

11/2016

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 65-13880

Examiner: CP

Date: 12/2/16

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: Peggy L Baker And Alvin R Baker

Address: 2650 NE 19th Ave. Payette, ID 83661

Beneficial Use Fee Paid: \$50.00 Receipt: C074337

Source: Groundwater 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
09N	05W	13												X				

Method of Determination: Application map, aerial imagery, digital PLS mapping. Entire taxlot falls in 1 QQ

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	
09N	05W	13												2.0					2.0

Method of Determination: Aerial imagery and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: Use apparent in aerial images

Standard Season of Use: 03/01 - 11/15

Update required on license? ☐ N ☒ YOverlap Review POD overlap? ☐ N ☒ Y WR's: 65-5947

Analysis Attached ☒ Comments: This is a domestic WR presumably using the same GW well. Notes on proof report seem to indicate it is the same well being used.

POU overlap? ☒ N ☐ Y WR's:

Comments: No other irrigation rights. Property is not served by ditch company

Diversion Rate Permitted Rate: 0.06 cfs BU Standard Limit: 0.06 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.06 cfs

Annual Volume

For Irrigation: 0.06 cfs x 1.9835 x 260 days = 30.9 af
 2.0 acres x 4.5 af/ac (FHR) = 9.0 af
 Smaller of two volumes = 9.0 af

For other uses: No other uses

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Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	03/01 - 11/15	0.06	9.0
Totals		0.06 cfs	9.0 af

Amendments Required

☐ Change P.D. ☐ Add P.D. ☒ None
☐ Change P.U. ☐ Add P.U.
☐ Other:

Conditions: Remove conditions 046 and 26A. Change 120 to 103 at licensing

Have conditions of permit been met? ☒ Y ☐ N

Narrative:

Permit 65-13880 authorized the diversion of 0.06 cfs for the irrigation of 2 acres. Total irrigated land is less than 5 acres, qualifying this permit for an in-office field examination. The field exam was completed on 12/02/16 by WRA Cody Parker.

I located this property using the legal description of the POU/POD from the permit. There are only two taxlots which comprise the entire QQ. The property associated with this permit occupies the southern 1/3 of the SESW QQ. The POD is a groundwater well for which there is no well log available. The legal description for the POD is the one provided on the application and the one indicated on the map provided by the landowner. This description must be accurate if the well lies on the current taxlot, because the taxlot is contained within a single QQ. The permit POD was previously located at the center of the QQ. I put the license POD to the south, so it would be on the correct taxlot. This location is also the area that had been indicated for the POD on the map provided with the application.

A note with the permit indicates that the owners intend to irrigate pasture from the existing domestic well. This "pasture" I have interpreted as the area to the west of the structures, separated by fence from the fields to the north. This area however, is ~2.75 acres while the permit calls for only 2 acres of irrigation. I have outlined the POU as the southernmost 2 acres of this pasture. It is difficult to tell from the aerial imagery in Arcmap that this land is being irrigated. The imagery in Google Earth better illustrates the irrigation use in this area (see attachment).

The diversion rate for the license is 0.06 cfs, which is the result of the BU standard (0.03 cfs/acre, per admin memo #19) multiplied by 2 acres. The total annual volume I have suggested is 9.0 af which is the limit from the headgate requirement of 4.5 af/acre.

The season of use on the permit is 03/15 - 11/15. The layer file in Arcmap indicates that the current season of use for this area is 03/01 - 11/15. Therefore, I have amended the season of use on the draft license to reflect the information from the layer file in Arcmap. The owner name connector was "And/Or" on the original application for permit; the connector was not listed on the permit, but was then later listed as "And" on the Proof Report. I have left the connector as "And" on the draft license, to reflect the proof report, which should represent the latest information received from the permit holders.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 Other:

Supporting Documents

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

Authentication

Field Examiners Name: Cody Parker

Date: 6/12/2017

Reviewer: Angela Quinn

Date: 6/7/2017

State of Idaho
Department of Water Resources

Map of POU/POD

65-15880 CP
67-15176

This map depicts the IRRIGATION 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



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

0 0.035 0.07 0.14 Miles



Bl. Ave



Image U.S. Geological Survey

Imagery Date: 8/4/2001

44°06'40.9

09N05W13

Basin/Section	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
65-13880	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X	2				2
65-23106	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-23305	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-11413	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-12279	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-165A	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-165B	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-165C	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-165X	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-2523C	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-2523E	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-4425	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-5947	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-7428	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-7848	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-7882	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-7885	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
65-9504	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
67-12315	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
67-14153	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
67-14153	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
67-14153	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					
67-14154	BAKER, ALVIN R;	BAIGROUND WATE	IRRIGATION		X			X	X	X	X	X	X	X	X					