

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7566

Exam Date: 9/17/2014

1. Current Owner: HIGH DESERT ENTERPRISES LLC
2150 OLD HORNET RD
COUNCIL ID 83612
(208)599-3409

2. Accompanied by: Terry Andrade

Phone No:

Address:

Relationship to Permit Holder: General Partner

3. SOURCE

SPRING

TRIBUTARY

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: None

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

SPRING

SW1/4SE1/4

Sec. 22, Twp 13S, Rge 40E, B.M.

FRANKLIN County

Method of Determination: GPS location taken at spring box.

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13S	40E	22															X		

Method of Determination: On-site field inspection and aerial photography.

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).

__X__ 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>
Spring box					

*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: Not required for this permit. System appeared adequate to deliver quantity on permit.

E. FLOW CALCULATIONS

Measured Method: N/A

____ 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:

G. NARRATIVE/REMARKS/COMMENTS

A field exam was needed in order to determine the location of the point of diversion and place of use because this was not evident based on the aerial photography alone. The system consists of a spring box which collects water from a spring. The water is piped about 40 feet into a collection box and is then conveyed to a stock trough and two stock ponds. At the time of the exam, the spring was not flowing, but there was water remaining in the upper pond. Mr. Andrade indicated that the average depth of the upper pond is about 6 feet, and that the lower pond averaged about 4 feet deep. The volume of the two ponds combined is estimated to be 1.0 AF. This right is used in conjunction with 12 other rights for the same herd of 1000 range cattle.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

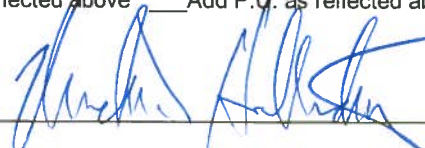
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	03/01 to 11/01	0.040 CFS	
<u>Totals:</u>		0.040 CFS	

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  Date 10/7/2014

Reviewer _____ Date _____



SPRING BOX



COLLECTION
BOX



UPPER POND

TROUGH



LOWER
POND





Idaho Department of Water Resources

Water Right
13-7566
(STOCKWATER)

● Point of Diversion

□ Place of Use

□ State Outline

□ Townships

□ PLS Sections

□ Quarter Quarters



Franklin County
IDWR Basin 13

Prepared by Holliday, Michael

2009 Aerial Photography

40E



13S

SWSE

22

