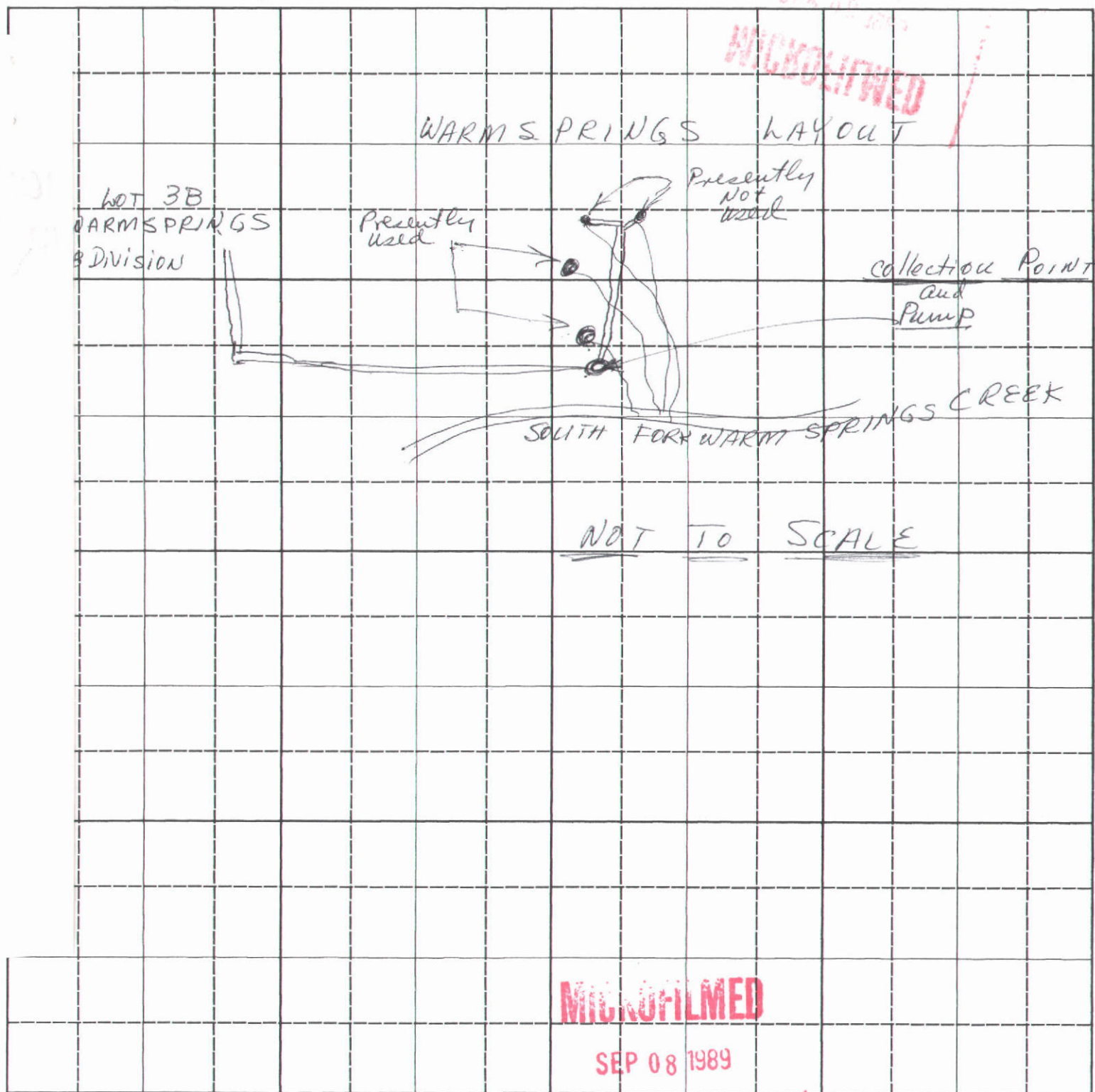


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

x Ln D Jannis
(Applicant)

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 65-13050

Proposed Priority: February 7, 1989 Maximum Diversion Rate: 0.10 CFS

This is to certify, that **LON JARVIS**
RENÉE JARVIS
HC 76 BOX 4213
GARDEN VALLEY, ID 83622
has applied for a permit to appropriate water from:

SPRINGS tributary of **WARM SPRINGS CREEK**

and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
HEATING	01/01 to 12/31	0.06 CFS
DOMESTIC	01/01 to 12/31	0.04 CFS
	Totals	0.10 CFS

LOCATION OF POINT(S) OF DIVERSION: SENWSW Sec. 33, Township 10N, Range 04E
BOISE County

PLACE OF USE: HEATING

TWN RGE SEC

10N 04E 33 NWSW

PLACE OF USE: DOMESTIC, same as HEATING use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 1991.
2. Subject to all prior water rights.
3. The issuance of this permit in no way grants any right-of-way or easement across the land of another.
4. Water used under this permit if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
5. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
6. Use of water under this permit is subject to control by the watermaster of State Water District No. 65L.
7. Domestic use is for two homes.

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State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 65-13050

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

31st day of August, 1987.

J. Glen Saylor
for R. Keith Higginson, Director

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SEP 08 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 65-13050

To appropriate the public waters of the State of Idaho

1. Name of applicant Lon and/or Renee Jarvis Phone 462-3394
Post office address HC 76, Box 4213 Garden Valley, Id. 83622
2. Source of water supply springs which is a tributary of Warm Springs Creek
3. Location of point of diversion is SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot _____
Sec. 33 Township 10N Range 4E B.M. Boise County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .04 for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount .06 for Heating purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .10 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. gravity feed CPVC or steel pipe to collection point, then pump to use area (approx. 600')
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage _____ to _____ inclusive.
 - c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? _____
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 years (minimum 1 year).

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12. Remarks: Point of diversion also known as Lot 3B, Warm Springs subdivision.

If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. *Easement from original purchaser*

b. Who owns the land to be irrigated or place of use? Applicants

11. a. Who owns the property at the point of diversion? Castle Mtn. Owners Association

10. Describe any other water rights used for the same purposes as described above.

Total number of acres to be irrigated.

[illegible]

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (*example: D for Domestic*) in the corresponding place of use below. See instructions for standard symbols.

9 Description of place of use:

Flow to Warm Springs Creek

e. Other, describe fully. space heating using heat exchange then return

d. Domestic; show number of households.

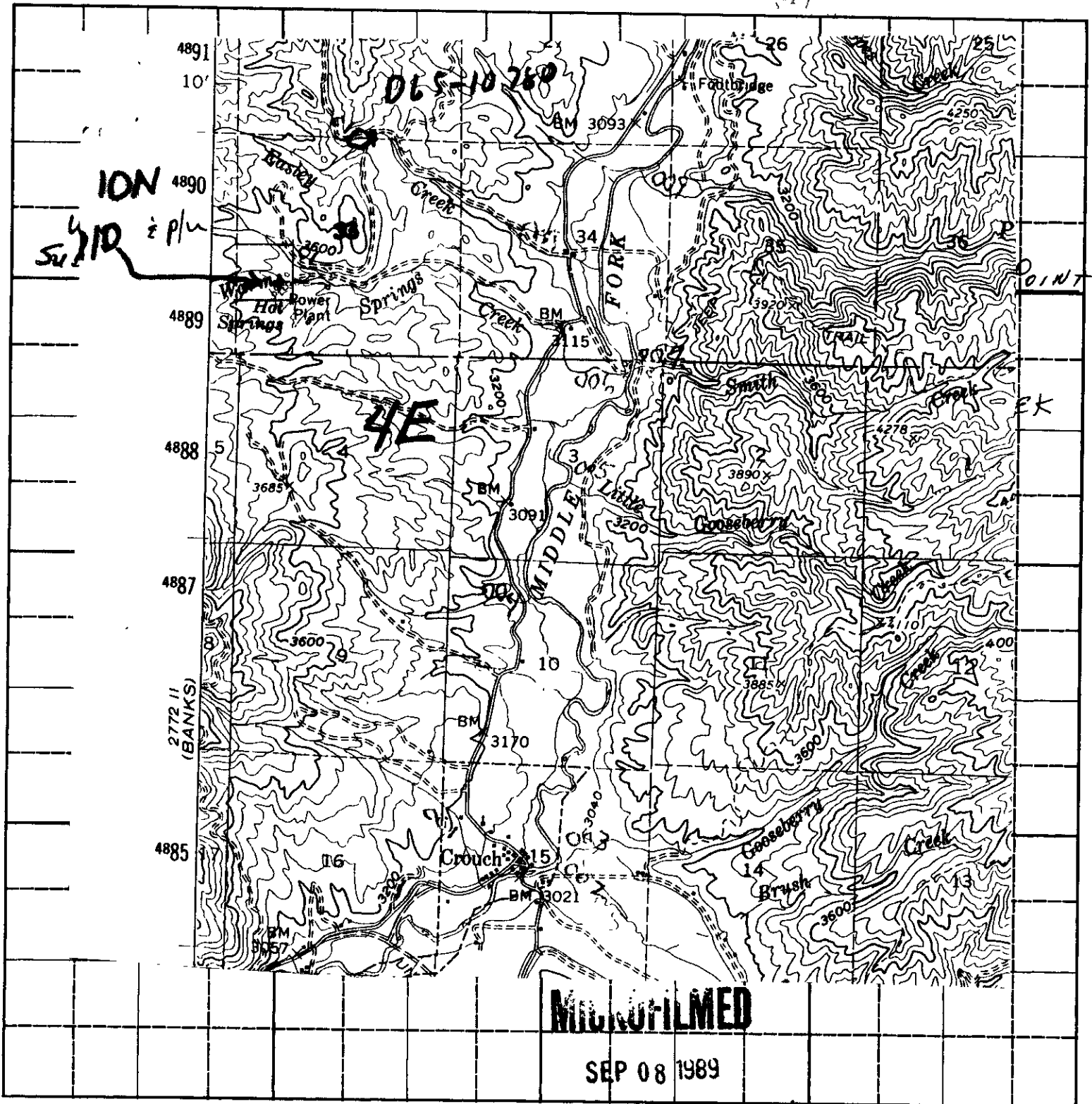
c. Municipal, show name of municipality.

b Stockwatering; list number and kind of livestock.

a. Hydropower; show total feet of head and proposed capacity in KW.

8. Description of proposed uses (if irrigation only, go to item 9).

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

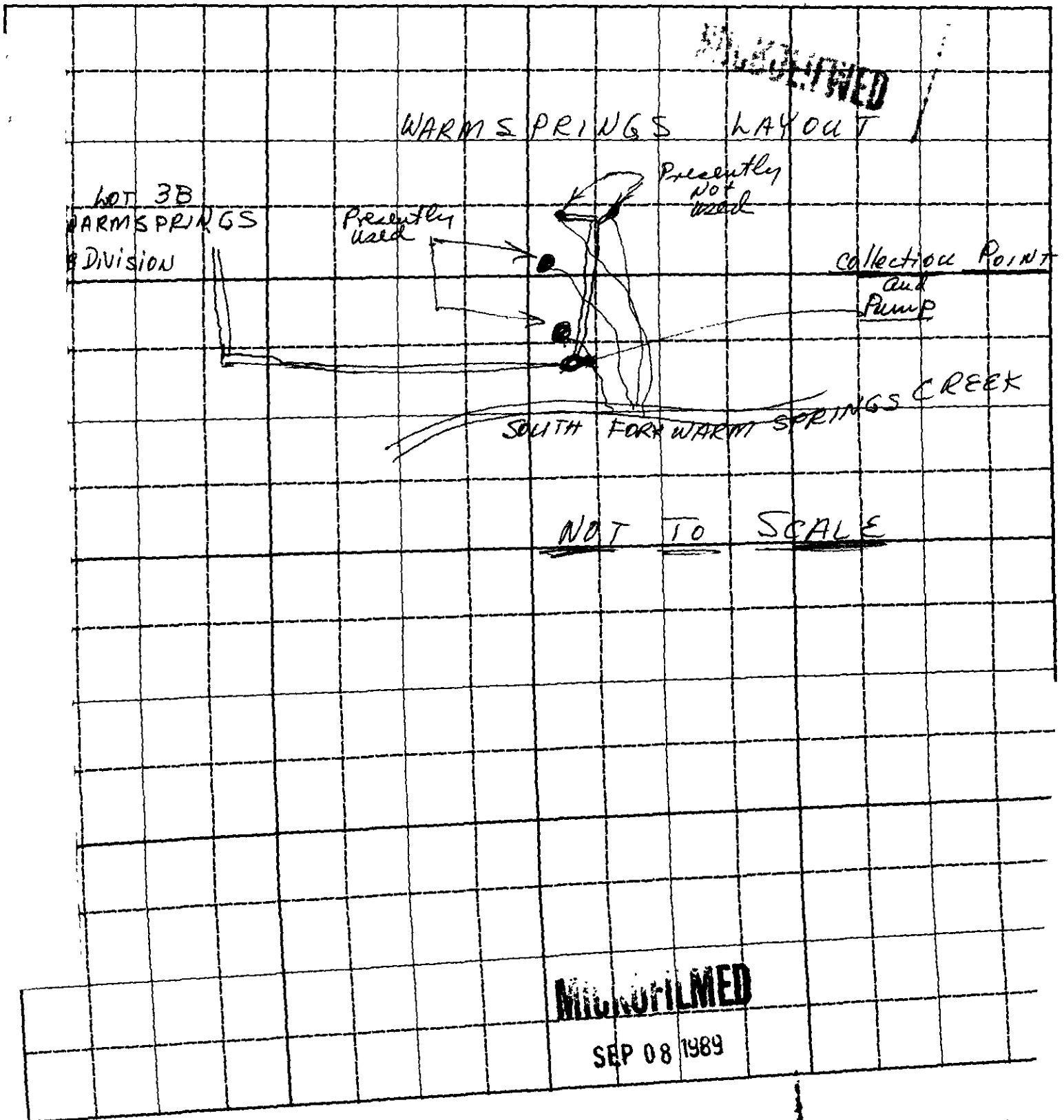


Scale 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

x *Lm D Jannis*
(Applicant)

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

x Ln D Jannis
(Applicant)

Received by nl kw Date 2-8-89 Time 3:00 p.m. Preliminary check by gg
Fee \$ 30.00 Receipted by kw # C005417 Date 2/7/1989
Publication prepared by GG Date 5/31/89 Published in Idaho World
Publication approved st Date 7-7-89
6/7 & 6/14/89

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before

_____, 19 ____.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other:

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SEP 08 1989

Original front pg., revised as indicated
R 5/22/89

Form 202
6/85

Ident. No. 65-13050

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1 Name of applicant LON & RENEE JARVIS Phone 462 3394
Post office address HCT6 BOX 4213 Garden Valley ID 83622

*** 2. Source of water supply WARM SPRINGS which is a tributary of WARM SPRINGS CREEK
~~MIDDLE FORK Payette~~

* 3. Location of point of diversion is SE NW SW SW 1/4 of SW 1/4, Govt. Lot _____
Sec. 33 Township 10 N Range 4 E B.M. BOISE County; additional
points of diversion if any: _____

** 4. Water will be used for the following purposes:

Amount .04 for DOMESTIC purposes from Dec 31 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .06 for Heating purposes from Dec 31 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) .10 and/or (b) 1.2 N/A R 5/22/89
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Gravity feed CPVC
or steel to collection point then pump to
use area (approx 600 feet)

b. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage
_____ to _____ inclusive.

c. Proposed well diameter is N/A inches; proposed depth of well is _____ feet.

d. Is ground water with a temperature of greater than 90°F being sought? _____

7. Time required for the completion of the works and application of the water to the proposed beneficial use is
2 years (minimum 1 year).

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* Clarified from map 5-11-89 RR

** TAKEN from letter of 2-22-89 RR

** TAKEN from USGS 2-11-89 RR

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower, show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. 2

e. Other; describe fully. space heating using heat exchangers
then return to Warm Springs creek

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
10N	4E	33																	

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. NONE

- 11 a. Who owns the property at the point of diversion? Castle Mt Owners Association
- b. Who owns the land to be irrigated or place of use? LON & Renee JARVIS
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. EASEMENT FROM ORIGINAL Purchase

* 12. Remarks: POD Legal land description is also known as Lot 3B of the Warm Springs Subdivision.

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* TAKEN from map RR

Legal Notices Legal Notices Legal Notices Legal Notices

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho

63-10716

BOISE HOLCOMB WATER ASSN.
C/O STEVE H EYCHISON
HC 33, BOX 4095
BOISE, ID 83706

Source GROUNDWATER, Diversion Pt NWNW Sec 29 T05N R04E, Use DOMESTIC (250 CFS), Date Filed 5/12/1989, In T05N 404E S29 NWNW, S30 NENE

63-10797

MORES CREEK RIM RANCHES
HC 33, BOX 1157
BOISE, ID 83706

Source GROUNDWATER, Diversion Pt NWSW Sec 27 T04N R04E, Use DOMESTIC (330 CFS), IRRIGATION (300 CFS), Date Filed 5/23/1989, In T04N R04E S27 SWNW NWSW, S28 LOT 2 (SENE) NESE, 15.0 ACRES TOTAL

63-10799

AUCOIN, JOE L
10999 ARCH ST
BOISE, ID 83704

Source SPRING, Tributary SINKS, Diversion Pt SESESE Sec 8 T 04N R 04E, Use DOMESTIC (040 CFS), Date Filed 5/17/1989, In T04N R04E S08 SESE

63-10800

GERMAN, RUBY
2060 STEWART RD
KUNA, ID 83634

Source GROUNDWATER, Diversion Pt NESE Sec 28 T 04N R 04E, Use DOMESTIC (020 CFS), IRRIGATION (090 CFS), Date Filed 5/19/1989, In T04N R04E S28 NESE, 3.0 ACRES TOTAL

63-10804

PAHLA, NRY C.
PAHLAS, KAREN K.
P.O. BOX 1774
BOISE, ID 83701

Source SPRING, Tributary SINKS, Diversion Pt SWNESW Sec 30 T 04N R 04E, Use DOMESTIC (020 CFS), Date Filed 5/16/1989, In T04N R04E S30 NESW

65-12940

GODBOU1, NORMAN
GODBOU1, CAROL
HC 76, BOX 1096
RIVERS POINT
BANKS, ID 83602

Source PAYETTE RIVER, SOUTH FORK, Tributary PAYETTE RIVER, Diversion Pt LOT 4 (SWNW) Sec 21 T09N R04E, Use IRRIGATION (020 CFS), Date Filed 12/21/1988, In T09N R04E S21 Lot 4 (NWNW) 0.5 ACRES TOTAL

65-12997

LA LANDE, EUGENE P
LA LANDE, LA VELLE
HC 76, BOX 2371
GARDEN VALLEY, ID 83622

Source SKID ROAD CREEK, Tributary PAYETTE RIVER, MIDDLE FORK, Diversion Pt NENW Sec 13 T 10N R04E, Use IRRIGATION (030 CFS), Date Filed 4/04/1989, In T10N R04E S13 NENW, 1.0 ACRES TOTAL

65-13015

POWELL, JAMES D
POWELL, OPAL B
914 N MIDLAND BLVD. #27
NAMPA, ID 83651

Source SPRING, Tributary SINKS, Diversion Pt SWSWSE Sec 14 T 10N R 04E, Use DOMESTIC (020 CFS), IRRIGATION (030 CFS), Date Filed 4/18/1989, In T10N R04E S14 SWSE, 1.0 ACRES TOTAL

65-13016

KRAMER, DORRIS L
LUBERIN, HARRY

HC 3, BOX 1153
GARDEN VALLEY, ID 83622

Source GROUNDWATER, Diversion Pt LO 2 (NWNE) Sec 3 T 09N R 04E, Use DOMESTIC (040 CFS), Date Filed 4/18/1989, In T09N R04E S03 (NWNE)

65-13020

HUNNICUTT, MARGARET
ROE, EMMAJEAN
6717 ASHLAND DR
BOISE, ID 83705

Source GROUNDWATER, Diversion Pt SESE Sec 14 T 10N R 04E, Use DOMESTIC (040 CFS), Date Filed 5/01/1989, In T10N R04E S14 SESE

63-13025

SCENIC PROPERTIES WATER ASSN
6143 DENTON ST
BOISE, ID 83704

Source SPRINGS, Tributary PAYETTE RIVER, SOUTH FORK, Diversion Pt SWNW Sec 18 T 09N R 09E, SENWNE Sec 18 T 09N R 09E, NESWNE Sec 18 T 09N R 09E, NWSWNE Sec 18 T 09N R 09E, Use DOMESTIC (400 CFS), Date Filed 5/10/1989, In T09N R09E S18 SENE Lot 3 (NESE) NWSE Lot 6 (SWSE, Lot 3 (SESE)

65-13027

PINE TREE RANCH INC
C/O LARRY THORGARD
PINE TREE RANCH
GARDEN VALLEY, ID 83622

Source GROUNDWATER, Diversion Pt NWNE Sec 34 T 10N R 04E, Use DOMESTIC (240 CFS), IRRIGATION (320 CFS), Date Filed 5/10/1989, In T10N R04E S27 SWSE SESE, S34 NENE NWNE, 16.0 ACRES TOTAL

65-13033

FRISBIE, GENEVIEVE
FRISBIE, ROBERT
HC 76, BOX 3130
LOWMAN, ID 83637

Source SPRING, Tributary SINKS, Diversion Pt NESENE Sec 18 T 09N R 09E, Use DOMESTIC (020 CFS), Date Filed 5/15/1989, In T09N R09E S18 SENE

65-13036

TUCKER, JOHN T
TUCKER, PILAR E
P.O. BOX 87
GARDEN CITY, ID 83622

Source SPRING, Tributary SINKS, Diversion Pt NESWNW Sec 26 T 09N R 04E, Use STOCKWATER (030 CFS), Date Filed 5/15/1989, In T09N R04E S26 SWNW

65-13037

MARSTON, VIRGINIA
TUCKER, JOHN T
TUCKER, JAMES W
C/O JOHN T TUCKER
GARDEN VALLEY, ID 83622

Source SPRING, Tributary SINKS, Source POND, Tributary SINKS, Diversion Pt SWSWNW Sec 26 T 09N R 04E, SWNESE Sec 27 T 09N R 04E, Use IRRIGATION (200 CFS), IRRIGATION STORAGE (50 AF), IRRIGATION FROM STORAGE (50 AF), STOCKWATER (030 CFS), STOCKWATER STORAGE (50 AF), Date Filed 5/15/1989, In T09N R04E S26 SWNW, S27 NESE, 10.0 ACRES TOTAL

65-13043

BIGGERS, GARY C
RT 1, BOX 91
SWEET, ID 83670

Source SPRING, Tributary BROWNLEE CREEK, Diversion Pt NWSWSW Sec 4 T 07N R 02E, SWSWSW Sec 4 T 07N R 02E, Use STOCKWATER (020 CFS), Date Filed 5/17/1989, In T07N R02E S04 SWSW

65-13044

ALLISON, RICHARD
1040 E. PINE
MERIDIAN, ID 83642

Source SPRING, Tributary SINKS, Diversion Pt NWSENW Sec 15 T 09N R 04E, Use DOMESTIC (030 CFS), STOCKWATER (020 CFS), Date Filed 5/17/1989, In T09N R04E S15 SENW

65-13017

LER, DAVIN
LER, PAM
HC 76, BOX 2155
GARDEN VALLEY, ID 83622

Source UNNAMED STREAM, Tributary PAYETTE RIVER, MIDDLE FORK, Diversion Pt NWSW Sec 15 T 09N R 04E, Use DOMESTIC (040 CFS), Date Filed 5/23/1989, In T09N R04E S15 NWSW

65-13048

OLSON, THORIS L
OLSON, JR, INGVE H
2531 MARLETTE LN
BOISE, ID 83706

Source GROUNDWATER, Diversion Pt SWSW Sec 23 T 09N R 04E, Use IRRIGATION (160 CFS), STOCKWATER (020 CFS), DOMESTIC (040 CFS), Date Filed 4/18/1989, In T09N R04E S23 SWSW, 8.0 ACRES TOTAL

65-13049

LEEZER, LOUIS R
HC 76, BOX 2546
GARDEN VALLEY, ID 83622

Source WARM SPRINGS CREEK, Tributary PAYETTE RIVER, MIDDLE FORK, Diversion Pt NWSW Sec 33 T 10N R 04E, Use IRRIGATION (200 CFS), Date Filed 4/10/1989, In T10N R04E S34 SWSW, 10.0 ACRES TOTAL

65-13050

JARVIS, LON
JARVIS, RENEE
HC 76, BOX 4213
GARDEN VALLEY, ID 83622

Source SPRINGS, Tributary WARM SPRINGS CREEK, Diversion Pt SENWSW Sec 33 T 10N R 04E, Use HEYING (060 CFS), DOMESTIC (040 CFS), Date Filed 2/07/1989, In T10N R04E S33 NWSW

65-13055

BEHRMAN, RAY
BEHRMAN, CAROLL
10485 W ROCKWOOD ST
BOISE, ID 83704

Source PAYETTE RIVER, SOUTH FORK, Tributary PAYETTE RIVER, Diversion Pt LOT 3 (NWNWNE) Sec 34 T 09N R 07E, Use DOMESTIC (040 CFS), Date Filed 5/18/1989, In T09N R07E S34, Lot 3 (NWNE)

65-13056

CHURCH OF JESUS CHRIST, LATTER DAY SAINTS
REAL ESTATE DIVISION
TWELFTH FLOOR
50 EAST NORTH TEMPLE ST
SALT LAKE CITY, UT 84150

Source GROUNDWATER, Diversion Pt SWNENW Sec 22 T 09N R 04E, Use IRRIGATION (040 CFS), DOMESTIC (040 CFS), Date Filed 5/17/1989, In T09N R04E S22 NENW SENW, 2.5 ACRES TOTAL

65-13057

THORNTON, RODNEY E
THORNTON, AVA M
RT 1
HORSESHOE BEND, ID 83629

Source GROUNDWATER, Diversion Pt LOT 10 (SWNW) Sec 2 T 07N R 02E, Use IRRIGATION (120 CFS), STOCKWATER (020 CFS), DOMESTIC (020 CFS), Date Filed 5/09/1989, In T07N R02E S02, Lot 10 (SWNW), 4.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before JUNE 26, 1989.

R KEITH HIGGINSON, Director

Published in the Idaho World, Idaho City, Idaho, June 7 & 14, 1989.

STATE OF IDAHO

County of Boise

Peter A. Wierenga, being duly sworn, deposes and says: that he is the manager and principal clerk of THE IDAHO WORLD, a weekly newspaper published at Idaho City, in the County of Boise and State of Idaho, the said paper has been and is in general circulation in the county aforesaid, and in the vicinity of Idaho City, that the advertisement, a copy of which is hereto attached, was published in said newspaper once a week for 400(2) consecutive weeks in the entire and regular issue of every number of said paper during the period and time of publication and was published in the newspaper and not a supplement; that said paper has been established and regularly and continuously published for more than seventy-eight weeks past previous to the first publication of this notice. Such notice was published in the issue beginning with 6/17, 1989 and ending with the issue of 6/19, 1989.

Peter A Wierenga

STATE OF IDAHO

County of Boise

On this 14th day of June in the year of 1989, before me, a Notary Public, personally appeared Peter A Wierenga

known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same

Peter A Wierenga
Notary Public for Idaho
Boise, Idaho
Residing at

My commission expires 9/14/94

SEP 18 1989

October 9, 1991

LON JARVIS
RENEE JARVIS
HC 76 BOX 4213
GARDEN VALLEY ID 83622

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 65-13050

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Nina Shields
Secretary/Records Manager

c: IDWR - Region

MICROFILMED

NOV 20 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 65-13050

Date 10-7-91

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address same as permit? If no, indicate below.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☒ Surface water source
☐ Ground water source
☒ Drill permit req'd?
☐ Copy in file? Drill permit no. _____
☐ Amt paid for drilling permit? _____ Correct?
☐ Well log in file?

LICENSE EXAMINATION FEE

- ☒ Required?
50.00 Amount submitted?
☒ Correct amount?

MEASURING DEVICE

- No Measuring device or access port required?
☐ Installed?
☐ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

PRIORITY CALCULATION

Date proof received NA
Date proof due _____ - _____
No. of days late _____ = _____
Priority date _____ + _____
NEW PRIORITY DATE _____ = _____

LB

RECEIVED

AUG 21 1991

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

- 1 Permit No. 65-13050 Telephone No. 462-3394
- 2 Name(s) of Permit Holder(s): LON S. JARVIS AND RENEE JARVIS
- 3 Post Office Address: HC 76 BOX 4213 GARDEN VALLEY 83622
- 4 Source of Water: SENIUSV SEC. 33 TOWNSHIP RANGE 04E BOISE County
Warm Springs Creek
 - a If ground water, well driller's name: _____ Date drilled: _____
 - b Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____
- 5 Extent of Use:

Domestic <u>2</u> (No. of households)	Irrigation _____ (No. of acres)
Stockwater _____ (No. and type of stock)	Other _____
- 6 Total rate and/or volume for which proof is submitted 0.10 cfs _____ acre/feet
- 7 Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? Yes ☒ No X Installed? Yes No

OR

Flow Measurement Port: Required? Yes ☒ No X Installed? Yes No
- 8 Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)
- 9 Person to contact to accompany the Department representative during the field examination:

<u>LON S. JARVIS</u>	<u>462-3394</u>
Name	Telephone No.
<u>HC 76 BOX 4213 Garden Valley 83622</u>	
Address	
- 10 The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Date

Aug 20/91

Signature (and title if on behalf of a company or organization)

Loni Jarvis

NOV 20 1991

138830
June 30, 1991

LON JARVIS
RENEE JARVIS
HC 76 BOX 4213
GARDEN VALLEY, ID 83622

PROOF DUE NOTICE

RE: PERMIT NO. 65-13050

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before September 1, 1991. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

MAILED

NOV 20 1991

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 334-7900
September 1, 1989

LON JARVIS
RENEE JARVIS
HC 76 BOX 4213
GARDEN VALLEY, ID 83622

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. P65-13050

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Please note the requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

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SEP 08 1989

Form No. 202a.
3/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: CC DATE: 2-14-88 APPLICATION: 65-13050

REQUIRED INFORMATION SC 5/23/89

☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume)
☒ Period of use:
☒ Nature of proposed use: (Include description of use)
☒ Description of diverting works:
☒ Time required for beneficial use of water:
☒ Place of use or acres irrigated:
☒ Map:
☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
☒ Fee:
☒ Yes ☐ No* In form to receipt:

Gov't. Lots:
N/A P/D
N/A P/U

ADDITIONAL INFORMATION

YES	NO	
☒	☐	Overlapping place of use: (Describe source & relationship to present application on the back.)
☒	☐	Overlapping point of diversion:
☐	☒	Field check required: Field check by: _____
☐	☒	Field report attached:
☐	☒	Critical groundwater area:
☐	☒	Groundwater management area:
☐	☒	Send dam safety information:
☐	☒	Send power requirement letter:
☐	☒	Send fish farm requirement letter:
☐	☒	Power residency affidavit: -
☐	☒	Power efficiency form:
☐	☒	Within trust water boundary: (If yes, attach Trust Water Supplementary Analysis Sheet.)
☐	☒	Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)
☒	☐	*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

8 2-22-1989 DATE REQUESTED: _____
Additional information on reverse side:

RECEIVED
JUL 24 1989

Department of Water Resources

YES NO

In form for advertising:
Statewide advertising:
Fee amount, receipt number and date recorded on application:

YES NO

I.D. Health and Welfare
I.D. Fish and Game
I.D. Lands
Adjudication Bureau

YES NO

U.S. BLM
U.S. Forest Svc.
Water Dist. # _____
Other _____

YES/ NO

Affidavit of publication received:
Application published correctly: If not, record action taken.

Publication dates and paper recorded on application:
Protests received. Final date for protest June 26, 1989
Protest dates, resolution of protest recorded on application:
Recommendations attached:
Measuring device required:
Measuring port required:
Water delivered by water master? District # 65-L
Special conditions of approval or cover letter:

04, 26A, Recommend that 2 years be allowed for completion of project.

Recommended Date or Priority 2/7/1989 ✓
Recommended by: Dm Date 1/20/89

P17 04 09E 26 05 (65-L, Warm Springs Creek)

See below for additional information. By fw Date 8/18/89

14 Filings SAME Legals SAME FOR HEARING: Domestic USE NOT related to this application.
Additional information furnished with letter sent 2-22-1989 to Lon Jarvis
or for investigation purposes

NOTE - application refers to flow to be discharged to Warm Springs Creek. (Iron SE)
IF HOT WATER is involved, water quality issues may be involved SE 5/22/09

Low Jarvis in 4-4-89 requesting Addition of Time to furnish information. (Grated RR)



State of Idaho
DEPARTMENT OF WATER RESOURCES
WESTERN REGION, 2735 Airport Way, Boise, Idaho 83705 • (208) 334-2190

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

February 22, 1989

Lon Jarvis
HC 76 Box 4213
Garden Valley, Idaho 83622

RE: APPLICATION FOR PERMIT

MR. Lon Jarvis

We recently received a Application For Permit from you to appropriate water for heating and domestic purposes. There are several questions that will need to be answered before the processing of your application can be completed.

1. For the source of water supply you listed WARM SPRINGS. Is the source actually from springs or the creek? From Springs
2. For the period of use you listed DEC.31 to DEC.31. Is the period of use actually year around JAN.1 to DEC.31? yes see Note
3. For the purposes the water will be used for you listed DOMESTIC AND HEATING. Will the water actually be used for domestic use?
If yes how? Domestic hot water - water chemistry OK for human consumption - water from water - from pool over flow. Water Greenham
4. For the amount of water to be appropriated for HEATING you listed .06 cfs. Was this flow rate calculated ~~estimated?~~ yes - see attached.

If this rate was calculated our office will need to review your calculations.

If this rate was estimated our office will not be able to except it without some additional criteria. To assist you in furnishing this additional information I am enclosing some material on calculating flow rates for heating systems.

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SEP 08 1989

Please return this letter with your answers and calculations to our office within 30 days, or the priority date established when your application

reached our office may be advanced. If you need any assistance in completing the above questions please contact our office.

Sincerely,

Melvin Gene Gibson

Melvin Gene Gibson
Sr. Water Resource Agent

Q#2

Plan to use energy for cooling in summer

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SEP 08 1989

APPLICATION FOR PERMIT
LON JARVIS

The following is used to calculate flow requirements.

1. Design temperature difference in Garden Valley
 $(70 - (-10)) = 80$
2. Heat transfer average construction and double glass
with more than average glass for view .67.
3. BTU/ sq. ft/hr (from water resource table) = 54

Thus, heat load = $54 \text{ BTU/ sq. ft /hr} \times 2200 \text{ sq. ft house}$
= 118,800 BTU/hr

From page 7 of ERDA/INEL report (contract #E (10-1)-1548 dated 1976, states that temperature drops across a hot air coil "are usually 20 F or less but can be as much as 50 F where incoming water temperatures permit." Personal experience has shown that we can achieve about 40 with 155 input water by use of high efficiency coils. The water Temp at the source is 165 with a line loss of 10 over 500 ft. distance using 2" CPVC pipe flowing at 50 gpm.

Thus, the heat output is equal to pounds of water/hr x 40 heat drop = 118,800 BTU/hr. Pounds of water = $118,800/40 = 2970$
Therefore, $2970/60 = 49.5 \text{ lbs/min}$ or $49.5/8.3 = 5.96 \text{ gal/min}$.

The greenhouse will be $20 \times 40 = 800 \text{ sq. ft}$.
Efficiency = $1.22 \times 80 \text{ design temp difference} = 97.6 \text{ BTU/hr/ft}$.
OR $97.6 \times 800/40/60/8.3 = 3.9 \text{ gal/min}$
NOTE: 1.22 from Oregon Institute of Technology studies.

16 x 32 swimming pool (not enclosed) requires 12 gpm to maintain 100 F , especially during snow or slight wind. This is actual experience measuring flow-through in existing pools.

Additional Use:

All discharge lines are routed to remove snow from driveways, sidewalks and decks. In addition, roofs are heated to move snow and prevent ice from plugging drains.

Garage: $22 \times 24 = 528 \text{ sq. ft}$
Design Temp 60
Thus, $t_i - t_o = 70 \text{ } e = .67$
Therefore, $\text{BTU/hr/sq.ft} = 47$
 $47 \times 528/40/60/8.3 = 1.2 \text{ gal/min}$

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SEP 08 1989

APPLICATION FOR PERMIT
LON JARVIS

RECAP GAL/MIN

House	5.96
Greenhouse	3.9
Garage	1.2
Pool & Hot tub	12.0

23.06

15% allowance for error
in water input temp. &
efficiency

3.45

26.51

$26.51/7.48/60$
 $= .059 \text{ cu ft/sec}$

Future use: Expansion system cooling thus, we would propose
energy use 12 mos/yr

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Page 2 of 2

SEP 11 1961

65-13050

JARVIS, LON
JARVIS, RENEE
HC 76 BOX 4213
GARDEN VALLEY, ID 83622

Source: SPRINGS

Tributary: WARM SPRINGS CREEK

Diversion Pt: SENWSW Sec 33 T 10N R 04E

Use: HEATING (.060 CFS)
DOMESTIC (.040 CFS)

Date Filed: 2/07/1989

In: T10N R04E S33 NWSW

...FILMED

SEP 08 1989