

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

A. GENERAL INFORMATIONExam Date: 4/1/2026

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.q)? 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: N/A

2. Current Owner: Nick and Ashlie Johnson

Owner of Record Correct? X Y NAddress of Record Correct? X Y NIf No Explain: N/A

3. Beneficial Use Fees have been paid:
- X
- Y
- N
- Receipt No: C124836

4. Source: Tributary:
- Groundwater N/A

Method of Determination: GIS, Idaho Tax Parcel Data, and the Permit Holders Statement of Completion for Proof of Beneficial Use (Proof Statement).

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap ?
-
- Yes
- X
- N

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

Comments: There are no other Water Rights (WR) overlapping the permitted place of use (POU).

2. Other water rights with the same point of diversion: Overlap ?
-
- Yes
- X
- N

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

Comments: There are no other WR overlapping the permitted point of diversion (POD).**C. DIVERSION AND DELIVERY SYSTEM**

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater	4		SW	SW	31	47N	04W	B.M.	Kootenai

Method of Determination: GIS, Idaho Tax Parcel Data, and well log. The permit authorized the development of two wells within the same legal description. However, Department Well Records indicate only one well was developed.

Change in POD? Y X N Amendment Required? Y X N

2. Place of Use: Irrigation, Domestic, Stockwater

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
47N	04W	31											0.4, D, S						0.4
		Lot #											4						
Total Acres =																			0.4

Method of Determination: GIS, Idaho Tax Parcel Data, and 2025 NAIP Aerial Imagery.Change in POU? Y X N Amendment Required? Y X N

3. Diversion System Information:

Description: N/A

☐ Delivery System Diagram Attached. (mark all major components and distances between components)☒ Aerial Photo indicating the location of the recommended POD and POU.☒ Aerial Photo Attached (required)☐ Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*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						

2. Measurement Comments: No measurement is required for permits qualifying for an in-office examination according to the IDAPA Beneficial Use Examination Rules.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: According to Administrative Application Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs/acre. According to Administrative Application Processing Memo #22 the standard diversion rate for a single home and shop is 0.04 cfs. There are no Department diversion rate standards for mixed livestock. I recommend the standards for range cattle be used as a substitute. According to Administrative Application Processing Memo #3 the standard diversion rate for 50 mixed livestock is 0.02 cfs. I am recommending a diversion rate of 0.04 cfs for domestic use, 0.02 cfs for stockwater, and 0.01 cfs for irrigation or 0.07 cfs total.

(0.4 confirmed acres of irrigation) * (0.03 cfs/acre) = 0.012 or 0.01 cfs rounded.

Administrative Application Processing Memo #3 Standard = 0.02 cfs
 Administrative Application Processing Memo #17 Calculation = 0.01 cfs
 Administrative Application Processing Memo #22 Standard = 0.04 cfs
 Permit allowed = 0.09 cfs
Total Recommendation = 0.07 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.4 \text{ acres}) \times (3.0 \text{ af/acre}) = 1.2 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.01 \text{ cfs}) \times (214 \text{ days}) \times (1.9835 \text{ af/day}) = 4.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.2 \text{ af}$$

2. Volume Calculations for Other Uses: According to the permit the irrigation normally included under domestic use is designated in a separate irrigation use. According to Administrative Application Processing Memo #22 the standard diversion volume for in-house domestic use for one home and shop is 0.6 af. The Department does not have diversion volume standards for mixed livestock. I recommend the standards for range cattle be used as a substitute. According to Administrative Application Processing Memo #3 the standard diversion volume for 50 mixed livestock is 0.7 af. I am recommending a diversion volume of 0.6 af for domestic use, 0.7 af for stockwater, and 1.2 af for irrigation or 2.5 af total.

G. PURPOSE OF USEIrrigation X Y N # Stock 50 Mixed Livestock Domestic # of Homes 1 and shop (internal use)Change in Purpose of Use? Y X NMethod of Determination: GIS, Idaho Tax Parcel Data, 2025 NAIP Aerial Imagery, and the permit holders Proof Statement.**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-office licensing examination. The permit authorized domestic use for 1 home and shop, stockwater for 50 mixed livestock, and the irrigation of 1.0 acres. According to 2025 NAIP Aerial Imagery Domestic use for one home and shop, stockwater, and the irrigation of 0.4 acres was developed during the permit development period. The permit authorized the development of two wells within the same legal description. However, Department Well Records indicate only one well was developed. According to the permit domestic use is for 2 homes but authorizes the diversion rate standard for 1 home. The permit holders application for permit indicates and 2025 NAIP Aerial Imagery confirmed domestic for one home and shop was developed. I recommend the diversion volume recommendation should be based on one home because the amount of additional beneficial use from a shop would be negligible and inclusive under the standard for one home. The Department does not have a diversion rate or volume standard for mixed livestock. I recommend the standards for range cattle be used as an alternative. The standards set in Administrative Application Processing Memos #3, 17, and 22 were utilized to make a diversion rate and volume recommendation. All conditions of permit approval have been met, and development of beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a 0.07 cfs diversion rate and 2.5 af diversion volume.

No conditions on the permit, in their current configuration, should remain on the license. Condition 132 should be updated to reflect actual domestic use developed, one home and shop not two homes. R66 should be changed to X31 because irrigation is less than 1 acre. X02 should be removed as is standard with licensing. Condition 046 should be removed because the permit holder had a well drilled meeting the drilling permit requirements of Idaho Code § 42-235 and applicable Well Construction Rules of the Department. Condition 004 should be removed because Idaho Tax Parcel Data confirmed there are no legal access concerns to the POD or POU.

Have conditions of permit approval been met? X Yes No**I. RECOMMENDATIONS**

1. Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	04/01-10/31	0.01 CFS	1.2 AF
Domestic	01/01-12/31	0.04 CFS	0.6 AF
Stockwater	01/01-12/31	0.02 CFS	0.7 AF
<u>Totals:</u>		0.07 CFS	2.5 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**J. AUTHENTICATION**Field Examiner: **Skyler Cheever – Water Resource Agent, Sr – State Office**Field Examiner's Date 4/11/2024Reviewer Date 4/2/2026

Field Exam Map

Map showing the authorized point of diversion (yellow point), irrigation place of use (orange outline), and domestic/stockwater place of use (green outline).



IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 86527

Drilling Permit No. 890771
Water right or Injection well # _____

2. OWNER:

Name Joshua & Monica Wold
Address 1984 Tumbleweed Circle
City Hayden State ID Zip 83835

3. WELL LOCATION:

Twp. 47 North ☒ or South ☐ Rge. 4 East ☐ or West ☒
Sec. 31 1/4 SW 1/4 SW 1/4

Gov't Lot _____ County Kootenai
Lat. 47 ° 22.038N (Deg. and Decimal minutes)
Long. 116 ° 53.687W (Deg. and Decimal minutes)
Address of Well Site 1/2 mile down county line rd on right
City Worley
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 ft³)	Placement method/procedure
bentonite	0	-38	1050 lbs	pour around pipe

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	-38	2.50	steel	☒	☐	☐	☒
4"	-15	-345	sch 40	pvc	☐	☒	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) -38ft georocfor shoe

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method skillsaw

Manufactured screen ☐ Y ☐ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
-75	-335	1/4x8	210	4"	pvc	sch 40

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
none				

11. FLOWING ARTESIAN:

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

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 100 ft Static water level (ft) -10 ft
Water temp. (°F) cold Bottom hole temp. (°F) _____

Describe access port welded cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
10gpm airlift	from 345 ft	1.5 hrs

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments: cold and clear/no odor

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
10"	0	3	topsoil		X
	3	16	grey clay		X
	16	24	broken tan shale		X
	24	42	soft tan shale		X
6"	42	46	broken grey shale		X
	46	76	soft grey shale		X
	76	127	medium grey shale	X	
	127	134	soft brown shale		X
	134	143	soft orange shale		X
	143	232	medium grey shale		X
	232	345	hard grey shale with quarts	X	
			2 gpm at 100 ft		
			10 gpm total at 260 ft		

RECEIVED

NOV 06 2020

IDWR/NORTH

Completed Depth (Measurable): 345 ft

Date Started: 11-3-20

Date Completed: 11-4-20

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 Interstate Drilling LLC Co. No. 689

*Principal Driller [Signature] Date 11-5-20

*Driller Austin [Signature] Date 11-5-20

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.