

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 47-17705
Exam Date: 08/28/2025

1. Current Owner:
UNITED STATES OF AMERICA ACTING THROUGH USDA FOREST SERVICE
370 AMERICAN AVE JEROME ID 83338-6162
2. Accompanied by: N/A – Discussed system over phone with US Forest Service contact Braily Richins
Phone No: (208) 423-7545
Address: 370 American Ave, Jerome ID 83338-6162
Relationship to permit Holder: USDA Forest Service employee and permit contact

3. **SOURCE:**
GROUND WATER

Method of Determination: On-site inspection

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
47-2562	Elk Corral Spring	Domestic	Decreed
47-2564	Pettit Spring	Domestic	Decreed
47-4169	Porcupine Spring	Domestic	Decreed
47-7911	Ground Water	Domestic	Decreed
47-15210	Spring	Administrative	Decreed
47-17143	Porcupine Spring	Administrative	Decreed
47-17246	Porcupine Spring	Domestic	License
47-17247	Porcupine Spring	Domestic	License
47-17248	Porcupine Spring	Domestic	License

Comments: I have only included water rights with overlapping POU's with the same or a similar beneficial use. Several Stockwater right POU's with water diverted from either Rock Creek or Goose Creek also overlap with this rights POU, but it is unlikely they are actually utilized in the campground areas.

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER L4 (SW¼ SW¼), Sec. 30, Twp 14S, Rge 19E, B.M. CASSIA County

Method of Determination: On-site inspection.

PLACE OF USE: DOMESTIC

[illegible]

14S	19E	31	X					X L1											
14S	18E	24				X										X			
14S	19E	32					X	X	X										
14S	19E	30											X L4						

Method of Determination: on-site inspection.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X

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

X

1:24,000 or greater.

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
D0078064					

D. FLOW MEASUREMENTS – N/A, No measurement required.

1.

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

2. Measurements: No measurement required per IDAPA 37.03.02 Beneficial Use Examination Rules as the permitted flow rate of 0.04 cfs falls below the 0.24 cfs or greater flow rate requiring measurement.

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: N/A

F. VOLUME CALCULATIONS N/A, No volume reporting required.

1. Volume Calculations for irrigation: No 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: Domestic: Per IDAPA 37.03.02 Beneficial Use Examination Rules, Domestic uses as defined in Section 42-111, Idaho Code are exempt from the volume reporting requirement (Section 35 (j.ii) page 7).

G. NARRATIVE/REMARKS/COMMENTS

I called Braidy Richins on 8/18/2025 and discussed this permit with him. He indicated that the previous water system developed from Porcupine Springs for several of the campgrounds this right also covers was not providing consistent flow through the system and there were water quality concerns as well. So, the Forest Service decided to add a well to the system and stop using the springs as a water source. The well was drilled at Diamondfield Jack Campground and using a solar powered pump, the water is pumped up to a 15,000 gallon storage tank at porcupine springs. From there the water is distributed via gravity through two pipelines down to the campgrounds. One pipeline delivers water from the storage tank to Porcupine Campground and the other delivers water from the storage tank down to the Rock Creek Ranger Station (to two cabins, lawn and landscaping), Petit Campground, and Upper and Lower Penstemon campgrounds. There is a third waterline from the well that provides ground water directly to the spigots at Diamond field Jack Campground. During the field exam on 8/28/2025, I counted a total of twelve spigots at the campgrounds. The spigots are all threadless, which prevents campers from using a hose to connect to the water system.

Since this system replaces other water sources previously used at the campgrounds, overlap with other domestic water rights for the campgrounds should not be an issue. However, conditions have been placed on this right limiting all domestic use under the water rights to a combined 13,000 gallons per day.

Recommend licensing this right as permitted. All conditions have been satisfied.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	
DOMESTIC	05/15 to 10/31	0.04 CFS	

Totals: 0.04 CFS

2. Recommended Amendments

Change P.D. as reflected above Add P.D. as reflected above X None

Change P.U. as reflected above Add P.U. as reflected above X None

I. AUTHENTICATION Bill Mills - Water Resource Agent, Senior

Field Examiner's Name Bill Mills Date 9-4-2025

Reviewer Date



Figure 1: The well (center of picture)



Figure 2: The pump house



Figure 3: Top of 15,000 gallon storage tank



Figure 4: A Spigot at Porcupine Campground

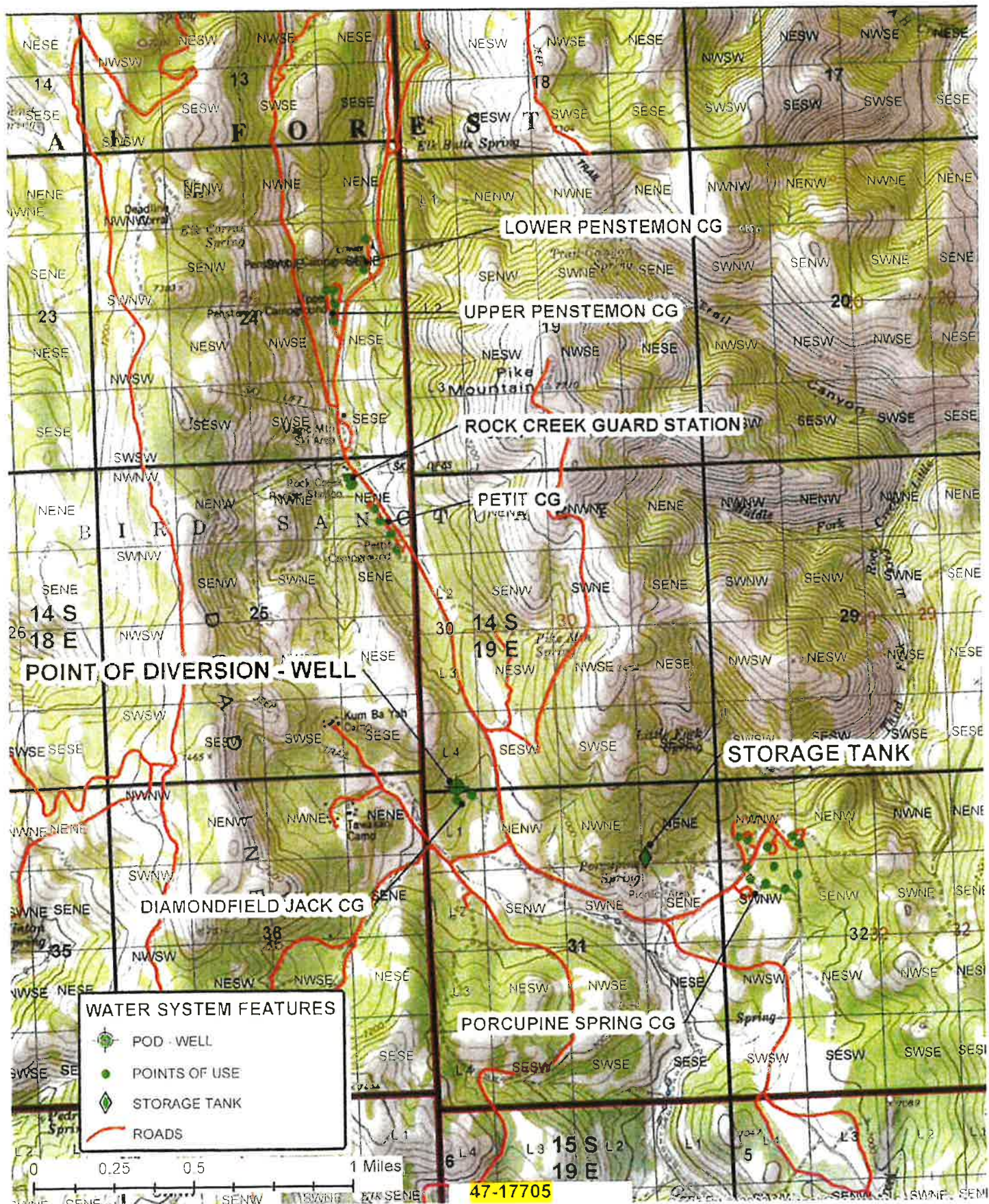


Figure 5: Typical spigot found at the other campgrounds



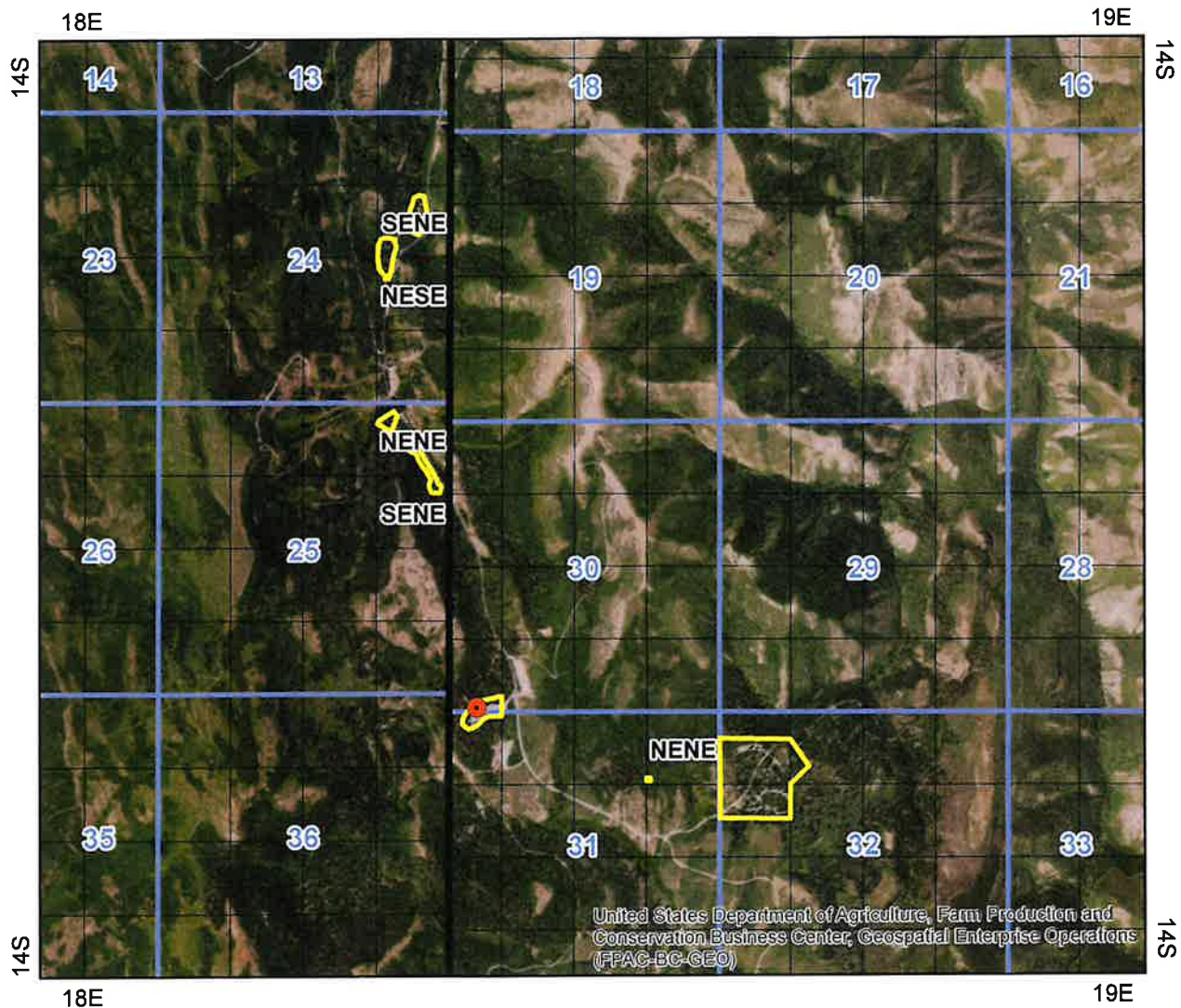
Figure 6: Rock Creek Guard Station (2 cabins)

DIAMONDFIELD JACK WELL & UPPER ROCK CREEK WATER SYSTEM



State of Idaho
Department of Water Resources
Water Right
47-17705

This map depicts the DOMESTIC place of use boundary and point of diversion location for this water right.



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

47-17705