

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 25-14238

Exam Date: 6/11/2012

1. Current Owner: CAMERON WHEELER
PO BOX 335
RIRIE ID 83443
(208)538-7355

2. Accompanied by: CAMERON WHEELER, LYLE SWANK

Phone No:

Address:

Relationship to Permit Holder:

FIELD EXAM 2009 prior to application

3. SOURCE

TRIBUTARY

SPRING

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

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

SPRING

L3 SE1/4NE1/4NW1/4

Sec. 4, Twp 02N, Rge 41E, B.M.

BONNEVILLE County

Method of Determination:

GPS/AIR PHOTOS

2.

PLACE OF USE:

DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
03N 41E 32	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	X

PLACE OF USE:

STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
02N 41E 4	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	X
03N 41E 33																	X

underground
spring box

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

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

USE STANDARDS - 0.02 CFS

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:

home with LAWN = 1.2 AF

100 stock - 1.3 AF

$$100 \text{ cattle} \times \frac{12 \text{ gal}}{\text{cattle-day}} \times 365 \text{ days} \times \frac{\text{af}}{325850 \text{ gal}} = 1.3 \text{ af}$$

G. NARRATIVE/REMARKS/COMMENTS

spring box to stock troughs and one home.
spring area with no surface flow. trib to sinks.
use standard amounts.

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	0.020 CFS	1.20 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	1.30 AF
<u>Totals:</u>		0.020 CFS	2.50 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 DAVE CARLSON Date 6/11/2012

Reviewer _____ Date _____





POD-spring