

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-09334

Exam Date: 9/10/2018

1. Current Owner:
MATTHEW G DAVIS 2234 W WINDERMERE AVE COEUR D ALENE ID 83815 (208) 755-9947
2. Accompanied by: Drive by exam (applicant gave permission)
3. **SOURCE:**
GROUND WATER

TRIBUTARY:**B. OVERLAP REVIEW**

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

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**GROUND WATER L3 (SW $\frac{1}{4}$ NW $\frac{1}{4}$) Sec. 13, Twp 48N, Rge 02W, B.M. KOOTENAI County

Method of Determination: Maps and GPS. POD located at -116° 32.332, 47° 30.446

2.

PLACE OF 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	
48N	02W	13							X L 3										

Method of Determination: Google Earth and Arcmap.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
☒ Indicate weir size/pipe as applicable.

☒

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
☒ 1:24,000 or greater.

☒

☒ Aerial Photo Attached (required for irrigation of 10+ acres).

☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
UNKNOWN	FRANKLIN	1	2801084910		

*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: N/A

hose from pressure tank to travel trailer when present.

E. FLOW CALCULATIONS

Measured Method: Measurement of diversion rate covered under _____ Additional Computation Sheets Attached
 IDAPA RULE 37.03.02.035.01.r.iii. The diversion rate this domestic right is limited to 0.04 cfs or 18 gpm.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: The annual volume for this domestic right is limited to 0.6 AF.

G. NARRATIVE/REMARKS/COMMENTS

Field exam was performed with nobody present and with permission from the applicant, Matthew Davis. A well was located and a 1hp pump was found to be in the well. The well is unknown to the applicant and thus the department because we cannot accurately attach a log to the file. There are 3 well in the same 40 acre tract, but with them being drilled in the 1980's, we can't be sure if they were identified correctly when drilled. Because a simple drive was required and the permit is only for domestic, the measurement of diversion rate will be covered under the in-house exam rules. The license will be issued for a diversion rate of 0.04 cfs for domestic uses.

Review of aerial photography showed a home on the property that was no longer present. There was a bunk house on the property and the applicant used his trailer on the property. Because there had been a home present on the property and the applicant still used domestic water, 0.6 acre-feet will be given on the license. Because there was no sign of irrigation at time of exam or in the previous 4 years, the irrigation component of domestic will be issued. A general shape will be given in the same area of where the home was located and where the trailer was parked. The permit was issued in 3 different QQ's which is the shape of the property. The license will only be issued in the SWNW for domestic use.

Condition X01 and 004 will remain on the license and no other conditions will be added. All other conditions from permit will be removed as they are no long relevant. There are no overlap concerns.

Have conditions of permit approval been met? X 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	0.04 CFS	0.6 AF
<u>Totals:</u>		0.040 CFS	0.60 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

I. AUTHENTICATION

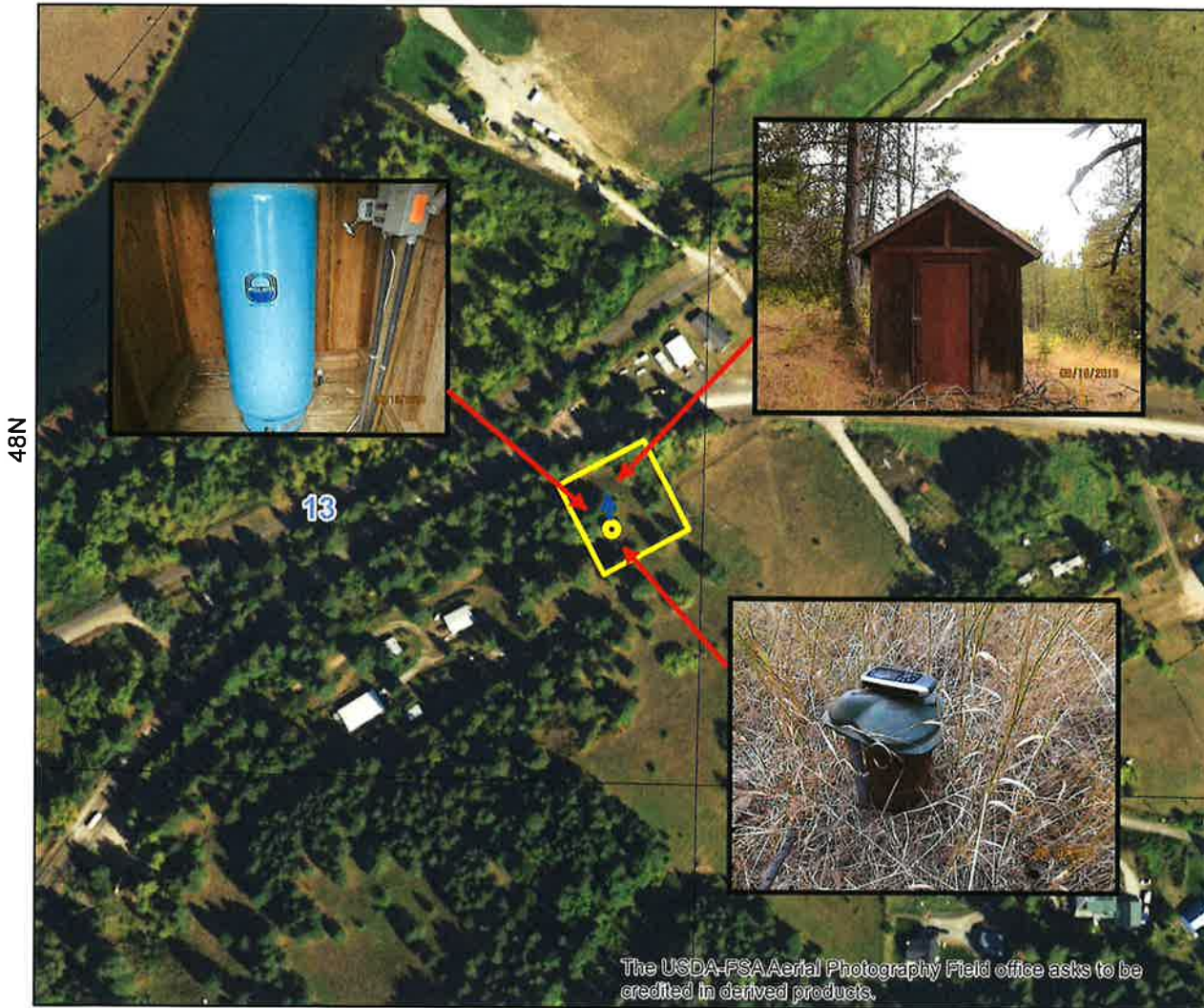
Field Examiner's Name *Adam Fink* Date 11/1/2019

Reviewer *Douglas Jones* Date 1/28/2019

State of Idaho
Department of Water Resources
Attachment to Field Exam
94-9334

DOMESTIC / SYSTEM DIAGRAM

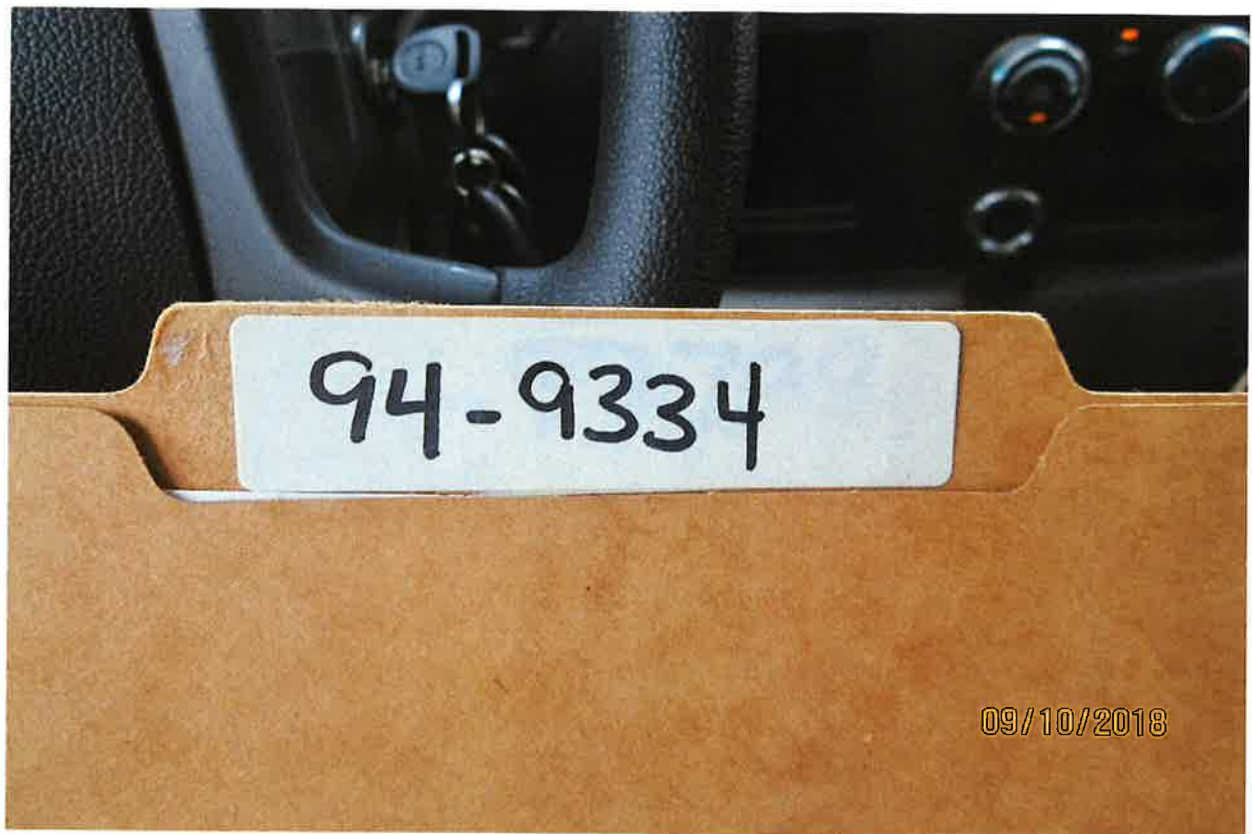
02W



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

0 0.035 0.07 0.14 Miles





Unknown well.



Pump house.



1hp pump in well.



Domestic uses on property, home was on property. Applicant uses trailer now until home can be built.

