

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 91-7146

Exam Date: 6/15/2007

1. Current Owner: ROBBIE CASTLEBERRY
W 4625 BONNIE DR
SPOKANE WA 99204
(509)624-8384

And

VICTOR CASTLEBERRY
W 4625 BONNIE DR
SPOKANE WA 99224
(509)624-8384

2. Accompanied by: ROBBIE AND VICTOR CASTLEBERRY

Phone No: SAME AS ABOVE

Address: SAME AS ABOVE

Relationship to Permit Holder: SELF

3. SOURCE

ST JOE RIVER

TRIBUTARY

COEUR D'ALENE LAKE

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:

ST JOE RIVER

L12 SW1/4SW1/4

Sec. 4,

Twp 45N,

Rge 03E, B.M.

SHOSHONE County

Method of Determination: GPS

2.

PLACE OF USE:

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
45N	03E	4											2.0						2.0
													L 12						

Total Acres: 2

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 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 Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: 5 gallon bucket
5gal in 30 seconds

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

$$10 \text{ gpm} = 0.02 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \times 3 = 6 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .02 \times 214 \times 1.9835 = 8.5 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM PULLS WATER OUT OF THE ST JOE RIVER FOR THE IRRIGATION OF 2 ACRES. A MEASUREMENT OF 5 GALLONS IN 30 SECONDS WAS TAKEN.

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	04/01 to 10/31	0.020 CFS	
<u>Totals:</u>		0.020 CFS	6.00 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: [Signature] Date: 6-19-07

Reviewer: [Signature] Date: 6/19/07

91-7146



-  GCDB46N03E GCDB
-  GCDB45N03E GCDB
-  Right POD
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp





PLACE OF USE #1



PLACE OF USE #2



POINT OF DIVERSION



SYSTEM







