

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-13646

Exam Date: 8-25-11

1. Current Owner: BRYAN K FRIEDEL
1125 E INMAN CANYON RD
INKOM ID 83245

And

DEBRA J FRIEDEL
1125 E INMAN CANYON RD
INKOM ID 83245

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

SPRING

TRIBUTARY

DRY CANYON

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:**

SPRING SW1/4NW1/4SE1/4 Sec. 12, Twp 07S, Rge 36E, B.M.
BANNOCK County

Method of Determination: Map and GPS

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
07S	36E	12														X			

Method of Determination: Map and GPS

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>
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*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: System is underground, no measurement was possible. 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:

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

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

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Water enters a spring box at POD, is pumped to a cistern(underground) uphill from the house, and is then is gravity-fed to the house. Water use is confined to the house, garden, and a few goats. Site tag #A0016394 on stub on concrete springbox.

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	0.040 CFS	
<u>Totals:</u>		0.040 CFS	

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

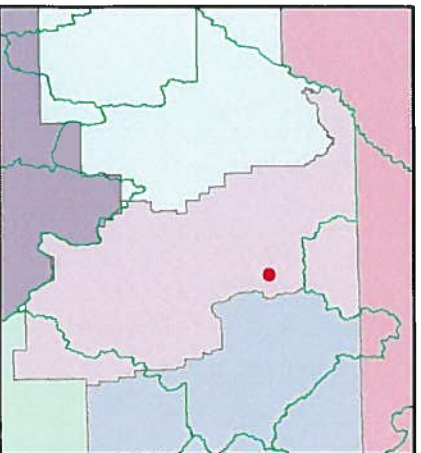


Idaho Department of Water Resources

Water Right
29-13646
(DOMESTIC)

Legend

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

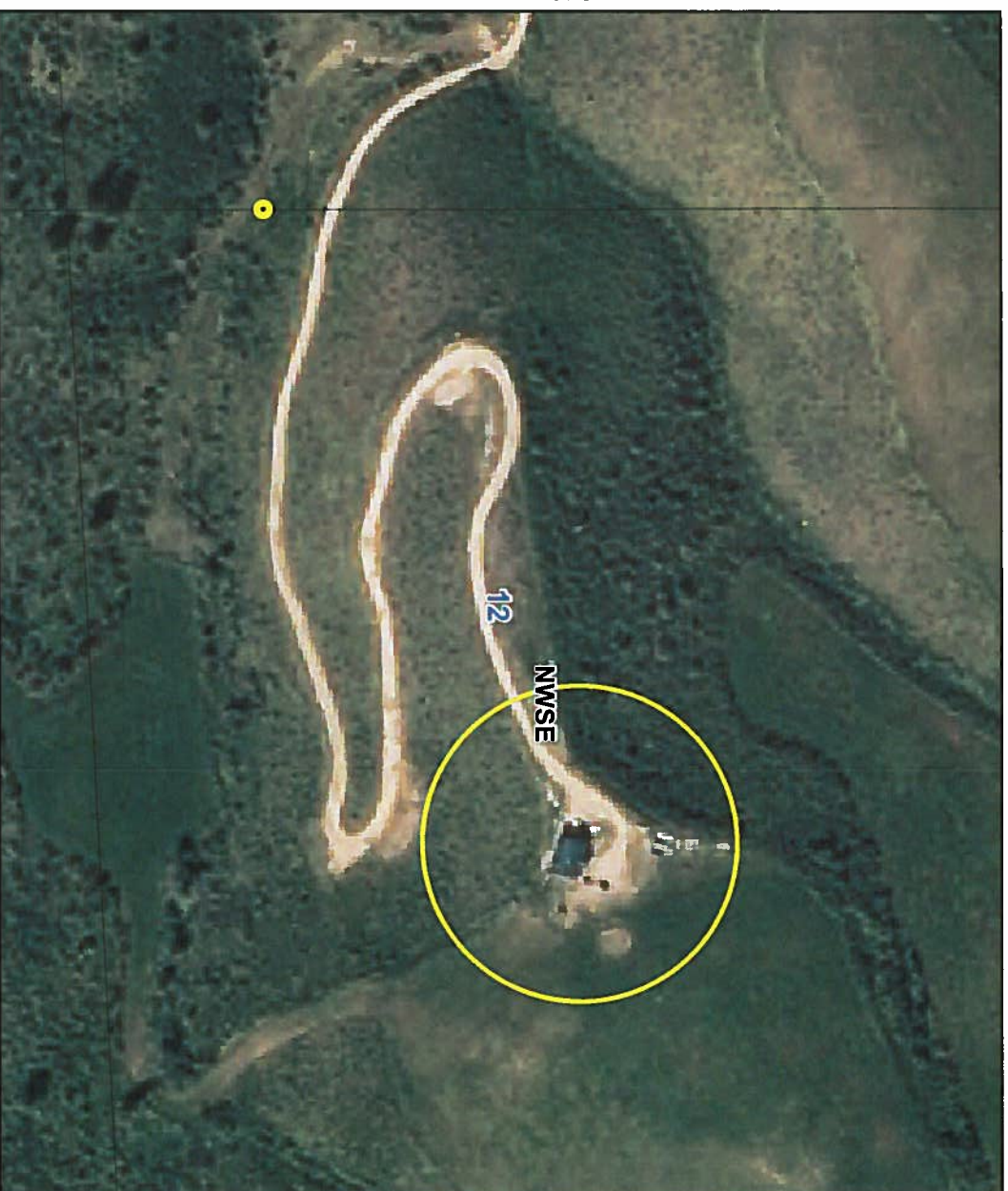


Bannock County
IDWR Basin 29



T07S

R36E



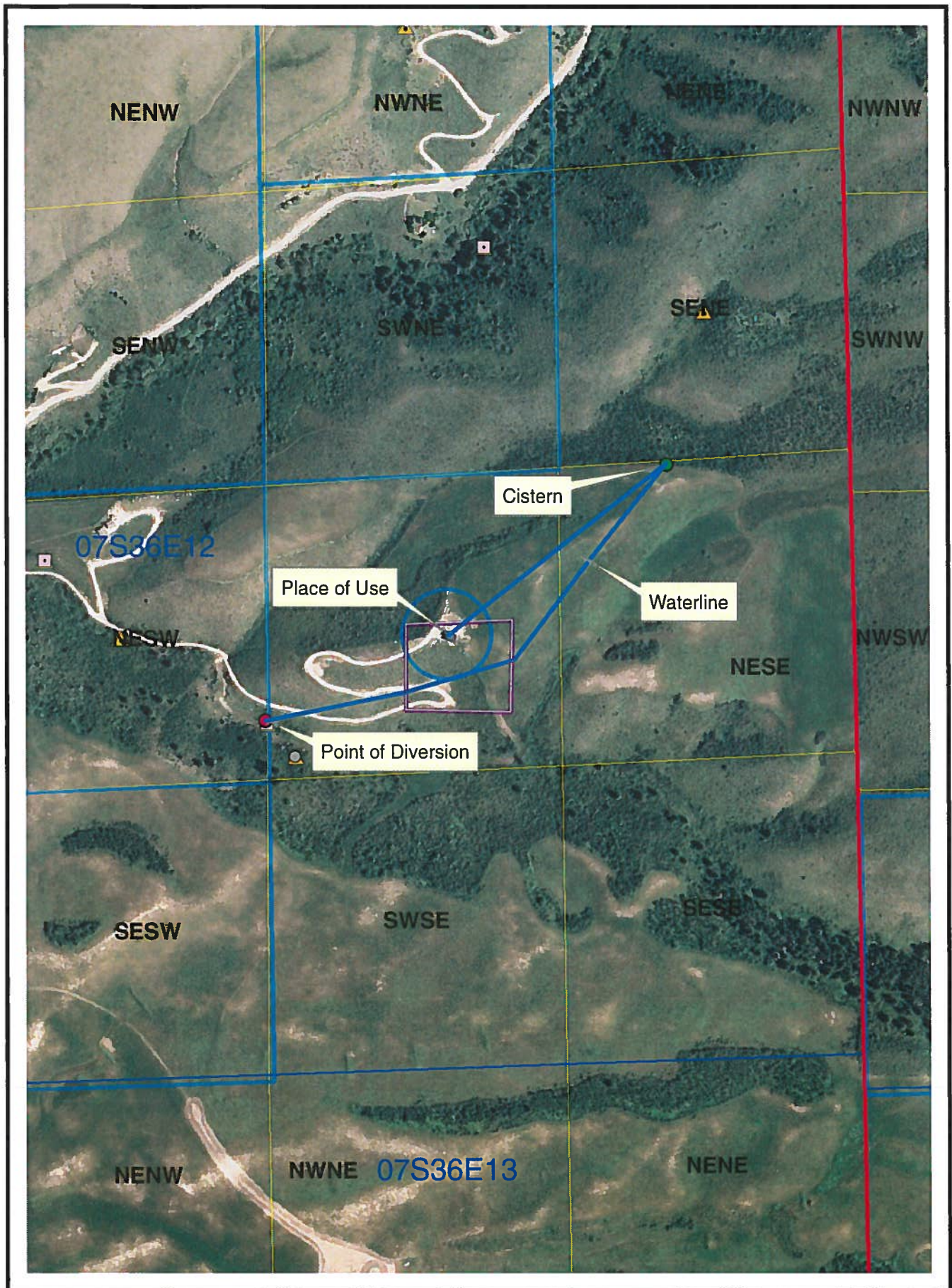
0 0.05 0.1 0.2
Miles

Owner: Bryan K Friedel

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

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

Water System of Friedel Property



1 inch = 601 feet



Spring Box on Friedel Farm



Friedel House

29-13646



NWSE

POU

POF