	25										X					X	X	
		36					H												
							F												

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. _____

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

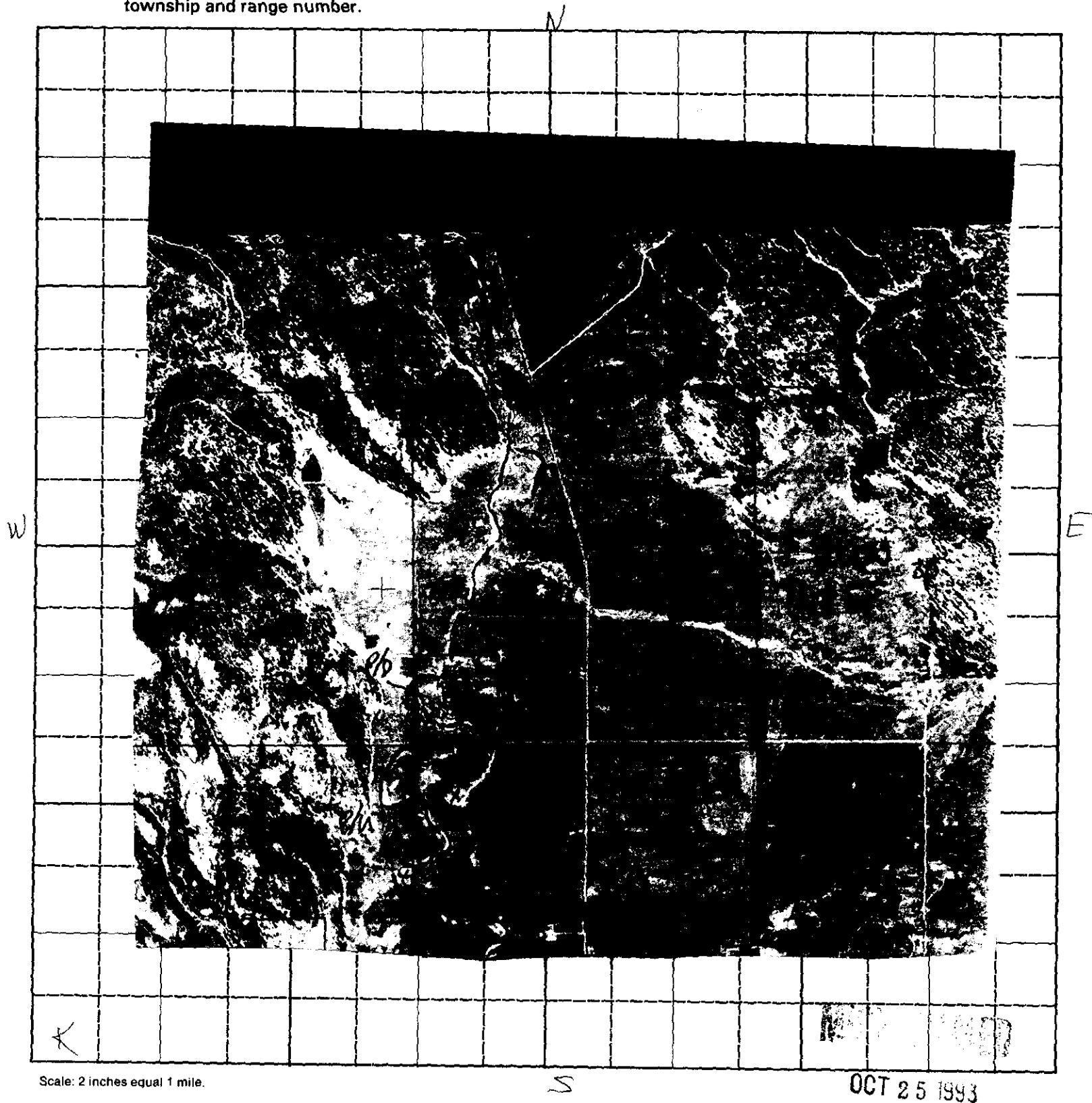
12. Remarks: Water is 155° F

* per topo
* per owner / tele conv 4/14/93

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OCT 25 1993

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



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.

Kay L. Hutchinson
(Applicant)

Received by Jf Date 3-31-93 Time 10:05am Preliminary check by ly
Fee \$ 45.00 Receipted by Jf # W0016083 Date 3-31-93
Publication prepared by At Date 7-14-93 Published in Adams City Leader
Publication approved At Date 5-13-93 5-19+20, 1993
6-7-93 7/21+28/93
8-9-93

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

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

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

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

NOT RECORDED

OCT 25 1993

JUL 22 1996

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 78-07346

1. Owner: Kay & Forrest Williams Phone No. (208) 347-2417

Current Address: PO Box 266 New Meadows, Id 83654-0266

2. Accompanied by: Kay Williams EXAM DATE: 10/20/95

Address: PO Box 266 New Meadows, Id. Phone No. (208) 347-2417

Relationship to Permit Holder: Self

3. Source: groundwater tributary to —

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 78-02071, 78-04114, 78-07263A

2. Other water rights with the same point of diversion: 78-04025, 78-04305, 78-07112

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

[illegible]

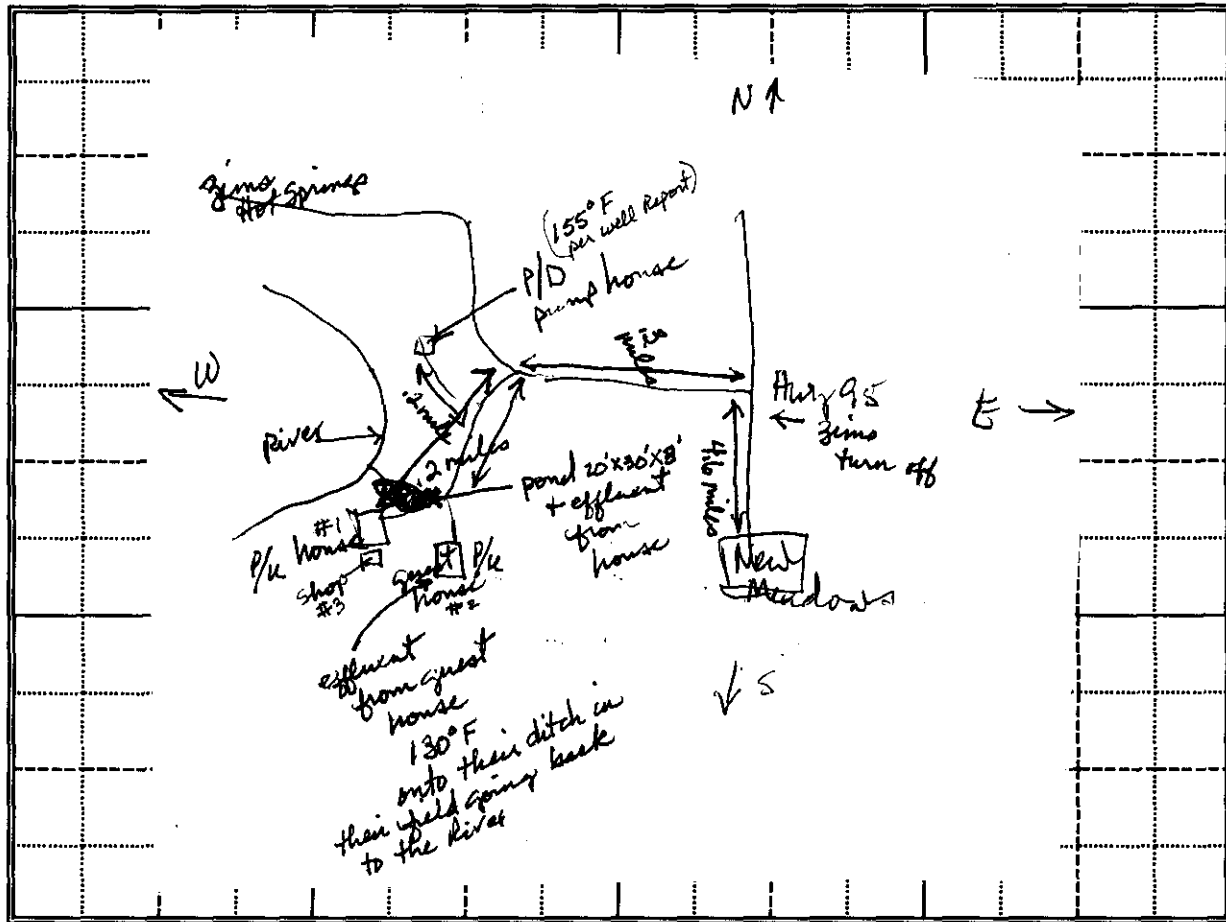
2. Place(s) of Use:

Indicate Method of Determination

USGS Topo. 4
exam

[illegible]

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
Submersible		2		Magnetek M Centurion Electric Jet Pump cat. No B831 Part 8-1643	1 1/4"
					92-01

*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

2. Measurements:

E. NARRATIVE/REMARKS/COMMENTS

- Other WR: A78-02071C (Little Salmon), A78-10176 (Groundwater - internal), A78-04114A (Martin Creek), A78-10248 (Springs), A78-04114C (Martin Creek).
- Overlaps for P/D are other sources; overlaps for P/R are other land &/or other uses.
- No govt. lots were found.
- Use is heating (& hot water) for 2 houses & a shop,
~~_____~~
- ~~_____~~ fish propagation is being carried on as a large.
- Other water sources: domestic cold-water well
- The system consists of a groundwater source, ^{2 HP electric jet pump} 8 casing, with a temperature at the source of 155°F, 1 1/4" ABS discharge to a 2800 sq. ft home, a 900 sq. ft house, & a 750 sq. ft shop, going into the crawl space, with ducting throughout the buildings. The shop also has radiators w/fans. The system is a direct need-be flow through system, with no additives or treatment done to the water. The return water from the house & shop discharges into a pond @ .02 cfs @ 130°F; the discharge from the 2nd house goes out onto their field into a ditch @ .03 cfs @ 130°F, & sinks.

Have conditions of permit approval been met? yes ☒ no

- (07C) Nothing has been added to the water to make the discharge altered from its natural make-up.
- (002) No measuring device was installed at the P/D or at the point of effluent discharge

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: 78-89-2-002 OTHER APPLICABLE NO: 78-07346

2. OWNER: Kay & Forrest Williams Phone: (208) 347-2417
Address: PO Box 266 New Meadows, Id 83654-0266

3. WELL LOCATION: Twp 20N, Rge. 1E, Sec. 25, SW 1/4 SW 1/4
County Adams (Provide sketch map and photo on reverse.)

4. DRILLER: Menasco Drilling Lic. No. 391
When Drilled? 5/26/89

5. WELL CONSTRUCTION:

Casing Diameter 8 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No

Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____

Depth of Casing 40 ft. Method Drilled rotary air

Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____

Control Valve? ☒ Yes ☐ No Pressure Gauge: ☐ Yes ☐ No

Condition of Piping and Valving good

Auger to a depth of _____ 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 2 ft. Water Temperature 130 °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: _____

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? _____

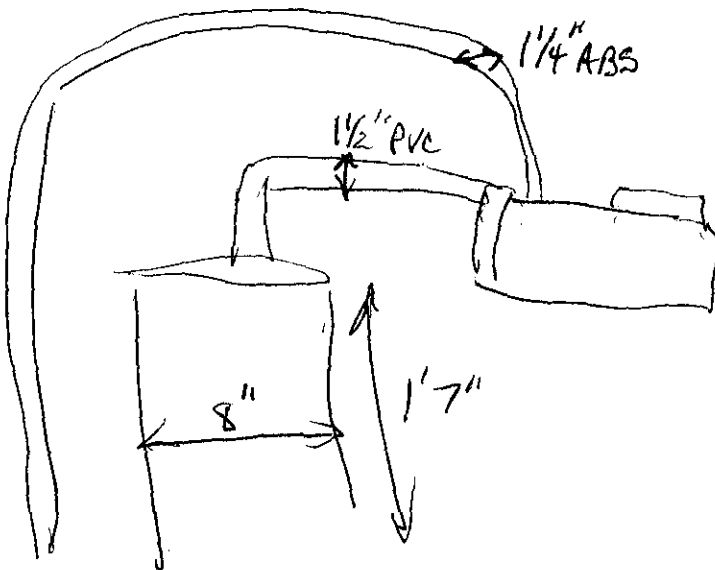
How far away from the well is this source? _____

9. REMARKS:

Sandy Henningsen, CSR Agent
Signature of Dept. Representative & Title

10/30/95
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



Magnetek M Century Electric
Jet Pump 2HP
Cat. No B831
Part 8-164312-01

78-07346

WELL OWNER

Name Forrest + Kay Williams
 Address Box 266 New Meadows, ID 83654
 Owner's Permit No. 78-89-2-002

NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

METHOD DRILLED

☐ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary
☐ Cable ☐ Dug ☐ Other _____

WELL CONSTRUCTION

Drilling schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>150</u> inches	<u>8"</u> inches	<u>1</u> feet	<u>40</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Is casing drive shoe used? ☒ Yes ☐ No
 Is a packer or seal used? ☐ Yes ☒ No
 Is perforated? ☐ Yes ☒ No
 How perforated? ☐ Factory ☐ Knife ☐ Torch
 Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Is screen installed? ☐ Yes ☒ No
 Manufacturer's name _____ Model No. _____
 Diameter _____ Slot size _____ Set from _____ feet to _____ feet
 Diameter _____ Slot size _____ Set from _____ feet to _____ feet
 Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
 Sealed from _____ feet to _____ feet
 Face seal depth 30' Material used in seal: ☒ Cement grout
☐ Bentonite ☐ Puddling clay ☐ _____
 Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing
☐ Overbore to seal depth
 Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld
☐ Cemented between strata

Describe access port Sanitary Well Seal

LOCATION OF WELL

Sketch map location must agree with written location.

N
 Subdivision Name _____
 E
 Lot No. _____ Block No. _____
 S
 Twp. ADAMS
 Sec. 25 T. 20 S. R. 1 W.

7. WATER LEVEL

Static water level 2' feet below land surface.
 Flowing? ☐ Yes ☒ No G.P.M. flow _____
 Artesian closed-in pressure _____ p.s.i.
 Controlled by: ☐ Valve ☐ Cap ☐ Plug
 Temperature 155 OF. Quality Clear
 Describe artesian or temperature zones below.

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>170</u>	<u>30'</u>	<u>1 hr.</u>
_____	_____	_____
_____	_____	_____

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water Yes No
	From	To		
<u>10"</u>	<u>0</u>	<u>4</u>	<u>TOP SOIL</u>	<u>X</u>
<u>10"</u>	<u>4</u>	<u>20</u>	<u>Gravel & Boulders</u>	<u>X</u>
<u>8"</u>	<u>20</u>	<u>35</u>	<u>" "</u>	<u>X</u>
<u>8"</u>	<u>35</u>	<u>38</u>	<u>CLAY (white)</u>	<u>X</u>
<u>8"</u>	<u>38</u>	<u>55</u>	<u>Volcanic rock</u>	<u>X</u>
			<u>11 Bags grout.</u>	

10.

Work started 5:25.89 finished 5:26.89

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Menard Drilling Firm No. 341
 Address McAll, Id. Date 7.1.89
 Signed by (Firm Official) ATSAH
 and
 (Operator) ATSAH

① Permit: fish propagation 1/31-12/31 .3 cfs
 heating 1/31-12/31 .2 cfs
 .5 cfs

② B/U fee: \$100.00 8/16/94 .21-1.0 cfs
 fish prop. + heating ~~21-100 Af~~
 21-100 Af

③ Measurement:
 5 gal. bucket (2 effluents @ time) + (effluent from 1st house to the pond)

effluent from 2nd house

① $\frac{5 \text{ gal.} \times 60 \text{ sec.}}{79 \text{ sec.}} = 3.8 \text{ gpm} \times \frac{.00223 \text{ cfs}}{\text{gpm}} = .008 = .01 \text{ cfs}$

② $\frac{5 \text{ gal.} \times 60 \text{ sec.}}{45 \text{ sec.}} = 6.66 \text{ gpm} \times \frac{.00223 \text{ cfs}}{\text{gpm}} = .015 = .02 \text{ cfs}$

.01 cfs + .02 cfs = .03 cfs total effluent measured from 2nd house

effluent to pond from 1st house + shop

③ $\frac{5 \text{ gal.} \times 60 \text{ sec.}}{42 \text{ sec.}} = 7.14 \text{ gpm} \times \frac{.00223 \text{ cfs}}{\text{gpm}} = .015 = .02 \text{ cfs}$

#1 + #2 + #3 = .05 cfs effluent total from heating being run through the system (what they are using)

Theoretical Pump Efficiency Calculations:
 (see attachment) = .20 cfs

④ Measurement of Residential Space heating (see 3 attachments)

Flow:
 #1 + #2 + #3 = .01 cfs + .01 cfs + .01 cfs = .03 cfs

Volume:
 1.3 Af/a + 1.0 Af/a + .8 Af/a = 3.1 Af/a

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 78-07346

DATE: 31-JAN-96

COMPLETE BY: SANDY HEMENWAY

HORSEPOWER = 2

PUMP EFFICIENCY = 70%

DYNAMIC LIFT = 12 FEET *2' static + 10'*

SYSTEM PRESSURE = 30 PSI *20-40 psi domestic, with 30psi since no*

QUANTITY = 0.15 CFS = *0.20 cfs* *pressure gauge*
capacity of the system

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS
FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Sandy Hemenway
Exam Date: 04/23/96
File No: 78-07346
Computations for: HEATING
Domestic

REQUIRED DATA:

#1
house
Area of livable floor space, ft² (A) 2800
2 story? (N=1, Y=2) 1
House efficiency factor (e) * 0.28
Inside design temperature (Ti) 70
Average outside temperature (To) ** -8
Source temperature, degrees F (S) 155
Heating/cooling days per season (D) 240
Hours/day system operates (H) 6

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER	SUMMER
4 deg F Boise	80 deg F Boise
6 deg F Grand View	90 deg F Grand View
-8 deg F Cascade	70 deg F Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] \times A$
Applies factor of 0.8 for two-story dwelling

E = 61,152 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 25.5 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.01 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 1.3 Afa

#1

Flow:

#1 + #2 + #3
0.01 cfs + 0.01 cfs + 0.01 cfs = 0.03 cfs

Volume:

1.3 Afa + 1.0 Afa + 0.8 Afa = 3.1 Afa

Amounts allowed for this system

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS
FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Sandy Hemenway
Exam Date: 04/23/96
File No: 78-07346
Computations for: HEATING
Domestic

REQUIRED DATA:

2

Area of livable floor space, ft² (A) 900
2 story? (N=1, Y=2) 1
House efficiency factor (e) * 0.67
Inside design temperature (Ti) 70
Average outside temperature (To) ** -8
Source temperature, degrees F (S) 155
Heating/cooling days per season (D) 240
Hours/day system operates (H) 6

Second house

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER	SUMMER
4 deg F Boise	80 deg F Boise
6 deg F Grand View	90 deg F Grand View
-8 deg F Cascade	70 deg F Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] A$
Applies factor of 0.8 for two-story dwelling

E = 47,034 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 25.5 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.01 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 1.0 AFA

2

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS
FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Sandy Hemenway
Exam Date: 04/23/96
File No: 78-07346
Computations for: HEATING
Domestic

REQUIRED DATA:

3

Area of livable floor space, ft² (A) 750 Shop
2 story? (N=1, Y=2) 1
House efficiency factor (e) * 0.67
Inside design temperature (Ti) 70
Average outside temperature (To) ** -8
Source temperature, degrees F (S) 155
Heating/cooling days per season (D) 240
Hours/day system operates (H) 6

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER	SUMMER
4 deg F Boise	80 deg F Boise
6 deg F Grand View	90 deg F Grand View
-8 deg F Cascade	70 deg F Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] A$

Applies factor of 0.8 for two-story dwelling

E = 39,195 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 25.5 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.01 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 0.8 AFA

3

	Recs	Mean	Std Dev	Minimum	Maximum
Latitude	199	45.037125N	109.90879	45.036774N	45.037646N
Longitude	199	116.287591W	43.300422	116.287763W	116.287176W
Altitude	199	3752.475164	241.60458	3361.350654	4112.286499

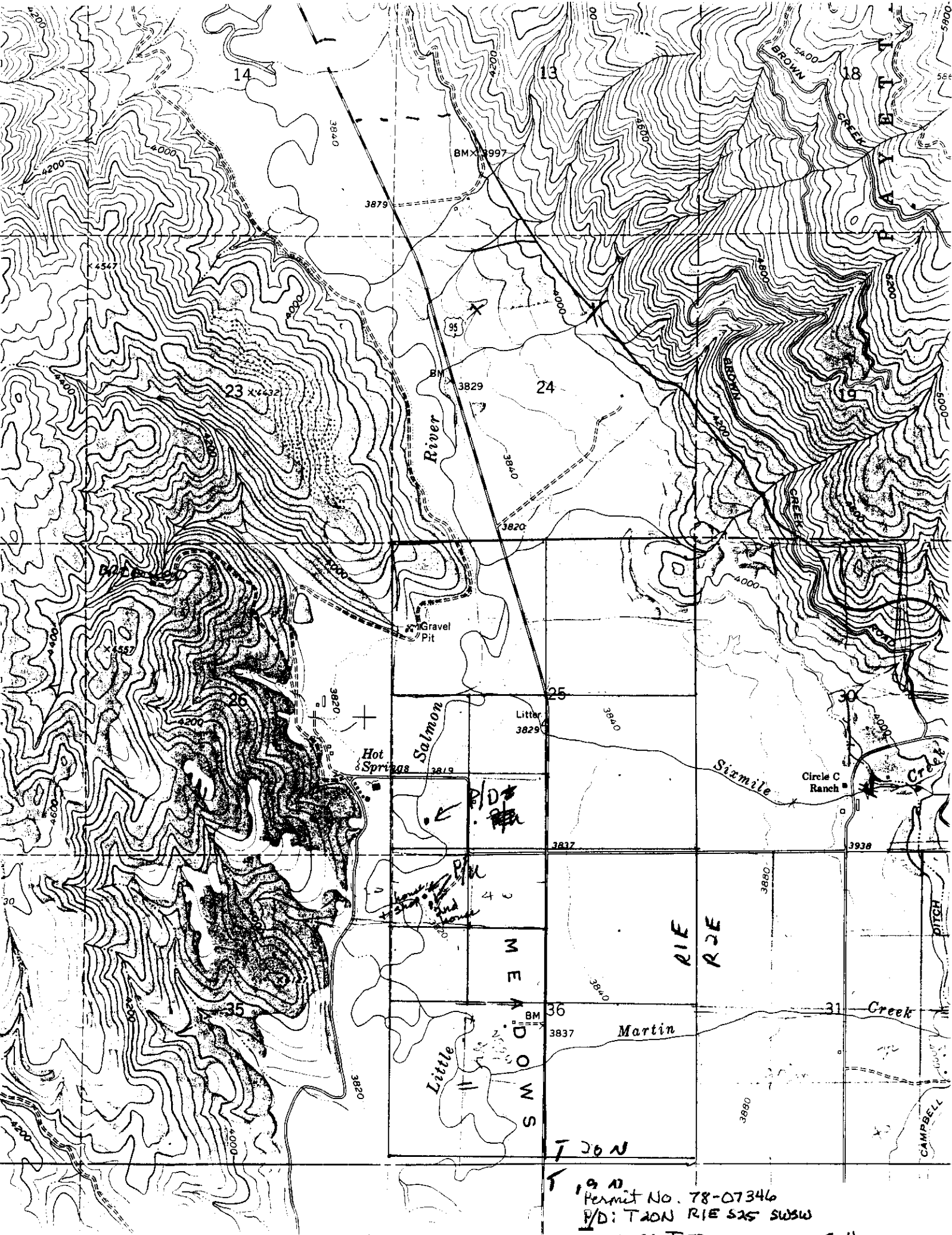
No velocity records in file.

No DOP records in file.

Start GPS Week #825 on 11/03/95 at 18:05:59

End GPS Week #825 on 11/03/95 at 18:09:05

Datum : NAD-27 CONUS
Coordinate System : Latitude/Longitude
Altitude Mode : Height Above Ellipsoid
Altitude/Distance Units : Feet
Velocity Units : Feet/Second



1911
Permit No. 78-07346
P/D: T20N R1E S25 SW3W
7.5 USGS Topo.

S.H.



P/D:

78-07346

10/20/95 S.H.

Groundwater source

8" casing; 2HP Electric Jet Pump

155°F

1 1/4" ABS

P/u:

900 sq. ft. house, 750 sq. ft. shop
2800 sq. ft. house

P/D: Pump House

P/u

P/u

P/u



P/u:

2800 sq. ft. house
ducting throughout the
house, piped under the
crawl space

P/u:

750 sq. ft. shop

900 sq. ft. house

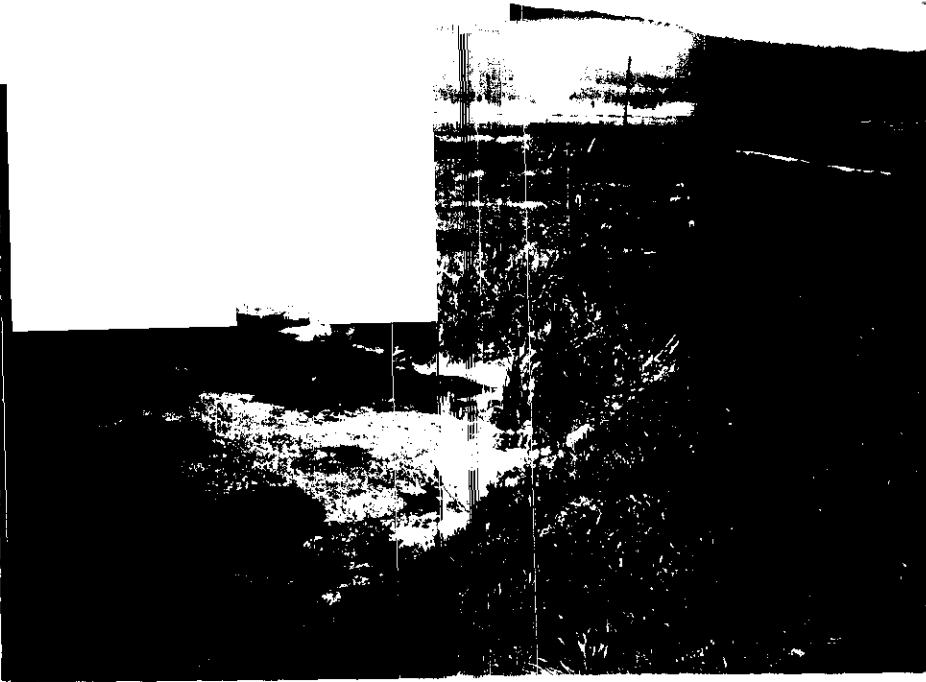
pipd to radiators w/ fans



78-07346
10/20/95 S.H

Discharge from house + shop
to pond

— .02 cfs @ 130°F



Discharge pond
from house + shop,
overflow goes into
the River

(no additives have
been put into the
water at any time)



(these pictures had to be retaken,
since there were problems w/ the
camera. When the pictures were
retaken, the heating had been
shut off, so no discharge is
shown in this picture.)

discharge from 2nd
house, into ditch, +
sinking in the field
.03 cfs @ 130°F

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 78-7346

Reviewed by [Signature]

Date 8/23/94

GENERAL CONSIDERATIONS

TYPES OF USE

yes Name same as permit?
yes Address same as permit?
yes Proof timely received?
If not, complete calculation below.

Correct Uses? _____

SOURCE OF WATER

____ Surface water source
✓ Ground water source

yes Drilling permit required?
no Copy in the file? Drilling Permit No. 78-89-2-0002
200. Amount paid for permit yes Correct?
yes Well log in the file?

LICENSE EXAMINATION FEE

yes Required?
100.00 Amount Submitted
yes Correct?

MEASURING DEVICE

yes Required?
no Installed?
____ Waiver requested?

PRIORITY CALCULATION

Date proof received	_____	_____
Date proof due	_____	_____
No. of days late	_____	_____
Priority Date	_____	_____
New Priority Date	_____	_____

DEFICIENCIES OR ACTION ITEMS

Return + Request info. on drilling permit.
Send copy of log w/ letter

16/13 - Proof acceptable

DATA ENTRY

New Address _____

Proof Made 8/16/94

October 13, 1994

KAY WILLIAMS
FORREST WILLIAMS
PO BOX 266
NEW MEADOWS ID 836540266

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 78-07346

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 WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

NOV 01 1994

September 6, 1994

Kay & Forrest Williams
P.O. Box 226
New Meadows, ID 83654

RE: Permit No. 78-07346
Drilling Permit No. 78-89-Z-0002-000

Dear Permit Holder:

Enclosed is a copy of the Proof of Beneficial Use submitted in connection with the above referenced water right. It, and your permit to appropriate water (copy enclosed), both indicate that water is being diverted for fish propagation and heating. Also enclosed is a copy of the well log for your well which was drilled in 1989. It indicates the extent of use to be single family domestic. Single family domestic use constitutes a diversion of 0.04 cfs or less and/or the use for one home and irrigation of up to 1/2 acre of land.

You were properly charged \$10.00 for the domestic well drilling permit. However, because of the use you have indicated (fish propagation & heating), the drilling permit is no longer considered strictly single family domestic. The fee for a non-domestic drilling permit at that time was \$100.00.

Before the Department can accept the proof of beneficial use as filed, you will need to pay the additional \$90.00 fee to upgrade the drilling permit to a non-domestic. The Department will hold your file for 30 days to allow you time in which to submit the additional fee. Please address your correspondence directly to me.

If you have any questions or if I can be of any further assistance, please feel free to contact me directly at (208)327-7953.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

Enclosures

C: IDWR - Region

LEV 91304

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>Forrest + Kay Williams</u> Address <u>Box 266 New Meadows, Id 83654</u> Owner's Permit No. <u>78-89-2-002</u>	7. WATER LEVEL Static water level <u>2'</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature <u>135</u> °F. Quality <u>Clear</u> Describe artesian or temperature series below.																																												
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☐ Pump ☐ Sailer ☐ Air ☐ Other _____ <table border="1"> <thead> <tr> <th>Flow Rate (G.P.M.)</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>170</u></td> <td><u>30'</u></td> <td><u>1 hr.</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Flow Rate (G.P.M.)	Pumping Level	Hours Pumped	<u>170</u>	<u>30'</u>	<u>1 hr.</u>																																						
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<u>170</u>	<u>30'</u>	<u>1 hr.</u>																																											
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (feet)</th> <th>Description</th> <th>Material</th> <th>Water</th> </tr> </thead> <tbody> <tr> <td>0 - 2</td> <td>Gravel</td> <td> </td> <td> </td> </tr> <tr> <td>2 - 10</td> <td>Sand</td> <td> </td> <td> </td> </tr> <tr> <td>10 - 30</td> <td>Clay</td> <td> </td> <td> </td> </tr> <tr> <td>30 - 40</td> <td>Silt</td> <td> </td> <td> </td> </tr> <tr> <td>40 - 50</td> <td>Gravel</td> <td> </td> <td> </td> </tr> <tr> <td>50 - 60</td> <td>Sand</td> <td> </td> <td> </td> </tr> <tr> <td>60 - 70</td> <td>Clay</td> <td> </td> <td> </td> </tr> <tr> <td>70 - 80</td> <td>Silt</td> <td> </td> <td> </td> </tr> <tr> <td>80 - 90</td> <td>Gravel</td> <td> </td> <td> </td> </tr> <tr> <td>90 - 100</td> <td>Sand</td> <td> </td> <td> </td> </tr> </tbody> </table>	Depth (feet)	Description	Material	Water	0 - 2	Gravel			2 - 10	Sand			10 - 30	Clay			30 - 40	Silt			40 - 50	Gravel			50 - 60	Sand			60 - 70	Clay			70 - 80	Silt			80 - 90	Gravel			90 - 100	Sand		
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70 - 80	Silt																																												
80 - 90	Gravel																																												
90 - 100	Sand																																												
4. METHOD DRILLED ☒ Rotary ☐ Air ☐ Hydraulic ☐ Reverse ☐ Cable ☐ Dug ☐ Other _____	5. WELL CONSTRUCTION Casing material <u>Steel</u> Casing size <u>4"</u> Casing depth <u>100'</u> Screen material <u>20 mesh</u> Screen size <u>4"</u> Screen depth <u>100'</u> Plug material <u>Concrete</u> Plug size <u>4"</u> Plug depth <u>100'</u>																																												

June 30, 1994

KAY WILLIAMS
FORREST WILLIAMS
PO BOX 266
NEW MEADOWS ID 836540266

PROOF DUE NOTICE

RE: PERMIT NO. 78-07346

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 September 1, 1994. (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.

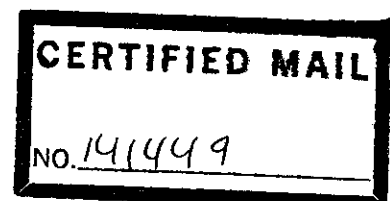
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the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

SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

Enclosures

RECEIVED
NOV 01 1994





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

September 7, 1993

KAY WILLIAMS
FORREST WILLIAMS
PO BOX 266
NEW MEADOWS ID 83654-0266

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 78-07346

Dear Permit Holder(s):

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "CONDITIONS/REMARKS:" listing on the permit.

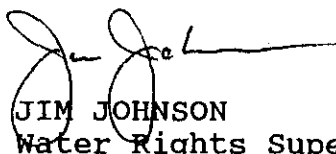
Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

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.

Please be advised that water quality is subject to regulations of the Idaho Department of Health and Welfare. We suggest that you check with them before starting construction.

Please be advised that your plans for fish propagation may be subject to regulations of the Idaho Department of Fish and Game. We suggest that you check with them before starting construction.

Sincerely,


JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

MICROFILMED

OCT 25 1993

APPLICATION FOR PERMIT
STATE OFFICE REVIEW

Application #: 78-7346 Date: 8/25/93 Reviewer: Cindy Zimmerman

AREA OF CONCERN? - No/Yes s/c mor (GW exempt)

SYSTEM COMPLETED: - 26A-P17

No - P16

Complete in 1 year - P16

Yes - P16

Proof not submitted - P16

Proof submitted - N/A

GROUNDWATER:

+ 0.2 cfs <flo-ch> - 01G-P03, 01C-P03 (existing), NMR see below*

- 0.2 cfs - NMR <flow chart>

Drilling Permit:

Included w/permit - P99 Permit No.

Existing well - N/A (if drilled before 7/1/87)

No WD permit? - 046-46A(IRR)-46B-P23 (if drilled after 7/1/87)

SURFACE WATER: not in WD - 01C-P03 (+.2 w/pump), NMR <flow chart>

LOCATION:

Water District - WD No.

Surface water - 005 or 005-01J-P08(+.2)
or 005-01H-P01(-.2 w/pump); NMR

Groundwater - P05 (if well has not been drilled)

Irrigation Dist. - 023

Canal Co. Areas - 023

Drainage Districts - 024

Flood Control Dist. - 063

Boise Front (63) - 058 (Groundwater temperature)

Swan Falls Flag - B (1, Blank or Other)

Trust - 051-052-053-P74 (Consumptive Uses)

Non Trust <1> - 048-049

RIVER BASINS (Surface): Water District Control Condition (005) &....

Boise (63) - 05A (req), 11E (non-domestic use)

Payette (65) - 047-P04, -P

Snake (01, 02 & 03) - 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

USE:

Fish Propagation - *06A, 09C-P10 (WQ/Choose One) & 010, 042 (req),
002-P06(MD), 07A(Spec), 044(Policy 5G)

Power - 08A, 17K, 025, 027 (req); 01F-P19; 09E-P10;
+25 cfs-P18; 17G or 17M; 18B-P09

Mining - 06A, 010, or 09E-P10 & 054 (req)

Storage(✓ 3 compo.) - 18A-for multi MD in WD, 18B-P09 (+10'Size)

Rec/Wildlf/Aesthetic - 027-if +½ A. pond (Non-Consumptive)

Domestic (surface - 021 - Boise River upstream from L Peak
restricted areas) 27A - Payette River & main tributaries

OWNERSHIP:

Non land owner - 004

PROTESTED:

Hearing agreement - 020

REMARKS:

① Heating is for 3 homes ② Fish prep is for tropical fish.

OTHER CONDITIONS:

BENEFICIAL USE DUE:

9-1-1994

COMMENTS:

① Mer Exempt ② Div Desc

DATE: 08/25/93
PAGE: 1

Stage: PERMIT

046 - Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

46A - A well drilled pursuant to this permit must be located at least 500 feet from any existing well. Well spacing closer than 500 feet must be approved by the Department of Water Resources.

46B - Construction of the well must comply with Idaho well construction standards.

09C - Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

010 - Return water shall be treated to insure that the effluent meets interstate stream water quality standards.

042 - The right holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.

002 - Measuring devices of a type approved by the Department shall be permanently installed and maintained at the point of diversion and the point of effluent discharge.

07A - Assignment or sale of this right is subject to a determination by the Department that the right holder has proceeded to develop the right with due diligence and without speculation.

WR0749NP
No. P78-07346

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 08/25/93
PAGE: 2

=====

Remarks: Heating use is for 3 homes.
Fish propagation use is for raising tropical fish.

Dates: App. Received: 03/31/1993 Priority Date: 03/31/1993
Proof Due Date: 09/01/1994 Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee:

Comments: Date: 08/25/1993 User-ID: ZIMMERMA Subject: MORATORIUM EXEMPTION
This permit is located within the Salmon/Clearwater Moratorium
boundary; however, its groundwater source is within the
acceptable parameters of the Moratorium guidelines.

Date: 08/25/1993 User-ID: ZIMMERMA Subject: DIVERSION DESCRIPTION
Proposed 8" by 50' deep well, 155^g, 175 ten gallon aquariums, 12
thirty gallon aquariums.

Audit: 08/25/93 ZIMMERMA

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: g DATE: 4/20/93 APPLICATION: 78-07346
67-07917

REQUIRED INFORMATION

☒ Name: (If applicant is a corporation or partnership, names and addresses for director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume)
☒ Period of use: Gov't. Lots: ☒ P/D
☒ Nature of proposed use: (Include description of use) ☒ P/U
☒ Description of diverting works:
☒ Time required for beneficial use of water:
☒ Place of use or acres irrigated:
☒ Map:
☒ Signature: (If applicant is corp., partnership, or municipality, a signatory is required)
☒ Fee:
☒ Yes ☐ No* In form to receipt:

RECEIVED
AUG 13 1993

ADDITIONAL INFORMATION

Department of Water Resources

YES NO

☒ ☐ Overlapping place of use: (Describe source & relationship to present application on the back.)
☒ ☐ Overlapping point of diversion:
☐ ☐ Field check required: Field check by:
☐ ☐ Field report attached:
☐ ☒ Critical groundwater area:
☐ ☒ Groundwater management area:
☐ ☒ 1992 moratorium
☐ ☒ Diversion within interim protected river area
☐ ☒ Send dam safety information:
☐ ☒ Send power requirement letter: < 1.0 cfs N/A
☐ ☒ Send fish farm requirement letter:
☐ ☒ Power residency affidavit:
☐ ☒ Power efficiency form:
☐ ☒ Within trust water boundary: (If yes, attach Trust Water Supplementar Analysis Sheet.)
☐ ☒ Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)
☒ ☐ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

RECEIVED
JUN 15 1993

Department of Water Resources

Map - P/D + P/U Designation
DATE REQUESTED: 4/14/93

Additional information on reverse side:

YES NO

☒ ☐
☐ ☒
☒ ☐

In form r advertising:

Statewide advertising:

Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

I.D. Health and Welfare

I.D. Fish and Game

I.D. Lands

Adjudication Bureau

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

U.S. BLM

U.S. Forest Svc.

Water Dist. # _____

Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ ☐
☒ ☐

Affidavit of publication received:

Application published correctly: If not, record action taken.

Publication dates and paper recorded on application:

Protests received. Final date for protest August 9, 1993

Protest dates, resolution of protest recorded on application: June 7, 1993

Recommendations attached: Approve, Dr

Measuring device required:

Measuring port required:

Water delivered by water master? District # _____

Special conditions of approval or cover letter: _____

016

See below for additional information

Recommended Date or Priority 3/31/1993

Recommended by: _____

Dr
Dr

Date 6/10/1993

8/10/1993

STATE OFFICE REVIEW

See below for additional information. By _____ Date _____

ADDITIONAL INFORMATION

overlaps

P/D

78-04025

04305

07112

surface water

N/A

P/U

78-02071

04114

07263A

surface water

trucking

use

N/A

Affidavit of Publication

State of Idaho, County of Adams, ss:

I, Bert J. Rogers, being first duly sworn upon my Oath, depose and say that I am the publisher of The Adams County

Leader, a newspaper; that a copy of the "Notice of Application"

Kay & Forrest Williams

as per clipping

hereto attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for

two (2) consecutive weeks, the first publication of the

same being made in the issue dated July 22, 1993

and the last in the issue dated July 29, 1993 that said newspaper is of general circulation in Adams County Idaho, printed and published weekly at Council therein and that said newspaper has been continuously and uninterruptedly published in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of

said "Notice" as aforesaid.

Subscribed and sworn to before me this 29th

day of July, 1993

Notary Public for Idaho,
Residing at Council, Idaho

NOTICE OF APPLICATION FOR WATER RIGHT

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

78-07346

WILLIAMS, KAY
WILLIAMS, FORREST
PO BOX 266
NEW MEADOWS, ID 83654
Source: GROUNDWATER
Division Pt: SWSW Sec 25
T 20N R 01E in ADAMS
County.

Use:

FISH

PROPAGATION (.300 CFS)

HEATING (.200 CFS)

Total Diversion: (.500 CFS)

Date Filed: 3/31/1993

In: ADAMS County

T20N R01E S36 NWNW

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise Idaho 83705 on or before AUGUST 9, 1993.

R. KEITH HIGGINSON,

Director

Published 7/21/1993 &
7/28/1993

RECEIVED
JUL 30 1993

Department of Water Resources
Western Regional Office

OCT 25 1993

Affidavit of Publication

State of Idaho, County of Adams, ss:

I, Bert J. Rogers, being first duly sworn upon my Oath, do pose and say that I am the publisher of The Adams County

Leader, a newspaper; that a copy of the "Notice of Application for Water Right "

Kay & Forrest Williams

as per clipping

hereto attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for

two (2) consecutive weeks, the first publication of the

same being made in the issue dated July 22, 1993

and the last in the issue dated July 29, 1993 that said newspaper is of general circulation in Adams County Idaho, printed and published weekly at Council therein and that said newspaper has been continuously and uninterruptedly published in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of

said " Notice " as aforesaid.

Subscribed and sworn to before me this 29th

day of July, 1993

Notary Public for Idaho,
Residing at Council, Idaho

RECEIVED
JUL 30 1993

Department of Water Resources
Western Regional Office

OCT 25 1993

Diann Norris, Claude
Mary Hart of Fruitland; Dick
Hartley, Mary Ann Simms
both of Boise; Bertha Whit-
ney of Miracle Ear.
Get well cards were signed
and sent to Lone Rich chd
John Steckman who were in
the McCall hospital.
Menus: Monday, July 26th
Cranberry Juice, Sweet G Sou-
Pork, Rice, California Vege-
tables, Jello Salad Muffin

MEMORANDUM

DATE: July 13, 1993
TO: Western Region
FROM: Cindy Zimmerman
SUBJECT: Application No. ~~67-07917~~ 78-07346

=====

During the review of the above application, errors were found in the data entry, advertisement, and basin location numbering.

The original application states the place of use as being in the NENE, S36, **T20N**, R01E, and the map confirms the legal description of the place of use; however, the data entry and advertisement state the place of use as being in NENE, S36, **T02N**, R01E.

Please also note that S36, T20N, R01E is located within basin 78 not in basin 67. We have renumbered this application to 78-07346

This file is being returned to the region for corrections and re-advertisement.

15 1993

67-07917

WILLIAMS, FORREST
WILLIAMS, KAY
PO BOX 266
NEW MEADOWS, ID 83654

Source: GROUNDWATER

Diversion Pt: SWSW Sec 25 T 20N R 01E in ADAMS County.

Use: FISH PROPAGATION	(.300 CFS)
HEATING	(.200 CFS)
Total Diversion:	(.500 CFS)

Date Filed: 3/31/1993

In: ADAMS County
T02N R01E S36

NWNW

RECORDED

OCT 25 1993

Affidavit of Publication

State of Idaho, County of Adams, ss:

I, Bert J. Rogers, being first duly sworn upon my Oath, depose and say that I am the publisher of The Adams County

Leader, a newspaper; that a copy of the "Notice of Application

67-07912-67-07917

as per clipping

hereto attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for

two (2) consecutive weeks, the first publication of the

same being made in the issue dated May 20, 1993

May 27, 1993

and the last in the issue dated that said newspaper is of general circulation in Adams County Idaho, printed and published weekly at Council therein and that said newspaper has been continuously and uninterruptedly published in said county during a period of more than seventy-eight consecutive weeks prior to the first publication of

said "Notice" as aforesaid.

Subscribed and sworn to before me this 27th

day of May, 1993

Notary Public for Idaho,
Residing at Council, Idaho

RECEIVED
MAY 28 1993

Department of Water Resources
Western Regional Office

OCT 25 1993

NOTICE OF APPLICATION FOR WATER RIGHT

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

57-07912

MOORE, E. LUCILLE

MOORE, RAY H.

PO BOX 792

COUNCIL, ID 83612

Source: SPRINGS

Tributary: SINKS

Diversion Pt:

SWSWSE Sec 30 T 17N R

01W in ADAMS County.

NWNWNE Sec 31 T 17N R

01W in ADAMS County.

Use:

IRRIGATION (.760 CFS)

Total Diversion: (.760 CFS)

Date Filed: 3/26/1993

In: ADAMS County

T17N R01W S30

SWSE

S31

NWNE

38.0 ACRES TOTAL

67-07917

WILLIAMS, FORREST

WILLIAMS, KAY

PO BOX 266

NEW MEADOWS, 83654

Source: GROUNDWATER

Diversion Pt:

SWSW Sec 25 T 20N R

01E in ADAMS County.

Use:

FISH PROPAGATION

(.300 CFS)

HEATING (.200 CFS)

Total Diversion: (.500 CFS)

Date Filed: 3/31/1993

In: ADAMS County

T02N R01E S36 NWNW

Permits will be subject to all prior water rights. Protests

may be submitted based on the criteria of Sec. 42-203A,

Idaho Code and/or the public interest criteria of Sec. 42-

203C, Idaho Code. Protests must be filed with the Director,

Dept. of Water Resources, Western Region, 2735 Airport

Way, Boise, Idaho 83705 on

or before JUNE 7, 1993.

R. KEITH HIGGINSON,

Director

Published: 5/20/1993

& 5/27/1993

78-07346

WILLIAMS, KAY
WILLIAMS, FORREST
PO BOX 266
NEW MEADOWS, ID 83654

Source: GROUNDWATER

Diversion Pt: SWSW Sec 25 T 20N R 01E in ADAMS County.

Use: FISH PROPAGATION	(.300 CFS)
HEATING	(.200 CFS)
Total Diversion:	(.500 CFS)

Date Filed: 3/31/1993

In: ADAMS County
T20N R01E S36

NWNW

OCT 25 1993