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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 75-7603

Exam Date: 07/30/13

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)?
- X
- Y
-
- N

- a. **Irrigation of 5 acres or less**
 b. Storage of up to 14.6 AF for stockwater purposes only
 c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 d. Other < >

2. Current Owner: Name: George Wilson

Owner of Record Correct? Y X NAddress of Record Correct? Y X N

If No: Address: Postal address on taxlots listed as

578 Old Tram Rd. Bowling Green, KY 42101

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: C081698

- 4.
- SOURCE**
-
- TRIBUTARY**

Twelvemile Creek

Salmon River

Method of Determination: information from permit holder letter dated 11/01/13

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:
- X
- NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: 75-14427 is for taxlot RP00081003002A west of POU. 75-4115 was disallowed in the SRBA. 75-7655 is for taxlot RP00081003007A east of POU.

POD PIN = RP00081003004A 75-10301 is domestic and stock right for the property.

2. Other water rights with the same point of diversion:
- X
- NO Overlap

Water Right No.	Source	Purpose of Use	Div. Rate	Basis

Comments: 75-10301 is a groundwater right. 75-7655 is upstream for taxlot RP00081003007A east of POU.

Per permit holder, not same POD as 75-14515, 75-4107A, 75-14169, 75-14597, 75-14599, 75-14598 as the diversion (Site #1 or 12mile creek lower diversion) although location for the rights is very close to the permit POD and the permit applications mentions delivery through a lateral.

C. DIVERSION AND DELIVERY SYSTEM

- 1.
- LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Twelvemile Creek			SE	SE	36	20N	21E	B.M.	Lemhi

Method of Determination: Information provided by permit holder

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
20N	21E	36																1.6	1.6
		Lot #																	
Total Acres =																			1.6

Method of Determination: GIS Imagery and confirmed by permit holder in letter dated 11/01/13. 1.6 acres irrigation for yard and garden. Taxlot 3.4 acres. PIN RP00081003004A

Change in POU? ____Y____X__N Amendment Required? ____Y____X__N

___ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

___ 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
		2	C48M2EC11C3	Ace ESP-200A	

*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. FLOW CALCULATIONS

___X___ Additional Computation Sheets Attached

Measured Method:

Irrigation:

0.02 cfs = 1 inch per acre (IDWR standard) 1.6 acres(0.02 cfs) = 0.03 cfs at 1 inch per acre

Per App. Processing Memo #17, up to 0.03 cfs/acre for irrigation up to 5 acres acceptable. 1.6 acres(0.03 cfs) = 0.05 cfs

Average Q estimation = 0.08 cfs – see attached sheets.

Permit allowed = 0.06 cfs

License recommend for 0.05 cfs Irrigation

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.6 \times 3.5 = 5.6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.05 \times 214 \times 1.9835 = 21.2$$

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ = 5.6

2. Volume Calculations for Other Uses:

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination:

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

- In Wild and Scenic Watershed: Salmon River Excluding Middle Fork
- 029 - Fish & Game fish requirement per permit holder, pump intake hose has 1/8 inch mesh screening.
- 01H - lockable device requirement - Electric box with location for lock visible on photos provided by permit holder.
- 115 - measurement device requirement - condition changed to 197 per Craig Saxton on 08/26/13. Straight length conduit visible off pump in photos provided by permit holder.
- Headgate = 3.5, Consumptive Use = 2.5.

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

I. RECOMMENDATIONS**1. Recommended Amounts**

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
Irrigation	04/01 to 10/31	0.05 CFS	~~5.6 AF~~ N/A
Totals:		0.05 CFS	~~5.6 AF~~ N/A

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

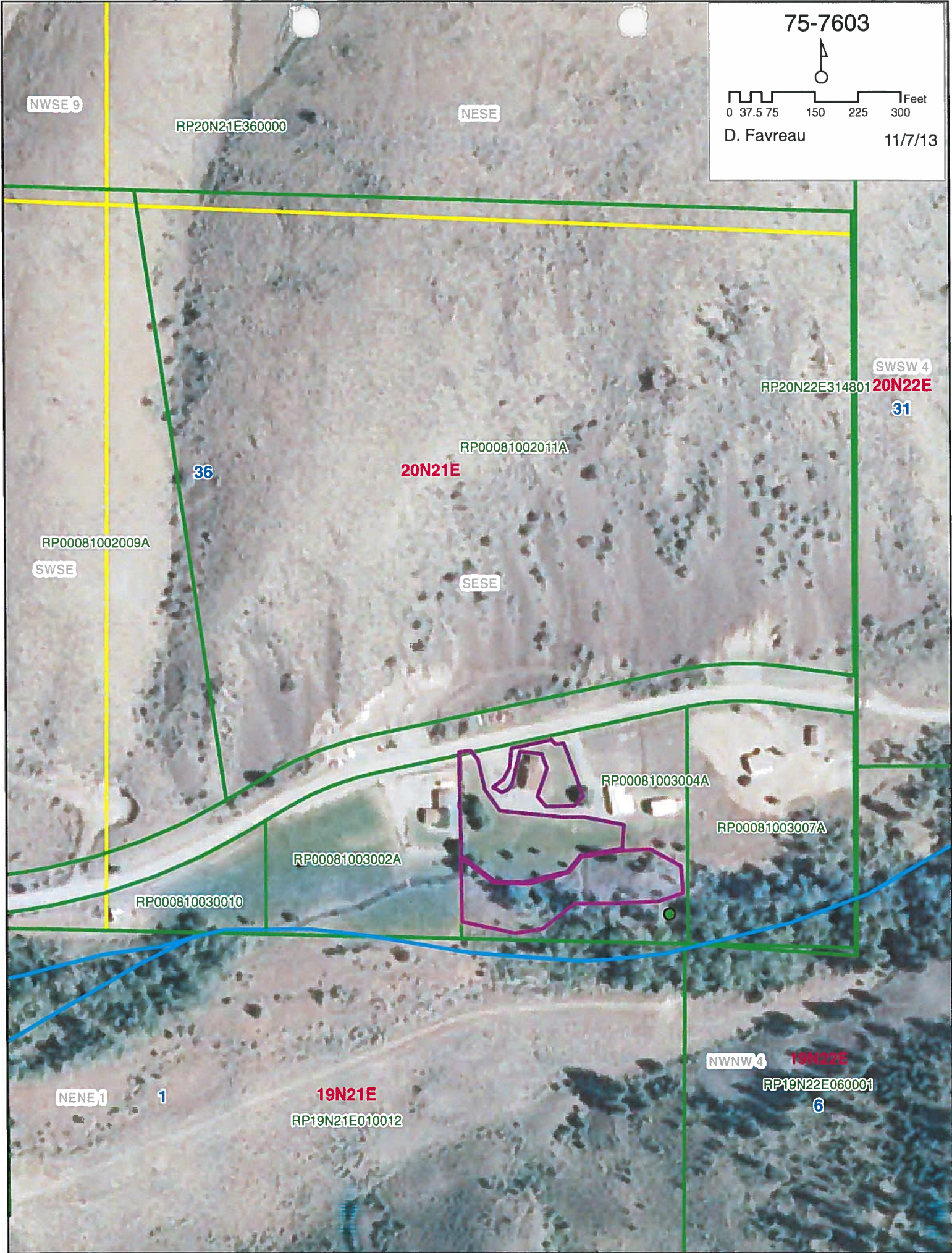
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

Other: < >

J. AUTHENTICATION

Field Examiner's Name Donnell L. Brown Date 11-07-13

Reviewer _____ Date _____



75-7603



0 37.5 75 150 225 300 Feet

D. Favreau

11/7/13

NWSE 9

NESE

RP20N21E360000

SWSW 4

RP20N22E314801 **20N22E**

31

RP00081002011A

20N21E

36

RP00081002009A

SWSE

SESE

RP00081003004A

RP00081003007A

RP00081003002A

RP000810030010

NENE 1

1

19N21E

RP19N21E010012

NWNW 4

19N22E

RP19N22E060001

6

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 75-7606
 Examiner: D. Favreau
 Date of Field Exam: 11/7/2013

	Option 1	OPTION 2	OPTION 3	
P/D No.:				
PUMP HORSEPOWER	2	2	2	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	40	40	40	
DISCHARGE PRESSURE	40	50	60	
FRICTION	0	0	0	
RATE OF FLOW (cfs)	0.09	0.08	0.07	AVE 0.08
(gpm)	41.8	35.6	31.0	

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{epth to water} + 2.31 * (\text{psi}) + \text{frictic}}$$

Assumptions: %70 efficiency.

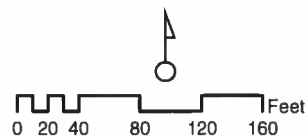
Examiners Notes:

Lift was taken from DRG contours plus dynamic lift indicated on proof of beneficial use (40 ft). Hp from permit holder verified by pictures (2 HP). A standard psi for domestic use of 40 to 60 psi was

[illegible]

[illegible]

75-7603



D. Favreau

07/29/13

Bino

SWSW 4

20N22E

31

SESE

36

20N21E

NWNW 4

19N22E

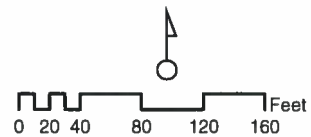
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NENE 1

1

19N21E

75-7603



D. Favreau

07/29/13

2011 MAP

SWSW 4

20N22E

31

SESE

36

20N21E

NWNW 4

19N22E

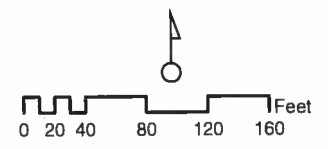
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NENE 1

1

19N21E

75-7603



D. Favreau

07/29/13

2009 NMAP

SESE

36

20N21E

SWSW 4
20N22E
31

NENE 1

1

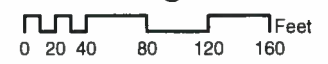
19N21E

NWNW 4

13N22E

6

75-7603



D. Favreau

07/29/13

2004 NAIP

SWSW 4
20N22E
31

SESE

36

20N21E

NWNW 4

19N22E

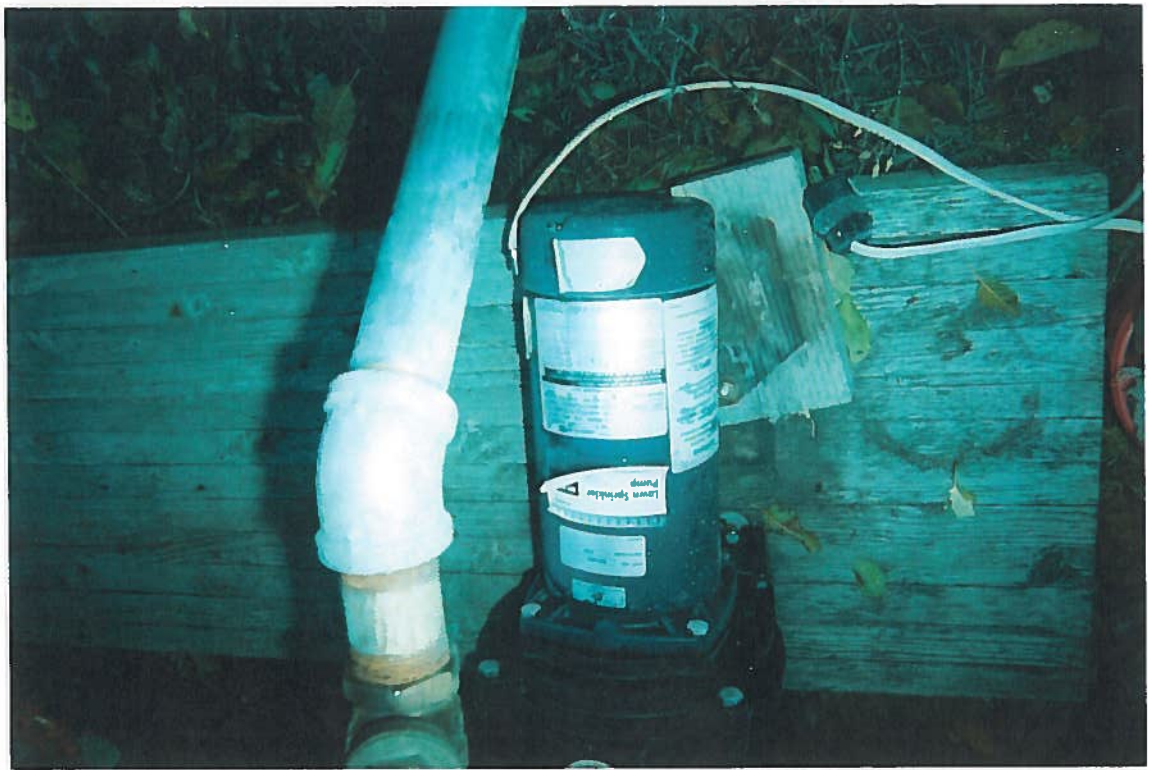
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1

19N21E

6

#1



#2





#3



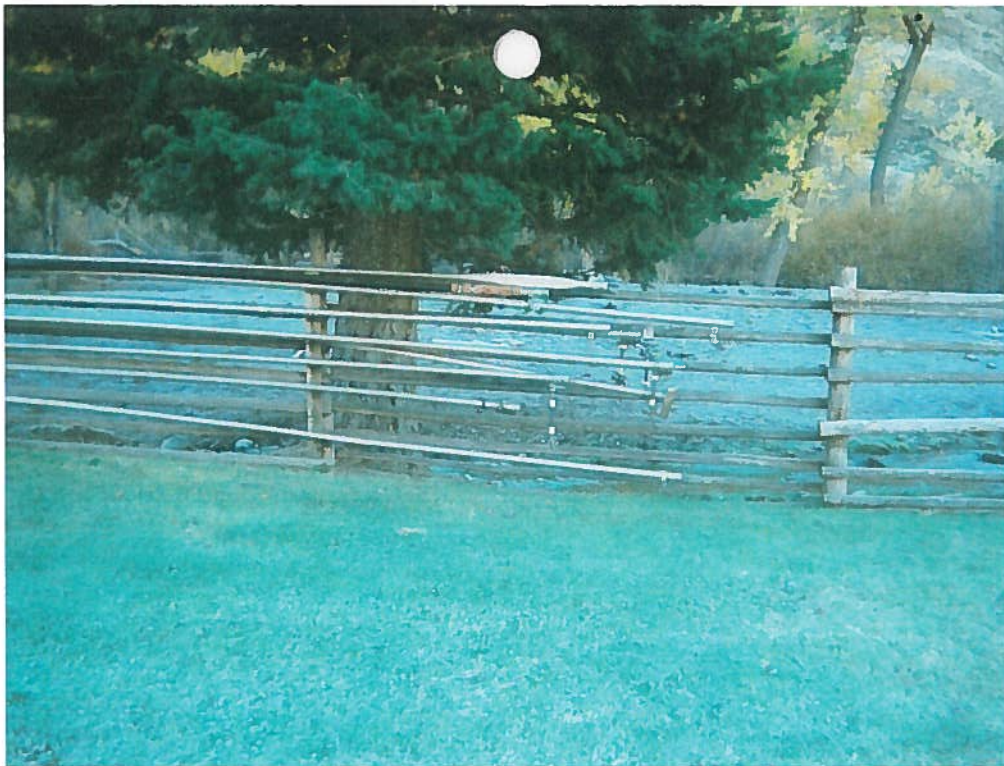
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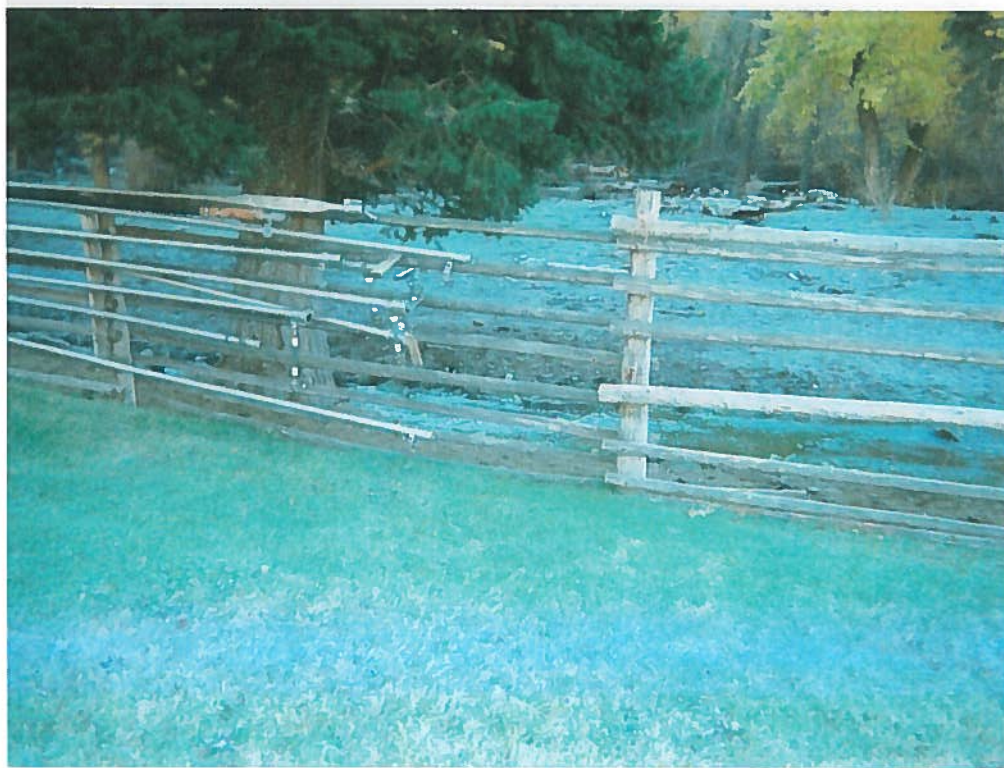
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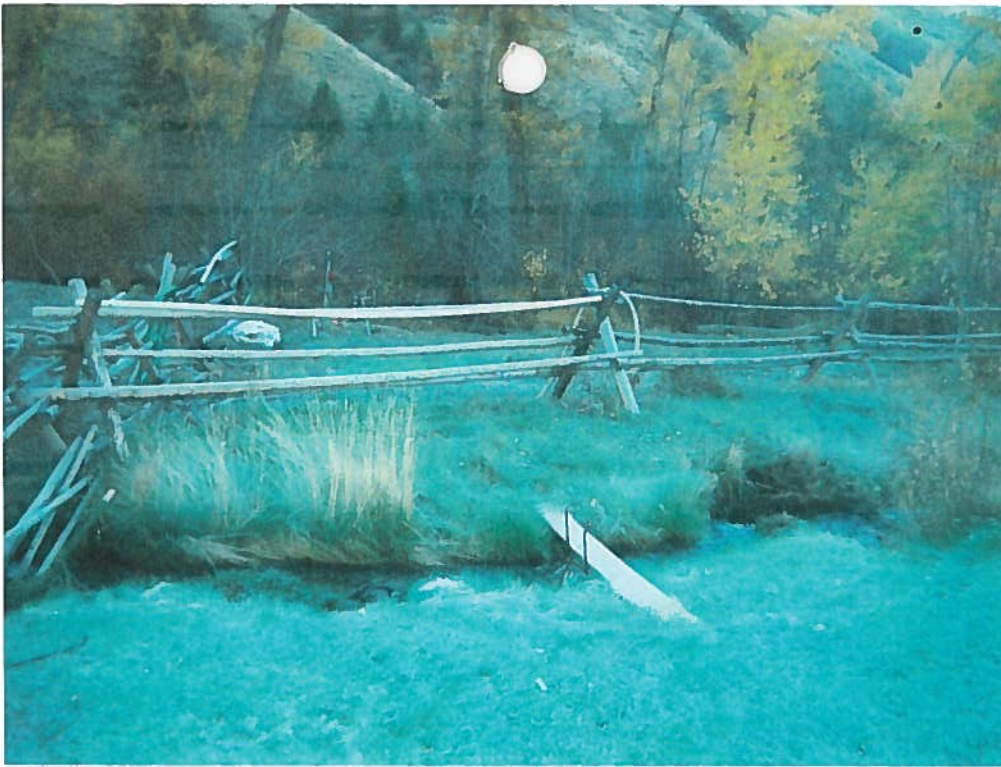
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#7



#8



#9



#10



578 Old Tram Road
Bowling Green KY 42101

November 1, 2013

State of Idaho
Department of Water Resources
Danielle Favreau, GIS Analyst
P O Box 83720
Boise ID 83720-0098

RECEIVED
NOV 06 2013
DEPARTMENT OF
WATER RESOURCES

Re: Application to Appropriate Water No. 75-7603

Dear Ms. Favreau,

In answer to your letter of October 11, 2013, we did not receive your original letter of August 27th. Please consider the above letterhead address the appropriate correspondence address for this permit. We also can be contacted by phone at 270-904-6004.

Thank you for your patience as we have been gathering the follow-up information required for the final Water Right License for our property located at 61 Twelvemile Road, Salmon ID 83467. The August 27th letter refers to an enclosed map of the "identified Place of Use" that was not included in the October letter, however no additional acreage has been irrigated. The point of diversion is as indicated in your letter: T-20N, R-21E, Section 36, SE1/4, SE1/4, SE1/4.

A friend of ours, acting as our representative, took photos of the pump and the point of diversion. Apparently, they were taken in late afternoon and are a little dark.

We do believe a Water Right License should be issued us. The information regarding the permit is as follows:

The POINT OF DIVERSION has always been directly from Twelvemile Creek, not a constructed ditch. A ditch that appears in the foreground of two of the photos is not a constructed ditch, but natural runoff that usually does not have water in it. The irrigation water has been beneficially used, continuously, for approximately 1.6 acres of yard and garden. Occasionally, it has been used for two head of horses.

Photos are included with this packet of the pump, the electrical box, the point of diversion, the pump plate, the hoses and the irrigation pipe. This time of year, of course, it is not being used and is stored on fencing. The MAKE of the pump is ACE, MODEL #ESP-200A, SERIAL #C48M2EC11C3, 2 HORSEPOWER.

The WATER LINES are 2" aluminum pipe, one riser per section with a 1/8 inch Whirlybird sprinkler. Approximately ten, forty-foot sections are used, but not all at the same time. The intake hose in the creek has 1/8 inch MESH SCREENING for fish and debris.

We verify the above information and hope this packet meets the requirements for the issuance of our final Water Right License.

Thank you for working with us.

Respectfully,

A handwritten signature in cursive script that reads "George Wilson".

George Wilson

A handwritten signature in cursive script that reads "C. Wilson".

Carol Wilson

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

11/14/2013

WATER RIGHT NO. 75-10301

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	CAROL L WILSON
Current Owner	GEORGE WILSON
	61 TWELVE MILE RD
	SALMON, ID 83467-5254
	(208)756-2105

Priority Date: 04/30/1988

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
STOCKWATER	1/01	12/31	0.02 CFS	
DOMESTIC	1/01	12/31	0.05 CFS	
Total Diversion			0.05 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SESESE	Sec. 36	Township 20N	Range 21E	LEMHI County
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Place(s) of use:

Place of Use Legal Description: STOCKWATER LEMHI County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
20N	21E	36		SESE										

Place of Use Legal Description: DOMESTIC LEMHI County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
20N	21E	36		SESE										

Conditions of Approval:

1.	N13	THE QUANTITY OF WATER UNDER THIS RIGHT SHALL NOT EXCEED 13,000 GALLONS PER DAY.
2.	N11	THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.
3.		STOCKWATER, 2 HORSES RP 00081003004A A

Dates:

Licensed Date:

Decreed Date: 11/03/2000

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date:

Protest Deadline Date:

Number of Protests: 0

Other Information:

State or Federal: S

Owner Name Connector:

Water District Number:

Generic Max Rate per Acre:

Generic Max Volume per Acre:

Civil Case Number:

Old Case Number:

Decree Plaintiff:

Decree Defendant:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

DLE Act Number:

Cary Act Number:
Mitigation Plan: False

Close

COMMUNICATION MEMORANDUM

TO: FILE 75-7603
FROM: DANIELLE FAVREAU
SUBJECT: PHONE CALL FROM GEORGE WILSON
DATE: OCTOBER 15, 2013

On October 15, 2013, I received a call from George Wilson regarding Permit 75-7603 (permit). He had received the Notice of Intent to Void (notice) at address 578 Old Tram Rd. Bowling Green, KY 42101. He asked about what he needed to do in regard to this notice. I asked him if he had a copy of the Request for Information dated 08/27/13. He said he did. I told him that he could have someone take the pictures of the required information and send them to the Boise Office to my attention or he could have someone meet an IDWR agent at the property to collect the information. Mr. Wilson indicated that he had a renter on the property. He also indicated that he could get a friend to take the photos necessary. He said that he did have a new pump but an older one was currently being used. I told him that I needed pictures of the pump being used.

Mr. Wilson also gave me a current phone number: 270-392-8529. I asked Mr. Wilson to send a letter to IDWR requesting an official change of address.