

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 11-7840
Exam Date: 8/25/2020

1. Current Owner:
LYNN SWENSON AND NATALIE SWENSON
PO BOX 242
SPANISH FORK, UT 84660

2. Accompanied by:
KIM NATE
Relationship to permit Holder:
RANCH ASSISTANT

3. SOURCE:
SPRING

Tributary
SINKS

Method of Determination: Field exam

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO

2. Other water rights with the same point-of-diversion: NO

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:
SPRING NE¼ SW¼ NE¼, Sec. 30, Twp 12S, Rge 46E, B.M. BEAR LAKE County

Method of Determination: Field exam, GPS & GIS

PLACE OF USE: STOCKWATER

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12S	46E	30			X														

Method of Determination: Field exam & GIS

D. FLOW MEASUREMENTS

1. Measurements: No direct measurement was possible based on the system configuration. A measurement is not required for Stockwater use with a combined diversion rate less than 0.24 cfs.

E. FLOW CALCULATIONS

From "Field Examiner's Handbook" Exhibit 15: For 200 head of cattle: $Q = 0.04$ cfs => Greater than permitted rate

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses:

From "Field Examiner's Handbook" Exhibit 15: For 200 head of cattle: $V = 2.7$ acre-feet

G. NARRATIVE/REMARKS/COMMENTS

The development consisted of a small collection device ("spring box") located at the emergence of the spring. From the spring box water enters a short (<100 foot) 2 inch buried plastic pipe flowing to a single water trough. Overflow from the trough is redirected through another 2 inch buried plastic pipe. The entire system is located within the general vicinity of the point of diversion indicated on the map.

The terminus of the overflow pipe was not located; however, it did not appear the water was being used anywhere else. The permit owner's representative reported that only one trough is filled by the spring. The system was developed for 200 head of range cattle.

At the time of this exam the spring was not producing any measurable flow; it essentially emerged and sank in the same general location. There was no evidence that the spring ever connects to any other surface water sources.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
STOCKWATER	01/01 to 12/31	0.02 CFS	2.7 AF

Totals: 0.02 CFS 2.7 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 ☒ None

I. AUTHENTICATION

Brian Normandeau - Engineer, Associate

Field Examiner's Name:

Brian Normandeau

Date: 1/11/2021

Reviewer

James Cefalo

Date

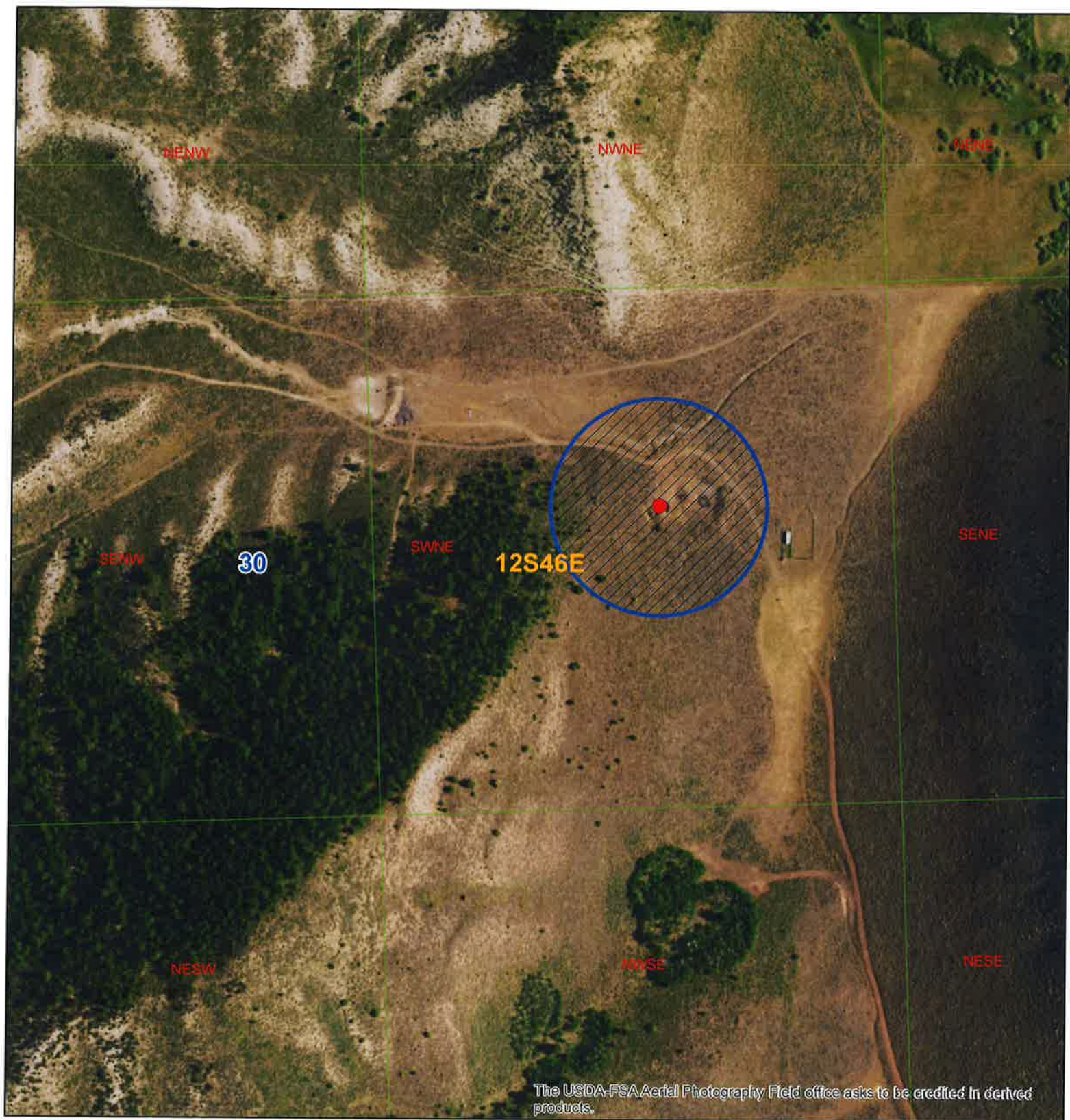
1/12/21



Photo 1: View of the point of diversion. Although difficult to photograph due to dense vegetation, the spring & spring box are located within the fenced-off area.



Photo 2: View of the trough filled by the spring shown in the previous photo, depicting the locations of the inflow and overflow pipes. The spring is visible in the background, indicated by the white arrow.



Legend

- Point of Diversion
- ▨ Place of Use
- ▭ Township/Range
- ▭ Sections
- ▭ QQ

0 230 460 920 Feet

1 inch = 333 feet

