

[illegible]

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>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>
95-93-N-76-000	FRANKLIN	5			

*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>
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N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: UNABLE TO PERFORM FLOW MEASUREMENT. THEORETICAL PUMPING EQUATION
 ESTIMATES FLOW $(5 \text{ HP})(8.8)(0.8) / 630 + (57 \times 2.9087) = 0.05 \text{ CFS}$

Estimated pump set 10' from bottom of the well
 or 630 ft of lift.
 Line pressure between the well and the storage
 tank was 57 psi.

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

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 9 HOMES WITH IRRIGATION UP TO 1/2 ACRE PER HOME X 1.2 AF = 10.8 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED WELL WITH 5 HP PUMP AT 57 PSI AT GAUGE. WELL PUMPED TO 30K STORAGE TANK THAT WAS THEN FED TO ALL 9 HOMES BY 7.5 HP PUMP. UNABLE TO PERFORM FLOW MEASUREMENT BECUASE THERE WAS NO PROPER LOCATION. THEORETICAL ESTIMATES FLOW RATE AT 0.05 CFS. APPLICANT WAS FINE WITH CHANGING TO DOMESTIC FOR 9 HOMES WITH IRRIGATION UP TO 1/2 ACRE PER HOME INSTEAD OF HAVING A IRRIGATION COMPONENT. ALL 9 HOMES HAVE 1/2 ACRE OR LESS OF IRRIGATION. BECUASE APPLICATION WAS FOR 9 ACRES OF IRRIGATION IDWR WILL MAKE CHANGE TO IRRIGATION UP TO 1/2 ACRE PER HOME. LICENSE WILL BE ISSUED FOR 0.05 CFS WITH ANNUAL VOLUME OF 10.8 AF.

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	0.050 CFS	10.80 AF
<u>Totals:</u>		0.050 CFS	10.80 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 Adam F. Fendall Date 12-23-2015

Reviewer [Signature] Date 12-23-2015

95-15557

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

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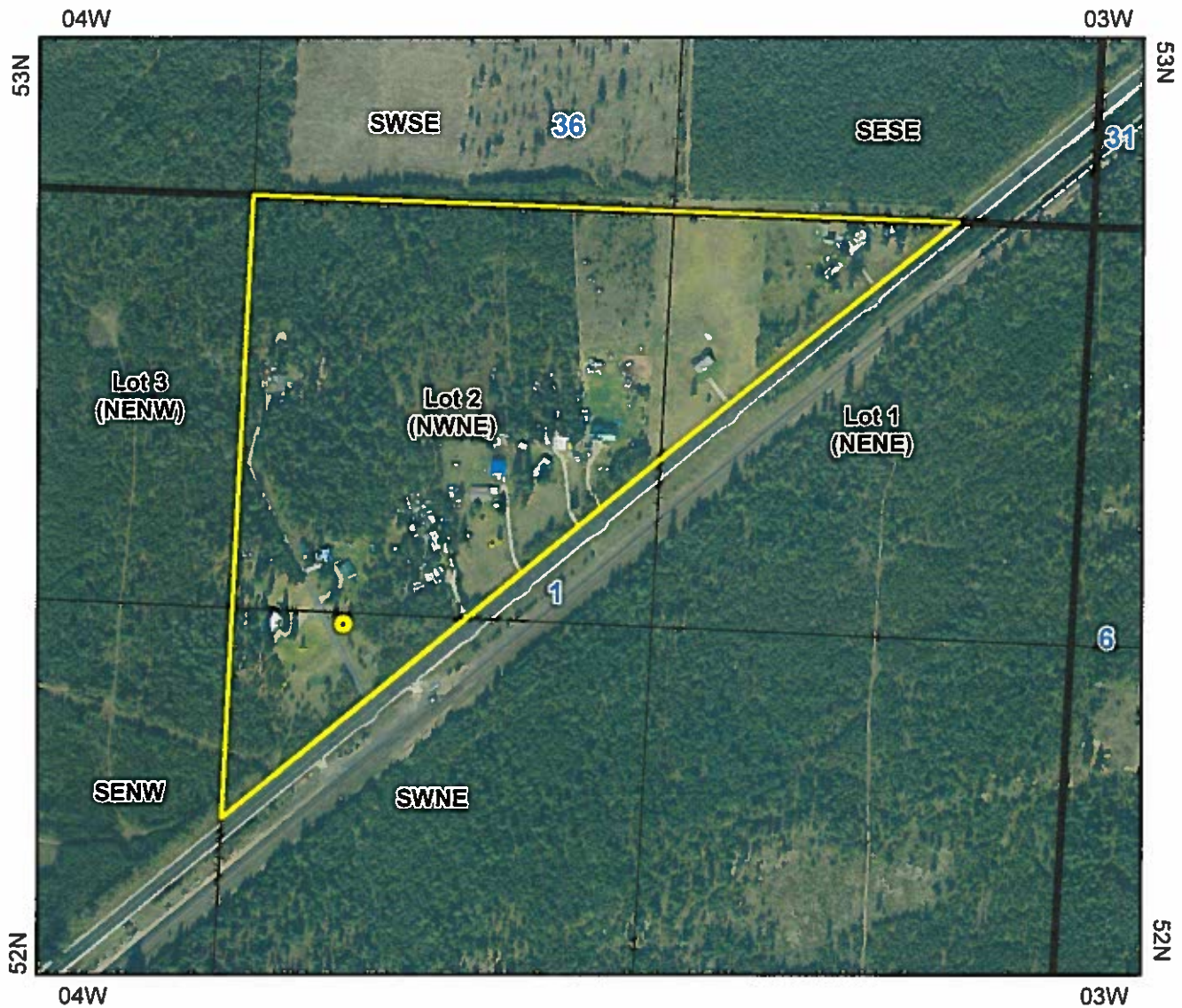
USE ADDITIONAL SHEETS IF NECESSARY — FORWARD THE WHITE COPY TO THE DEPARTMENT

USE ADDITIONAL SHEETS IF NECESSARY

Permit 753503

12 1 27 27 27

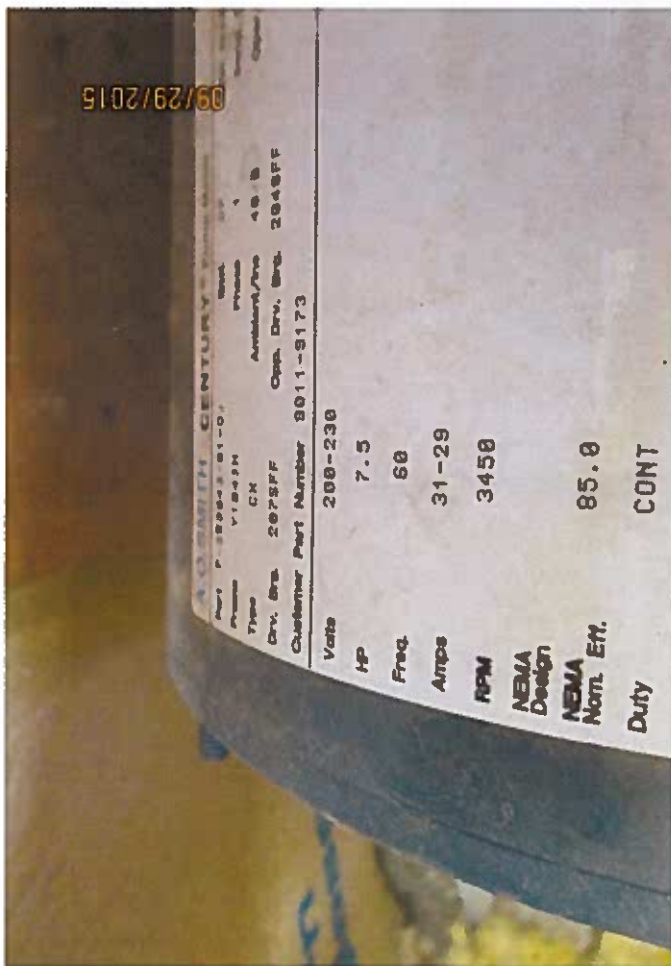
State of Idaho
Department of Water Resources
Water Right License
95-15557



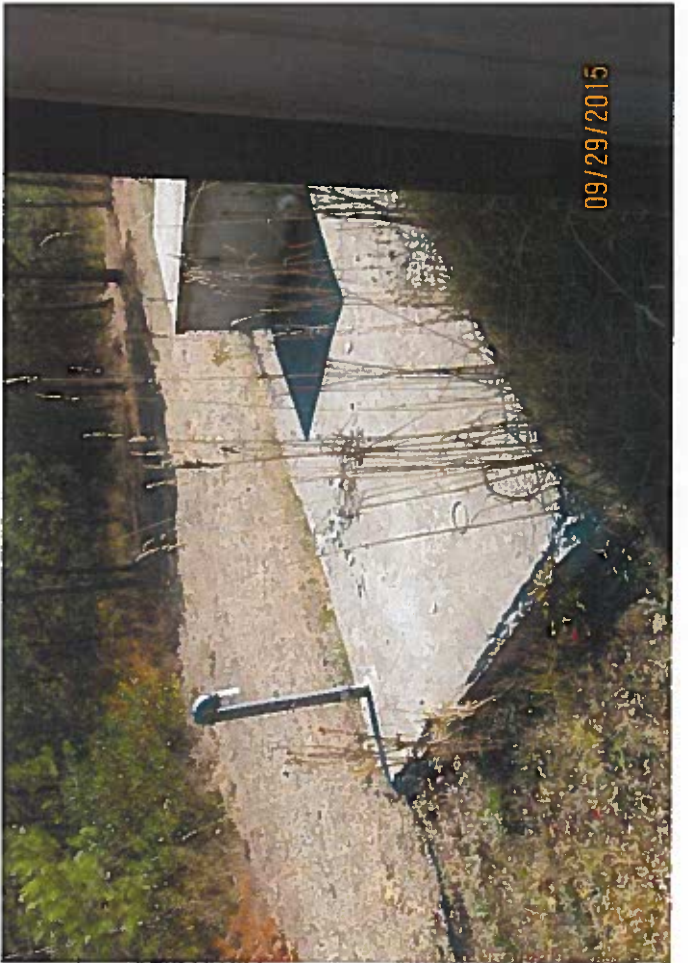
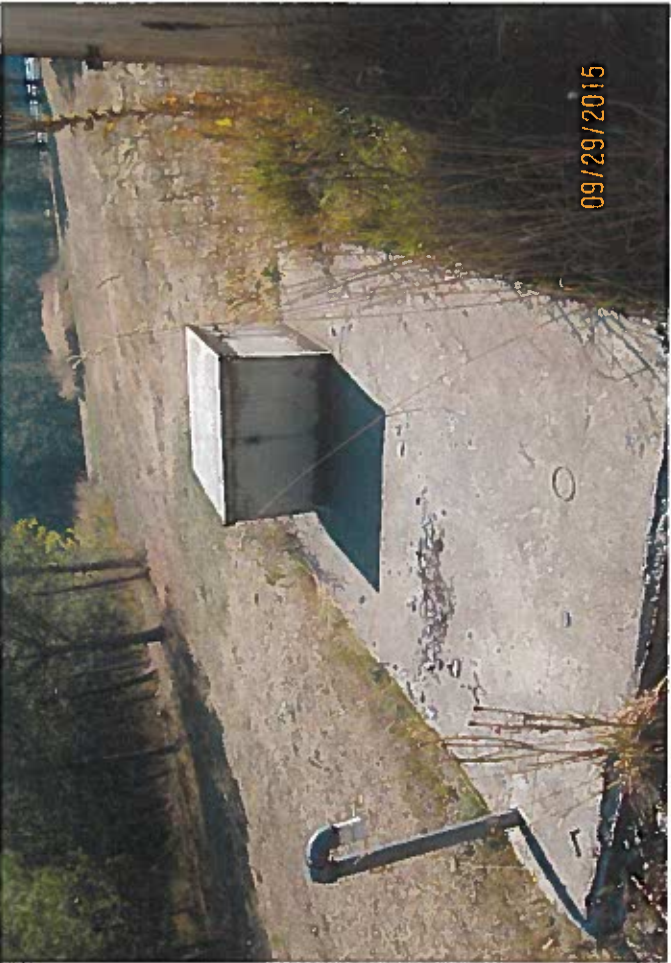
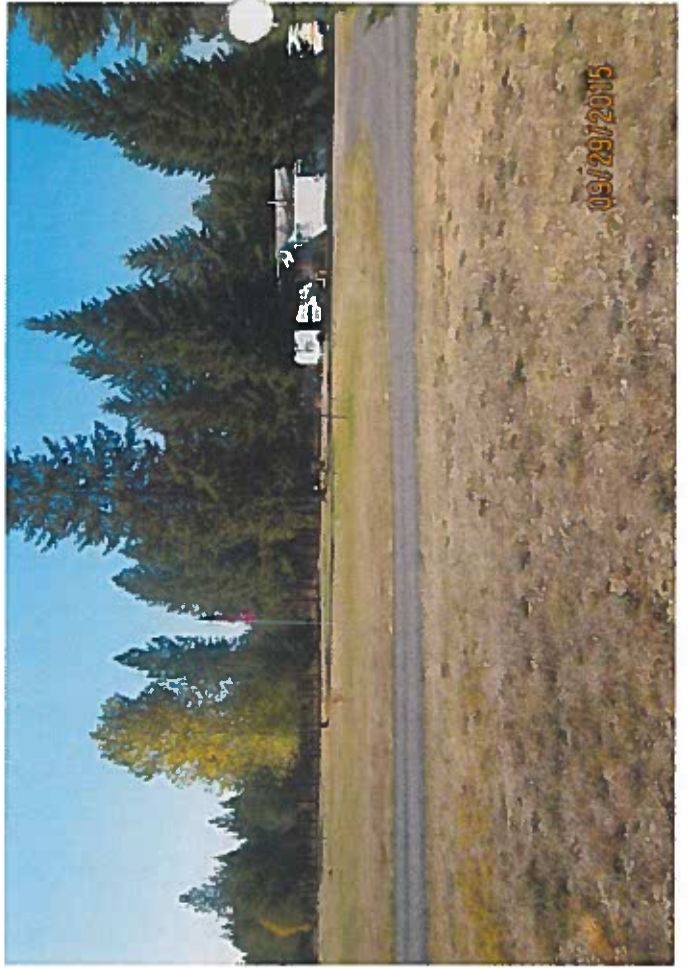
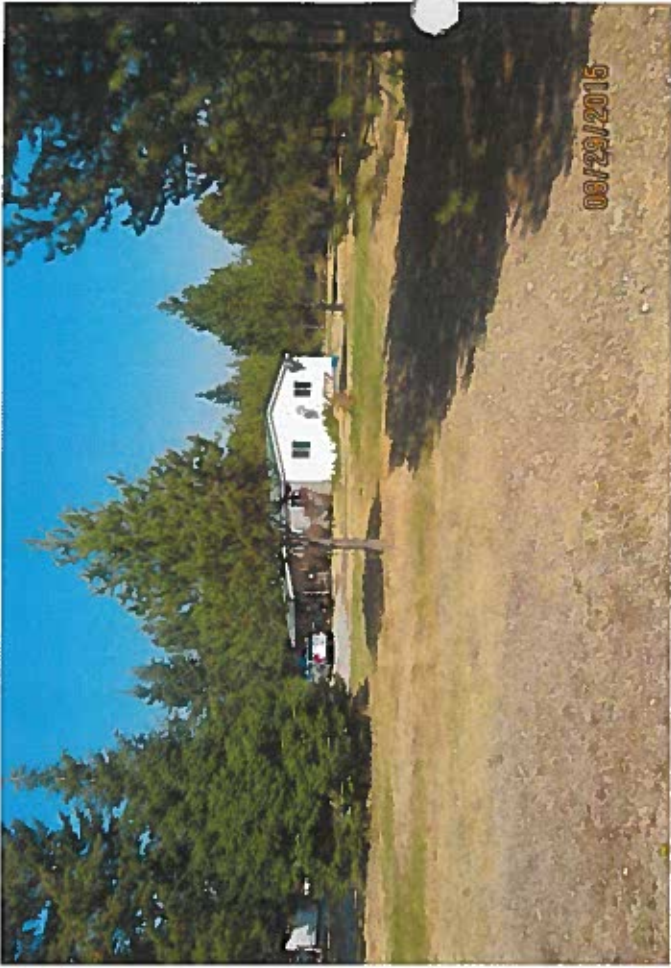
0 0.05 0.1 0.2 Miles

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

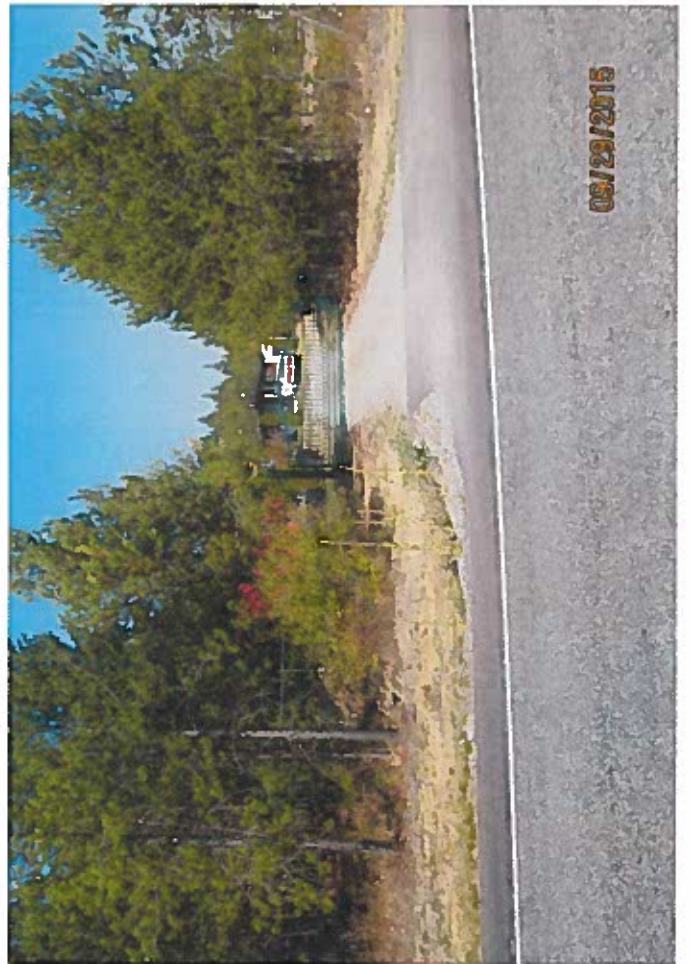
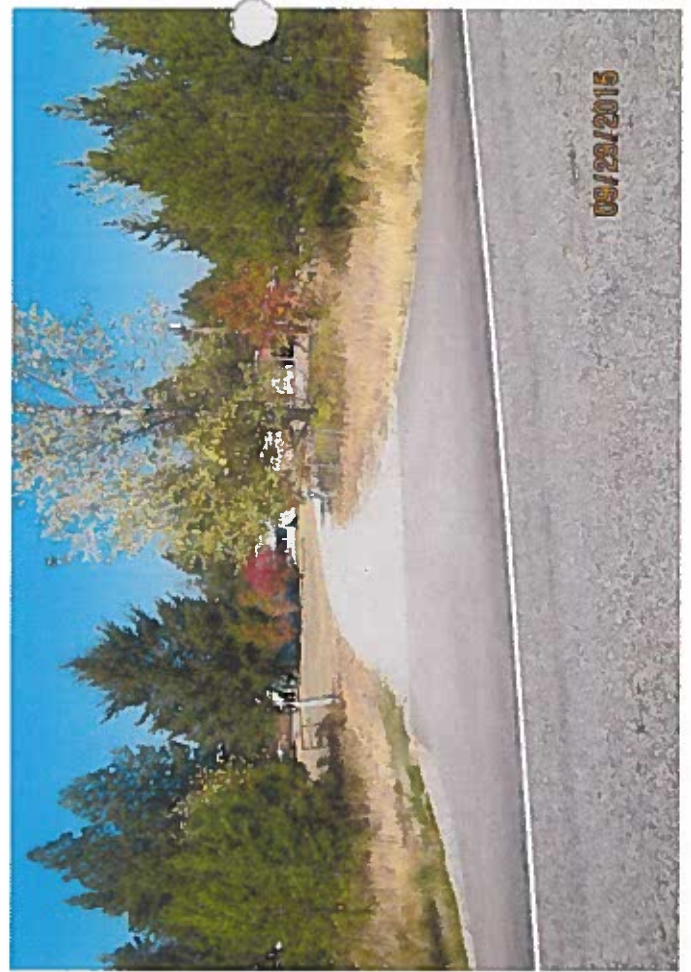




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