

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 92-10024

Exam Date: 7/9/2009

1. Current Owner: WESLEY CASE
716 MAIN ST
SILT CO 61652
(206)245-1651
2. Accompanied by: WESLEY CASE
Phone No: 1-435-781-8555
Address: SAME
Relationship to Permit Holder: SAME

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 92-10020
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE1/4NE 1/4 Sec. 7, Twp 43N, Rge 01E, B.M. BENEWAH County

Method of Determination: MAP AND GPS N 47° 05' 26.4" W 116° 22' 34.3"

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
43N	01E	7	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
			X			X													

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
43N	01E	7	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
			2.0			13.0													15.0

Total Acres: 15

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[illegible]

Method of Determination:

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.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
00056474	FRANKLIN	2		FRANKLIN	Model 282301B/10

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements: 5 GAL BUCKET IN 7 SEC = 43 GPM = 0.10 CFS

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 15 \times 3 = 45 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.1 \times 214 \times 1.9835 = 42.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 42.4$$

2. Volume Calculations for Other Uses: STOCK WATER = 0.2 AF

DOMESTIC = 0.6 AF

IRRIGATION = 42.4 AF

TOTAL VOLUME = 43.2 AF

G. NARRATIVE/REMARKS/COMMENTS: 5 HP BOOSTER PUMP ON 14 K RESERVOIR.Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS**

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.020 CFS	0.20 AF
IRRIGATION	04/01 to 10/31	0.100 CFS	42.4 AF
DOMESTIC	01/01 to 12/31	0.020 CFS	0.60 AF
<u>Totals:</u>		0.100 CFS	43.2 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 ☐ Other**I. AUTHENTICATION**

Field Examiner's Name

Date

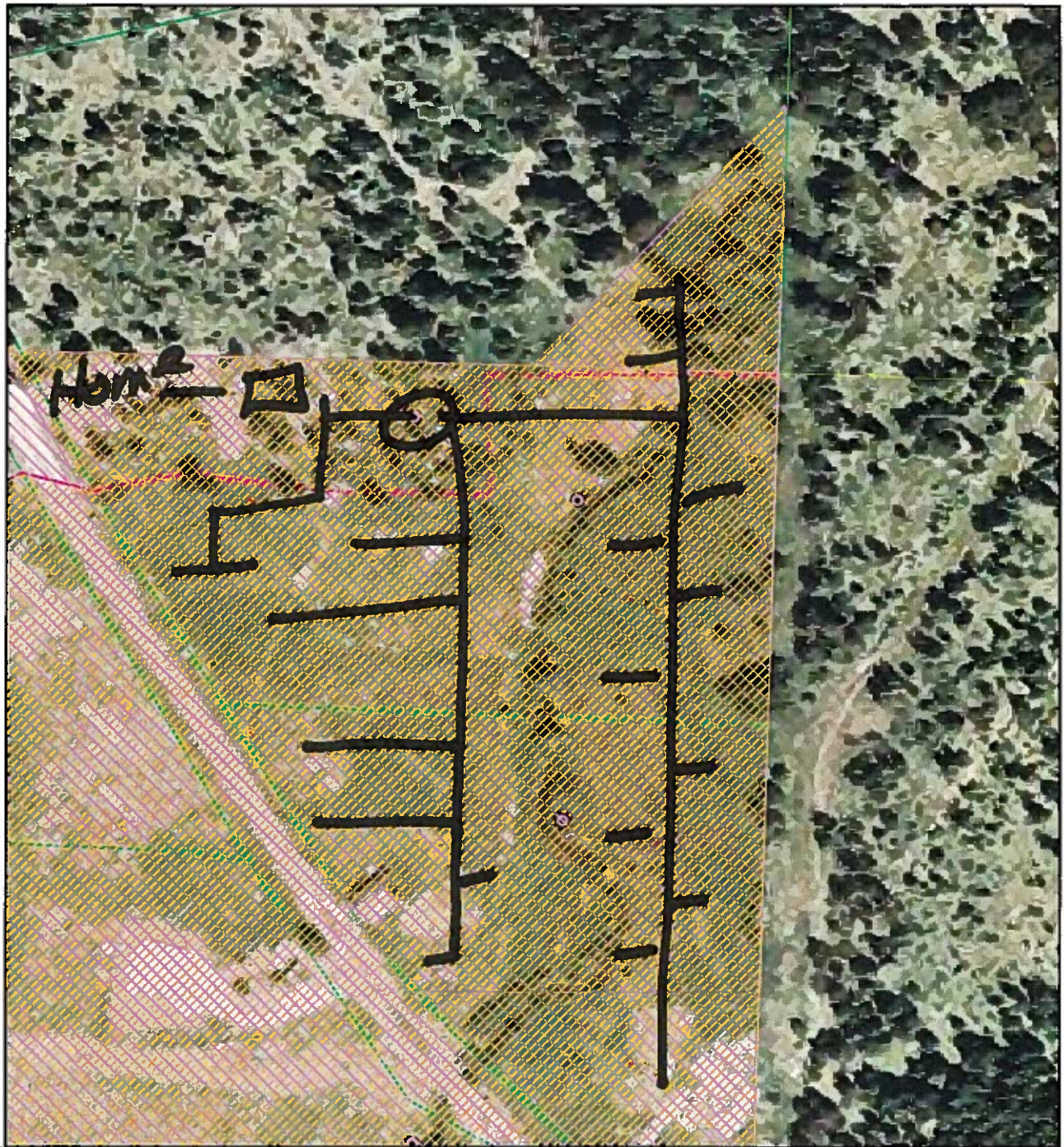
Reviewer

Date

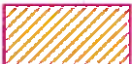
8-4-2009

2/4/9

92-10024 SYSTEM



Legend

- ◉ Right POD
-  Right POU
-  Taxlots

0 85 170 340 510 680 Feet





DOMESTIC USE.JPG



POU.JPG



POWER.JPG



RES PUMP.JPG



RESERVIOR
STORAGE.JPG



RESERVIOR.JPG



WELL TAG.JPG



WELL.JPG





