

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

A. GENERAL INFORMATIONPermit No: 63-33873

Exam Date: 2/22/2019

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Jeramie and Julie Voss
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

Tax lot data shows Jeramie E. and Julie A. Voss as the owners of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C106264

4. SOURCE

Ground Water

Method of Determination: GIS and Tax Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are two other rights in this same legal description, but they are for different properties and are not a direct overlap of the place of use.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There is one other right in this same legal description, but it is for a different property and is not a direct overlap of the point of diversion.

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
Well			NW	SE	36	6N	3W	B.M.	Gem County
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Lot data.

Change in POD? ☒ N Amendment Required? ☒ N2. **PLACE OF USE:** Use: Irrigation and Domestic

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
6N	3W	36														2.7	2		4.7
																D			
Total Acres =																			4.7

Method of Determination: GIS and Tax Lot DataChange in POU? ☒ N Amendment Required? ☒ 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
Well Pump	Unknown				

*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
NONE						

2. Measurements: No measurement is required for an in-house exam.

E. FLOW CALCULATIONSYES Additional Computation Sheets

Attached

Measured Method:

There was very little information in the file describing the pumping system for this permit. Therefore, I used the standard described in Processing Administrative Memorandums # 17 and #22.

Administrative Memorandum # 17 = 4.7 acres X 0.03 cfs = 0.141 cfs (rounded to 0.14 cfs)

Permit allowed for irrigation = 0.15 cfs

Administrative Memorandum # 22 = 0.04 cfs for one home

Permit allowed for domestic = 0.04 cfs

Total allowable per Administrative Memorandums = 0.18 cfs

Permit allowed = 0.19 cfs

I am recommending a diversion rate of 0.14 cfs for irrigation and 0.04 cfs for domestic for a total of 0.18 cfs, since this is the maximum diversion rate allowed by Administrative Memorandums # 17 and # 22.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.7 \text{ acres} \times 4.5 \text{ af} = 21.15 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.14 \text{ cfs} \times 260 \text{ days} \times 1.9835 = 72.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 21.2 \text{ af}$$

2. Volume Calculations for Other Uses:

Per Administrative Memorandum # 22, domestic use for in-house use only is limited to 0.6 af, which is what is recommended for this permit.

G. PURPOSE OF USE

Irrigation X Y N # Stock Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y N

Method of Determination: Parcel data and water right file.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house field examination. There are no direct overlapping water rights, and the acres irrigated are clearly seen in aerial photography, so there is no reason why this permit should not move forward with the licensing process.

Conditions 01M, WB5, and R69 will be carried forward to licensing. Condition 121 will be changed to condition 103 as is standard. Condition X60 will be split into conditions X59 and X60 as is standard. Condition 10 on the permit form will be removed, since the well is outside the Basin 63 Ground Water Restricted Area. All of the other conditions on the permit will be removed as is standard. No additional conditions are needed.

Have conditions of permit approval been met? X Yes No

I. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	03/01 to 11/15	0.14 CFS	4.1 AF
Domestic	01/01 to 12/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.18 CFS	4.7 AF

2. Recommended Amendments

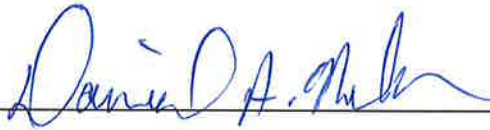
___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above X None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name



Date

2-22-19

Reviewer



Date

2/24/19

Permit 63-33873 – Field Exam Maps

The 2017 aerial imagery below clearly shows the area irrigated in the yellow border and the domestic use in the blue border around the home. The yellow dot is the location of the well or point of diversion.



The aerial imagery below is a Google Earth image that shows the place of use in better definition. You can even see a portion of the pasture being irrigated in this imagery.

