

Corrected

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 92-7233

Exam Date: 6/5/2007

1. Current Owner: MICHAEL L SCHNEIDER
3428 10TH ST
LEWISTON ID 83501
(208)743-5233
2. Accompanied by: MICHAEL SCHNIEDER
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: SELF

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

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

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

GROUND WATER

SW1/4SW1/4

Sec. 11, Twp 44N, Rge 01W, B.M.

BENEWAH County

Method of Determination: GPS

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
44N 03W 11	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
										X							

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
44N 01W 11	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
										3.0							3.0

Total Acres: 3

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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>
D0003844					

*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 gallon bucket
5 gal in 15 sec

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

20 gpm = 0.04 cfs

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F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3 = 9 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .04 \times 246 \times 1.9835 = 19.5$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\begin{array}{r} 9.0 \text{ AF irrigation} \\ + 0.6 \text{ AF domestic} \\ \hline 9.6 \text{ AF total} \end{array}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM PULLS GROUNDWATER OUT OF A WELL FOR THE IRRIGATION OF 3 ACRES AND DOMESTIC WATER FOR ONE HOME. THE IDWR WELL TAG IS D0003844.

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 11/15	0.040 CFS	9.00 AF
<u>Totals:</u>		0.040 CFS	9.60 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 W.A. Smith Date 7-17-07

Reviewer Robert Smith Date 7/23/07

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0.04 0 0.04 0.08 Miles

-  GCDB44N01W GCDB
-  Right POD
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp



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PLACE OF USE 1



PLACE OF USE 2



PLACE OF USE 3



PLACE OF USE 4



SYSTEM



WELL HOUSE



WELL TAG

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