

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 78-12190

1. Owner: Tony & Billie Cesario Phone No. (208) 628-0005

Current Address: PO Box 159 Richmond, VA 23549

2. Accompanied by: Tony Cesario EXAM DATE: 7-9-08

Address: SAME AS ABOVE Phone No SAME AS ABOVE

Relationship to Permit Holder:

3. Source: Unnamed Stream tributary to Hat Creek

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 78-4169 (T. Cesario stockwater, different POU, same POD?) — No Δ P.O.D.

2. Other water rights with the same point of diversion: N/A

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

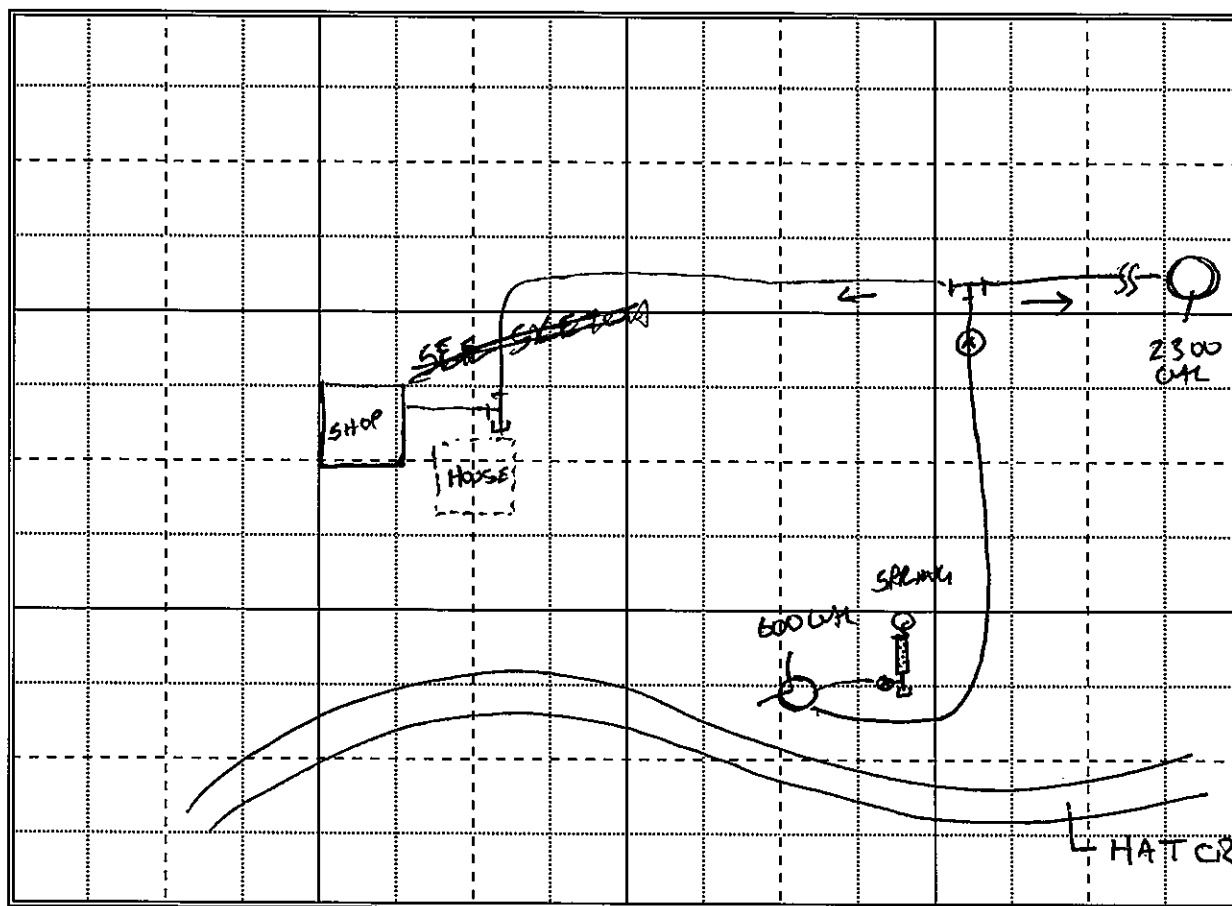
[illegible]

2. Place(s) of Use:

Indicate Method of Determination Aerial Imagery

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NTS

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

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

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
~~5 GAL BUCKET~~						
N/A						

2. Measurements:

~~5 GAL~~
~~45 S~~
~~BUCKET TEST~~

$$= (\cancel{0.11 \text{ GPM}}) \left(\frac{1}{\cancel{7.48}} \right) \left(\frac{1}{\cancel{60 \text{ S}}} \right) = \cancel{0.0002} \approx \cancel{0.01}$$

E. NARRATIVE/REMARKS/COMMENTS

10' LONG, 4" diam PERFORATED PIPE, W/ GRAVEL
PACK INSTALLED IN SPRINKER & DRAINS VIA 2" Ø POLY TO
A 600 GALLON STORAGE TANK. AT TIME OF FE APPLICATION
GUESTS HAD FROM TANK BY HAND AND HAULS IT TO SHOP &
TRAILER. IN NEAR FUTURE A PUMP WILL LIFT H₂O TO
UPPER, 2300 GALLON TANK, THAT WILL GRAVITY FEED TO
SHOP & FUTURE HOUSE.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

5 GALLON BUCKET FILLED IN 45 S

$$\left(\frac{1.48}{60\text{ s}}\right) \left(\frac{5\text{ Gall}}{45\text{ s}}\right) \left(\frac{1\text{ CF}}{7.48\text{ Gall}}\right) = 0.0003 \text{ CFS} \approx 0.01 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: ~~0.6~~ ^{0.6} Ac-Ft

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

Dom. In House ~~0.6~~ ^{0.6} Ac-Ft

Dom. IRR. 0.6 Ac-Ft

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Dom. House	1/1	12/31	0.01	0.6 ~~Ac-Ft~~ Ac-Ft
Dom. IRR.	1/2	12/31	0.01	0.6 ~~Ac-Ft~~ Ac-Ft

Totals: 0.01 1.2

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 MAT WEAVER Date 8/22/08

Reviewer _____ Date _____

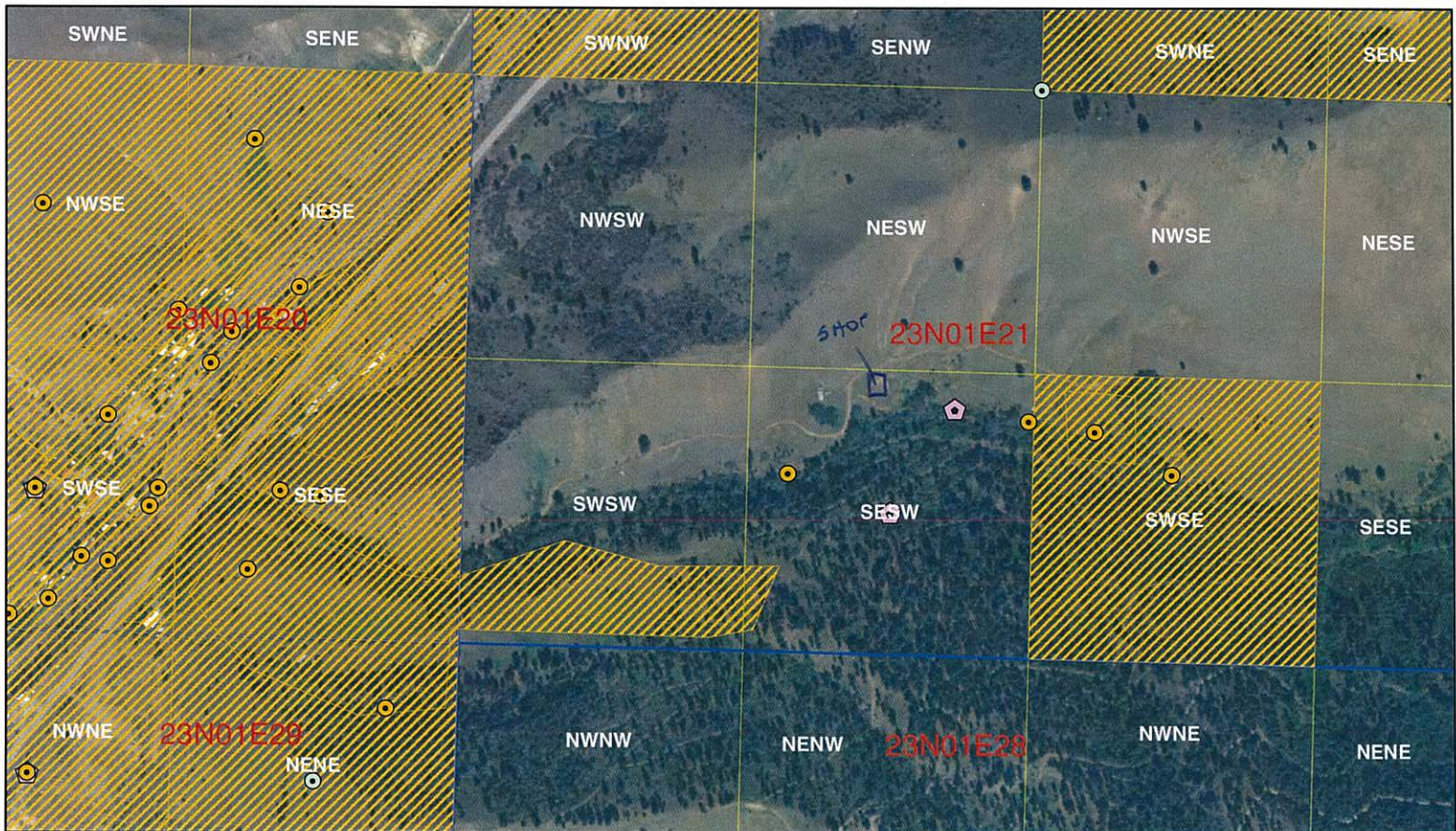
SEAL



Perforated drain pipe has been installed 10' "back" into the hill and spring. End of drain line is capped, line coming off of the "tee" fitting is valved and connects to a 2" poly line that drains to a 600 gallon tank. Gray pipe in lower right hand corner is actually a hand made "roto-roooter" auguring tool used to maintain the drain pipe in the spring.



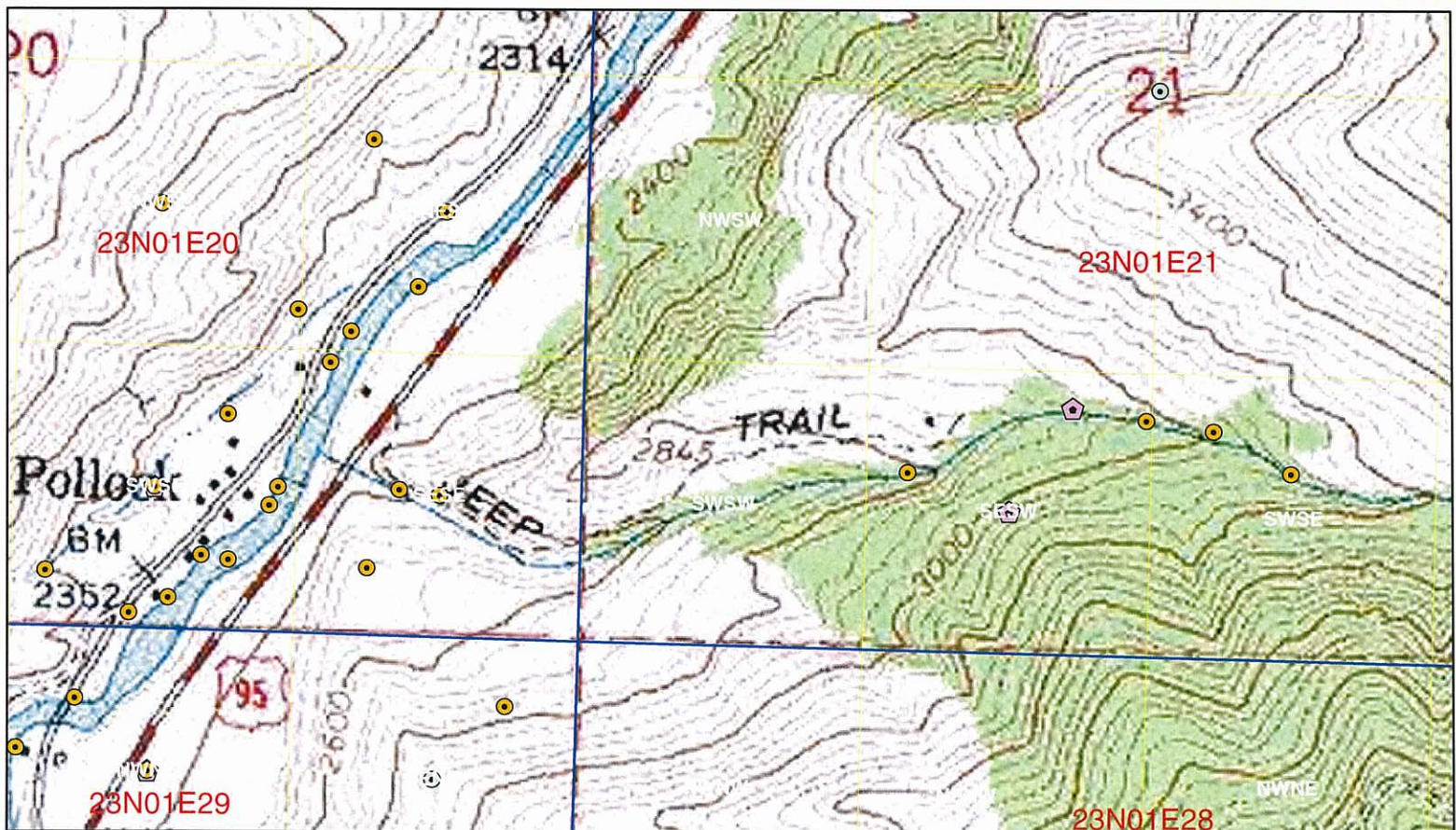
600 gallon domestic water storage tank. Currently water is manually carried from tank to house. Water user hopes to have a pump in place soon to lift water to house.



Legend

- Active Right POD
- ⬡ Permit POD
- ▨ Active Right POU
- ▨ Permit POU
- ▭ Township/Range
- ▭ Sections
- ▭ QQ

WR 78-12190
Field Exam Exhibit



Legend

- Active Right POD
- ⬠ Permit POD
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- ▭ Township/Range
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WR 78-12190
Field Exam Exhibit