

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-9031

Exam Date: 7/31/2015

1. Current Owner: SHOSHONE COUNTY
700 BANK ST
WALLACE ID 83873
(208) 753-5475
2. Accompanied by: County Park Staff

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4NE1/4 Sec. 14, Twp 48N, Rge 03E, B.M. SHOSHONE County

Method of Determination: GPS and maps. POD location at 47° 30.910, 116° 01.958 (A0015494)

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
48N 03E 14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	11.8

Total Acres: 11.8

Method of Determination: GPS and maps

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</u>
<u>ID No.*</u>					<u>Size</u>

VERTI LINE

*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>
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FLOW METER ON SYSTEM

2. Measurements: 114 GPM

E. FLOW CALCULATIONS

Measured Method: N/A

☐ Additional Computation Sheets Attached

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

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 11.8 \text{ AC} \times 3 \text{ AF} = 35.40 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.20 \times 231 \times 1.9835 = 91.6 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 35.4 \text{ AF}$$

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

FIELD EXAMINER HAD PARK STAFF TURN IRRIGATION SYSTEM ON TO WATCH FLOW METER ON SYSTEM. MAX FLOW FOR SYSTEM WAS 114 GPM WHEN ALL ZONES WERE TURNED ON. PARK STAFF SAID THEY NEVER IRRIGATE ALL ZONES AT SAME TIME THOUGH. SYSTEM CAN PRODUCE 0.20 CFS WHICH IS WHAT WAS APPLIED FOR. AFTER USING MAPPING TOOL AND SUBTRACTING HARD SURFACES FROM TOTAL ACRES APPLIED FOR, THE TOTAL ACRES IRRIGATED IS 11.8 ACRES. LICENSE WILL ISSUED FOR 0.20 CFS WITH AN ANNUAL VOLUME OF 35.4 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>
IRRIGATION	03/15 to 10/31	0.200 CFS	35.40 AF
<u>Totals:</u>		0.200 CFS	35.40 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 Fendrip Date 12-4-2015

Reviewer Kent E. S. [Signature] Date 12/9/2015

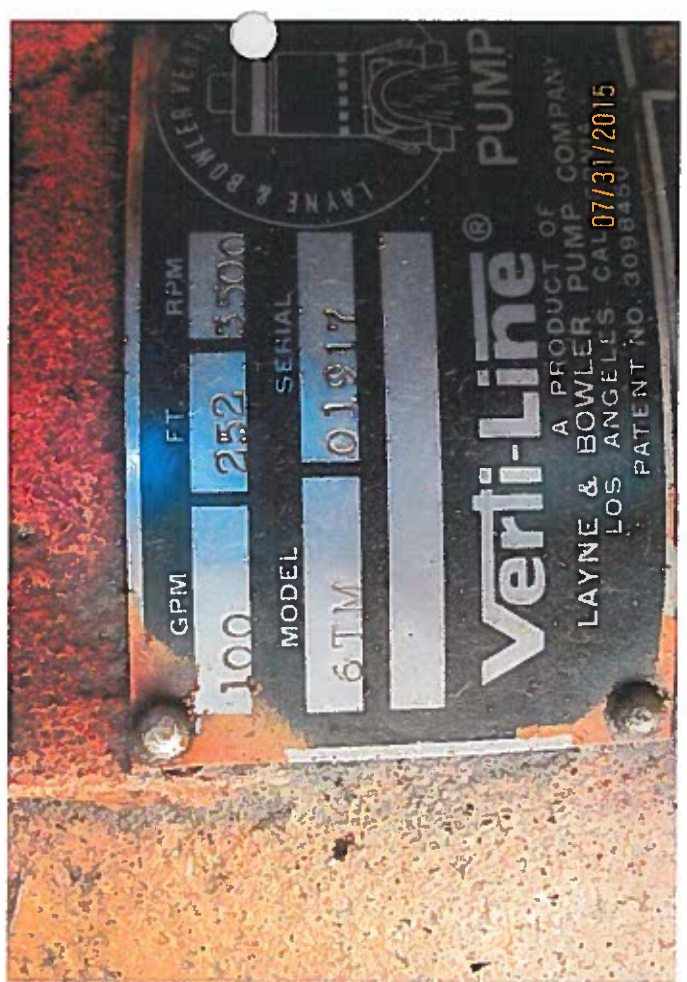
State of Idaho
Department of Water Resources
Water Right License
94-9031



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

0 0.0375 0.075 0.15 Miles

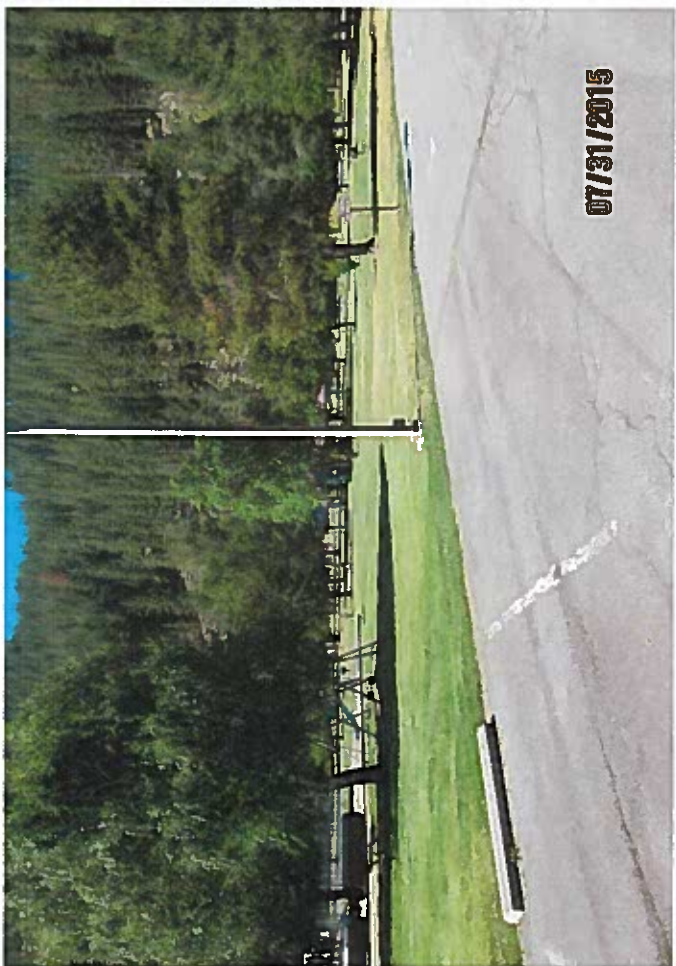
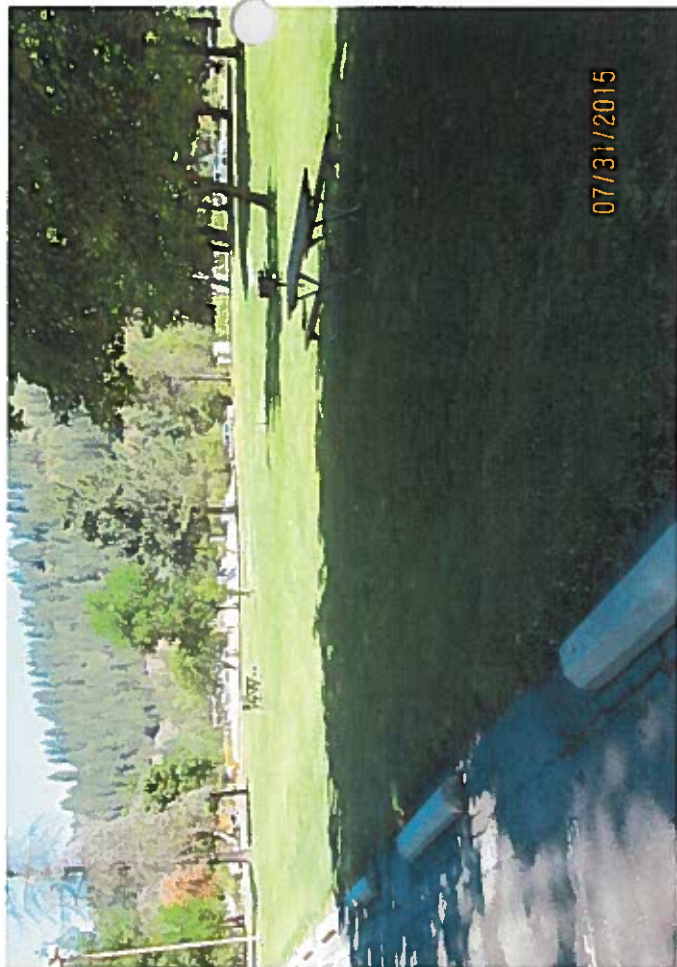




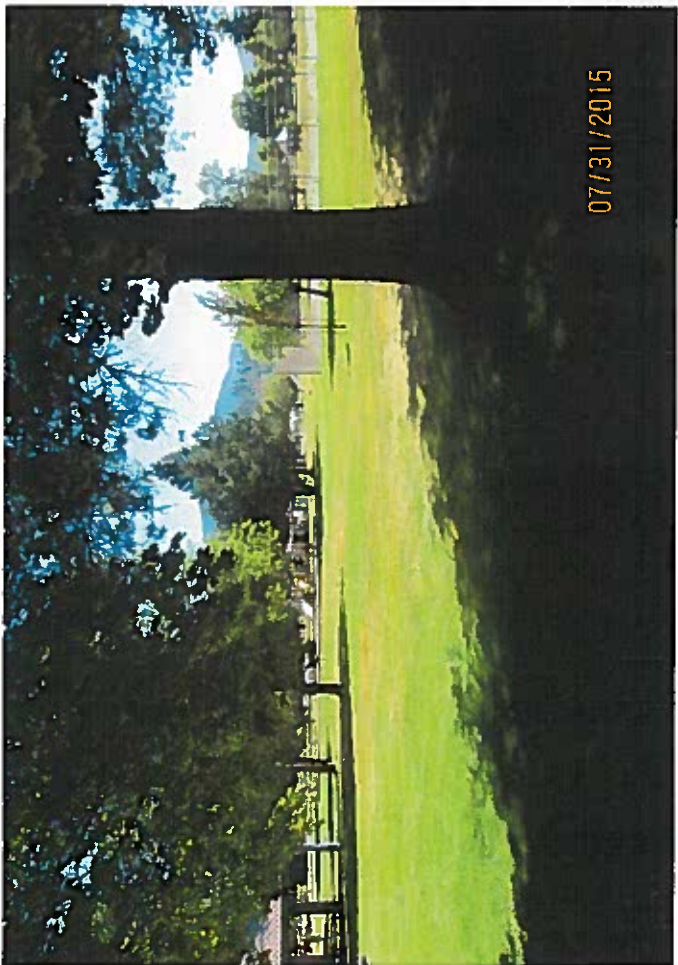
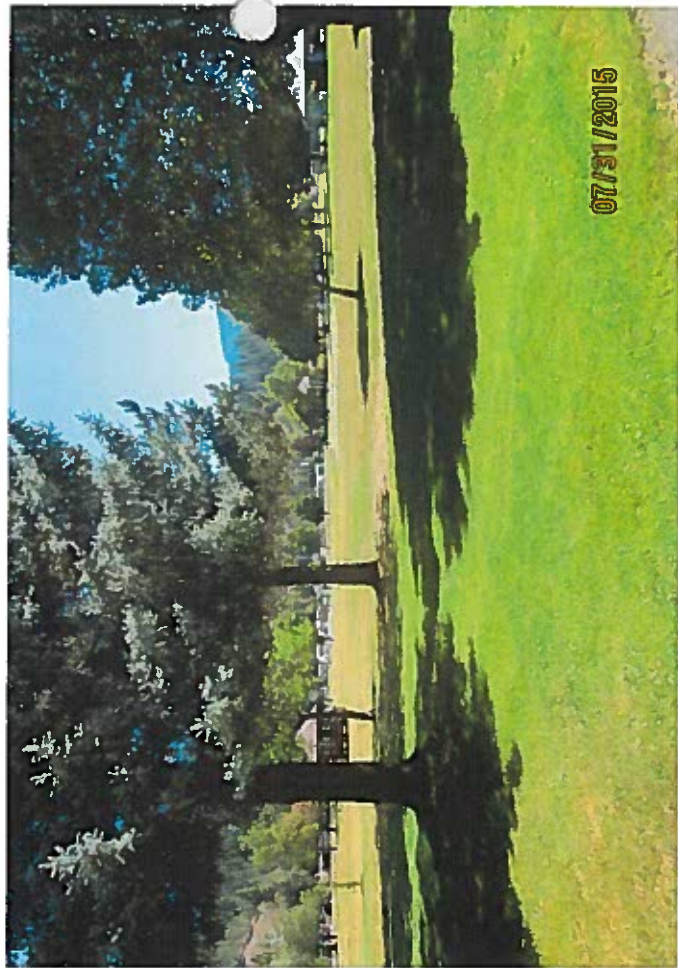
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