

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 91-7165

Exam Date: 6/25/2008

1. Current Owner: RON PUGH
PO BOX 2
ST MARIES ID 83861
(208)245-3234

And/Or

DARLA PUGH
PO BOX 2
ST MARIES ID 83861
(208)245-3234

2. Accompanied by: DARLA PUGH

Phone No: Same

Address: Same

Relationship to Permit Holder: Current Owner

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

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

GROUND WATER

NE1/4SW1/4

Sec. 8, Twp 46N, Rge 02W, B.M.

BENEWAH County

Method of Determination: Map and Aerial Photo

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
46N 02W 8									X								

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
46N 02W 6									2.0								2.0

Total Acres: 2

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	<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>	
48N 02W 6									X								

PLACE OF USE: FIRE PROTECTION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<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>	
46N 02W 6									X								

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 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 Size</u>
<u>well</u>	<u>W/K</u>				

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

D. FLOW MEASUREMENTS

1.

<u>Measurement 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:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

5 gal Bucket fill in 20 sec = (18 gpm) = 0.04 cfs

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 296 \times 3 \text{ AF} = 6 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.04 \times 231 \times 1.9835 = 18.77 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6 \text{ AFA}$$

2. Volume Calculations for Other Uses:

$$\text{Domestic} = 0.6 \text{ AF}$$

$$\text{Stock water 10 mixed} = 0.2 \text{ AF}$$

$$\text{Irrigation} = 6 \text{ AF}$$

$$\text{TOTAL} = 6.8 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS: The well is hand dug and is 17 feet in depth.

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>
DOMESTIC	01/01 to 12/31	0.020 CFS	0.60 AF
IRRIGATION	03/15 to 10/31	0.040 CFS	6.00 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.10 AF
FIRE PROTECTION	01/01 to 12/31	0.040 CFS	
<u>Totals:</u>		0.040 CFS	6.80 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 Eva D. Davis Date 11/14/2008

Reviewer [Signature] Date 11/20/08

DELIVERY SYSTEM



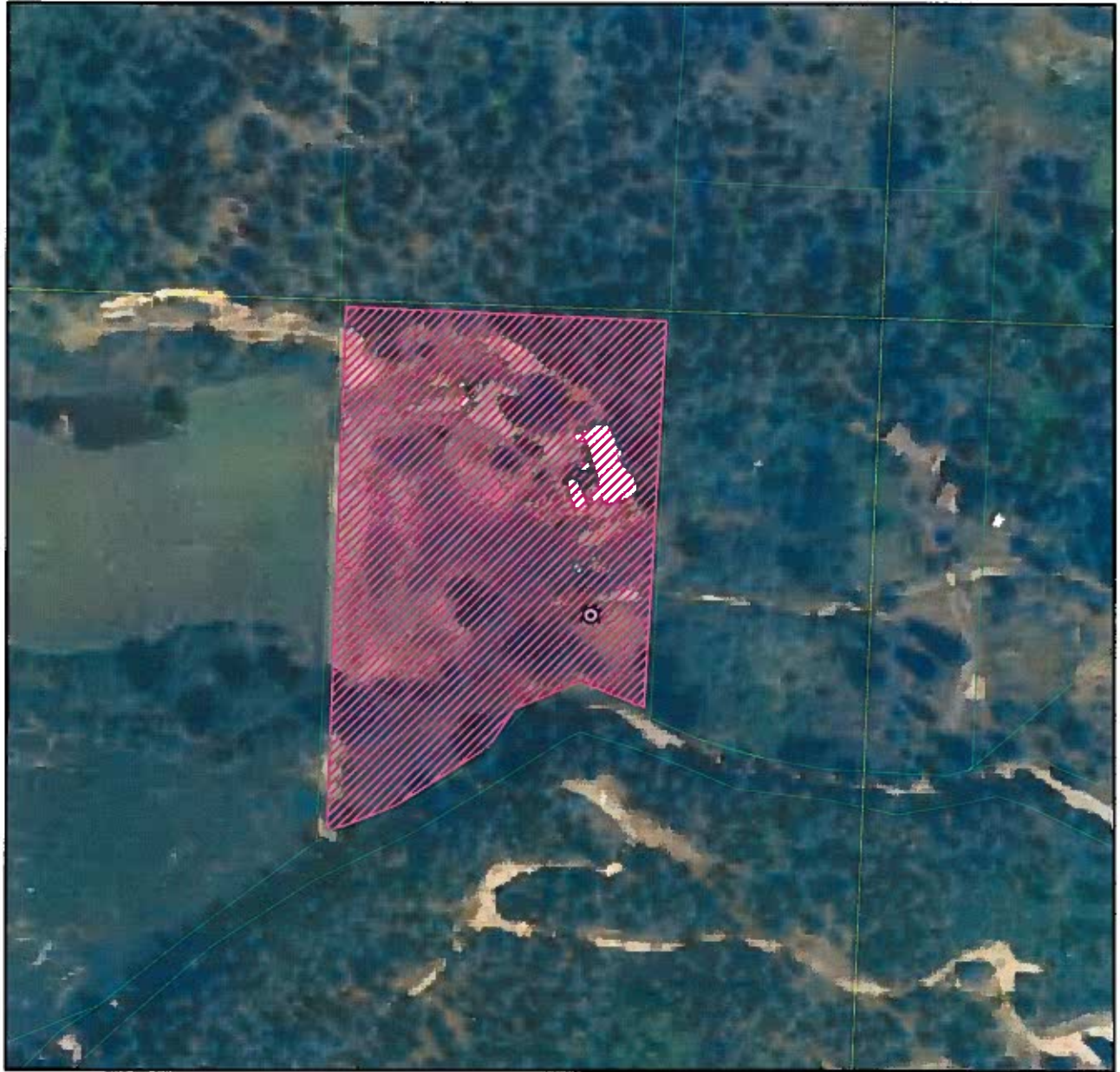
Legend

- ⊙ Right POD
- Right POU

0 90 180 360 540 720 Feet



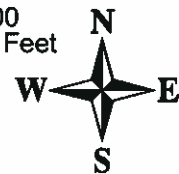
91-7165



Legend

- ⊙ Right POD
-  Right POU

0 87.5 175 350 525 700 Feet





INSIDE OF WELL.JPG



PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



PLACE OF USE 3.JPG



PLACE OF USE 4.JPG



PLACE OF USE 5.JPG



POINT OF DIVERSION.JPG



STOCKWATER.JPG

91-7165



06/25/2008

91-7165



06/25/2008



91-7165





91-7165



