

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-23857
Exam Date: 05/22/2025

1. Current Owner:
KATHERINE NICOLE WHITE 30 COUNTY BYPASS RD HORSESHOE BND ID 83629-9000
2. Accompanied by: Katherine White
Phone No: 206-408-8991
Address: KATHERINE NICOLE WHITE 30 COUNTY BYPASS RD HORSESHOE BND ID 83629-9000
Relationship to permit Holder: Permit holder

3. **SOURCE:**
GROUND WATER

Method of Determination: Aerial photography and site visit

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 NW¼ SE¼, Sec. 9, Twp 06N, Rge 02E, B.M. BOISE County

Method of Determination: Site visit, aerial imagery

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	
06N	02E	9									X					X			

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06N	02E	9														1.0			1.0

Total Acres: 1.0

Method of Determination: Site visit, aerial imagery

- 3.
- x Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- x Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- n/a Aerial Photo Attached (required for irrigation of 10+ acres).
- x 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
N/A	N/A	N/A	N/A	N/A	N/A

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: None taken**E. FLOW CALCULATIONS** N/A Additional Computation Sheets Attached

Measured Method: Following IDAPA Beneficial use exam rules 35.01.(r). no measurement was taken.

Standard Rate Irrigation for less than 5 acres	0.03 cfs
Standard Rate Domestic for two homes	0.06 cfs
Permitted Total Rate	0.09 cfs
<u>License Recommendation</u>	<u>0.09 cfs</u>

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \text{ acres} \times 4.5 \text{ AFA} = 4.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \text{ cfs} \times 259 \text{ days} \times 1.9835 = 15.411$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{4.5 \text{ AF}}$$

2. Volume Calculations for Other Uses:

Domestic volume is 0.6 AF per household when irrigation is not included for a total of 1.2 AF for two homes per Application Processing Memo No. 22

G. NARRATIVE/REMARKS/COMMENTS

A field exam was conducted on May 22, 2025, by Senior Water Right Agent Marcelina Williams and was accompanied by the permit holder, Mrs. White. The permit was approved on February 11, 2020, and proof of beneficial use was submitted on December 16, 2024.

The point of diversion (POD) location was confirmed as ground water from a well in the NWSE of Sec 09, T06N, R02E, and is accurately described by the permit. No overlapping PODs were found. No amendment is required to correct the legal descriptions.

From the POD water is diverted north and south to attach to two homes. The home south of the well irrigates about 0.6 acres on a pressurized system. The home to the north irrigates about 0.4 acres on a drip line and a sprinkler gun. The permit authorizes 0.09 cfs for domestic and irrigation use within the NWSE of Sec 09, T06N, R02E. ArcMap tools and aerial imagery, supported by photos taken during the field exam, were used to verify the area of irrigation and domestic use. No amendment required to correct the legal description of the POU.

Pump and motor information was never provided by the applicant. Using department standards of 0.03 cfs per acre as described in AP memo 17 for irrigation of small acreages and following Processing Memo #22 recommends a rate of 0.06 cfs for two homes. The recommended license flow rate for domestic use is 0.06 cfs and 0.03 for irrigation. Making a total license recommendation of 0.09 cfs.

Condition 103 replaced condition 121 per department standards. Conditions 26A and 01M were removed at licensing. Condition R65 was updated to reflect the 0.03 cfs per acre as R69. Condition 132 replaced WB5. Conditions 046 was carried forward to the license.

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	0.06 CFS	1.2 AF
IRRIGATION	03/15 to 10/31	0.03 CFS	4.5 AF

Totals: 0.09 CFS 5.7 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

Marcelina Riddle - Water Resource Agent

Field Examiner's Name

Marcelina Riddle

Date

10/20/25

Reviewer

[Signature]

Date

10/20/2025

DELIVERY SYSTEM DIAGRAM

Water Right No. 65-23857



IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 00-82744

Drilling Permit No. 891447

Water right or injection well # _____

2. OWNER: Katherine + Joshua Dace

Name Katie + Josh Dace

Address PO Box 430

City Horseshoe Bend State Id Zip 83629

3. WELL LOCATION:

Twp. 6 North ☒ or South ☐ Rge. 2 East ☒ or West ☐

Sec. 9 1/4 NW 1/4 SE 1/4

Gov't Lot _____ County Boise

Lat. 43 ° 52 : 22 6 (Deg. and Decimal minutes)

Long. 116 ° 13 : 36 9 (Deg. and Decimal minutes)

Address of Well Site County Bypass Road

City Horseshoe Bend

Lot. 14A Blk. _____ Sub. Name Webster Ranch #3

(Give at least name of road + Distance to Road or Landmark)

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>60</u>	<u>1150 lbs</u>	<u>Pour</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
<u>6"</u>	<u>+2</u>	<u>318</u>	<u>250</u>	<u>STC1</u>	☒	☐	☐	☒
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 318'

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 6" well cap

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 260 Static water level (ft) 260

Water temp. (°F) 70 Bottom hole temp. (°F) _____

Describe access port 6" well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>200</u>	<u>40</u>	<u>30 min.</u>

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments: _____

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>20</u>	<u>Decomposed granite</u>		☒
<u>10</u>	<u>20</u>	<u>60</u>	<u>CLAY</u>		☒
<u>6</u>	<u>60</u>	<u>100</u>	<u>CLAY</u>	☒	☒
<u>6</u>	<u>100</u>	<u>200</u>	<u>Soft clay</u>	☒	
<u>6</u>	<u>200</u>	<u>220</u>	<u>CLAY Blue</u>	☒	
<u>6</u>	<u>220</u>	<u>275</u>	<u>CLAY</u>	☒	
<u>6</u>	<u>275</u>	<u>285</u>	<u>CLAY</u>		☒
<u>6</u>	<u>285</u>	<u>310</u>	<u>CLAY</u>		☒
<u>6</u>	<u>310</u>	<u>500</u>	<u>CLAY Blue</u>	☒	

RECEIVED

SEP 30 2019

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 500'

Date Started: 9/14/19 Date Completed: 9/20/19

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 All State Drilling Co. No. 562

*Principal Driller Ray Jones Date 9-30-19

*Driller Ray Jones Date 9-30-19

*Operator II _____ Date _____

Operator I John Foster Date 9-30-19

* Signature of Principal Driller and rig operator are required.

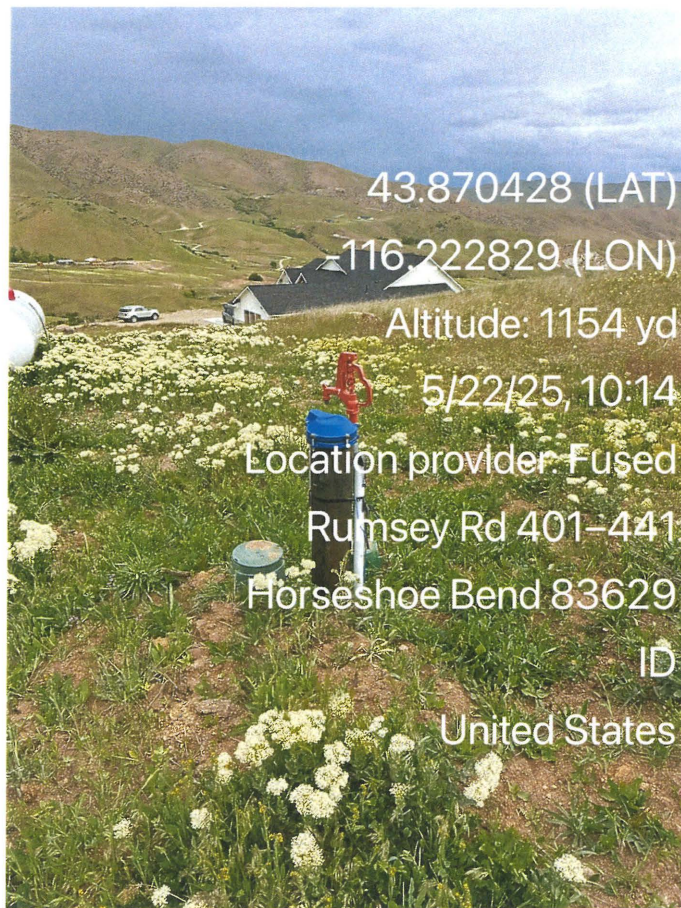


Fig. 1 – Location of well. Located in the NWSE QQ. View looking N.



Fig. 2 – Location of POD and buried pump. View looking S.

GPS'd at:

43° 87' N
 116° 22' W



Fig. 3 – Well tag labeled D0082744 which matches the well log provided by permit holder.



Fig. 4 – Domestic use for home 1 to the south of the POD.

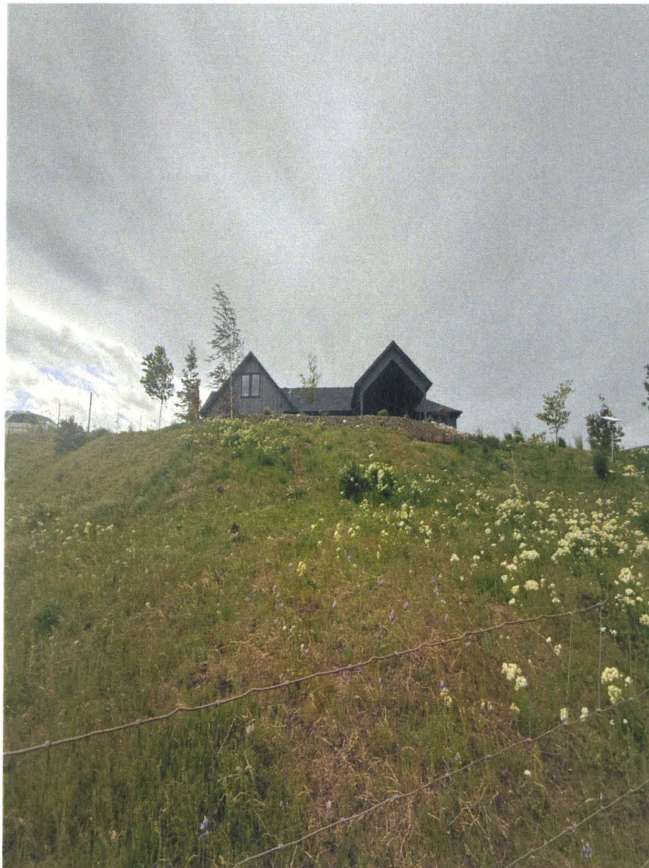


Fig. 5 – Developed permitted irrigable acres in the NWSE QQ. View looking south.



Fig. 6 – Irrigated acres within the NWSE QQ. View facing north.



Fig. 7 –Domestic use for home 2 to the north of the POD. View facing North at entrance of the driveway.



Fig. 8 –Drip line irrigation in the north area of the POU attached to the home in the north. View looking west.



Fig. 9 – Drip line irrigating fruit trees in the north area of the POU attached to the home in the north. View looking west.

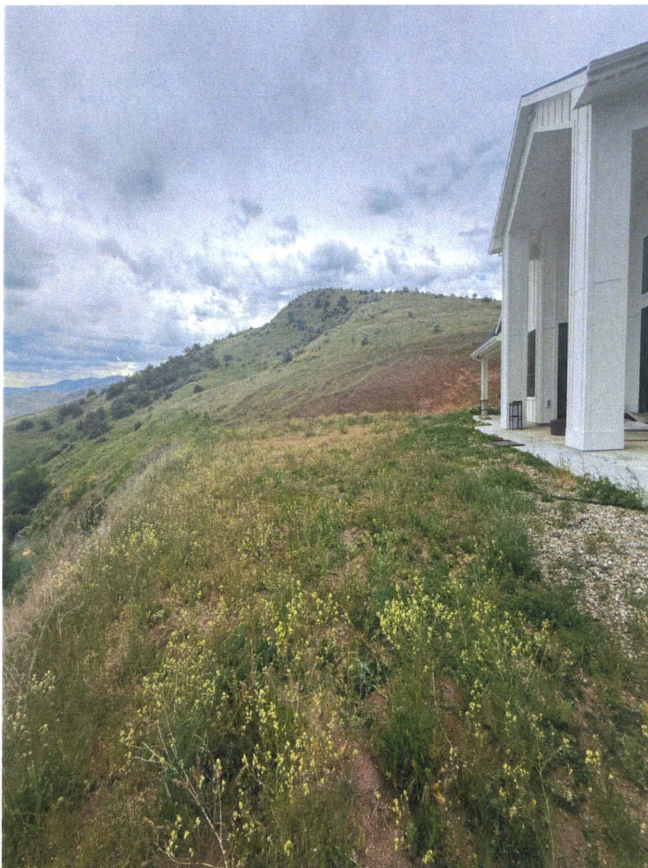


Fig. 10 – irrigation in the north area of the POU attached to the home in the north. View looking east.