

0 .10 .20 .30 .40 .50 .60 .70 .75 .80

75-07525

55

Date 3/21/96 DISCHARGE MEASUREMENT NOTES

River at

[illegible]

No. 1 of 1 Sheets. Comp. by A. M. L. Chk. by _____

.0 .10 .20 .30 .40 .50 .60 .70 .75

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 75-7525

Exam Date: 3/21/1996

1. Current Owner: MARIANNE L MIHALKA
PO BOX 138
CARMEN ID 83462-0138
(208)756-6180

Or

JOHN MIHALKA
PO BOX 138
CARMEN ID 83462-0138
(208)756-6180

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE**

GROUND WATER
SPRING

TRIBUTARY

CARMEN CREEK
CARMEN CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 75-7425
2. Other water rights with the same point of diversion:

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

GROUND WATER	SW1/4SE1/4	Sec. 8,	Twp 22N,	Rge 22E, B.M.
LEMHI County				
SPRING	SW1/4SE1/4	Sec. 8,	Twp 22N,	Rge 22E, B.M.
LEMHI County				

Method of Determination:

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					
22N	22E	8															2.4	2.4	

Total Acres: 2.4

IRRIGATION STORAGE same as IRRIGATIONIRRIGATION FROM STORAGE same as IRRIGATION

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: Metered flow:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Stream Width .5 feet, Dept .12 feet, Revolutions 30 in 49 seconds. Area = .06 discharge = .6x.06= .036.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.4 \times 3.5 = 8.4$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .04 \times 1.9835 \times 214 = 16.98$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 8.4$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Water is collected from spring flow into a pond. A 4 inch PVC Pipe (intake-northeast side of roadway) is used to move water to a pump approximately 200 feet away from the spring source/pond. Water is then pumped via a 3 inch portable main line to several points where 3 inch laterals can be connected. The pond is approximately one half acre and is 20 feet deep.

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	0.040 CFS	8.40 AF
IRRIGATION STORAGE	04/01 to 10/31		0.30 AF
IRRIGATION FROM STORAGE	04/01 to 10/31		0.30 AF
<u>Totals:</u>		0.040 CFS	8.70 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 Trent Halbrach Date 2-6-07

Reviewer _____ Date _____

JOHN MIHALKA

IRRIGATION

1 of 4



PERMIT
NUMBER

75-07525

JOHN MIHALKA

IRRIGATION

254



PERMIT
NUMBER

75-07525

11/11/25

FIELD EXAM NOTES

EXAM # 75-07925

DATE OF EXAM 3/21/96

PERMITEE NAME John Michaluk

OTHER WATER RIGHTS SAME POD No - only person on spring
Non-Consumption - Recreation

OTHER WATER RIGHTS SAME POU 75-07630

PUMP #1 HP 2 MAKE Mayne SERIAL # 5K39001004 BX
COLOR AND DESCRIPTION Black Motor / Green Pump
OUTPUT DIAMETER 1 1/2 SYSTEM PRESSURE 30-35 PSI WELL DEPTH 24'
STATIC H2O _____ WELL DEPTH _____ DYNAMIC PUMP _____
PSI GAGE TYPE _____ CHECK VALVE [Y] [N] GATE VALVE [Y] [N]

PUMP #2 HP _____ MAKE _____ SERIAL # _____
COLOR AND DESCRIPTION _____
OUTPUT DIAMETER _____ SYSTEM PRESSURE _____ PSI WELL DEPTH _____
STATIC H2O _____ WELL DEPTH _____ DYNAMIC PUMP _____
PSI GAGE TYPE _____ CHECK VALVE [Y] [N] GATE VALVE [Y] [N]

BOOSTER PUMP #1 HP _____ MAKE _____ SERIAL # _____
COLOR AND DESCRIPTION _____

BOOSTER PUMP #2 HP _____ MAKE _____ SERIAL # _____
COLOR AND DESCRIPTION _____

CIRCLE PIVOT [Y] [N] NUMBER OF TOWERS _____ PIVOT LENGTH _____
PRESSURE [H] [L]

HAND LINES (Y) [N] NUMBER OF LINES 3 LENGTH OF LINES 25' between
5/32 9-2" 150' total
RAIN BIRDS PER LINE 11/64 16-3" NOZZEL DIAMETER _____

SURFACE WATER TYPE OF MEASUREING DEVICE _____

AA METER PIGMY METER WEIR OR FLUME BUCKET/WATCH _____/_____

