

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-8000

Exam Date: 09/23/2024

1. Current Owner:

HOWARD WELLS PO BOX 1838 BONNERS FERRY ID 83805-1838 AND/OR
ARLETTA WELLS PO BOX 1838 BONNERS FERRY ID 83805-1838

2. Accompanied by: In house

Phone No:

Address:

Relationship to permit Holder:

3. **SOURCE:**

GROUND WATER

Method of Determination: application

B. OVERLAP REVIEW

1. Other water rights with the same place of use:

YES Overlap

Water Right No.	Source	Purpose of Use	Basis
98-7999	Gillon Creek	Irrigation	permit

Comments: Permit 98-7999 is an irrigation right for 1 acre from Gillon Creek.

2. Other water rights with the same point-of-diversion:

NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NW¼ SE¼, Sec. 17, Twp 65N, Rge 02E, B.M. BOUNDARY County

Method of Determination: application, permit and well log

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
65N	02E	17														X			

Method of Determination: application, permit, ArcMap and Boundary County

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

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

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

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

2. Volume Calculations for Other Uses: domestic use, indoor and up to ½ acre of irrigation. 1.2 af per administrative application processing memo #22.

G. NARRATIVE/REMARKS/COMMENTS: ArcMap and Boundary County show dwelling on property and list permit holders are current owners.

This right overlaps with 98-7999 which is an irrigation permit from Gillon Creek for 1 acre. Proof due August 1, 2024. Submitted July 29, 2024.

Diversion and delivery is a 1 HP Grundfos submersible pump from well to the home and irrigation up to ½ acre.

Removed conditions 26A and 046.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	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 ☒ None

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

I. AUTHENTICATION Jean Hersley - Technical Records Specialist 2

Field Examiner's Name Jean Hersley Date 9/23/24

Reviewer TH Date 9/27/24

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D D0084628
Drilling Permit No. 893974

Water right or injection well # _____

2. OWNER: Howard Wells

Name Howard Wells

Address 1580 billion creek RD

City Brass Ferry State ID Zip 83805

3. WELL LOCATION:

Twp. 6S North ☒ or South ☐ Rge. 02 East ☒ or West ☐

Sec. 17 1/4 NW 1/4 SE 1/4

Gov't Lot _____ County Boundary

Lat. 48° 59.0340 (Deg. and Decimal minutes)

Long. -116° 13.8540 (Deg. and Decimal minutes)

Address of Well Site 1580 billion creek Rd

City Brass Ferry

Lot _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection

☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
<u>Bentonite</u>	<u>0</u>	<u>38</u>	<u>23 Bags</u>	<u>pour</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
<u>6 5/8</u>	<u>-2</u>	<u>155</u>	<u>.25</u>	<u>Steel</u>	☒	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 155

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
-----------	---------	-----------	-----------	--------------------	----------	-------------------

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
-----------------	-----------	---------	------------------------------------	------------------

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device well cap

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 100 Static water level (ft) 3

Water temp. (°F) 45 Bottom hole temp. (°F) 45

Describe access port well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Alt	Flowing Artesian
<u>155</u>	<u>10 gpm</u>	<u>1 hour</u>	☐	☐	☒	☐

Water quality test or comments: Good

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water
				Y N
<u>10</u>	<u>0</u>	<u>38</u>	<u>Surface Seal</u>	☒
<u>6</u>	<u>0</u>	<u>60</u>	<u>clay, cobble, gravel</u>	☒
<u>6</u>	<u>60</u>	<u>100</u>	<u>vet. clay cobble</u>	☒
<u>6</u>	<u>100</u>	<u>130</u>	<u>vet silt, gravel cobble</u>	☒
<u>6</u>	<u>130</u>	<u>145</u>	<u>gravel, silt, sand water, won't clean up</u>	☒
<u>6</u>	<u>145</u>	<u>155</u>	<u>gravel coarse sand, cobble, water</u>	☒

RECEIVED

JUN 08 2020

IDWR / NORTH

Completed Depth (Measurable): 155

Date Started: May 12-20 Date Completed: May 13-20

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Universal Drilling Co. No. 650

*Principal Driller John M... Date May 15-20

*Driller Austin H. H.C. Date May 15-20

*Operator II Austin H. H.C. Date May 15-20

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

98-8000

Untitled - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

Process POU POD Wells SC WMIS Dam Safety UIC WRA Enforcement Tools Editor

2,336,790.257 1,978,247.447 Meters

Identify

Identify from: Parcels

Parcels

WELLS, HOWARD C JR

Location: 2,336,790.257 1,978,247.447 Meters

Field	Value
ID	17243538
UPDATED	7/16/2024
PPN	APSNDSE171518A
OWNER	WELLS, HOWARD C JR
ADDRESS1	PO BOX 1838
ADDRESS2	
CITY	BONNERS FERRY
STATE	ID
ZIPCODE	83805
P_ADDRESS	1580 GILLON CREEK RD
P_ZIPCODE	83805
SUB_NAME	
LEGAL1	SW-4SW-4NE-4, SE-4SE-4NW-4,
LEGAL2	NE-4NE-4SW-4, S2NW-4SE-4,
LEGAL3	NW-4NW-4SE-4, LESS R/W
LEGAL4	SEC 17 T6S N R2E
LEGAL5	
LEGAL6	
ACRES	59
COUNTY	Boundary
SOURCE	<null>
YEAR_BUILT	2018

Identified 1 feature

2336975.620 1078424.044 Meters

ArcMap shows dwelling on property and lists permit holder as current owner.

Boundary County Parcels

1580 Gillon Creek Rd

Search result

Map Layers

- Boundary County Mask
- PLSS
- Roads
- Parcels
- Idaho State Taxing Districts
- Wells
- Water Right Places of Use
- Idaho Surface Management Agency
- Idaho 2023
- NAIP Imagery 2021

RP65N02E171510A

1580 Gillon Creek Rd, B3805

RP65N02E171510A, WELLS, HOWARD C JR

Zoom to

The parcel number is RP65N02E171510A

Owner: Wells, Howard C Jr

Address 1580 Gillon Creek Rd, B3805

Legal Address: Sw4sw4ne4, Se4se4nw4, Ne4ne4sw4, S2nw4se4, Nw4nw4se4, Less R/w, Sec 17 T6S N R2e

Deeds: 270607 Cpa, 270607 Wdo, 166051 Qd, 163741 Qd

Acres: 58.500000

Tax Code Area: 0040000

Selected features: 1

100 ft

Powered by Esri

Boundary County shows dwelling on property and lists permit holder as current owner.

<

>

☰

2 of 5

PLSS - PLS Sections: 1

☰

^

×

🔍 Zoom to

OFFCL_DESC	17
PRINMERIDIAN	1
RANGE	02E
RNGPARTIAL	0
SEC	17
TOWNSHIP	65N
TR	65N02E
TRS	65N02E17

POU

9/23/2024

Current Owner ARLETTA WELLS
PO BOX 1838
BONNERS FERRY, ID 83805-1838
(208) 797-5455

Tributary
ROBINSON LAKE

			Boundary County																	
			NE				NW				SW				SE					
Twp	Rng	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals	
65N	02E	17															1.0		1.0	

POU Total Acres: 1.0

1.	26A	Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.
2.	X15	A fish screen of 1/4 inch or smaller mesh shall be installed and maintained at the point of diversion.
3.	R66	This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the place of use.
4.	004	This right does not grant any right-of-way or easement across the land of another.

IDAHO DEPARTMENT OF WATER RESOURCES
Water Permit 98-7999

9/23/2024

Comments:

1 afrederick 7/23/2019 POD
Updated Shape

2 afrederick 7/23/2019 POU
Updated Shape

Dates and Other Information:

Permit Proof Due Date: 8/1/2024
Permit Approved Date: 8/25/2019
State or Federal: S
Owner Name Connector: AND/OR
Water District Number: NWD
Generic Max Rate Per Acre: 0.030
Generic Max Volume Per Acre: 3.0
Mitigation Plan: False

Combined Use Limits:

N/A

SubCase:

N/A

Water Supply Bank:

N/A