

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

A. GENERAL INFORMATIONPermit No: 55-13967

Exam Date: 6/20/2020

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- Domestic

2. Current Owner: Name: Tal and Jennifer Trautman
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No:

3. Beneficial Use Fees have been paid: Y N/A N Receipt No: N/A

4. SOURCE TRIBUTARY

Groundwater

Method of Determination: GIS and Taxlot 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
NONE			

Comments: No overlapping water applications, permits or rights at the POU.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: No overlapping water applications, permits or rights at the POD.**C. DIVERSION AND DELIVERY SYSTEM**

1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			NW	NW	29	05S	05W	B.M.	Owyhee
								B.M.	
								B.M.	

Method of Determination: GIS and Taxlot data.Change in POD? X N Amendment Required? X N

2. PLACE OF USE: Use: 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	
05S	05W	29						D											
		Lot #																	
Total Acres =																			

Method of Determination: GISChange in POU? X N Amendment Required? 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
Well metal tag No. D0015136					

*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: N/A

E. FLOW CALCULATIONS Additional Computation Sheets Attached

Measured Method:

The Hp of the pump is not known and a theoretical calculation could not be completed. Per Administration memo # 22, a standard diversion rate of 0.04 cfs is recommended.

Measurement: N/A

Permit allowed = 0.04 cfs

License Recommended of 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

This is a domestic use. According to processing memo #22, domestic use for in-house and yard irrigation can have up to 1.2 acre feet of annual water use. I am recommending 1.2 af for this permit.

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes 1

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Taxlot data

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

H. NARRATIVE/REMARKS/COMMENTS

No fee was received with the proof of beneficial use. A license examination fee is not required in connection with permits which use a ground water (well) source AND have a total rate of diversion of 0.04 cfs or less.

This permit qualifies for an in-house exam. The water is used in Owyhee County SE of Jordan Valley, OR for a single domestic purpose. Water is diverted from a well in the NWNW QQ of Section 29 in Township 05 South, Range 05 West. The well was drilled by Treasure Valley Drilling & Pump and completed on 6/20/2000. The well tag number is D0015136.

Department records indicate the applicants own the property at the point of diversion and place of use.

It is evident from that limited irrigation has been occurring at the place of use. Google Earth imagery from 2016 shows approximately 0.4 acres of irrigation around the home. Idaho Statute 42-111 describes domestic uses and exemptions. Under this statute, a single domestic use from groundwater can irrigate up to 0.5 acre without a water right. It appears that the home owners have taken advantage of this exception in the past and have recently decided to file for a domestic right. The irrigated acres observed in 2019 was also approximately 0.4 acres, I am recommending a diversion rate of 0.04 cfs and 1.2 af, which is the standard for domestic uses.

It is reasonable to believe that the owners are using water for this system since there are domestic structures on the property/POU. This permit has a priority date of 1/10/2019 while the tax-lot data shows the home was built in 2009. So, it appears the owners are just now deciding to match the water rights up to the actual use on the ground.

Conditions 1 and 2 will be removed at licensing, which is standard. Condition x01 will be carried to the license. Condition 046 will be removed at licensing, as is standard. Condition 187 will be added to the license, limiting the irrigation to 0.5 acres under the domestic use.

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

I. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
Irrigation	01/01 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.04 CFS	1.2 AF

2. Recommended Amendments

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

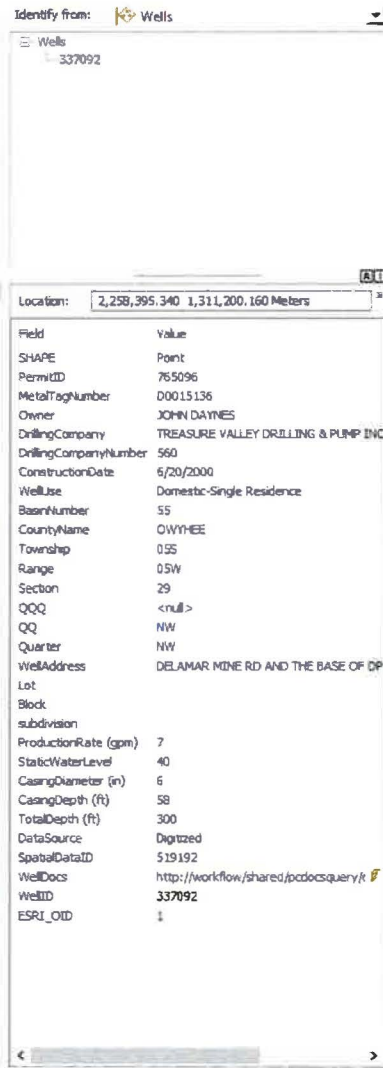
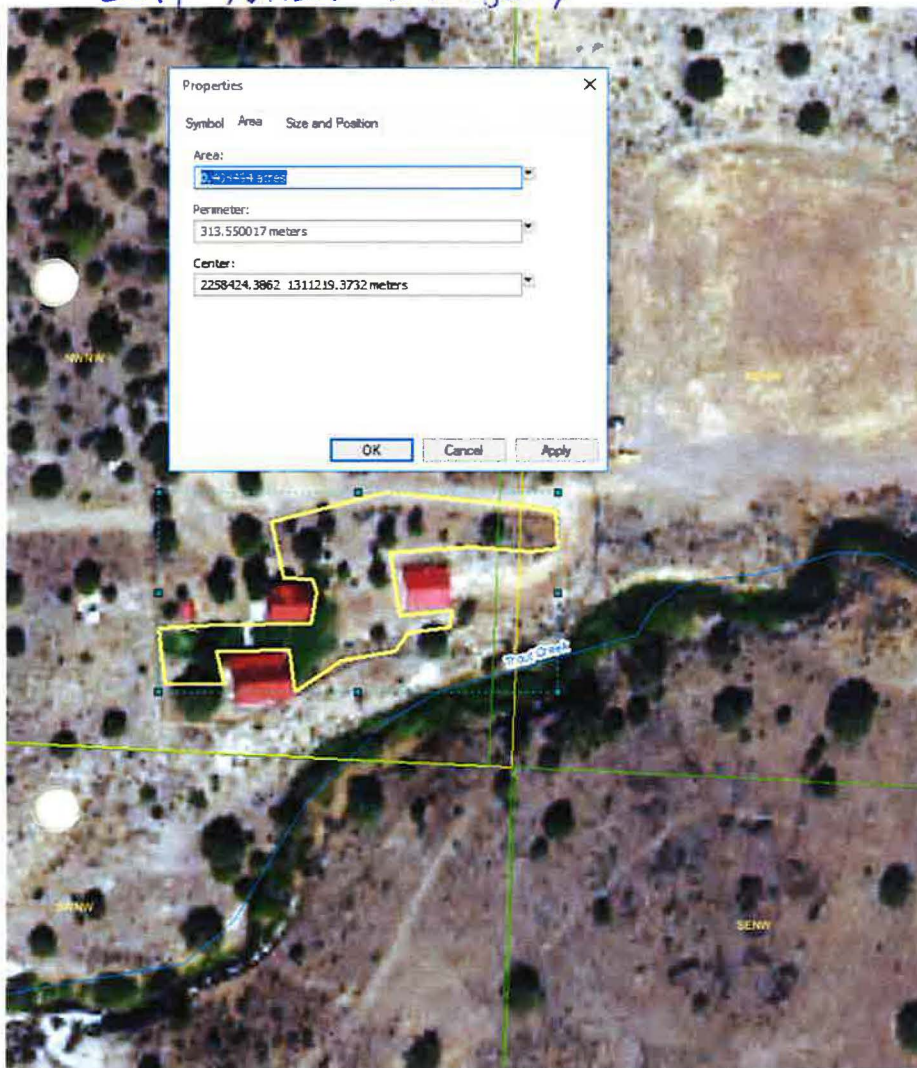
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ x None

J. AUTHENTICATION

Field Examiner's Name Alex Dalgleish Date 6/29/2020

Reviewer P. Thomas Date 6/30/20

2019 NAIP Imagery



2016 Google Earth Imagery



