

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 32-13234

Exam Date: 7/31/2012

1. Current Owner: BUREAU OF LAND MANAGEMENT
1387 S VINNELL WAY
BOISE ID 83709
(208) 373-3831
2. Accompanied by: None
Phone No:
Address:
Relationship to Permit Holder:

3. **SOURCE** **TRIBUTARY**
BOX SPRING SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 32-10224
2. Other water rights with the same point of diversion: 32-10224

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

BOX SPRING NE1/4NW1/4 Sec. 17, Twp 11N, Rge 28E, B.M. LEMHI County

Method of Determination: Site visit, GPS (-113.146373, 44.288379)

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
11N	28E	8		X										X					

PLACE OF USE: WILDLIFE

Twp	Rge	Sec	NE				NW				SW				SE				
			<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>	<u>Totals</u>
11N	28E	8		X										X					

Method of Determination: Site Visit

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****D. FLOW MEASUREMENTS**

1.

Measurement**Equipment****Type****Make****Model No.****Serial No.****Size****Calib. Date**

2. Measurements: Minimum flow, standard rate of 0.02 CFS given.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

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: 619 cattle x 12gpd = 7428 x 365 = 2711220/325850 = 8.4 AF, Misc wildlife use = 0.1 AF = TOTAL 8.5 AF

G. NARRATIVE/REMARKS/COMMENTS

This is all one system, one spring and three troughs. Water right 32-10224 only covers trough #1 (in the NENW of Sec. 17). Trough #1 and spring are located on Forest Service Property. Trough #2 & #3 are on BLM property and are covered under this water right.

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>
STOCKWATER	01/01 to 12/31	0.020 CFS	8.40 AF
WILDLIFE	01/01 to 12/31	0.020 CFS	0.10 AF
<u>Totals:</u>		0.020 CFS	8.50 AF

2. Recommended Amendments

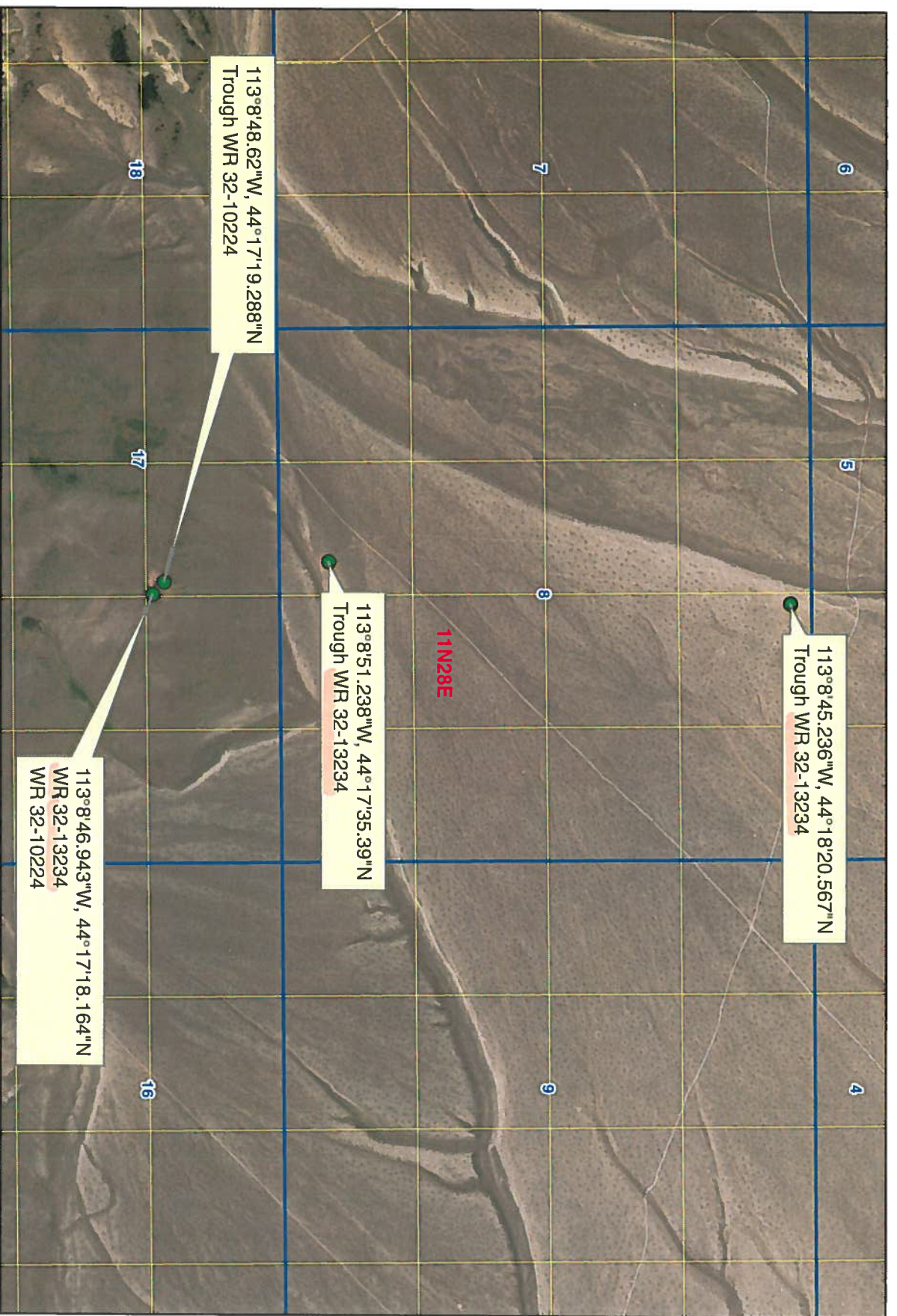
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Karin Mathews Date 7.31.12

Reviewer _____ Date _____

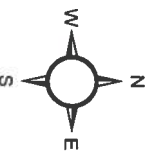


Water Permit 32-13234 - Field Inspection 7/31/2012

Township/Range

Sections

QQ



Field Exam July 32, 2012 – 32-13234



Spring head -113.146373, 44.288379



Trough 1 - -113.146839, 44.288691



Check Valve, -113.148144, 44.293849



Trough #2 -113.17566, 44.293164



Trough 3, -113.145899, 44.305713