

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7390

Exam Date: 9/14/2012

1. Current Owner: TERRY LIECHTY
4156 N 2100 E
PRESTON ID 83263
2. Accompanied by: Terry Liechty
Phone No:
Address: Same as above.

3. SOURCE

GROUND WATER

TRIBUTARY**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Property is within the service area of Twin Lakes Canal Co., Nelson Ditch Co., and Preston Riverdale and Mink Creek Canal Co.
2. Other water rights with the same point of diversion: None

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

GROUND WATER SW1/4SE1/4 Sec. 30, Twp 14S, Rge 40E, B.M. FRANKLIN County

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
14S 40E 30															1.0		1.0

Total Acres: 1

DOMESTIC same as IRRIGATION

Method of Determination:

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

D. FLOW MEASUREMENTS

1. Measurements: No measurement possible.

E. FLOW CALCULATIONS

Measured Method:

_____Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses:

1 home domestic use (in-house culinary) = 0.6 acre-feet

1 acre of irrigation = 3.5 acre-feet

Total Volume = 4.1 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

Well to one home and outside irrigation. Yard was not watered during 2012. However, previous aerial photography shows entire one-acre property irrigated in the past. Proof of beneficial use states irrigation was only on one acre, even though permit listed two acres. License will be issued for one acre of irrigation.

Have conditions of permit approval been met? ☒ 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	0.040 CFS	0.60 AF
IRRIGATION	04/01 to 10/31	0.030 CFS	3.50 AF
<u>Totals:</u>		0.070 CFS	4.10 AF

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 ☐ Other

I. AUTHENTICATION

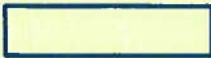
Field Examiner's Name James Cefalo Date 9/17/2012

Reviewer _____ Date _____

13-7390 (Liechty)



Legend

-  Water Right POD
-  Water Right POU
-  Township/Range
-  Sections
-  QQ

0 100 200
Feet



