

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-8024
Exam Date: 9/17/2019

1. Current Owner:
DOYLE ELISON 1077 S GIRAFFE RD PRESTON ID 83263 AND
GLENDA ELISON 1077 S GIRAFFE RD PRESTON ID 83263
2. Accompanied by: Glenda Elison
Phone No: (208) 852-1627
Address: 1077 S Giraffe Rd Preston ID, 83263
Relationship to permit Holder: Owner

3. **SOURCE:**
SPRING

Tributary
SINKS

Method of Determination: Site visit

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

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

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
SPRING SW¼ SE¼, Sec. 28, Twp 15S, Rge 40E, B.M. FRANKLIN County

Method of Determination: Site visit and GPS

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	
15S	40E	33		X															

Method of Determination: Site Visit and GPS

3.

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

Water right rate of diversion is less than 0.24 cfs. No measurement is required, Q = 0.01 cfs.

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:

40 horse/cattle mix.

$$\frac{40 \text{ head} \times 12 \text{ gpd} \times 365 \text{ days}}{325,850 \text{ gallons}} = 0.5 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

Doyle and Glenda Ellison have one spring that has been developed to supply water to two stock water troughs for horses and range cattle. The spring box diverts water into a pipe that feeds the two troughs. Overflow from the trough percolates back into the ground naturally. The location of the spring and the watering troughs are represented accurately.

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>	
STOCKWATER	01/01 to 12/31	0.01 CFS	0.5 AF
Totals:		0.01 CFS	0.5 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 ☒ None

I. AUTHENTICATION Jared Adamson - Water Resource Agent

Field Examiner's Name Jared Adamson Date 10/16/2019

Reviewer [Signature] Date 10/30/2019

Spring Box



*Image of spring box submitted by permit holder in the Proof of Beneficial Use form. Spring box is the same spring box as shown in the Field Exam photo, taken 9/17/2019.

North Trough



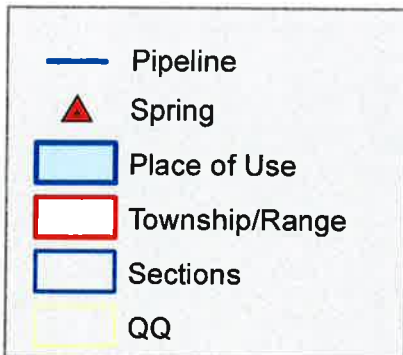
South Trough



13-8024



The USDA-PSA Aerial Photography Field office asks to be credited in derived products., Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community



0 200 400 800 Feet

