

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-23546
Exam Date: 12/12/2019

1. Current Owner:
ROGER F BEAL PO BOX 56 OLA ID 83657-0056
2. In-office qualification (IDAPA 035.01.r):
Total diversion rate ≤ 0.24 cfs and not irrigation or storage

3. **SOURCE:**
SPRING

Tributary
LITTLE SQUAW CREEK

Method of Determination: Aerial imagery, digital PLSS map, photographs

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments: No POU overlap.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: No POD overlap.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRING NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 12, Twp 10N, Rge 02E, B.M. VALLEY County

Method of Determination: Aerial imagery, digital PLSS map, map provided by permit holder

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	
10N	02E	12									X								

Method of Determination: Aerial imagery, digital PLSS map

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A	N/A	N/A	N/A	N/A	N/A

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: In-office field exam so flow measurement was not taken.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method:

Admin AP Memo no. 3 recommends a diversion rate of 0.02 cfs for 26 to 50 range cattle. The proof submitted indicates stockwater use 50 range cattle. Therefore, 0.02 cfs is recommended for licensing.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

Admin AP Memo no. 3 recommends a volume of 0.7 af/yr for 26-50 range cattle. The proof submitted indicates stockwater use for 50 range cattle. Therefore, 0.7 afa is recommended for licensing.

G. NARRATIVE/REMARKS/COMMENTS

This permit authorizes the diversion of 0.02 cfs for stockwater use in Valley County. The point of diversion and the place of use were confirmed with aerial imagery and digital PLSS maps and no changes have been made to either. The permit holder is the property owner at the place of use according to current tax lot data.

Water is diverted from a spring to a stock tank via a pipe according to the applicant. The permit holder provided pictures of the point of diversion which shows water flowing from the spring through a pipe and into a stockwater trough. There is evidence of stock present in the pictures from the mudding surrounding the troughs. The permit holder also verified the spring location on a high resolution satellite image provided by the Department since he did not have access to any GPS device.

The point of diversion is within water district 65A and therefore the use of water for this right after June 15 requires approval of the watermaster. According to Admin AP Memo no. 3, the standard diversion rate for stockwater use for 50 range cattle is 0.02 cfs, which was the maximum rate allowed by the permit. A diversion rate of 0.02 cfs is recommended for licensing. The recommended annual volume was taken from Admin AP memo no. 3 and is recommended at 0.7 af, the rate for 50 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>Rate of Diversion</u>	<u>Annual Volume</u>
STOCKWATER	01/01 to 12/31	0.02 CFS	0.7 AF

Totals: 0.02 CFS 0.7 AF

2. Recommended Amendments

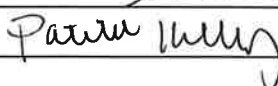
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

Tyler Smith - Water Resource Agent

Field Examiner's Name  Date 1/29/2020

Reviewer  Date 1-30-2020

Re:

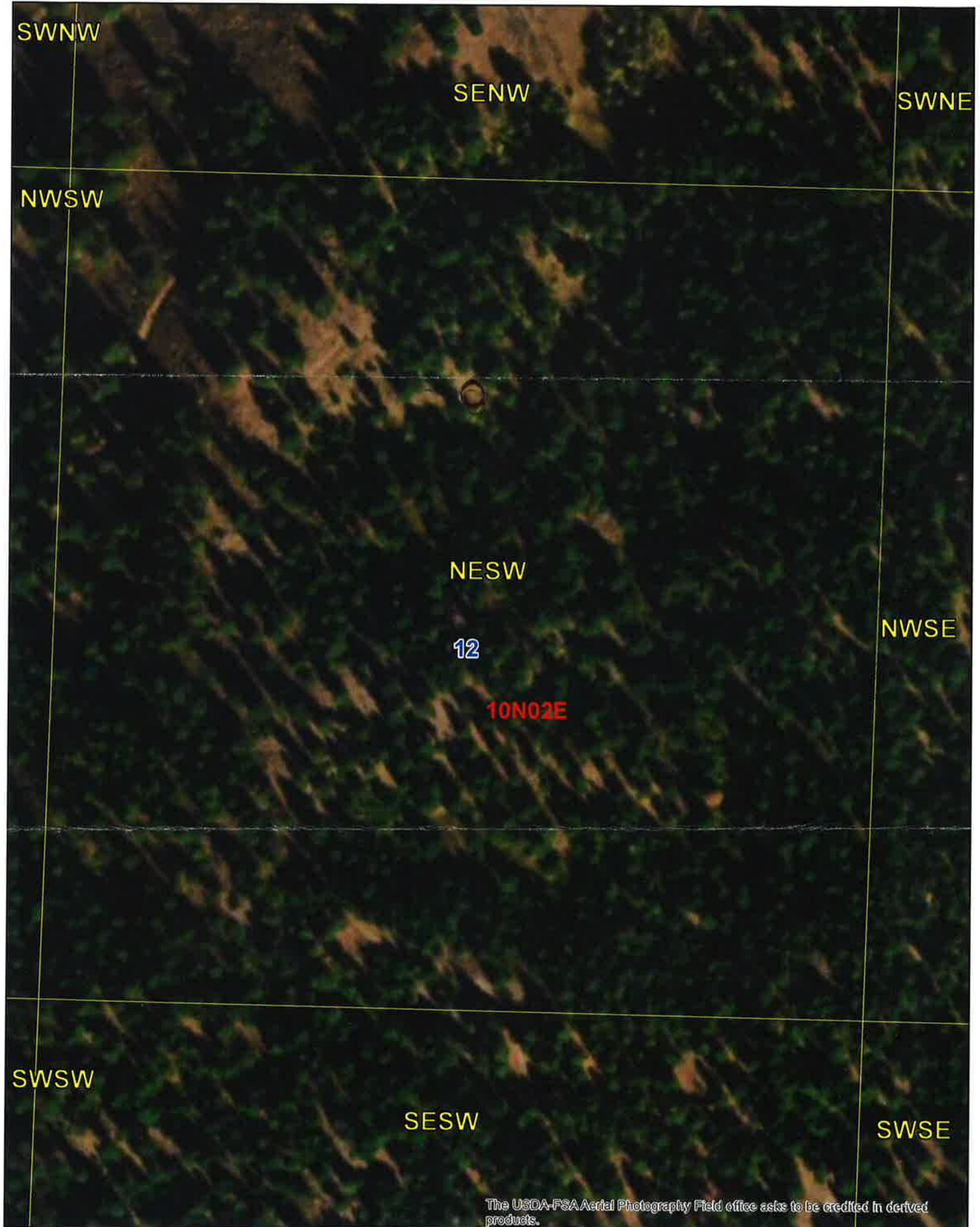
Water Quality - 65-33596 + 6
Enquired about the GPS maps
sent for marking location
I sent the photo. Had to
communicate with you
I did call your office for
the photo kept ringing "no
message" in Spanish

Sincerely

Logan J

208-584-3593

Permit to Appropriate Water 65-23546



RECEIVED

JAN 13 1966

DEPARTMENT OF
WATER RESOURCES

Enclosed are the pictures your department requested for renewing licensing on permits 64-23546 and 65-23547. These were requested before Christmas, but I had to get them copied.

Thank you

Roger F. Seal

208-584-3593









State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

January 7, 2020

COPY

ROGER F. BEAL
PO BOX 56
OLA, ID 83657

Re: Water Permit 65-23546 & 65-23547

Dear Permit Holder:

Your permits to appropriate water numbers 65-23546 and 65-23547 are currently being reviewed for their beneficial use. Due to the nature of these permits, they qualified for in-office exams. This means that no beneficial use field exam need be conducted if certain aspects of the beneficial use can be verified.

As per our phone conversation on December 19, 2019, you were made aware that the spring locations used as points of diversion for both of these permits needs to be verified in order for licenses to be issued. You mentioned that you do not have any forms of GPS, therefore a detailed map has been included with this letter for you to mark the **exact** locations that the point of diversion springs have been developed for stockwater purposes. Photos of the springs should also be included if possible to aid in the licensing process.

Please make the necessary amendments to the maps and re-submit (with photos if possible) within the next thirty (30) days. If IDWR does not receive your written response within thirty (30) days, the permits may begin the process of being voided. You may receive future correspondence regarding more specific details of your application. IDWR forms and other information are available on the Internet at www.idwr.idaho.gov. Please consult the IDWR website or contact this office at 208-334-2190 and ask for me if you have any questions about the necessary information.

Sincerely,

Tyler Smith
Water Resource Agent
Western Region

Enclosure: Maps for verification of spring locations

State of Idaho
Department of Water Resources
Attachment to Water Right License
65-23546

This map depicts the STOCKWATER place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.045 0.09 0.18 Miles



Beneficial Use Field Report

[illegible]

Department of Water Resources

Beneficial Use Field Report

BasinSeq	Owner	Source	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
65-12959	BAKER, CONS	SPRING												X				
65-12960	BEAL, ROGER	SPRING																
65-13026	BEAL, ROGER	LITTLE SQUAW CREEK	X													X		
65-13026	BEAL, ROGER	UNNAMED STREAM	X															
65-18301	BAKER, CONS	GROUND WATER		X														
65-18302	BEAL, ROGER	GROUND WATER														X		
65-22926	BEAL, ROGER	GROUND WATER				X												
65-22927	BEAL, DOROT	GROUND WATER	X															
65-23546	BEAL, ROGER	SPRING									X							