

Total Acres: 0.5

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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
<u>ID No.*</u>					
95-95-N-0012-000	FRANKLIN	1			

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
<u>Equipment</u>						

N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: APPLICANT SAID WELL COMPANY WAS JUST THERE TO INSTALL NEW 1 HP PUMP AND PERFORMED FLOW MESUREMENT OF 6 GPM. $(1 \text{ HP})(8.8)(0.8) / 269 + (40 \times 2.3087) = 0.02 \text{ CFS}$

2 WELL IS UNKNOWN WHAT SIZE PUMP OR HOW DEEP WELL IS.

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \text{ AC} \times 3 \text{ AF} = 1.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 246 \times 1.9835 = 14.6 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} = 1.5 \text{ AF}$$

2. Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

FIELD EXAM SHOWED 1 WELL DRILLED IN 1995 THAT HAD 1 HP PUMP. APPLICANT SAID PUMP COMPANY HAD JUST BEEN THERE AND INSTALLED NEW PUMP AND PERFORMED PUMP TEST AND SAID WELL PRODUCED 6 GPM. APPLICANT HAD 2K STORAGE TANK. 2 WELL IS MYSTERY AND UNSURE OF WELL LOG OR WHAT SIZE PUMP IS IN IT. APPLICANT IS ONLY IRRIGATING 0.5 ACRES. IRRIGATION WILL BE GIVEN OR 0.5 ACRES WITH A DIVERSION RATE OF 0.03 CFS. MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r.

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>
IRRIGATION	03/15 to 11/15	0.030 CFS	1.50 AF
<u>Totals:</u>		0.030 CFS	1.50 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

Aden Fendall

Date

12-15-2015

Reviewer

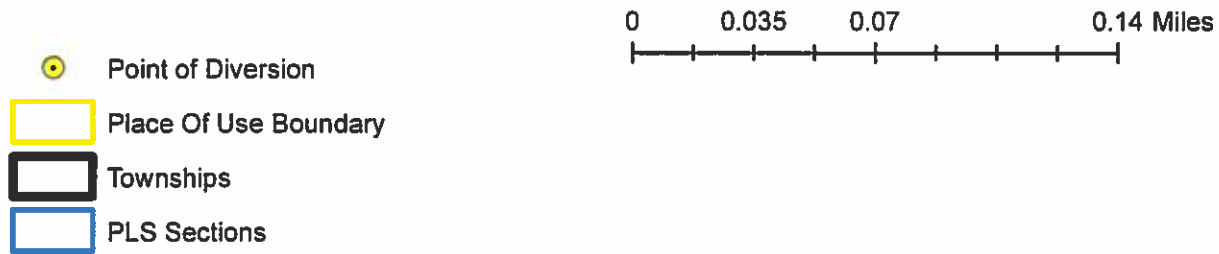
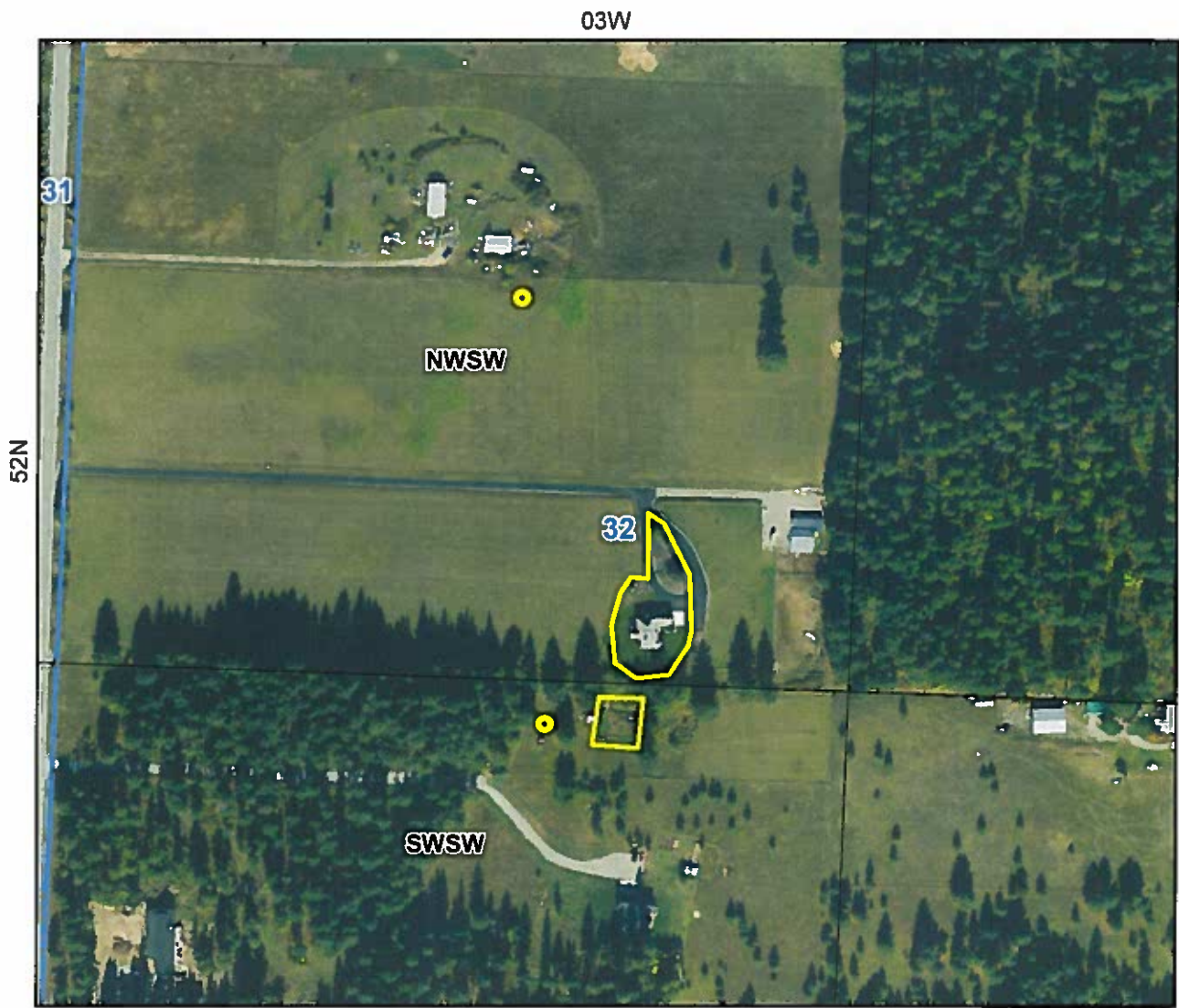
E. J. Jones

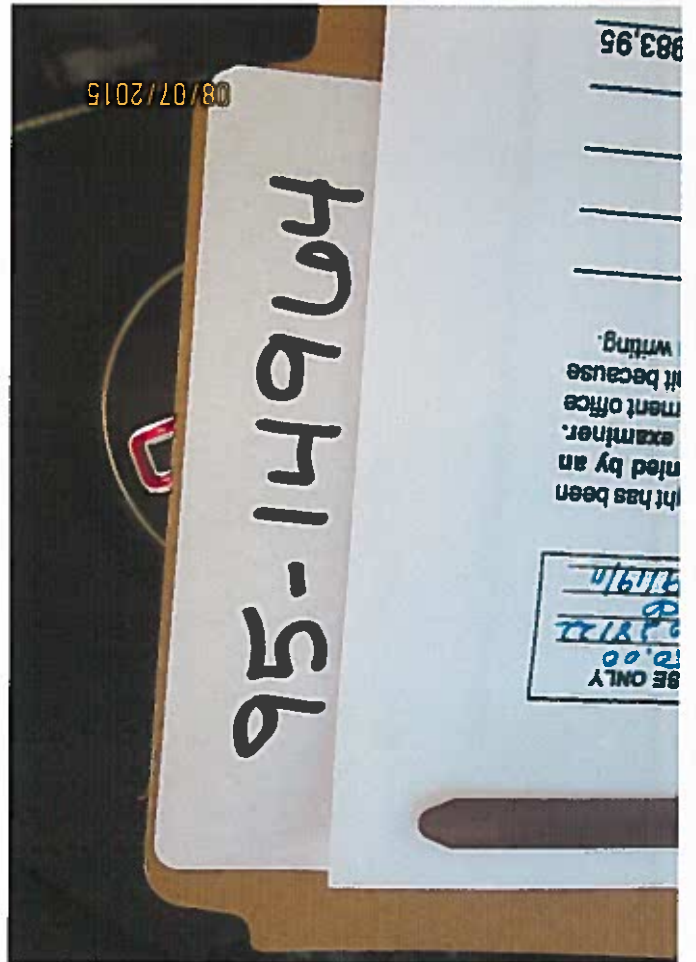
Date

12-18-2015

Well FO 273478

State of Idaho
Department of Water Resources
Water Right License
95-14964

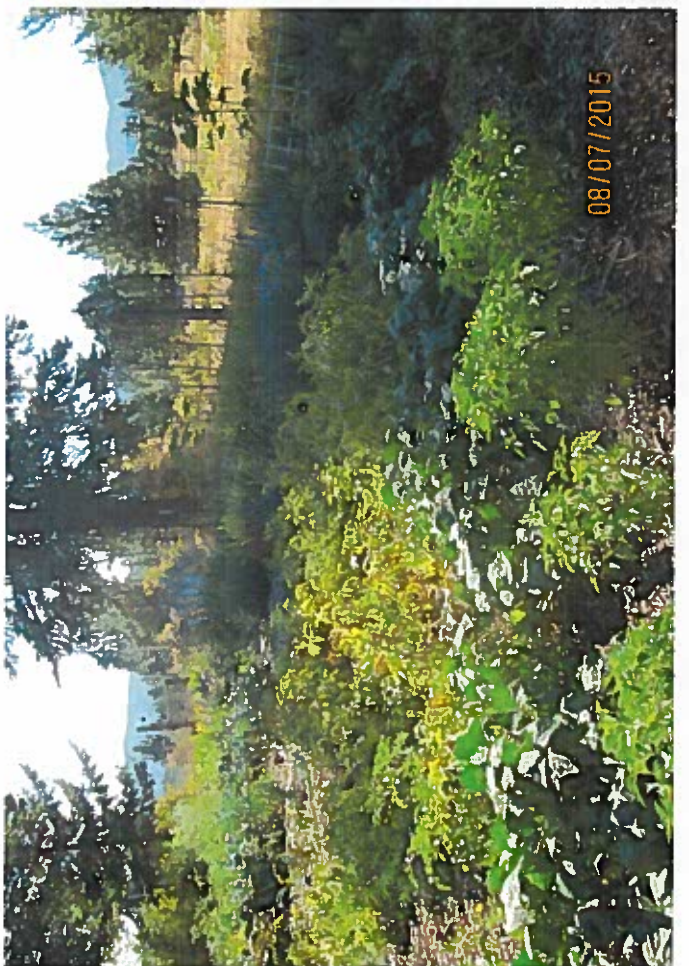
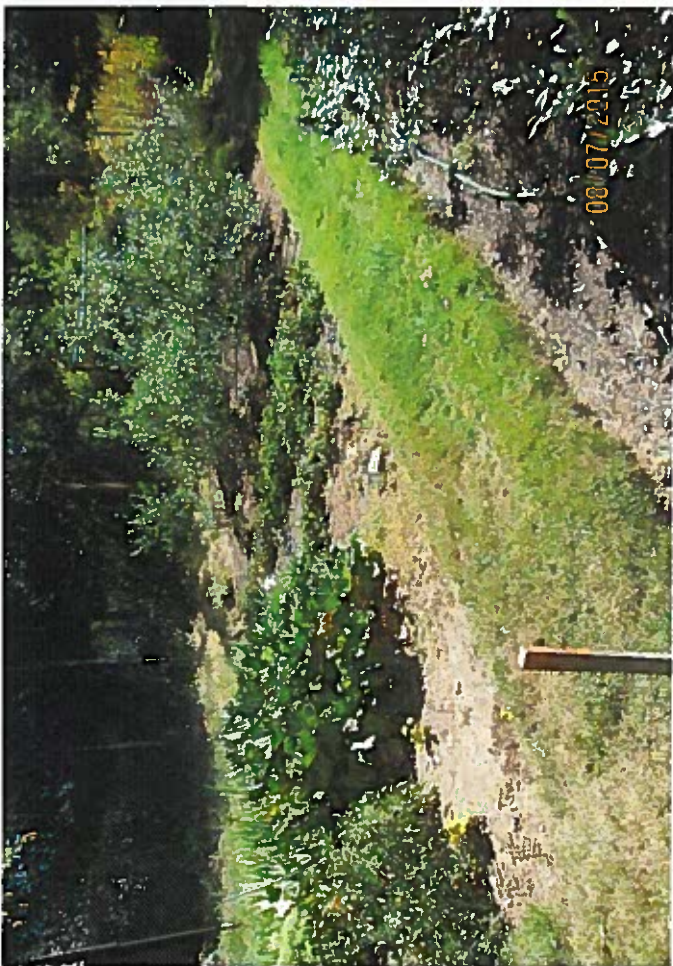




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