

K JUN 24 2005

Permit No: 67-7506

Page DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 67-7506

Exam Date: 8/31/1989

1. Current Owner: CHRISTINE PATRICK
PO BOX 817
COUNCIL ID 83612
(208)253-6440

ROBERT PATRICK
PO BOX 817
COUNCIL ID 83612
(208)253-6440

2. Accompanied by:

Phone No:

Address Update: PO Box 817, Council ID 83612

Relationship to Permit Holder:

3. SOURCE

UNNAMED STREAM

TRIBUTARY

POLE CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 67-7715
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM

SW1/4SE1/4

Sec. 25, Twp 17N, Rge 02W, B.M.

ADAMS County

Method of Determination: Exam, Topo Map

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
17N	02W	25															X		

Method of Determination: Exam

3. Y Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- Y Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- N/A Aerial Photo Attached (required for irrigation of 10+ acres).
- Y Photo of Diversion and System Attached

4. N/A

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements: Allow .04 cfs internal/external domestic use

E. FLOW CALCULATIONS

Measured Method:

_____Additional Computation Sheets Attached

Allow .04 cfs internal/external domestic use.

Water diverted from the stream via portable pump and pipe into a tank on a truck.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

Internal/external domestic use = 1.2 afa

External uses include garden, 1 horse, 3 pigs, 3 goats, 10 rabbits and 25 chickens

G. NARRATIVE/REMARKS/COMMENTS

Proof of beneficial use was filed in 1985. A field exam was conducted in 1989 verifying diversion and use. Per telecon 6/14/2005, Christine Patrick stated that prior to 1988, the surface water listed on this permit was the only source of water for their domestic uses. A well was drilled in 1988, in which the stream became more of a supplemental source. They did not file an SRBA claim on this permit (which is required) because the spring source listed on the permit is located on government land. I asked what they installed to divert the spring and she said nothing, it just naturally flows into the stream where they dug a small impoundment for diversion. She stated that the impoundment is located on their property. Rob Whitney verified the impoundment during his field investigation. Christine stated that the on-stream impoundment is approximately 30 feet x 30 feet, gradually deepening to 5 feet. The 6 foot dam structure is made of logs, rock and dirt and includes a flow through outlet. Upper springs and runoff water feed the stream. They divert the water from the impoundment using a portable pump and pipes to fill a water tank on a truck. They then drive the water to the p/u. Prior to the well, they would boil the water for all their internal domestic needs and use un-boiled for their garden and miscellaneous stock (chickens, goats, pigs, rabbits and a horse). Christine stated that they still use the water as a back-up to their well water if the power shuts down.

The permit lists the unnamed stream tributary to sinks. The stream is actually tributary to Pole Creek as indicated on the topo map.

I sent Christine an SRBA claim for this permit 6/15/2005 listing only the unnamed stream as the source for domestic use, which she plans to file. Permit 67-7715 covers their groundwater use. No other rights are used.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.040 CFS	1.20 AF
<u>Totals:</u>		0.040 CFS	1.20 AF

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 La. G. Brown Date 6/15/05

Reviewer _____ Date _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 67-7506

1. Owner: Robert and Christine Patrick Phone No. 253-6440
Current Address: HC 67 Box 2291 Council, ID 83612

2. Accompanied by: Christine Patrick EXAM. DATE: 8/31/89

Address: _____ Phone No. _____

Relationship to Permit Holder: owner

3. Source: _____ tributary to _____

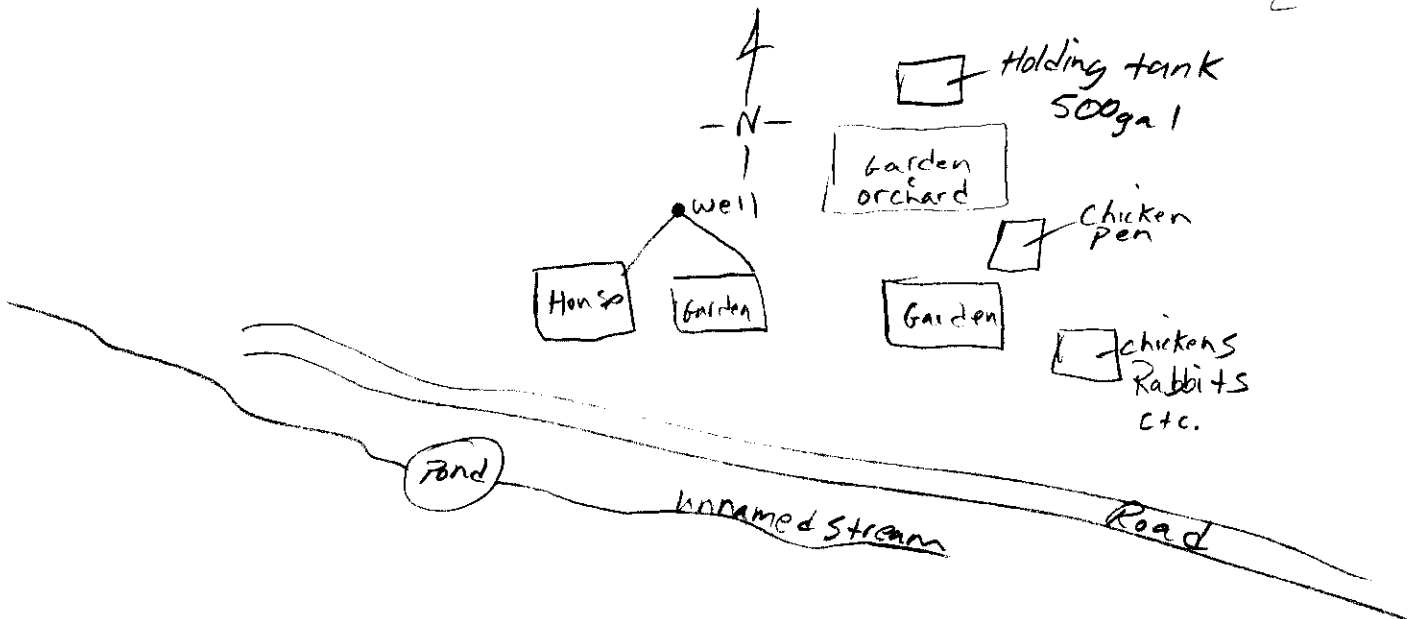
B. OVERLAP REVIEW

1. Other water rights with same place of use: This water is used to Supplement
the well used under 67-7715 ☐ Copies Attached

2. Other water rights with same point of diversion: _____
_____ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = No Scale.

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

System Description (continued)

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

Portable pump & storage tank are used to divert water from small on-stream pond. Water is used for home, garden and livestock.

☐ See Remarks on page 4 for continuation

4.

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

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

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks

6. **Place(s) of Use:**

Indicate Method of Determination _____

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Ampsx .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

25

x 35617

SWSE S25
T17N R2W

P/U

P/D

50T

22/17

An aerial photograph of a landscape, likely a wetland or marsh, showing a mix of dark, textured areas and lighter, more uniform patches. A grid of thin red lines is overlaid on the image. A green rectangular box highlights a specific area in the lower-middle section. In the bottom-left corner, there is a handwritten mark that appears to be 'e/d' with a small 'x' above it. Two white circular punch holes are visible at the top of the page.

**2004 Photo
T17N R2W S25
SWSE**



67-7506
P/D

30' x 30' on-stream
impoundment

← STREAM
5' deepest



P/u

DOMESTIC
HOME

67-7506

P/U

Garden area
($< \frac{1}{2}$ ac)



[illegible]

1. Recommended Amounts

2. Recommended Amendments

- ## J. AUTHENTICATION

CONSULTANT SEAL

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