

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-13719

Exam Date: 8-25-11

1. Current Owner: BOB L NESTOR
4950 VALENTY RD STE B
CHUBBUCK ID 83202
(208)406-3015

And/Or

CINDY NESTOR
4950 VALENTY RD STE B
CHUBBUCK ID 83202
(208)406-3015

2. Accompanied by: Bob Nestor
Phone No: 208-406-3015
Address: 4950 Valenty Rd., Chubbuck, ID 83202
Relationship to Permit Holder: Permit holder

3. SOURCEGROUND WATER
SPRINGS**TRIBUTARY**

SINKS

B. OVERLAP REVIEW

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

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

SPRINGS	SE1/4SE1/4SE1/4	Sec. 25,	Twp 07S,	Rge 36E, B.M.
BANNOCK County				
GROUND WATER	SE1/4SE1/4SE1/4	Sec. 25,	Twp 07S,	Rge 36E, B.M.
BANNOCK County				

Method of Determination: GPS and map

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
07S	36E	25	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
																			X

Method of Determination: Map

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>
--	-------------------	-----------	-------------------------	------------------	--

*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: No measurement made- de minimus rate of diversion.

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: De minimus flow;

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

NA

0.6 ^{irrig} in house
 0.6 ^{irrig} irrigation 1/2 acre

 1.2 ^{irrig}

G. NARRATIVE/REMARKS/COMMENTS

Water runs into a springbox at the POD, then to a 12,000 gallon cistern halfway down the hill to the house. It then flows by gravity to the house where it is pressurized by a booster pump. Water is used in-house, and for lawn and landscaping. Excess springwater flows from cistern to an irrigation ditch nearby. No water flows to the surface at site of spring. It appears that the reason that the POD is listed as groundwater and springs is that the springbox was buried deeply in order to capture more of the spring flow. GPS site tag #A0016395 is on PVC stub at springbox.

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>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.040 CFS	1.2 ^{af}
<u>Totals:</u>		0.040 CFS	1.2 ^{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 James Bitzenburg

Date 9-6-11

Reviewer

Date

11/02/2011

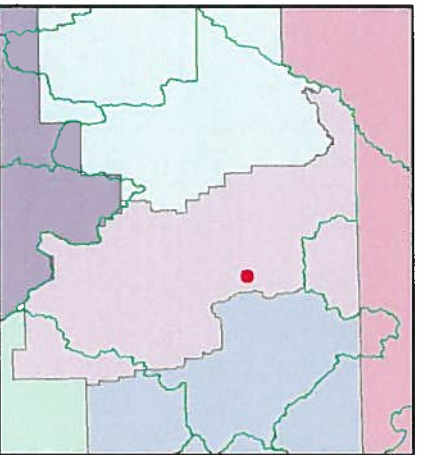


Idaho Department of Water Resources

Water Right
29-13719
(DOMESTIC)

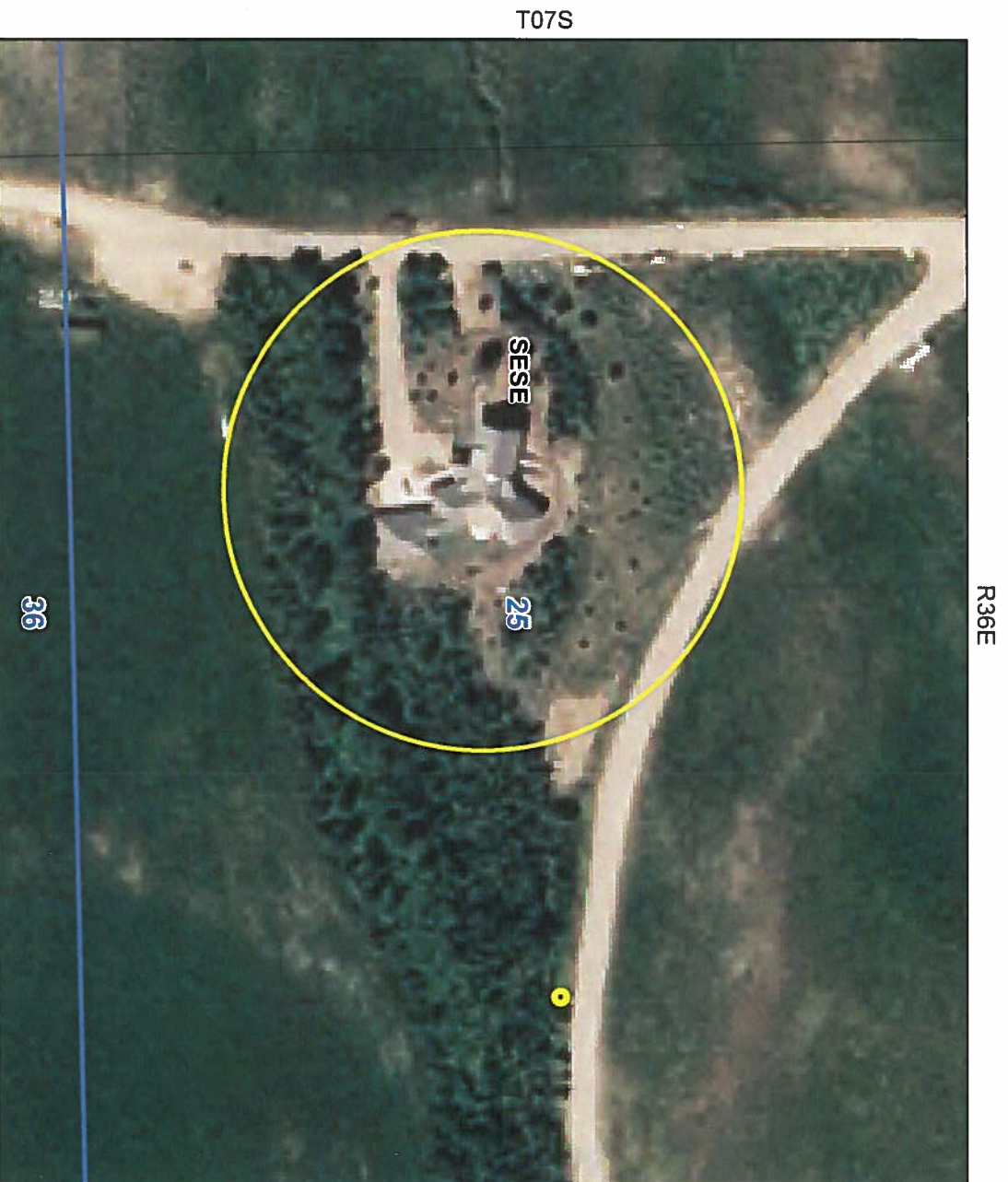
Legend

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



Bannock County
IDWR Basin 29

Prepared by Bizenburg, James
On September 06, 2011
2009 Aerial Photography



Owner: Bob L Nestor
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

Water System of Nestor Property



1 inch = 376 feet



Nestor Home From Cistern Area



Vertical pipe at Spring



Top of Cistern