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MAR 16 2023

DEPARTMENT OF
WATER RESOURCESSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEMENT OF COMPLETION

FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY

 Amt. of Fee \$ 50
 Receipt No. 2115593
 Received By KH
 Date Received 3.16.23

The Idaho Department of Water Resources (Department) considers this form a statement that the permit holder(s) applied water to beneficial use and completed development of a water right to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner (CWRE).** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, complete a Notice of Change in Water Right Ownership form. If you wish to relinquish your permit because you have not established the authorized water use and are not applying for an extension, please notify the Department in writing.

- 65-24017
- Permit No. 901833 ^{on well} Name of Permit Holder(s) Gern and Eric Wright
 Telephone No. 208-941-3730 Email gene@coarsedrillingpump.com
 Mailing Address 6290 SE 3rd Ave City New Plymouth State ID Zip 83655
 - Source of Water Ground Water If Ground Water (well), Date Drilled mo. ____ / yr. ____
 Drilling Permit/Tag No. 000 93 538 Drilling Company's Name Coarse Well Drilling & Pump Co.
 - Extent of use(s) completed as authorized by the water right permit:
 Domestic (No. households) ____ Irrigation (No. acres) 3 Stockwater (No. and stock type) ____
 Other ____
 - Total diversion rate or volume (storage only) for which proof is submitted 0.09 cfs OR ____ af
 If the total developed water use is 5 acres of irrigation or less, is stockwater storage of 14.6 acre-feet or less, or has a diversion rate of less than 0.24 cfs, attach a map of the place of use and point of diversion and photographs showing beneficial use.
 - Describe the diversion and delivery system from the water source to the use (pump, lift, irrigation method, etc.)
Submersible pump supplies a pressurized irrigation sprinkler system on a sprinkler clock
 - Permit condition compliance. Refer to the permit approval conditions and check all the items required, then check "Yes" or "No" to indicate whether the required items were established, submitted, and/or installed:
 Required? Yes No (If "Yes", attach required data, evidence of compliance, or evidence of installation)
☐ ☐ ☒ Ground water level data, pumping information, or other diversion data
☐ ☐ ☒ Mitigation plan
☐ ☐ ☒ Lockable controlling works
☐ ☐ ☒ Measuring device
☐ ☐ ☒ Fish screen
☐ ☐ ☐ Other requirements of the water right permit ____
☐ ☒ Reasonably Anticipated Future Needs ("RAFN") Municipal use
 If RAFN Municipal use, additional increment of beneficial use developed? ☐ Yes (attach CWRE report) ☐ No
 - Fee Enclosed \$ 50 or ☐ CWRE field report attached or ☐ No fee required
 See fee schedule on page 3 of the instructions. Proof statements filed without an appropriate fee are incomplete.
 - Person to contact to accompany a Department representative during the field examination of the water system:
 Name: Gern Wright Telephone No. 208 941-3730 Email gene@coarsedrillingpump.com
 Mailing Address 6290 SE 3rd Ave City New Plymouth State ID Zip 83655

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Gern Wright Gern Wright Permit Holder 3-13-2023
 SIGNATURE OF PERMIT HOLDER* PRINTED NAME AND TITLE DATE

*Attach power of attorney if completing on behalf of permit holder.







HDR



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

A. GENERAL INFORMATIONExam Date: 5/16/20231. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N

- a. X 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 < >

Comment: The number of acres irrigated was unable to be confirmed through Aerial Imagery. Therefore, a field examination was conducted on May 16th, 2023.

2. Current Owner: Gene and Erica Wright

Owner of Record Correct? NAddress of Record Correct? N

If No Explain: N/A

3. Beneficial Use Fees have been paid: X Y N Receipt No: C115593

4. Source: Tributary:
 Groundwater N/A

Method of Determination:

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
N/A			

Comments: N/A

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

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: N/A

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SW	SE	19	07N	03W	B.M.	Payette
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel DataChange in POD? Y X N Amendment Required? Y X N

2. Place of Use: Irrigation, 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	
07N	03W	19															1.3, D		1.3
		Lot #																	N/A
Total Acres =																			1.3

Method of Determination: GIS, Tax Parcel Data, Photos, and conversation with permit holder during field examination.Change in POU? Y X N Amendment Required? Y X NX Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable:

X Aerial Photo Attached (required for irrigation of 10+ acres).X Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	MS4000	5		Grundfos	98998561

*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
N/A						

Measurement Comments: The system was mostly underground and there was not enough exposed pipe to get a measurement. The size and type of sprinkler nozzle were used to calculate the diversion rate for irrigation. Since a pump horsepower could be determined from the pump manufacturer's website a diversion rate calculation can be conducted.

E. FLOW CALCULATIONSAdditional Computation Sheets Attached

Measured Method: Since a pump horsepower of 5 was determined from the pump manufacturers website a diversion rate calculation is possible. Lift is roughly 76 ft from the well long and expected drawdown during pumping. The calculation determined the capacity of the system is 0.14 cfs and could provide the diversion rate authorized on the permit. According to Administrative Processing Memo #22 the standard diversion rate for a single-family home is 0.04 cfs.

According to Administrative Processing Memo #17 the standard diversion rate/acre for the irrigation of less than 5 acres is 0.03 cfs/acre, (1.3 acres) * (0.03 cfs/acre) = 0.039 cfs or 0.04 cfs rounded. The permit authorized 0.04 cfs for domestic use and 0.09 cfs for irrigation. The irrigation portion, other than the 1/2 an acre included under domestic use, should not be licensed because the permit holder did not comply with condition 943. Therefore, I am recommending a 0.04 cfs total diversion rate.

$$Q = (5Hp) (8.8) (0.70) / (76 \text{ ft lift}) + (2.31) * (60 \text{ psi}) = 0.14 \text{ cfs}$$

Measurement = 0.14 cfs
Permit allowed = 0.13 cfs

Comments: There are 8 zones with 5 sprinklers per zone of Hunter I.25 6" gear drive sprinklers which are operated one zone at a time. Each sprinkler would discharge 12.2 gpm at 60 psi, while the system was operational according to the sprinkler nozzle size. There are also smaller Hunter I.20 sprinklers which divert 27 gpm when operating used for yard irrigation around the home.

$$(12.2 \text{ gpm at } 60 \text{ psi}) * (5 \text{ sprinklers per zone}) = 88 \text{ gpm}$$

$$1 \text{ cfs} = 448.83 \text{ gpm}$$

$$(61 \text{ gpm}) / (448.83 \text{ gpm}) = 0.135 \text{ cfs or } 0.14 \text{ cfs rounded. If only one zone is irrigated.}$$

$$(27 \text{ gpm}) / (448.83 \text{ gpm}) = 0.06 \text{ cfs when the yard around the home is irrigated}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1.3 \text{ acres}) \times (4.5 \text{ af/acre}) = 5.85 \text{ af or } 5.9 \text{ af rounded}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.09 \text{ cfs}) \times (260 \text{ days}) \times (1.9835) = 46.4 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 5.9 \text{ af}$$

2. Volume Calculations for Other Uses: According to Administrative Processing Memo #22 the standard diversion rate for a single domestic use is 0.6 af for in home use and 0.6 af for up to ½ an acre of yard irrigation or 1.2 af. Since the irrigation portion of the permit should not be licensed because the permit holder did not comply with condition 943, I am recommending a 1.2 af total diversion volume.

G. PURPOSE OF USE

Irrigation X Y N # Stock Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y X N

Method of Determination: GIS, Tax Parcel Data, 2022 Payette County Aerial Imagery and observations during field examination.

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit would qualify for an in-office examination. However, it was difficult to determine how many acres of yard irrigation was occurring. Therefore, a field examination was scheduled and conducted on May 16th, 2023. The permit authorized in house domestic use and 3 acres of irrigation diverting from groundwater. The permit holder and 2022 Payette County Aerial Imagery confirmed 1.3 acres of irrigation occurred. During the field exam the permit holder was able to operate the irrigation system, turning on 1 of 8 total sprinkler zones. The system used Hunter I.25 sprinklers discharging 12.2 gpm per sprinkler nozzle. The permit holder explained only one sprinkler zone is operated at a time, including smaller Hunter I.20 sprinkler nozzles irrigating the yard around the home. However, there was not enough pipe surface to get a flow measurement.

Since a 5-pump horsepower was determined a diversion rate calculation is possible. According to the calculation the system can handle 0.14 cfs at 60 psi. The standards set in Administrative Processing Memo #17 were used to determine diversion rate for the irrigation of 1.3 acres. The standards set in Administrative Processing Memo #22 were used to make diversion rate and volume recommendations. Not all conditions were met, and it has been confirmed a beneficial use was developed within authorization on the permit.

Condition 943 requires the permit holder to make full beneficial use of any surface water rights or from an irrigation entity before groundwater use. The permit holder has access to canal water through the Farmers Irrigation Company via ditches irrigating a field on the permit holder's property. He did not want to flood irrigate from a surface water source due to erosional concerns and provided a map demonstrating this. As of July 1st, 2023, Idaho Code § 42-204A(4a&b) establishes two exceptions to adding 943 to a permit. Section 4a, If surface water rights are not distributed by a water delivery entity and the applicant can show it is within the public interest surface water should not be used. Section 4b, the application is submitted in connection with a proposed or approved mitigation plan. Currently the permit holder has not provided documentation that demonstrates they meet either exception. Therefore, the irrigation portion of the water right, excluding the ½ acre of yard irrigation included with domestic use, should not be included on the license. I am recommending a 0.04 cfs diversion rate and 1.2 af diversion volume.

Condition 121 should be changed to 103 as standard with licensing. Condition WB5 should be changed to X01 because only domestic use should be licensed. Condition 187 should be added because only domestic use should be licensed. Conditions 943, WB7, and R69 should be removed because the license should be reduced to just domestic use, those conditions are designated for irrigation purposes. Condition 046 should be removed because the permit holder complied with the Departments well drilling requirements. All other conditions should be removed as standard with licensing.

Have conditions of permit approval been met? Yes X No

I. RECOMMENDATIONS

1. Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01-12/31	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

Other: < >

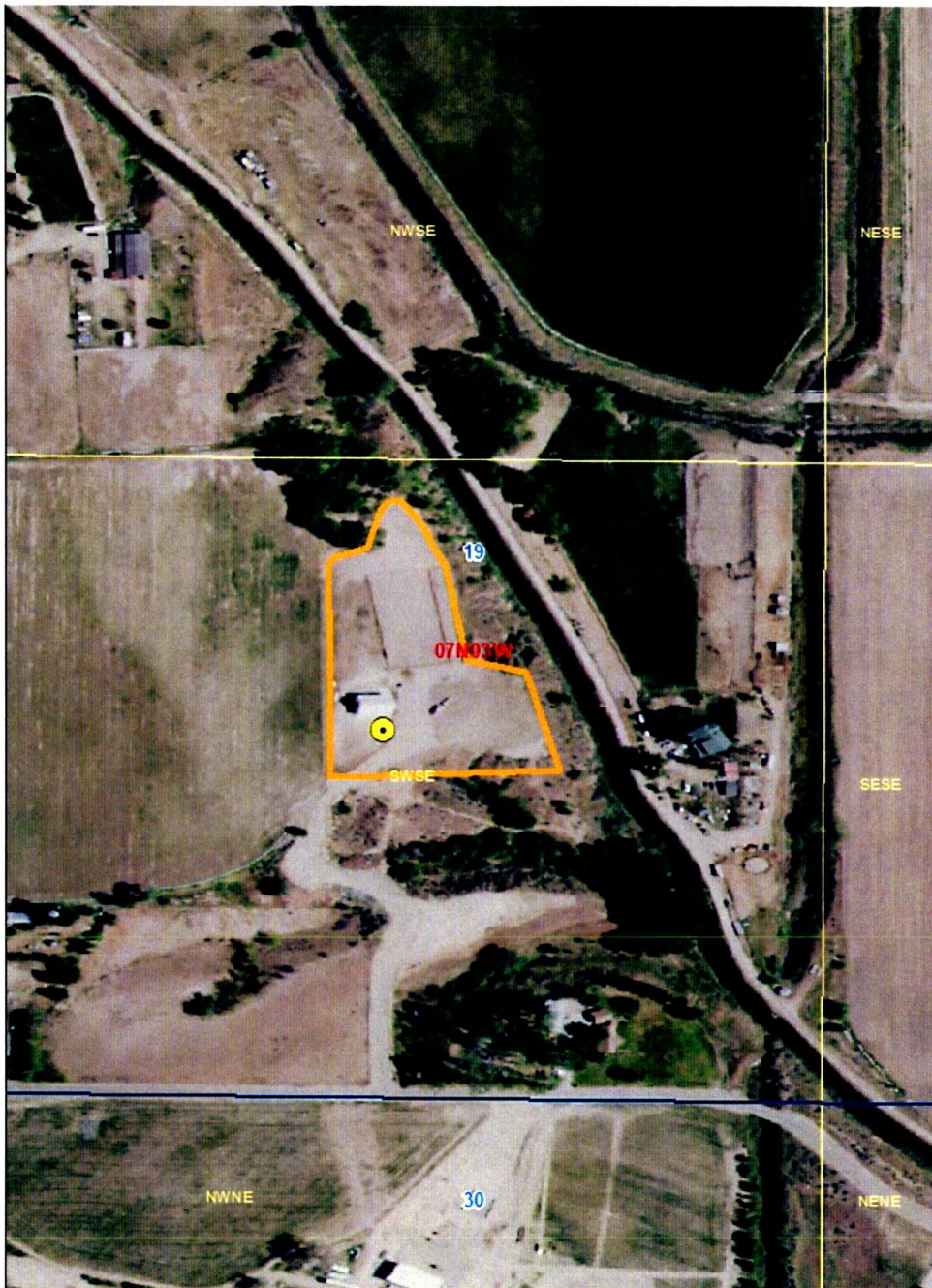
J. AUTHENTICATION **Skyler Cheever – Water Resource Agent**

Field Examiner's _____ Date _____

Reviewer _____ Date _____

Field Exam Map

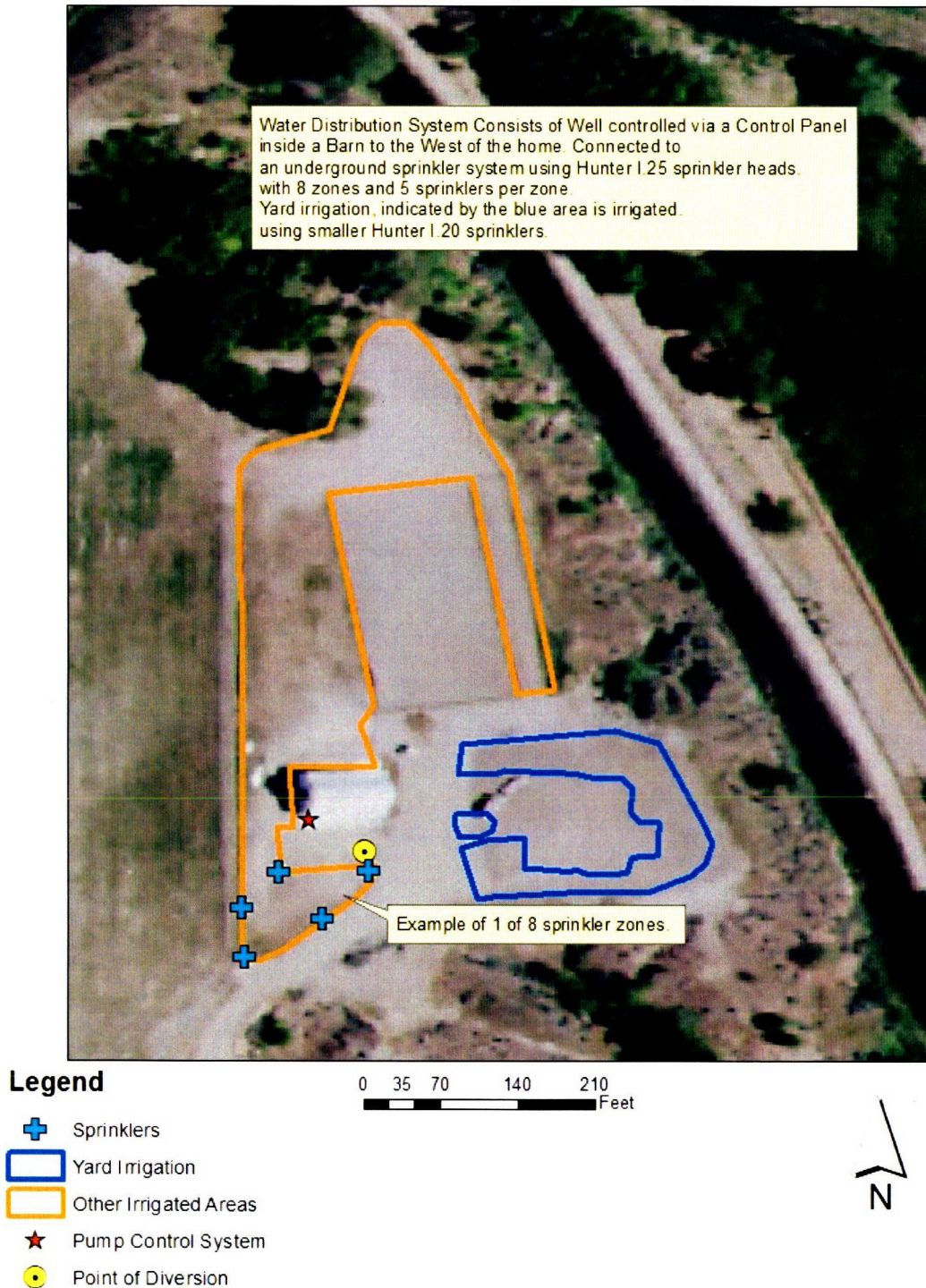
Map showing the authorized point of diversion (yellow point) and place of use (orange outline).



System Diagram

Map demonstrating the water delivery system as observed during the field examination.

Permit 65-24017 System Diagram



Pictures from Field Examination of Permit 65-24017



Figure 1. Picture of well tag. Well located to the south of a barn.



Figure 2. Picture of 1 of 8 sprinkler zones. This zone is just south of the well location



Figure 3. Picture of Hunter I.25 used in the 8 Sprinkler Zones.



Figure 4. Photograph of pressure gauge near attached to the well. The permit holder informed me it was not working properly and therefore did not give a proper reading.



Figure 5. Photograph of pump controlling unit displaying operating pressure and Hz.

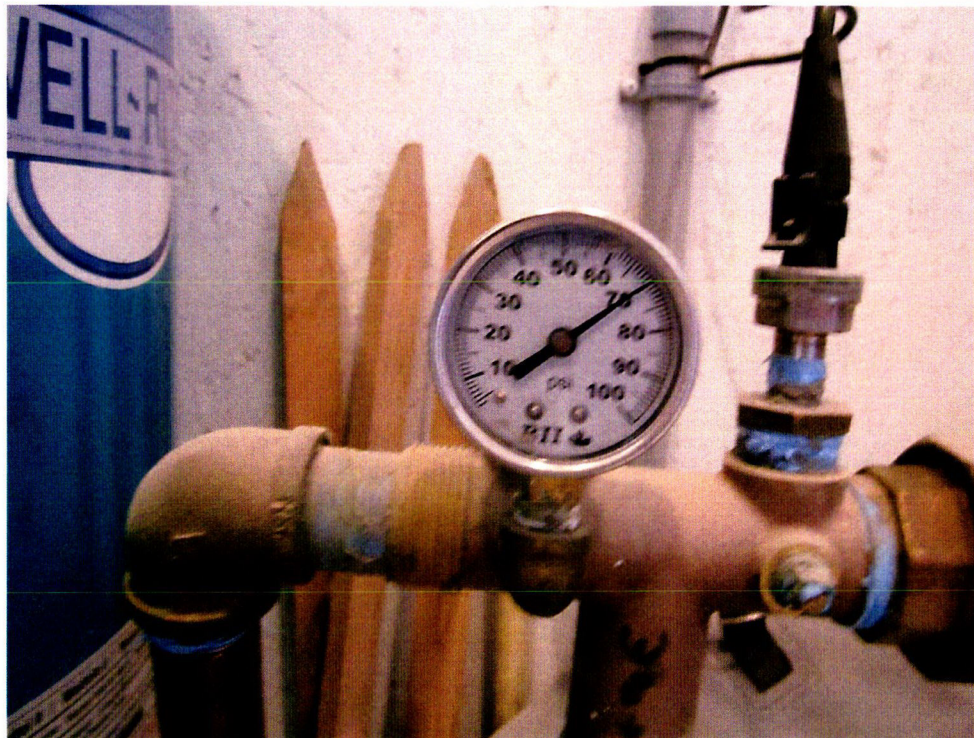


Figure 6. Photograph of pressure gauge in barn near pressure tank and pump controlling unit. The permit holder informed me this gauge provided an accurate measure of pressure for the system. This was confirmed by the digital readout on the pump control unit pictured above.

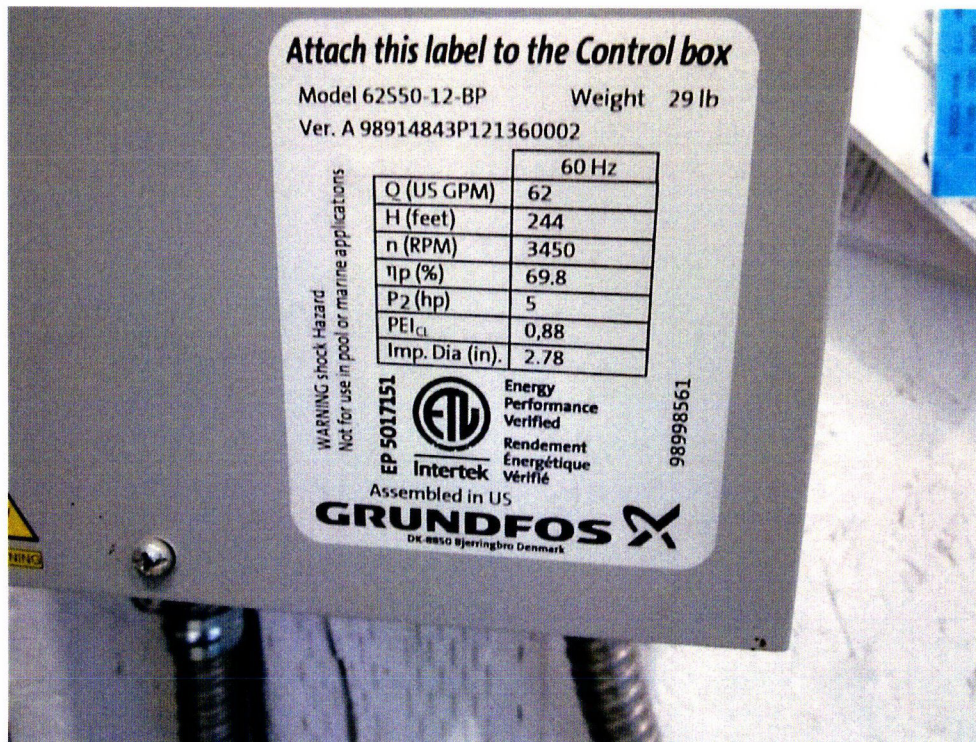


Figure 7. Photograph of pump specifications to the right of the pump control screen two photographs above.



Figure 8. Photograph of front of home with yard irrigation spanning around the back, shown in the image below. Irrigated using Hunter I.20 sprinklers.



Figure 9. Photograph of yard behind home in picture above. Irrigated with smaller I.20 hunter sprinklers.

Beneficial Use Proof Evaluation

Permit Number: 65-24017 Reviewer: djudd Review Date: 3/17/2023

Acceptability

- 1) Is the contact on the request the current permit holder? Yes
- 2) Does the address of record need to be updated? No
- 3) Proof Submitted Date: 3/16/2023
- 4) Proof Due Date: 5/1/2023
- 5) Days added for weekend due date? 0
- 6) Days added for holiday due date? 0
- 7) Number of days late: -46
- 8) Proof received timely? Yes

Analysis

- 1) Are the water uses correct? Yes
- 2) Are one of the following items required?
 - a. Measuring Device -- No
 - b. Lockable Device --No
 - c. Fish Screen -- No
- 3) Are the required items installed?
 - a. Measuring Device --
 - b. Lockable Device --
 - c. Fish Screen --
- 4) Is there a request to waive the required items?
- 5) Drilling Permit Number: 721066
- 6) Is a drilling permit upgrade needed? No
- 7) Was a well drillers report filed? Yes
- 8) Is proof accepted? Yes

Fees

- 1) Is a licensing exam fee required? Yes
- 2) Was proof submitted with an exam report from a CWE? No
- 3) Filing fee due: \$50.00
- 4) Filing fee submitted: \$50.00
- 5) Remaining fee or (refund): \$0.00

Receipt IDs

W049087

Comments

Proof deemed acceptable. Gave file to water right agent for in-house license review. Water right agent will enter the proof made date in AdHoc at the time of licensing.

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ERICA WRIGHT
GENE WRIGHT
6290 SE 3RD AVE
NEW PLYMOUTH ID 83655

65-24017

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MAR 13 2023

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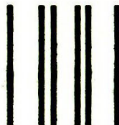
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DEPARTMENT OF
WATER RESOURCES

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BOISE, ID 83720-0098

Ddgi 65-24017

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MAR 15 2023



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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ERICA WRIGHT
GENE WRIGHT
6290 SE 3RD AVE
NEW PLYMOUTH ID 83655



9590 9402 2140 6132 2236 68

2. Article Number (Transfer from)

7016 1370 0000 2018 9924

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x *Gene Wright*

☐ Agent

☐ Addressee

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C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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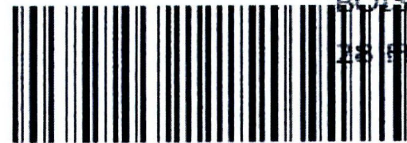
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ERICA WRIGHT
GENE WRIGHT
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NOTICE: STATEM

83669-550240
83720-0098

65-24017

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MAR 13 2023



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little
February 28, 2023

Director Gary Spackman

ERICA WRIGHT
GENE WRIGHT
10542 W STONECROP DR
STAR ID 83669-5502

NOTICE: STATEMENT OF COMPLETION DUE

RE: Permit No. 65-24017

IMPORTANT: A response from you is required to maintain the active status of the referenced water right permit. If no response is received from you, the permit will lapse and your authorization to develop and/or use this water right will be cancelled.

Dear Permit Holders:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before **May 01, 2023**. Please complete and return the enclosed Statement of Completion for Submitting Proof of Beneficial Use (proof) if you have completed the water project authorized by your permit. The proof statement must be accompanied by either the appropriate license examination fee or a field examination report prepared by a certified water right examiner.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Idaho Code § 42-204. If you have been delayed by a government agency or by litigation that brings title to the water in question, an extension of time may be granted if appropriate documentation is provided at the time of filing. An extension request must be accompanied by a \$50.00 filing fee and signed by the appropriate authorized permit holder(s) or authorized representative with a power of attorney.

Either an acceptable proof or an acceptable extension request must be received by this Department on or before the above proof due date. If neither is received, the Department will send you a lapse notice and the permit will no longer be of any force or effect.

Sincerely,

Debbi Judd
Technical Records Specialist

Enclosures



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MAR 01 2023