

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 65-23443

Examiner: Cody Parker

Date: 01/10/2018

In-office qualification (IDAPA 035.01.r):

- ☐ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☒ Total diversion rate ≤ 0.24 cfs and not irrigation or storage

Current Owner Name: Marsters Subdivision

Address: 2800 Hwy 52, Payette, ID 83661

Beneficial Use Fee Paid: \$50

Receipt: W038976

Source: Ground Water

 Source change? ☒ N ☐ Y Change clarifies originally intended source.
 If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
08N	05W	12														X		

Method of Determination: Well report from backfile

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
08N	05W	12														X			

Method of Determination: 2013 aerial imagery, digital PLS map

POU change? ☒ N ☐ Y

Purpose of Use: Domestic

Purpose change? ☒ N ☐ Y

Method of Determination: 3 homes are seen in aerial imagery

Standard Season of Use: 01/01 to 12/31

Update required on license? ☒ N ☐ Y**Overlap Review**POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments: See narrative for discussionPOU overlap? ☒ N ☐ Y WR's:

Comments:

Diversion Rate

Permitted Rate: 0.10 cfs

BU Standard Limit: 0.10 cfs

BU Fee Limit: 0.20 cfs

Theoretical (optional): cfs

Recommended Total Div Rate: 0.10 cfs**Annual Volume**

For Irrigation: cfs x 1.9835 x days = af
 acres x af/ac (FHR) = af
 Smaller of two volumes = af

For other uses: Domestic: 2.4 afa per Admin AP Memo No. 22, does not include irrigation

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Domestic	01/01 to 12/31	0.10 cfs	2.4 afa

Totals

0.10 cfs

2.4 afa

Amendments Required☐ Change P.D.☐ Add P.D☒ None☐ Change P.U.☐ Add P.U.☐ Other:**Conditions:** No changesHave conditions of permit been met? ☒ Y ☐ N

Narrative: This permit authorizes the diversion of 0.10 cfs from groundwater for domestic use, which qualifies for an in-office exam. Proof was submitted on February 7, 2011. I completed the in-office exam on January 10, 2018.

There is record of one well drilled for the subdivision in the NWSE of Sec 12, T08N, R05W. The Proof of Beneficial Use gives a tag number for the well of D0057898. The well report in the backfile matches the tag number and gives the description of the well as the NWSE. The well is a 5-inch domestic well which was drilled to a depth of 200 ft.

Conditions of the permit clarify that the domestic use is for four homes in the subdivision which are located on lots 1-4. The domestic use does not include irrigation. From 2011-2015 aerial imagery, I am able to confirm that homes were built on lots 1, 3, and 4. Lot 2 does not appear to have been developed as of 2015. The proof indicates that domestic use has been developed for 4 homes and the ground on lot 2 appears to have been leveled. So, it is reasonable to assume that Lot 2 is "stubbed in" water despite its not having a home built on it. Therefore, it has been included in the place of use.

Per Admin AP Memo 22, the BU standard diversion rate for 4 homes is 0.10 cfs and the annual volume not including irrigation is 0.6 afa per home or 2.4 afa total.

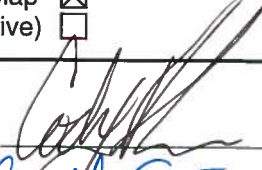
Right 65-21447 authorizes domestic use in the same QQ. However, the claim file for the right says that the place of use was located south of the irrigation canal, so there is no POU overlap. Another Right, 65-6430 is also listed as domestic use in this QQ, and is owned by Leo Marsters. There is no backfile available for this right either scanned or in microfilm. Therefore, I am assuming that there is no POU or POD overlap with that right. Similarly, right 65-6538 lists domestic use in the same QQ but there is nothing in the sparse backfile to suggest POU or POD overlap.

Workflow

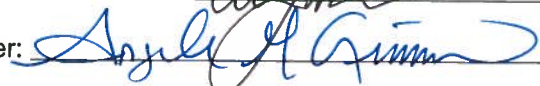
Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 FE Database (N: drive) ☐

Supporting Documents

Aerial Photograph ☒ Well Log ☒
 POU/POD Map ☒ Diagrams ☐
 LandSat ☐ Theoretical ☐
 Photographs ☐ Other: ☐
 Site Visit Date: ☐

AuthenticationField Examiner's Name: 

Date: 2-2-18

Reviewer: 

Date: 2-2-18

State of Idaho
Department of Water Resources

Attachment to Water Right License

65-23443

This map depicts the DOMESTIC place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

05W



0 0.035 0.07 0.14 Miles

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



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

840503

1. WELL TAG NO. D D0057898

Drilling Permit No. 911857-860503

Water right or injection well #

2. OWNER

Name Marsters Subdivision

Address 2800 Hwy. 52

City Payette State Id Zip 83661

3. WELL LOCATION:

Twp. 8 North ☒ or South ☐ Rge. 5 East ☐ or West ☒

Sec. 12 NE 1/4 NW 1/4 SE 1/4

Gov't Lot County Payette

Lat. 44° 27.83'N (Deg. and Decimal minutes)

Long. 116° 52.736'W (Deg. and Decimal minutes)

Address of Well Site 2808 Hwy. 52

City Payette

(Dist. at least 1000 ft. from nearest building or structure)

Lot 3 Blk. Sub. Name Marsters Subdivision

4. USE:

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

☐ Other

5. TYPE OF WORK check all that apply (Replacement etc.)

☐ 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)	Placement method/procedure
3/4 Bentonite	0	50	1550 lbs.	10" Overbore

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
5"	2	104	.258	Steel	☒	☐	☐	☒
5"	117	119	.258	Steel	☒	☐	☐	☒
5"	134	156	.258	Steel	☒	☐	☐	☒

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method

Manufactured screen ☒ Y ☐ N Type Johnson

Method of installation Sandpacked/Pullback

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
119	134	.020	15'	5"	Stainless	304
102	117	.020	15'	5"	Stainless	304

Length of Headpipe N/A Length of Tailpipe N/A

Packer ☐ Y ☒ N Type

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method
10/20 Sand	50	156	11800 lbs.	8" Overbore

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) Static water level (ft) 100'

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

Describe access port

Well test:

Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
140'	2.5 GPM	24 HRS.	☒	☐	☐	☐

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
10"	0	2	Top Soil		X
	2	15	Sandy Brown Clay		X
	15	32	Brown Clay		X
	32	38	Sand		X
	38	50	Brown Clay		X
	50	100	Blue Clay		X
	100	113	Sandy Blue Clay		X
	113	120	Blue Sand w/ Clay	X	
8"	120	130	Blue Clay w/ Sand	X	
	130	180	Blue Clay		X
	180	200	Sandy Blue Clay		X

RECEIVED

JAN 05 2011

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable) 156'

Date: Started 12/2/10 Completed 12/23/10

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 Dennis Phipps Well Drilling Inc. Co. No. 332

*Principal Driller Date 12/24/10

*Driller Date 12/24/10

*Operator II Date

Operator I Date

* Signature of Principal Driller and rig operator are required.

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-82 1/10/2011

No information to suggest overlap
Same QQ different use

[illegible]