

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 33-14860

Exam Date: 8/12/2014

1. Current Owner: US DEPT OF AGRICULTURE
FOREST SERVICE
SALMON-CHALLIS NATIONAL FOREST
1206 S CHALLIS ST
SALMON ID 83467
(208)756-5100
2. Accompanied by: None – In office Exam
Phone No:
Address:
Relationship to Permit Holder:

- | | |
|-------------------------|-------------------------|
| 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
| SPRING | SINKS |

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 33-10221 (Stockwater)

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

SPRING SE1/4SE1/4NW1/4 Sec. 12, Twp 08N, Rge 25E, B.M. BUTTE County

Method of Determination: Aerial Photography

2.

<u>PLACE OF USE:</u>		STOCKWATER																	
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>	
08N	25E	12			X														

Method of Determination: Aerial Imagery

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
 ___x___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
 ___x___ Aerial Photo Attached (required for irrigation of 10+ acres).
 _____ Photo of Diversion and System Attached

4.

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

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>						
<u>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: None – Standard stockwater rates

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: $1662 \times 12\text{gpd} \times 214 \text{ days} = 4268016/325825 = 13.1 \text{ AF}$ *****Volume limited by diversion rate **8.5 AF****G. NARRATIVE/REMARKS/COMMENTS**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	04/01 to 10/31	0.020 CFS	8.5 AF
	<u>Totals:</u>	0.020 CFS	8.5 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 Kevin Matthews Date 8.12.14

Reviewer James Cefalo Date 8/14/14

