

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-07876

Exam Date: 5/2/2016 &

several follow up visits

1. Current Owner:

GOLDEN SPRINGS RANCH HOMEOWNERS ASSN PO BOX 165 BLISS ID 83316

2. Accompanied by: George (Steve) Cole

Phone No: 208-720-8447

Address: PO Box 165, Bliss, ID 83316 *4*

Relationship to Permit Holder: Homeowner's Association President

3. SOURCE:

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: King Hill Irrigation District (surface water)
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L6 (NW¼NE¼) Sec. 18, Twp 06S, Rge 13E, B.M. TWIN FALLS County

Method of Determination:

GPS point at time of field exam.

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	13E	7									X L 5			X L 5			X L 5		
06S	13E	17										X L 5	X L 4						
06S	13E	18		X L 6	X L 5	X L 5									X				

Method of Determination:

Aerial photography and taxlot information.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

Aerial Photo Attached (required for irrigation of 10+ acres).

Photo of Diversion and System Attached

SCANNED
NOV 23 2016

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-07876
Exam Date: 5/2/2016 &
several follow up visits

1. Current Owner:

GOLDEN SPRINGS RANCH HOMEOWNERS ASSN PO BOX 165 BLISS ID 83316

2. Accompanied by: George (Steve) Cole

Phone No: 208-720-8447

Address: PO Box 165, Bliss, ID 83316

Relationship to Permit Holder: Homeowner's Association President

3. SOURCE:

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: King Hill Irrigation District (surface water)
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L6 (NW¼NE¼) Sec. 18, Twp 06S, Rge 13E, B.M. TWIN FALLS County

Method of Determination:

GPS point at time of field exam.

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	13E	7									X L 5			X L 5			X L 5		
06S	13E	17										X L 5	X L 4						
06S	13E	18		X L 6	X L 5	X L 5									X				

Method of Determination:

Aerial photography and taxlot information.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
1:24,000 or greater.

Aerial Photo Attached (required for irrigation of 10+ acres).

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
A0017793	N/A				2 inch line

*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. Measurements: A measurement is not required for domestic use if the diversion rate does not exceed 0.24 cfs according to the new Beneficial Use Examination Rules. The IDWR standard rate for domestic use for 15 homes is 0.18 cfs.

E. FLOW CALCULATIONS

Measured Method: N/A

_____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: IDWR standards of 0.6 AF for each stubbed in lot within the Subdivision. 15 frost free hydrants were found at the time of field exam. (15 hydrants X 0.6 AF= 9.0 AF)

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

On April 13, 1983, application for permit was filed for the diversion of up to 2.0 cfs for recreation, heating and fish propagation uses associated with a subdivision. An extension of time was filed on May 30, 1989 to finish developing the system and Proof of beneficial use was filed on June 28, 1990. During the initial exam I met with George Cole who reported that 10 lots were developed. At a later date (after the initial licensing exam was prepared) Mr. Cole contacted the Department and indicated he found additional development bringing the total to 15 stubb-ins for the Subdivision. A follow up exam confirmed the additional development.

The system consists of an Artesian Well that services lots 1-13 within the Golden Springs Ranch Subdivision. The original application was filed for geothermal water but the well (2000+ ft. deep) never

produced hot water. Although the permit was approved for recreation, heating and fish propagation uses associated with the Golden Springs Ranch Subdivision that is not what was developed. After discussion with Allen Merritt, it was decided that each lot could eventually include a home and should at least benefit from the IDWR Standards for in-house domestic use. Proof of Beneficial Use was filed for 13 homes but during development Lots 3 and 4 were split making 15 Lots available. At the time of the field exam 8 homes had been developed with 7 undeveloped lots being stubbed-in to frost free hydrants. A total of 15 frost free hydrants were found to be stubbed-in to service the Golden Springs Ranch Subdivision. An Amendment was filed by the Homeowners Association changing the recreation, heating and fish propagation components for the license to in-house domestic use and correcting the place of use to reflect the 15 Lots within the subdivision. I am recommending a flow rate of 0.18 cfs with a volume of 9.0 AF for domestic in-house use, which is the IDWR standard for 15 lots within a subdivision. (see above notes and calculations)

Note, the areas along the river are described by government lots. The quarter-quarter lines were projected to best describe the legal descriptions for the place of use in the Workflow data entry and for the new license.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.18 CFS	9.0 AF
	<u>Totals:</u>	0.180 CFS	9.00 AF

2. Recommended Amendments

<u> </u> Change P.D. as reflected above	<u> </u> Add P.D. as reflected above	<u> </u> None
<u> X </u> Change P.U. as reflected above	<u> </u> Add P.U. as reflected above	<u> </u> None

I. AUTHENTICATION

Field Examiner's Name Jana Reeder

Date 11/17/16

Reviewer _____

Date _____

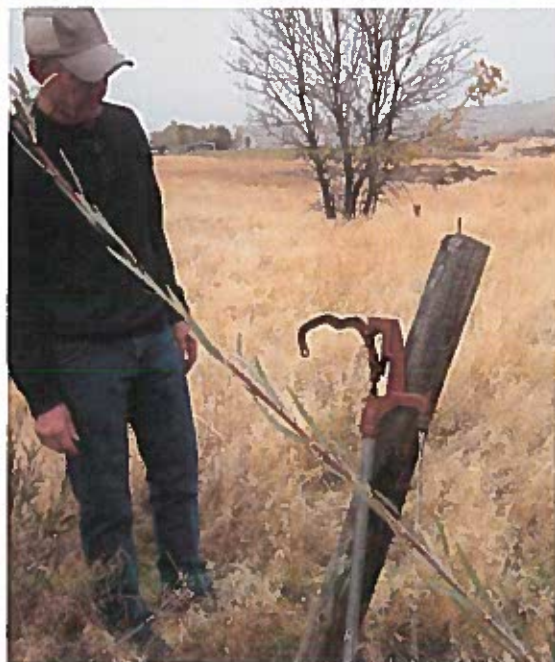


Artisan
Well





7 frost free hydrants on 7 empty lots



Water flowing at the end of the line on most southern lot.

