

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 85-15689

Exam Date: 5/15/2012

1. Current Owner: WILLIAM I WARD
30837 CUT OFF RD
CULDESAC ID 83524
(208)843-7242

And/Or

SHAROL K WARD
30837 CUT OFF RD
CULDESAC ID 83524
(208)843-7242

2. Accompanied by: In-Office Field Examination (IDAPA 37.03.02.035), by Sandy Hemenway

3. SOURCE

GROUND WATER

TRIBUTARY**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: 85-7076 Domestic internal/external use 0.04 cfs (same owner)
2. Other water rights with the same point of diversion: None

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

GROUND WATER L16 SE1/4NE1/4 Sec. 26, Twp 35N, Rge 03W, B.M. NEZ PERCE County

Method of Determination: Bing Maps Aerial, 2009 and 2011 ArcMap,

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
35N	03W	26	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
						X													
						L 16													

Method of Determination: Bing Maps Aerial, 2009 and 2011 ArcMap,

3. ☒ Delivery System Diagram Described in Narrative.
☒ 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 (None taken, due to In-Office Field Examination)

4.

Well or Diversion

<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 Size</u>
D0046108	submersible	1 Hp	unknown make/model		1 inch discharge to 1 inch buried PVC

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

D. FLOW MEASUREMENTS

1. Measurements:

No physical measurement taken, due to In-Office Field Examination (IDAPA 37.03.02.035).

Well Drills Log Pump Report:

20 gpm X 0.00223 = 0.04 cfs

Pipe Conversion for 1 inch pipe:

 $Q = 5 \times 3.1416 \times [(diameter/12)]/2squared = 0.03 \text{ cfs}$

Theoretical:

 $(8.8 \times 1 \text{ Hp} \times 0.7 \text{ eff})/[1000 \text{ ft lift} + (20 \text{ psi} \times 2.31)] = 0.01 \text{ cfs}$ **Recommend** allowing 0.02 cfs domestic 1 home internal use only (to be supplemented to other domestic well).**E. VOLUME CALCULATIONS**

1. Volume Calculations for Domestic:

IDWR Standard for Domestic 1 home internal use only = 0.6 af

Recommend: 0.6 af**F. NARRATIVE/REMARKS/COMMENTS**

In-Office field examination (IDAPA 37.03.02.035). 8 inch casing, 1 Hp submersible (unknown make/model), 1 inch discharge to 1 inch buried PVC, system runs at 20 psi, well drilled 11/22/2006 by Nail and Son, D0046108, 1090 ft deep, 1000 ft static. This well was drilled to help supply adequate amount of water (supplement existing domestic well 85-7076). Use is for internal use only, and is just for 1 home and does not supply any out buildings (per Mr. Ward, in a 5/15/2012 phone conversation at 208-843-7242).

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	0.6 AF
Totals:		0.020 CFS	0.6 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

The Lot changed from L15 to L16.

I. AUTHENTICATION

Field Examiner's Name

Judy Hemminger

Date

6/5/2012

NENE

NENE

POU
Domestic (internal
only)

35N03W

POU
8" casing
1090' deep
1000' static
D 0042108
1" discharge
to 1" PVE (buried)
to houses &
no out buildings

SENE

SENE

SWNW