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Permit No: 57-11611

DEPARTMENT OF WATER RESOURCES

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 57-11611

Exam Date: 8/16/2005

1. Current Owner: DENNIS ROBISON
15491 WAR EAGLE RD
MURPHY ID 83650
(208)495-2438
2. Accompanied by: Jim Klevenberg
Phone No: 495-2771
Address: Eagle View Estates
Relationship to Permit Holder: Resident and Manager of Association No. 1

3. SOURCE

TRIBUTARY

GROUND WATER

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 SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER NE1/4SE1/4 Sec. 9, Twp 02S, Rge 02W, B.M.
OWYHEE County

Method of Determination: Exam, Arc View, Plat Map

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	
02S	02W	9													X				

Method of Determination: Exam, Plat Map

3. N 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.
- Y Aerial Photo Attached (required for irrigation of 10+ acres).
- Y 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
Private Well	Unknown	3	Submersible	Berkeley	

*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
Theoretical						

2. Measurements: Per telecom 2/22/2007, the permit holder had in his records that when the pump was installed, the static water level was 190 feet and the pump was set at 220 feet. A pump test was conducted after installation and flow rate was measured at 20 gpm. Dan Charters with A-1 Pump Company sold and installed the pump to/for Dennis Robison.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: Theoretical

$$\frac{8.8 \times 3 \text{ hp} \times .7}{210 \text{ ft} + 30 \text{ psi} \times 2.31} = \frac{18.48}{279.3} = .07 \text{ cfs}$$

$$210 \text{ ft} + 30 \text{ psi} \times 2.31 = 279.3$$

Dynamic Lift estimated 10 feet above pump setting

Psi estimated for domestic with lawn

.045 cfs was measured at time of pump installation

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:

$$\text{Internal/external domestic use} = 1.2 \text{ afa}$$

G. NARRATIVE/REMARKS/COMMENTS

A 6 inch well equipped with a 3 hp submersible pump, located in Lot 3, Block 2, Eagle View Estates Subdivision, supplies water to one home and yard located on the same lot. The permit listed .02 cfs for internal domestic use and .10 cfs for irrigation of 5 acres. Much less than ½ acre was found irrigated at the time of the exam. Rather than licensing for the actual amount of irrigation found, only domestic use was recommended, which allows yard irrigation up to ½ acre. The permit listed .12 cfs total. .10 cfs was the amount listed and paid for on the proof of beneficial use. The system capacity appears to be around .05 cfs to .07 cfs. The standard domestic rate of .04 cfs was recommended for licensing to account for internal and external domestic uses, which is within the parameters and intent of the permit, proof of beneficial use and system capacity.

Proof of beneficial use had not been filed on this right at the time of the exam. I contacted Dennis Robison and told him that I had enough information from my field visit to recommend this right for licensing if he submitted the proof of beneficial use and supplied me with some information regarding his pump. The proof and pump info was received resulting in this licensing recommendation.

The parent right for 57-11611 is 57-7597, which was split into 57-11610, 57-11611 and 57-11612. Rights 57-11610 and 57-11612 share the original well located in the SESE S9, Lot 6, Block 2. In May, 2002, Dennis Robison drilled a separate, private well and filed an application for amendment to use this well instead of the shared well for his split portion. He then filed proof of beneficial use in June, 2006. Because the private well was drilled and amendment was received prior to the field exam and proof due date, the amendment (application located in the file), can be taken care in the licensing process. Please note that Dennis paid for the amendment application for the private well per receipt no. W029250. Additional fees for the licensing amendment should be waived.

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 Graver Date 3/5/07

Reviewer _____ Date _____