

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
BENEFICIAL USE FIELD REPORT

**A. GENERAL INFORMATION**

**Permit No:** 78-12506  
**Exam Date:** 1/24/20

1. Current Owner:  
PETER B GRINDE PO BOX 1558 MCCALL ID 83638 AND  
CYNTHIA J GRINDE PO BOX 1558 MCCALL ID 83638
2. In-office qualification (IDAPA 035.01.r): Total diversion rate  $\leq$  0.24 cfs and not irrigation or storage
3. **SOURCE:**  
GROUND WATER

**Method of Determination:** Information given on permit, supported with aerial imagery and digital PLSS map.

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

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

Comments: There are no water rights that share POU.

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

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

Comments: No POD overlap

**C. DIVERSION AND DELIVERY SYSTEM**1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE¼ NE¼, Sec. 16, Twp 19N, Rge 01E, B.M. ADAMS County

**Method of Determination:** GPS on well log validated by PLSS data and mapping.

**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	
19N	01E	16	X			X													

**Method of Determination:** Map of property submitted by land owner identifies POU clearly. PLSS data through ArcMap also verified.

3.
  - N/A 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.
  - X Aerial Photo Attached (required for irrigation of 10+ acres).
  - N/A 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**

This exam qualified for an in-office exam so no flow measurements were taken.

**E. FLOW CALCULATIONS**

Measured Method:

0.04 cfs per standards

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation: N/A
2. Volume Calculations for Other Uses: Domestic use is limited to 13,000 gallons per day by conditions of the permit.

**G. NARRATIVE/REMARKS/COMMENTS**

The field exam was conducted in-office January 24, 2020 by Kate Huelse.

The permit 78-12506 was assigned to Peter B. and Cythina J. Grinde. on December 6, 2019 and authorized the diversion of 0.04 cfs from groundwater for domestic use for 1 home in Section 16, Township 19 North, Range 01 East, NE 1/4, SW1/4 NE1/4. The proof of beneficial use was submitted at the same time on December 6, 2019 by Peter B. and Cythina J. Grinde. Current Adams county taxlot data represents Mr. and Mrs. Grinde own the land pertinent to the place of use and point of diversion. Based on the information provided in the water right file, this qualifies for an in office field exam.

Groundwater comes from a well drilled in 2006. Application indicates well drilled by Robert Dawson in 2006. A well log was found on a property description on application. GPS coordinates 44: 59: 269, 116: 19: 956 from log place well on property.

As per the application, the system diverts water using a pump to serve one home. As a result, I am recommending 0.04 cfs for domestic purposes and shall not exceed 13,000 gallons a day identified by condition 071. Overlap review found no additional water rights for the POU and POD.

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

**H. RECOMMENDATIONS****1. Recommended Amounts**

<b>Beneficial Use</b>	<b>Period of Use</b>	<b>Rate of Diversion</b>
DOMESTIC	01/01 to 12/31	0.04 CFS

**Totals:** 0.04 CFS

**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** Kate Huelse - Water Resource Agent

Field Examiner's Name

Kate Huelse

Date

1/27/20

Reviewer






Patricia Kelly

Date

1-27-2020

State of Idaho  
Department of Water Resources  
**Beneficial Use In Office Field Report**  
78-12506



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.035 0.07 0.14 Miles



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Form 238-7  
6/02

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

222355

1. WELL TAG NO. D 0047258  
DRILLING PERMIT NO. \_\_\_\_\_  
Water Right or Injection Well No. \_\_\_\_\_

2. OWNER:  
Name Edgar Zimmerman  
Address 8864 Rim Road  
City Nampa State ID Zip 83686

3. LOCATION OF WELL by legal description:  
You must provide address or Lot, Blk, Sub. or Directions to well.  
Twp. 19 North ☒ or South ☐  
Rge. 1 East ☒ or West ☐  
Sec. 16 SE 1/4 NE 1/4 NE 1/4  
Gov't Lot \_\_\_\_\_  
Lat: 44 59:269 Long: 116:19:956  
Address of Well Site WEST PINE  
City new meadows  
County Adams  
L.I. 8 Blk. \_\_\_\_\_ Sub. Name WEST PINE

4. USE:  
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation  
☐ Thermal ☐ Injection ☐ Other \_\_\_\_\_

5. TYPE OF WORK check all that apply (Replacement etc.)  
☒ New Well ☐ Modify ☐ Abandonment ☐ Other \_\_\_\_\_

6. DRILL METHOD:  
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other \_\_\_\_\_

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	36	750	pour

Was drive shoe used? ☒ Yes ☐ No Shoe Depth(s) 311+  
Was drive shoe seal tested? ☐ Yes ☒ No How 5 1/2" bit passing 140mm concentric

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6.6	+125	311+250	311	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Length of Headpipe \_\_\_\_\_ Length of Tailpipe \_\_\_\_\_  
Packer ☐ Y ☐ N Type \_\_\_\_\_

9. PERFORATIONS/SCREENS PACKER TYPE  
Perforation Method Saw Slot - vertical at 2' x 6"  
Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
279	298	3/32	60	6.6	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
cuttings	36	299		wash in from top

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:  
126 ft. below ground Artesian pressure \_\_\_\_\_ lb.  
Depth flow encountered \_\_\_\_\_ ft. Describe access port or control devices: \_\_\_\_\_

844496  
Office Use Only  
Well ID No. 414662  
Inspected by \_\_\_\_\_  
Twp \_\_\_\_\_ Rge \_\_\_\_\_ Sec \_\_\_\_\_  
1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
Lat: \_\_\_\_\_ Long: \_\_\_\_\_

12. WELL TESTS:  
☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min.	Drawdown	Pumping Level	Time
60	N/A	228	5 hrs
60		250	

Water Temp. 47 Bottom hole temp. 47  
Water Quality test or comments: Somewhat cloudy - may need a sand backwash filter  
Depth first Water Encounter 260

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	5	Soil		
10	5	8	Broken Rock & clay		
10	8	48	Basalt		
8 1/2	48	83	Basalt		
8 1/2	83	110	Fract Rock & clay		
	110	115	med-Hard Basalt		
	115	137	Fract Rock & clay		
	137	140	Basalt		
	140	145	Broken		
	145	161	Basalt		
	161	177	Fractured w/ clay?		
	177	239	med Hard Basalt		
	239	280	Boulders - clay - cinders		X
	280	296	med Basalt w/ Fract		X
	296	299	Red Filled Lava & cinders		X
	299	311	Basalt		X

RECEIVED  
OCT 11 2006  
WATER RESOURCES  
WESTERN REGION

Completed Depth 311 (Measurable)  
Date: Started 9-22-06 Completed 10-3-06

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 Rob Dawson, Inc Firm No. 589  
Principal Driller Pat Dawson Date 10-8-06  
and  
Driller or Operator II \_\_\_\_\_ Date \_\_\_\_\_  
Operator I \_\_\_\_\_ Date \_\_\_\_\_

Principal Driller and Rig Operator Required.  
Operator I must have signature of Driller/Operator II.