

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 22-139961. Owner DENNIS H LOWE FAMILY TRUSTPhone No. (626) 405-2333Current address PO BOX 11852. Examiner's name CASS JONESEXAM DATE 11/21/16

3. Accompanied by _____ Email _____

Address _____

Relationship to permit holder _____

Phone No. _____

4. Source GROUND WATER

tributary to _____

B. OVERLAP REVIEW1. Other water rights with the same place of use 22-139952. Other water rights with the same source and point of diversion 22-13995**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			NW	NW	29	06N	46E	TETON	GPS

2. Place(s) of Use:

Method of determination GPS

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06N	46E	29						X											

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☐ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

NO FLOW MEASUREMENT TAKEN. THIS RIGHT DOES NOT AUTHORIZE THE DIVERSION OF WATER TO STORAGE. THIS RIGHT ONLY AUTHORIZES THE STORAGE OF WATER.

E. NARRATIVE/REMARKS/COMMENTS

SITE VISIT PERFORMED ON 11/21/16. POD IS LOCATED ~100 FEET NORTH FROM THE POND, AT THE EDGE OF THE ASPENS. THERE IS A HYDRANT AND A 3' X 3' HATCH THAT OPENS INTO THE UNDERGROUND WELL HOUSE. INSIDE THE WELL HOUSE THERE IS A PRESSURE TANK, ELECTRICAL CONTROL PANEL, AND ACCESS TO SERVICE THE PIPES.

-LINER HAS BEEN INSTALLED

-POND IS APPROXIMATELY 0.8 ACRES

-WATER FROM WSB WAS RENTED FOR THE INITIAL FILL OF POND.

-WATER RIGHT 22-13995 IS USED TO REPLACE EVAPORATIVE LOSSES FROM THE POND

★ Priority date error on permit. Application was filed on Jan 13, 2011. Permit should have listed priority as 1/13/11 instead of 1/13/10. Error will be corrected on license.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

NA

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

$$(\sim 1 \text{ ACRE}) \times (\sim 14' \text{ DEPTH}) \times (0.4) = 5.6 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
WILDLIFE STORAGE	01/01	12/31		5.6 AFA
FIRE PROTECTION STORAGE	01/01	12/31		5.6 AFA
AESTHETIC STORAGE	01/01	12/31		5.6 AFA
Totals:				5.6 AFA

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature



Date

12/1/2016

Reviewer

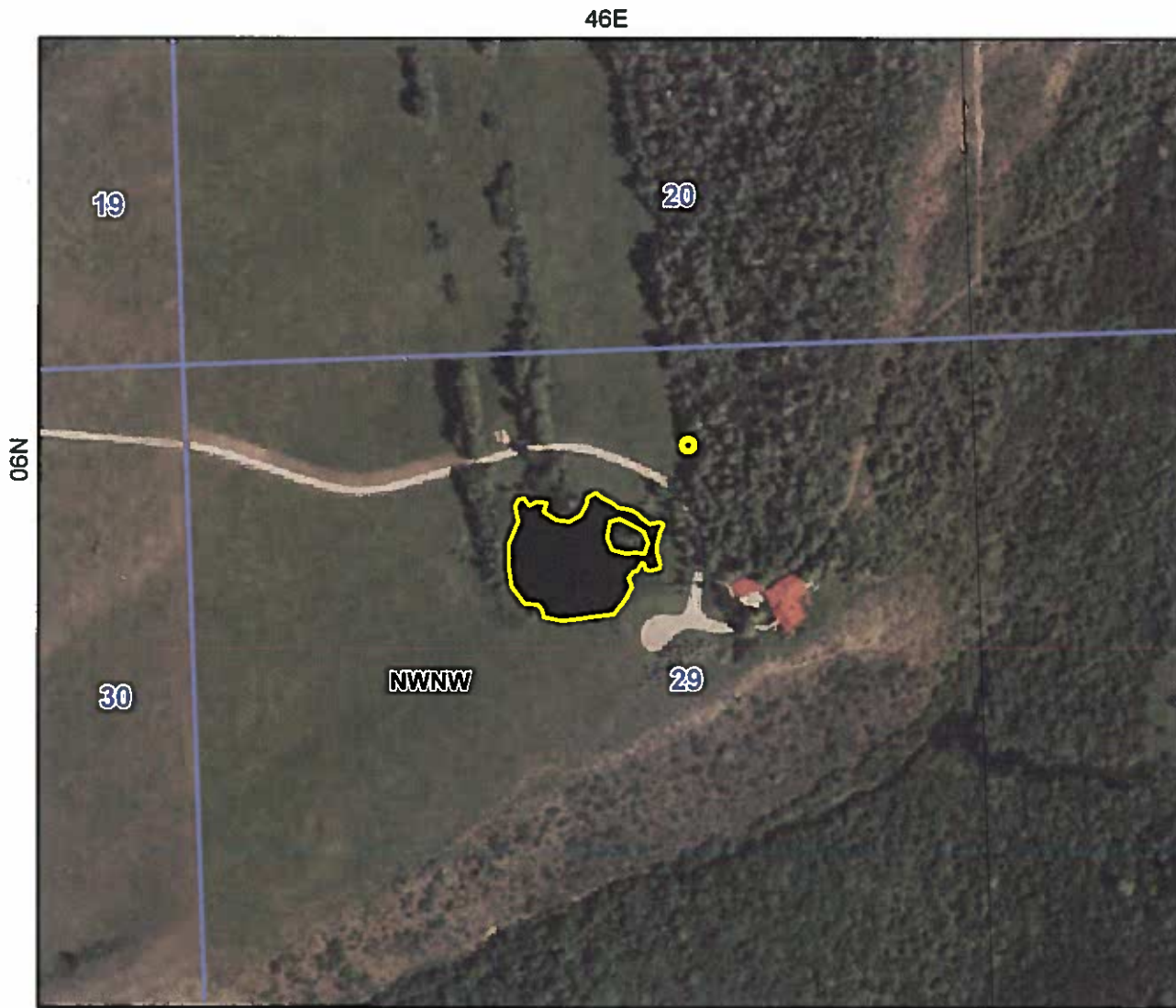


Date

12/1/2016

SEAL

State of Idaho
Department of Water Resources
Water Right License
22-13996



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.035 0.07 0.14 Miles





Looking north east at the well on the left and the hatch for the underground well house on the right

Looking from the SW from the POD at the POU





Looking at the hatch of the underground well house

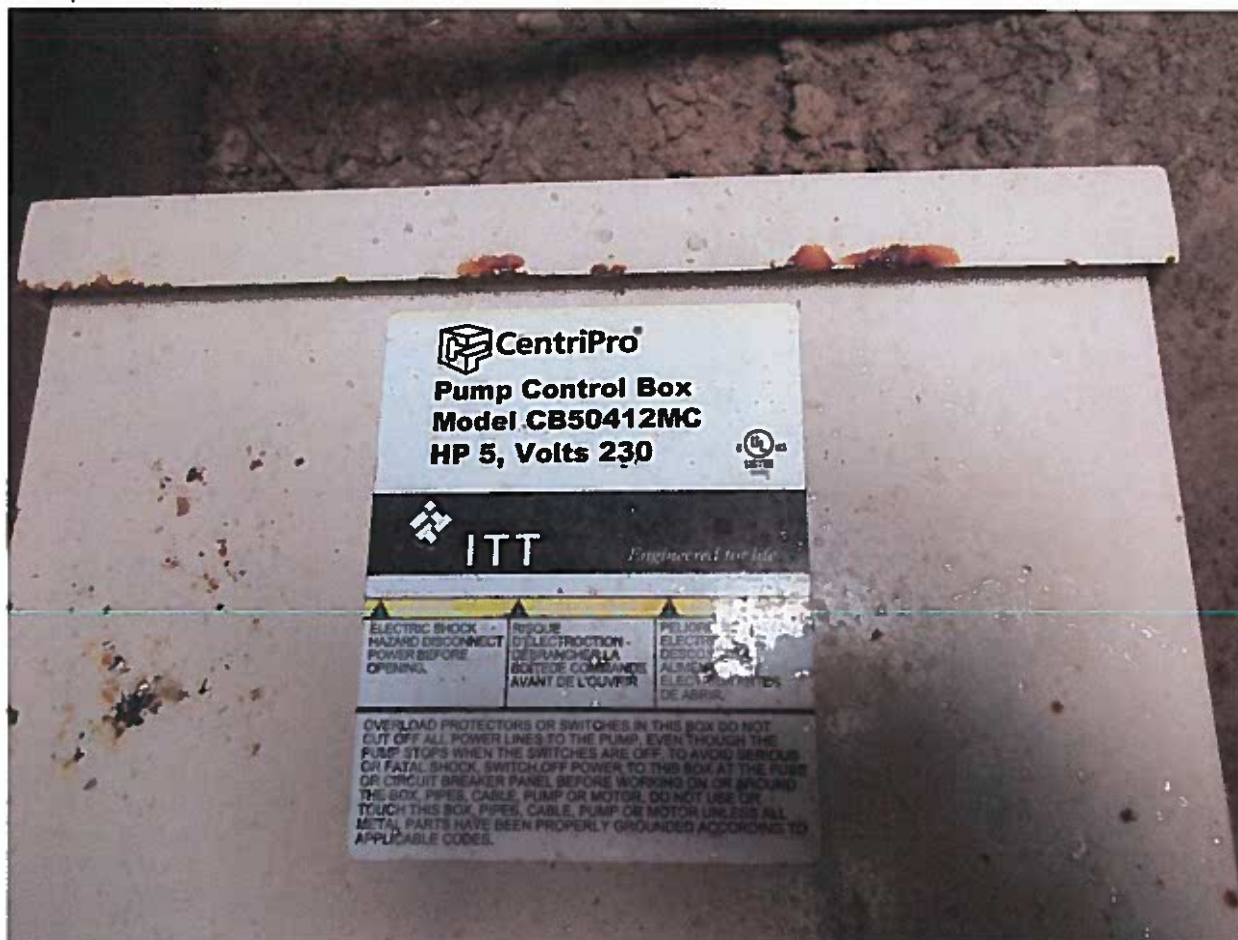
Looking at the pressure tank inside the well house





Pipes inside the well house

Pump control box inside the well house





Electrical box inside well house

Control box next to pond

