

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7966
Exam Date: 7/17/2020

1. Current Owner:

NORTHWEST FARM CREDIT SERVICES FLCA 102 N STATE ST STE 2 PRESTON ID 83263-1178 AND
CROSS ROADS PROPERTIES LLC 279 CHEYENNE CT OAKDALE CA 95361-3215

2. Accompanied by:

Phone No:

Address:

Relationship to permit Holder:

3. **SOURCE:**

SPRINGS

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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

SPRINGS L1 (SE¼ NE¼ NE¼), Sec. 1, Twp 14S, Rge 39E, 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	
14S	39E	1	X																
			L1																

Method of Determination: Site Visit and GPS

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 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:

The right diverted from the point of diversion does not exceed 0.24. No measurement taken.

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:

100 head range cattle

$$\frac{100 \text{ head} \times 12 \text{ gpd} \times 365 \text{ days}}{325,850 \text{ gallons}} = 1.3 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

A beneficial use field exam was performed on July 17, 2020 to identify the location of the spring and the place of use for Cross Roads Properties LLC. Upon arrival to the location a water trough was easily identified. The trough was built from a

large tire and a 1 inch pipe supplying water to the trough. No water was present inside the water trough. However, the trough appeared to have been in use sometime earlier in the year. The location of the spring was not easily identifiable. No running water was discovered. Near the location of the spring, as outlined on the permit, soil had been excavated. Some pipe material laid scattered nearby. After a phone discussion with Brett Reeder some time later, he had confirmed that the location of the spring was the same as the excavated area. According to Brett Reeder, his cousin had excavated the soil and removed the spring box because it had collapsed. The plan is to replace the spring box and reconnect it to the pipeline supplying the water trough. Brett also stated that the spring dries up around the beginning of June every year.

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>Volume</u>
STOCKWATER	01/01 to 12/31	0.02 CFS	1.3 AF

Totals: 0.02 CFS 1.3 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, Senior

Field Examiner's Name

Date

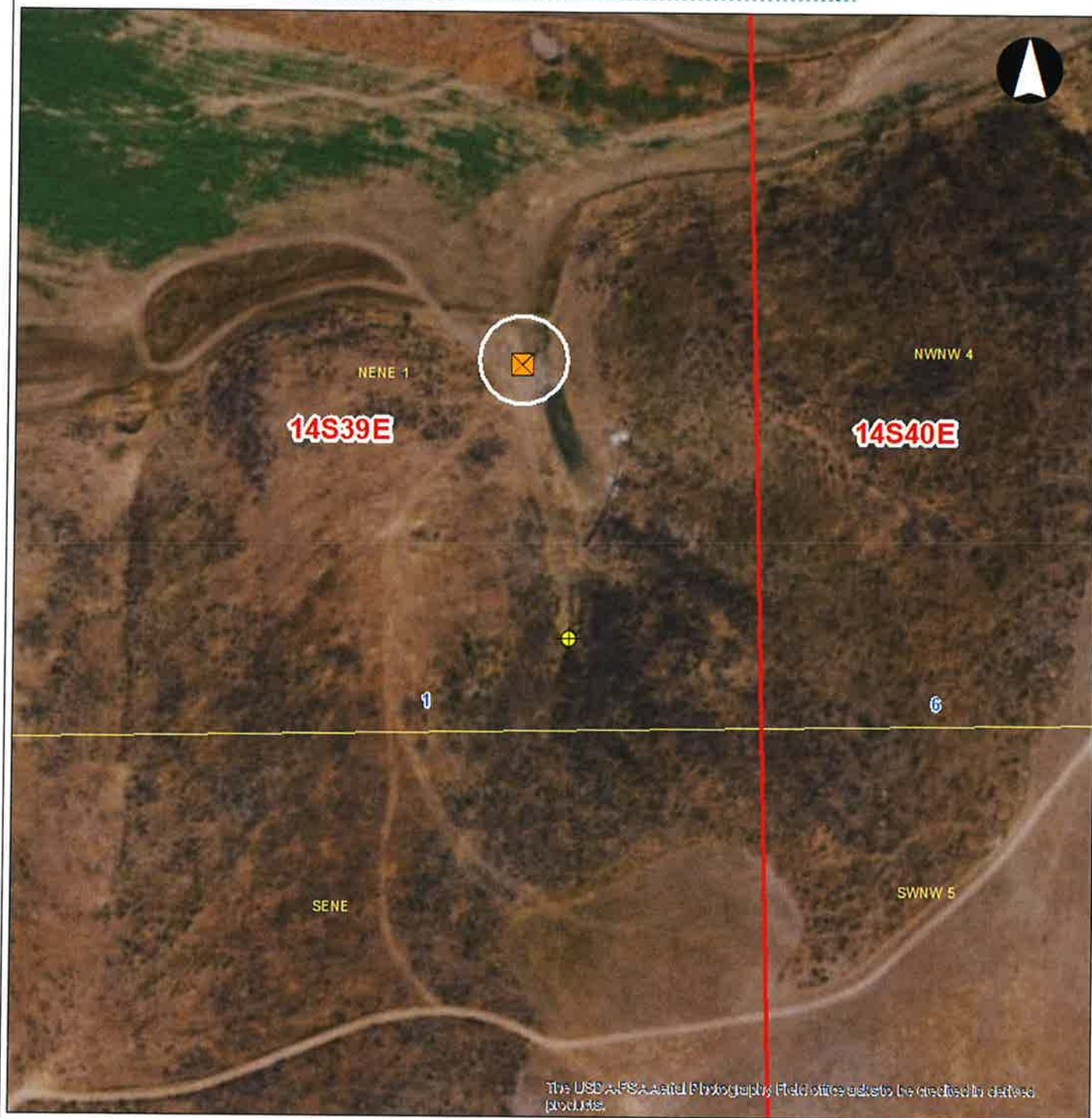
Reviewer

Date

8/24/2020

8/24/2020

13-7966 Beneficial Use Exam Map



- Spring
- Water Trough
- Place of Use
- Township/Range
- Sections
- QQ

0 125 250 500 Feet

Photos



Overall location, water trough in the foreground and the spring location in the background and up the hill.



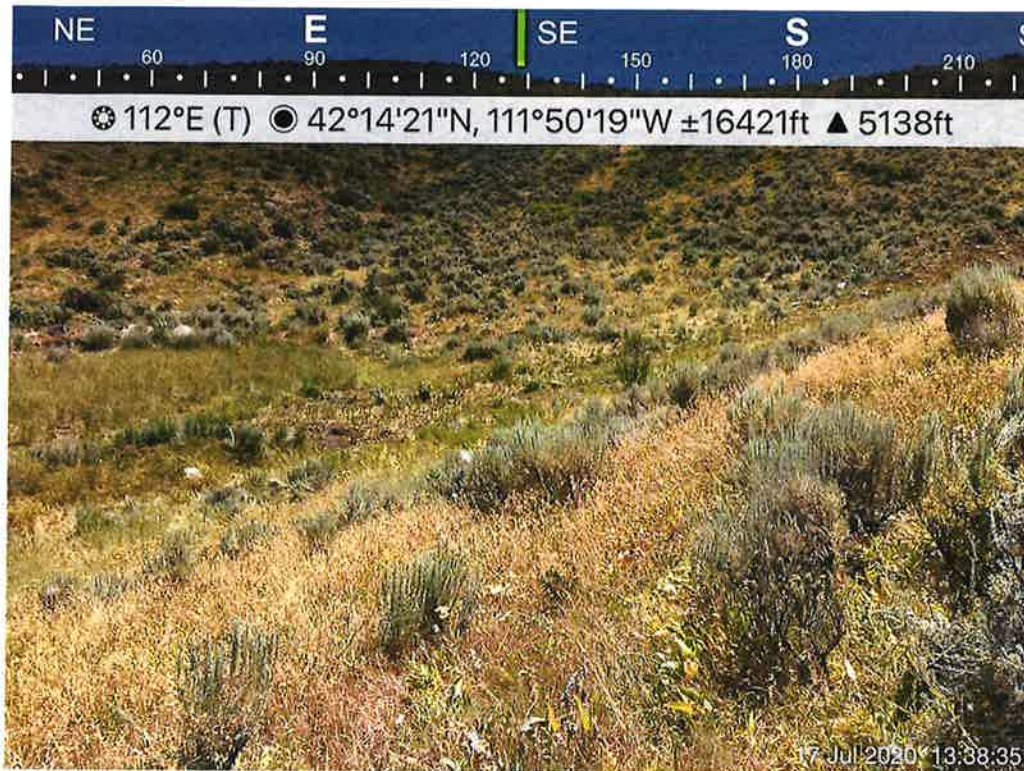
Water trough has a 1 inch pipe with a hole on each up and down pipe. One hole allows for water to flow into the trough, the other allows for over flow to flow out.



Location of excavated soil. Brett Reeder confirmed that this is the location of the spring. He says that the spring box had collapsed and plan on replacing it in the future.



View of the water trough from the spring location.



Grasses are greener in the lowest part of the draw compared to the grasses moving up in elevation along the spur. Possible indication that water was present. The spring location is visible to the very right of the photo.