

Permit No: 74-7389

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STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 74-7389

Exam Date: 9/4/2014

1. Current Owner: ALLAN PROBST  
KARLA PROBST  
1748 LEMHI RD  
SALMON ID 83467  
(208)756-2194
2. Accompanied by: Allan Probst  
Phone No: (208)756-2194  
Address: 1748 Lemhi Road  
Relationship to Permit Holder: Permit holder

3. SOURCE

SPRING

TRIBUTARY

LEMHI RIVER

**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 NE1/4SE1/4SW1/4 Sec. 32, Twp 20N, Rge 24E, B.M. LEMHI County

Method of Determination: Garmin GPS

2.

PLACE OF USE: 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> |        |
| 20N | 24E | 32  |           |           |           |           |           |           |           |           |           |           |           | X         |           |           |           |           |        |

Method of Determination:

3. x 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).
- x Photo of Diversion and System Attached

4.

Well or Diversion  
ID No.\*

Motor MakeHpMotor Serial No.Pump Make

Pump Serial No. or Discharge  
Size

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

**D. FLOW MEASUREMENTS**

1.

**Measurement**

| <u>Equipment</u>                 | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| 5 gallon bucket and a stop watch |             |             |                  |                   |             |                    |

**E. FLOW CALCULATIONS**

\_\_\_\_\_ Additional Computation Sheets Attached

Measured Method:

Measurements:

2 minutes 26 seconds (156 seconds)

$$\frac{156}{60} = \frac{5}{x} \quad 1.92 \quad 1.92/448.8 = 0.004 \text{ cfs}$$

Recommended Rate: 0.01 cfs**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: No 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:

120 cow / calf pairs @ 12 gallons/day

$$240 \times 12 \times 365 = 1,051,200 \text{ gallons}$$

$$1,051,200 / 325,851 = 3.26 \text{ AF}$$

Recommended Volume 3.26 AF**G. NARRATIVE/REMARKS/COMMENTS**Have conditions of permit approval been met? \_\_\_\_\_ Yes ☒ No

Condition 1 instructed the permit holder that construction of works and application of water to beneficial use was to have been submitted on or before July 1, 2000. On February 11, 2000 the Department issued an order stating that 'developing a water right under the terms of the permit is not authorized until the Department specifically authorizes resumption of work.' The Salmon-Clearwater Moratorium and Wilderness Moratorium were rescinded and the Department received proof on July 26, 2006.

**Narrative**

The spring located in T20N R24E Section 32 SESW supplies water to cattle. It delivers a steady flow year around. A 20 foot long manifold buried at the springs about 100 feet deep feeds a 1 inch perforated pipe. From the spring the buried pipe flows down hill approximately 300 feet to the west to two watering troughs, one 500 gallons, the other 700 gallons. These troughs provide water for 120 cow calf pairs.

The permit includes a domestic component for a house in T20N R24E Section 31 NESE. The Probsts never developed the domestic portion of the permit. A well supplies water for the house, which is located to the west, northwest of the stock water troughs. The house is roughly 0.57 miles to the northwest of the spring.

**H. RECOMMENDATIONS****1. Recommended Amounts**

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| STOCKWATER            | 1/01 to 12/31        | 0.010 CFS             | 3.3 AF               |
|                       | <u>Totals:</u>       | 0.010 CFS             | 3.3 AF               |

Conversion

**2. Recommended Amendments**

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

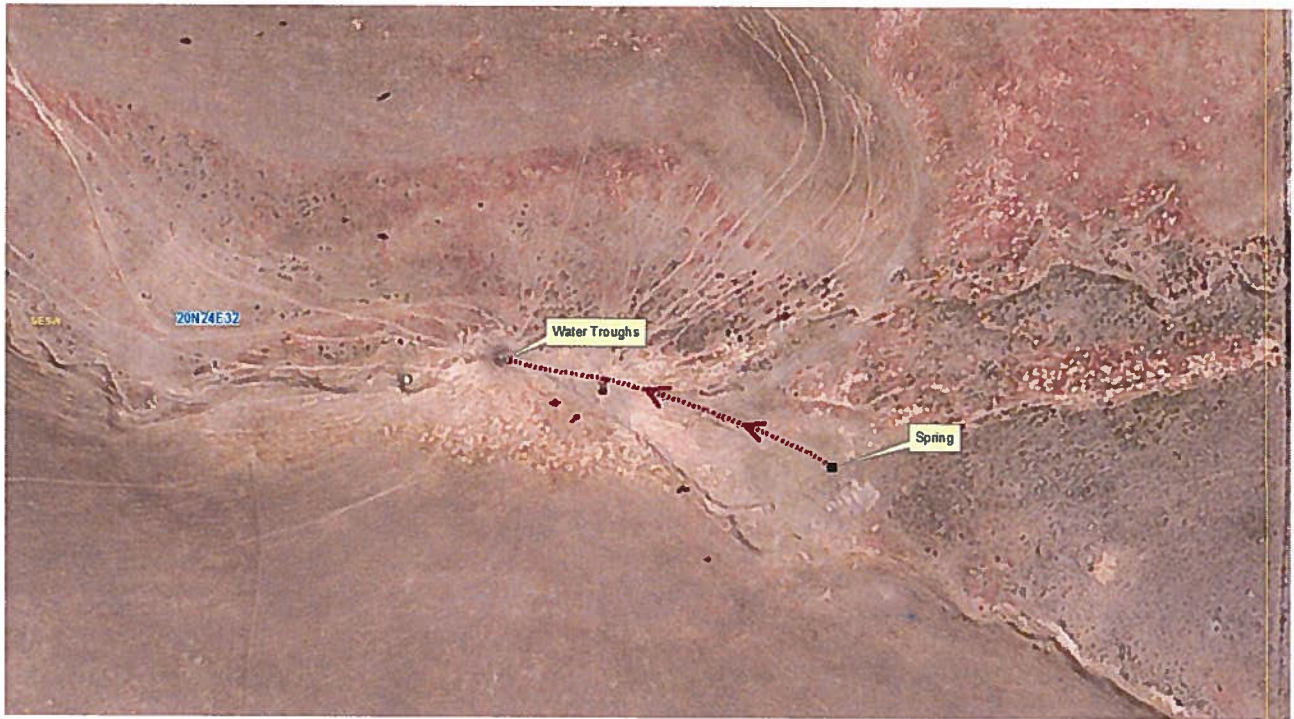
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

**I. AUTHENTICATION**

Field Examiner's Name Sam Thil Date 6/10/2015

Reviewer \_\_\_\_\_ Date \_\_\_\_\_ 0 \_\_\_\_\_

## System Diagram for Water Right 74-7389



The spring located in T20N R24E Section 32 SESW supplies water to cattle. It delivers a steady flow year around. A 20 foot long manifold buried at the springs about 100 feet deep feeds a 1 inch perforated pipe. From the spring the buried pipe flows down hill approximately 300 feet to the west to two watering troughs, one 500 gallons, the other 700 gallons. These troughs provide water for 120 cow calf pairs.

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PHOTOGRAPHER AND DATE OF PHOTOS Sandy Thiel, , 2014  
FILE NUMBER 74-7389

