

[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>
96-85-N-157	FRANKLIN	10			

*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: MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r.
THEORETICAL PUMPING EQUATION ESTIMATES FLOW RATE AT 0.13CFS OR 58GPM.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.5\text{AC} \times 3 \text{ AF} = 7.50\text{AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .06 \times 246 \times 1.9835 = 29.3\text{AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} = 7.5\text{AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE IN 6 HOMES $\times 0.6\text{AF} = 3.6\text{AF}$ **G. NARRATIVE/REMARKS/COMMENTS**

SITE VISIT REQUIRED TO VERIFY ACTUAL ACREAGE IRRIGATED. MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r. DOMESTIC USE IS FOR 6 HOMES. 5 HOMES ARE BUILT AND 1 LOT IS STUBBED OUT. IRRIGATION WILL BE CUT BACK TO 2.5 ACRES FROM 4. LOT IN THE NENE, PIN 0010, IS STUBBED OUT AND WILL BE GIVEN A HALF ACRE OF IRRIGATION. THERE IS NO HOME IN THE NESE. IRRIGATION WILL BE LIMITED TO 2 ACRES IN THE SENE, AND 0.5 ACRES IN THE NENE. THEORETICAL PUMP EQUATION ESTIMATES FLOW AT 58GPM OR 0.13CFS.

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	0.060 CFS	7.50 AF
DOMESTIC	01/01 to 12/31	0.120 CFS	3.60 AF
<u>Totals:</u>		0.120 CFS	11.10 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 Friedman Date 2-26-2015
 Reviewer Eve Thomas Date 2-27-2015

THEORETICAL PUMPING EQUATION FOR WATER RIGHT 95-10743

PUMP EQUATIONS WATER RIGHT No. 95- 10743						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/ H	10	549.455 8	0.8	450	43
Q = 0.128 cfs 57.6 gpm						

State of Idaho
Department of Water Resources
Water Right License
95-10743



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

0 0.05 0.1 0.2 Miles

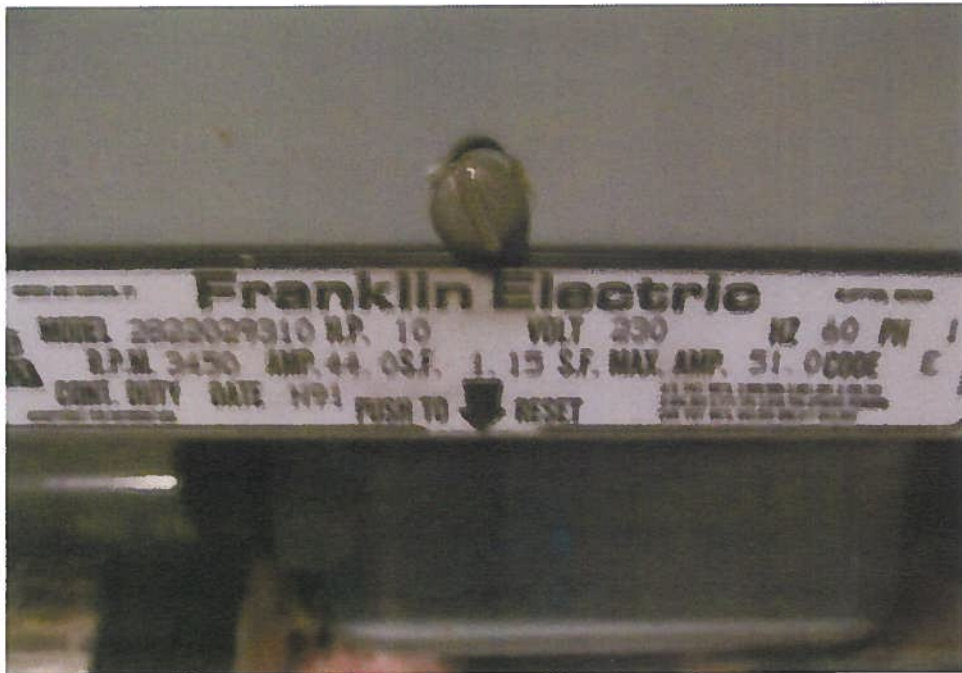
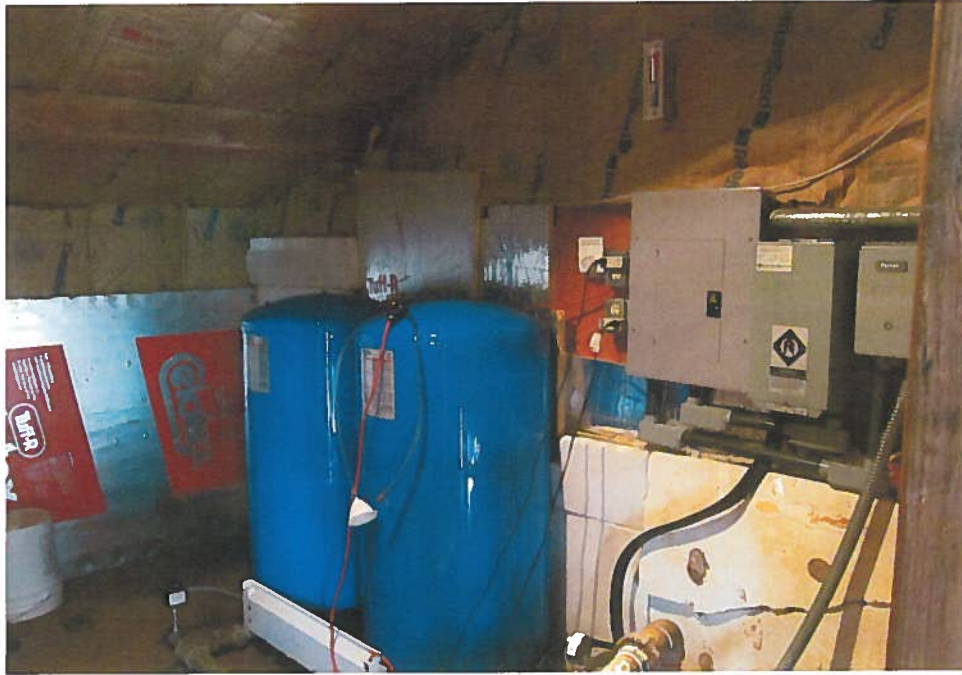




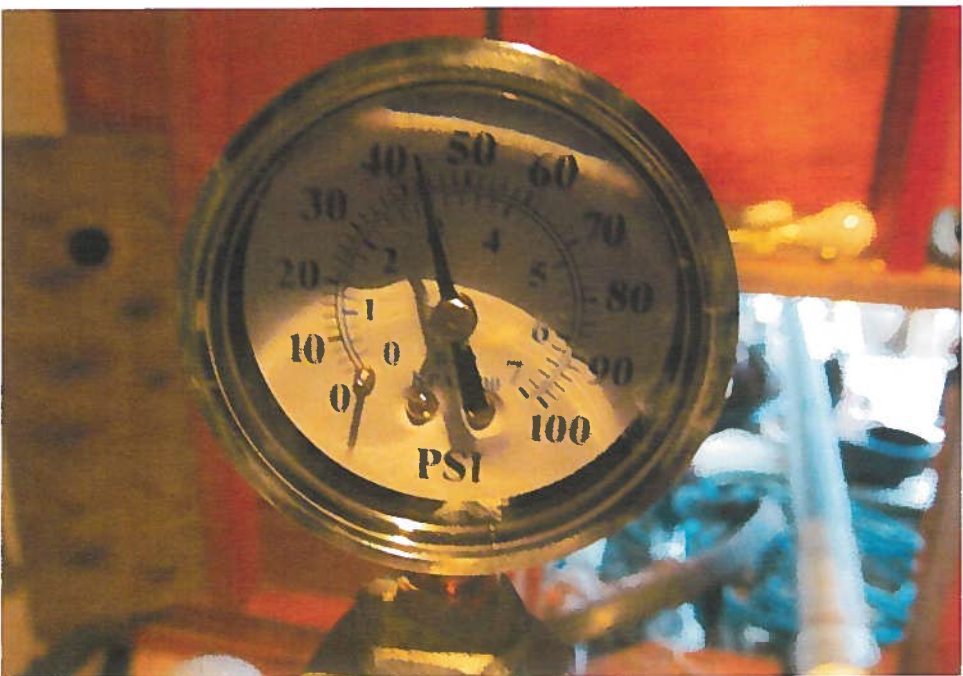
95-10742



92-10747



95-10742



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95-10742

WELL DRILLER'S REPORT

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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