

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 45-07564

Priority: November 20, 1984

Maximum Diversion Rate: 0.02 CFS
Maximum Diversion Volume:¹ 3.6 AF

This is to certify, that DONALD J. CHISHOLM
P.O. BOX 1118
BURLEY, ID 83318

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated November 20, 1984; and has submitted Proof of Beneficial Use on June 20, 1985. An examination indicates that the works have a diversion capacity of .040 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
HEATING	01/01 to 12/31	0.02 CFS	2.9 AF
COOLING	01/01 to 12/31	0.01 CFS	0.7 AF
	Totals	0.02 CFS	3.6 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 20, Township 10S, Range 23E
CASSIA County

PLACE OF USE: HEATING

TWN RGE SEC

10S 23E 20 NWSE

PLACE OF USE: COOLING, same as HEATING use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.

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MAY 31 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 45-07564

CONDITIONS/REMARKS:

6. Use of water under this water right is subject to control by the watermaster of State Water District No. 01

This license is issued pursuant to the provisions of Section 42-219, Idaho Code, Witness the seal and signature of the Director, affixed at Boise, this 24th day of APRIL, 1990.

Acting for


R. Keith Higginson, Director

RECORDED

MAY 31 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 45-7564
RECEIVED

APPROVED 984

To appropriate the public waters of the State of Idaho
Department of Water Resources
Southern District Office

1. Name of applicant Donald J. Chisholm Phone 678-9181

Post office address P.O. Box 1118, Burley, Idaho 83318

2. Source of water supply ground water which is a tributary of N/A

3. Location of point of diversion is NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 20 Township 10 South
Range 23 E.B.M. Cassia County, additional points of diversion if any: none

4. Water will be used for the following purposes:

Amount 0.04 cfs for Heating/ Cooling purposes from Jan 1 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)

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

5. Total quantity to be appropriated:

15 gallons per minute for up to 10 hours per day for heat pump for heating & cooling office.

a. 0.04 cubic feet per second and/or b. acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well & pump

b. Height of storage dam feet, active reservoir capacity acre-feet; total reservoir capacity acre-feet, materials used in storage dam:

Period of year when water will be diverted to storage to inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 6 5/8 inches; proposed depth of well is 76 feet.
See attached driller's report

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 20 Township 10 South
Range 23 E.B.M. Lots 28 & 29 of Block 122 of Burley Townsite.

(2) Amount of power to be generated: N/A horsepower under feet of head.

(3) List number of each kind of livestock to be watered N/A

(4) Name of municipality to be served N/A, or number of families to be supplied with domestic water .

(5) If water is to be used for other purposes describe: Heat source for heat exchanger for heat pump and coolant for heat pump for heating and air conditioning a 3700 sq. ft. office building.

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

[illegible]

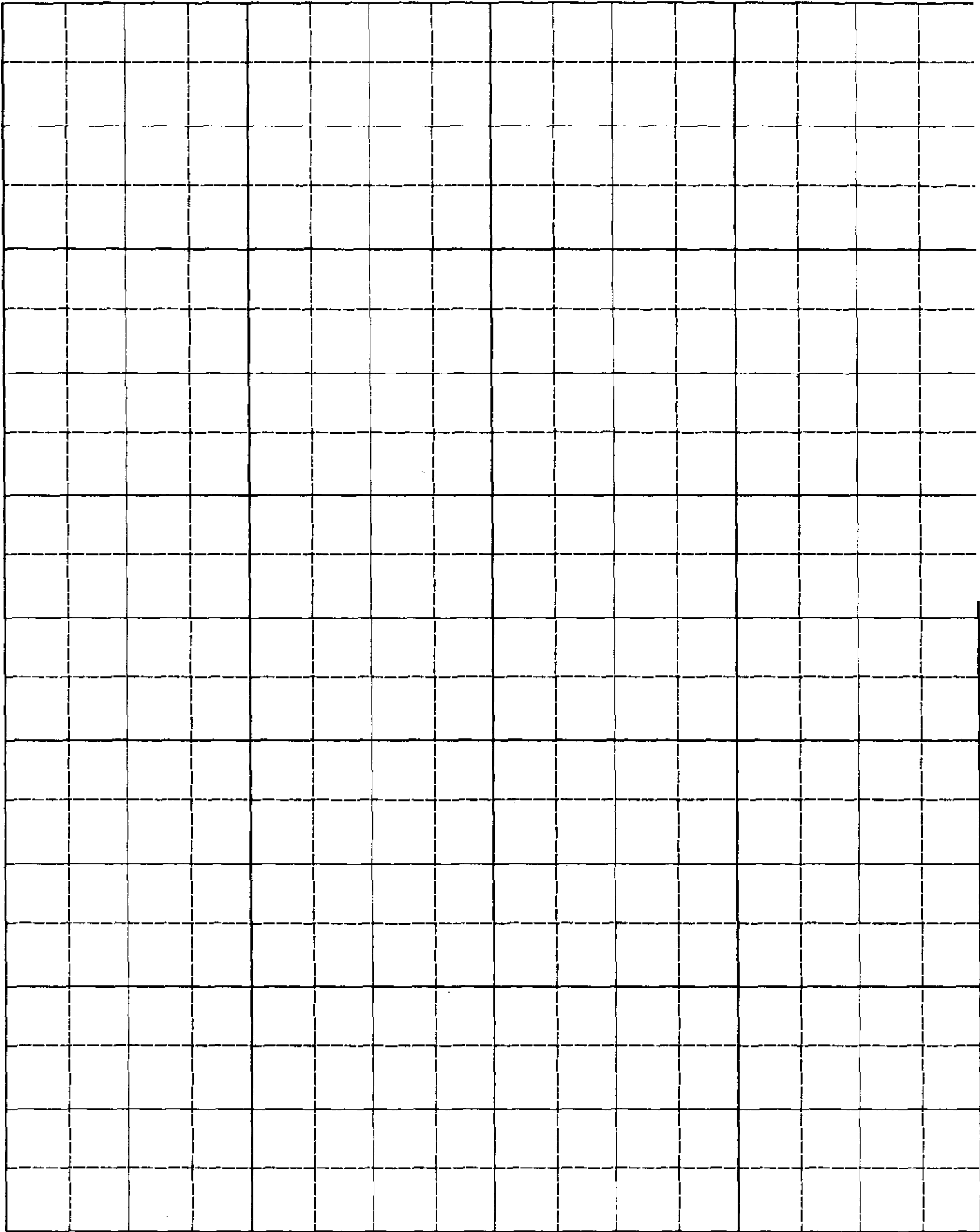
c. Describe any other water rights used for the same purposes as described above. none

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks _____

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

SEE ATTACHED MAP OF CITY OF BURLEY



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.

11-19-89

Donald Chisholm
(Applicant)

MICROFILMED

Proposed Priority 11/20/84

MICROFILMED

Received by marisa Date 11/20/84 Time 11:30 a
Preliminary check by gp Fee \$ 30.⁰⁰ # 35223
Receipted by marisa Date 11/20/84
Publication prepared by marisa Date 11/27/84
Published in South Ida Press
Publication dates 12/6 + 12/13/84
Publication approved marisa Date 12/6/84
Protests filed by: None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by Adm kw

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

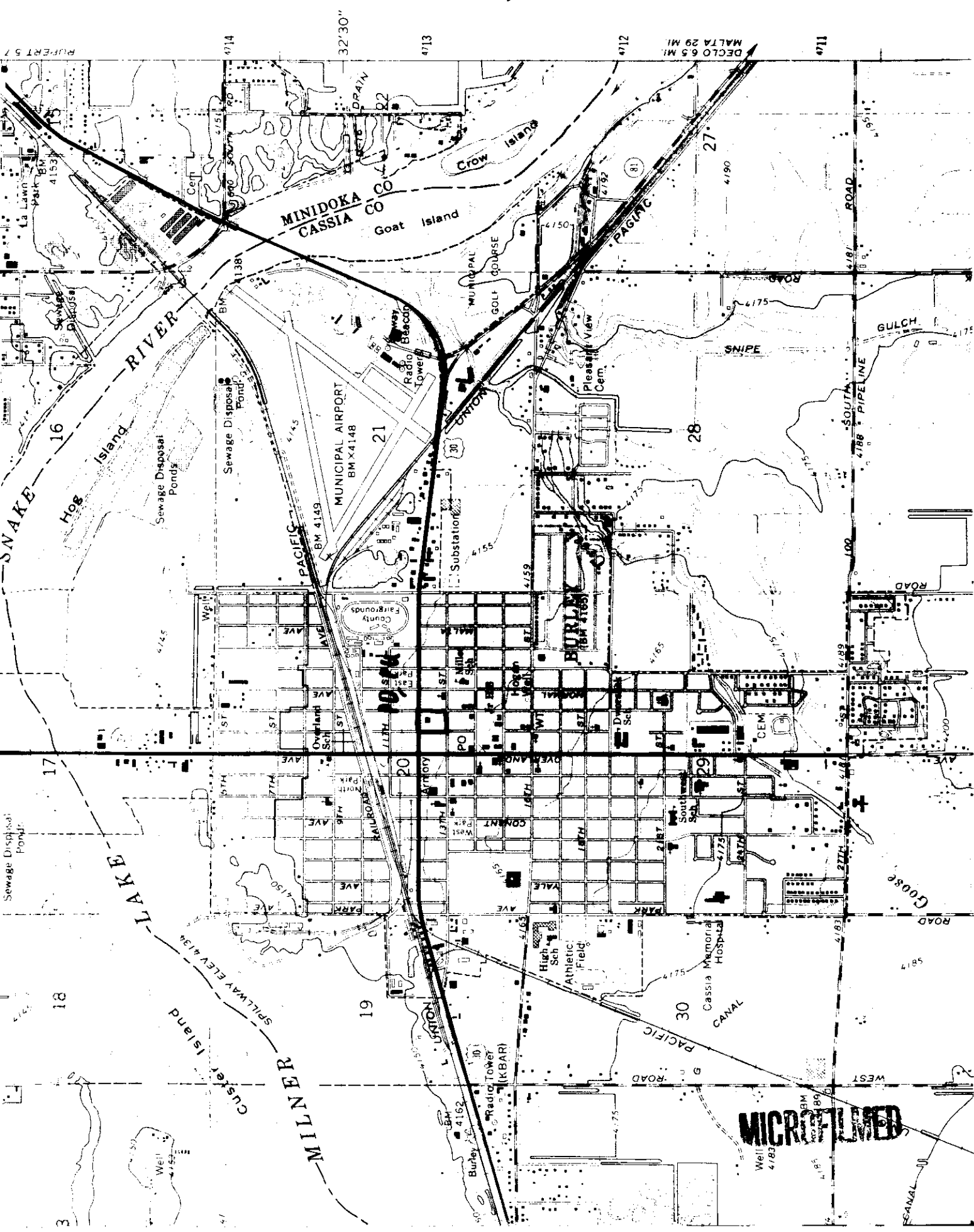
This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 45-7564, and said application is hereby APPROVED.

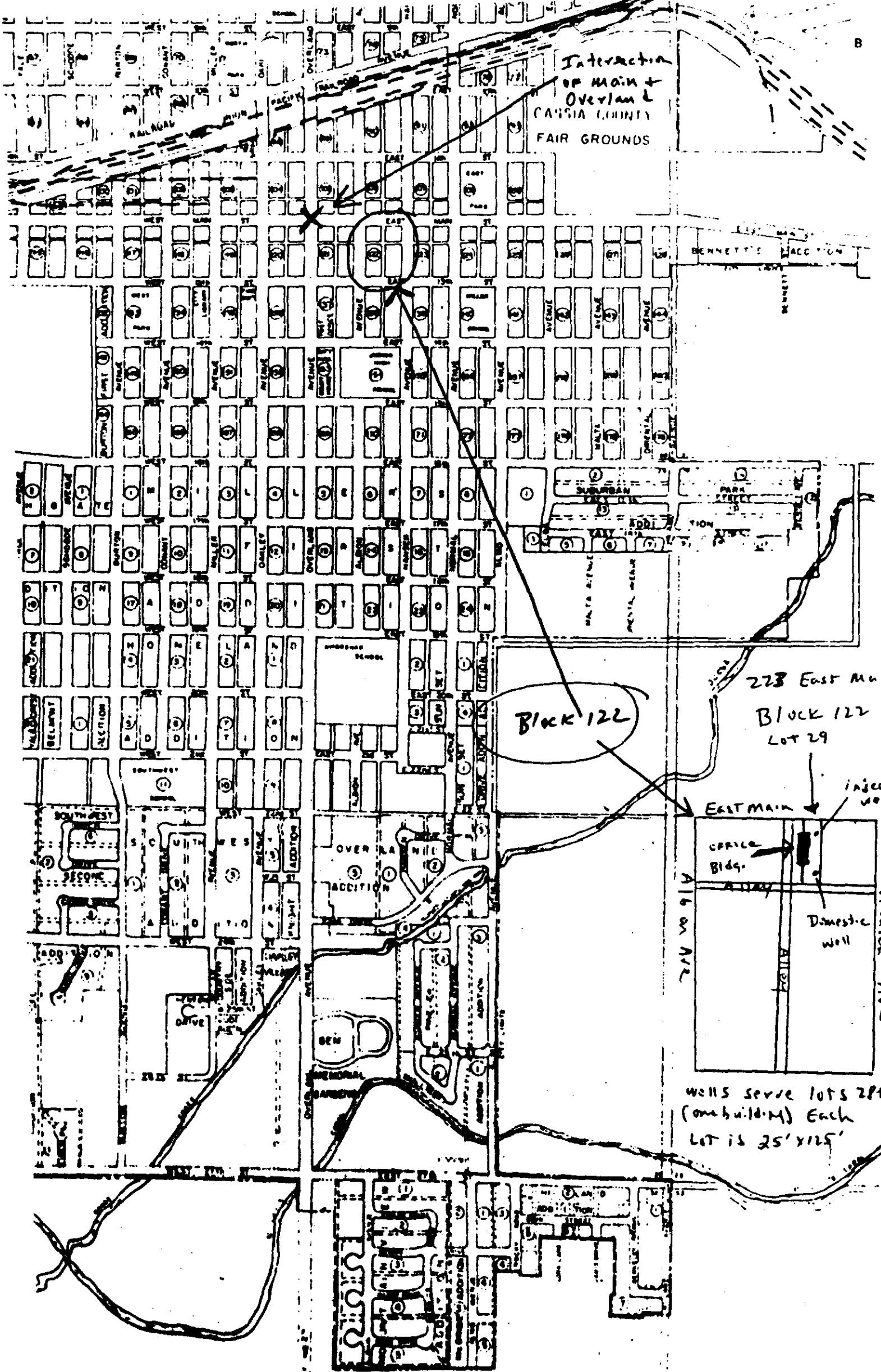
1. Approval of said application is subject to the following limitations and conditions:

- 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 April 1, 19 86.
- 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. Other: Return water shall be treated to insure that the effluent meets Idaho Water Quality Standards.
Use of water under this permit shall be non-consumptive.
Use of water under this permit is subject to control by the watermaster of State Water District No. 01, Snake River.

Witness my hand this 18th day of March, 1985.

A. Glen Saxton
Chief, Operations Bureau





City of Berkeley Townsite

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SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
STATE OF IDAHO) ss.

Patty Staker, being first

duly sworn, deposes and says that..She is the

Ex. Secretary of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for 2

consecutive weeks, commencing with the issue

dated Dec. 6 1984, and ending

with the issue dated Dec. 13, 1984.

Patty Staker

Subscribed and sworn to before me

this 18th day of Dec.

1984.

Kenneth Dunn

Notary Public

Cost of Publication \$38.72

Notary Fee .50

Total Cost \$39.22

RECEIVED

DEC 19 1984

Department of Water Resources
Boise District Office

No. 84-306

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

45-7564

CHISHOLM, DONALD J.

P.O. BOX 1118, BURLEY, ID 83318

Source: GROUNDWATER

Date Filed: 11-20-1984

Diversion Pt: NWSE Sec 20 T 10S R 23E

Use: HEATING (0.04 CFS)

COOLING (0.04 CFS)

In: NWSE Sec 20 T 10S R 23E

45-7563

U.S. DEPT. OF INTERIOR

BUREAU OF LAND MGMT., IDAHO STATE OF-
FICE, 3300 AMERICANA TERRACE, BOISE ID

83706

Source: GROUNDWATER

Date Filed: 10-23-1984

Diversion Pt: LOT 02 (SWNW) Sec 07 T 11S

R 26E

Use: STOCKWATER (0.02 CFS)

WILDLIFE (0.02 CFS)

In: NWSE Sec 07 T 11S R 26E LOT 02

(SWNW) Sec 18 T 11S R 26E LOT 07

(SWSW) Sec 06 T 11S R 26E SESW Sec 12 T

11S R 25E NENW Sec 24 T 11S R 25E

SWNW Sec 25 T 10S R 25E SENW Sec 36 T

10S R 26E NENE Sec 25 T 10S R 25E

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd.

Merit, Twin Falls, Idaho 83301 and received on or before December 24, 1984.

A. KENNETH DUNN
Director

Published in the South Idaho Press on December 6 and 13, 1984.

April 30, 1990

DONALD J. CHISHOLM
P.O. BOX 1118
BURLEY, ID 83318

RE: PERMIT NO. 45-07564

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED

MAY 31 1990

February 8, 1990

DONALD J. CHISHOLM
P.O. BOX 1118
BURLEY, ID 83318

RE: PERMIT NO. 45-07564

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

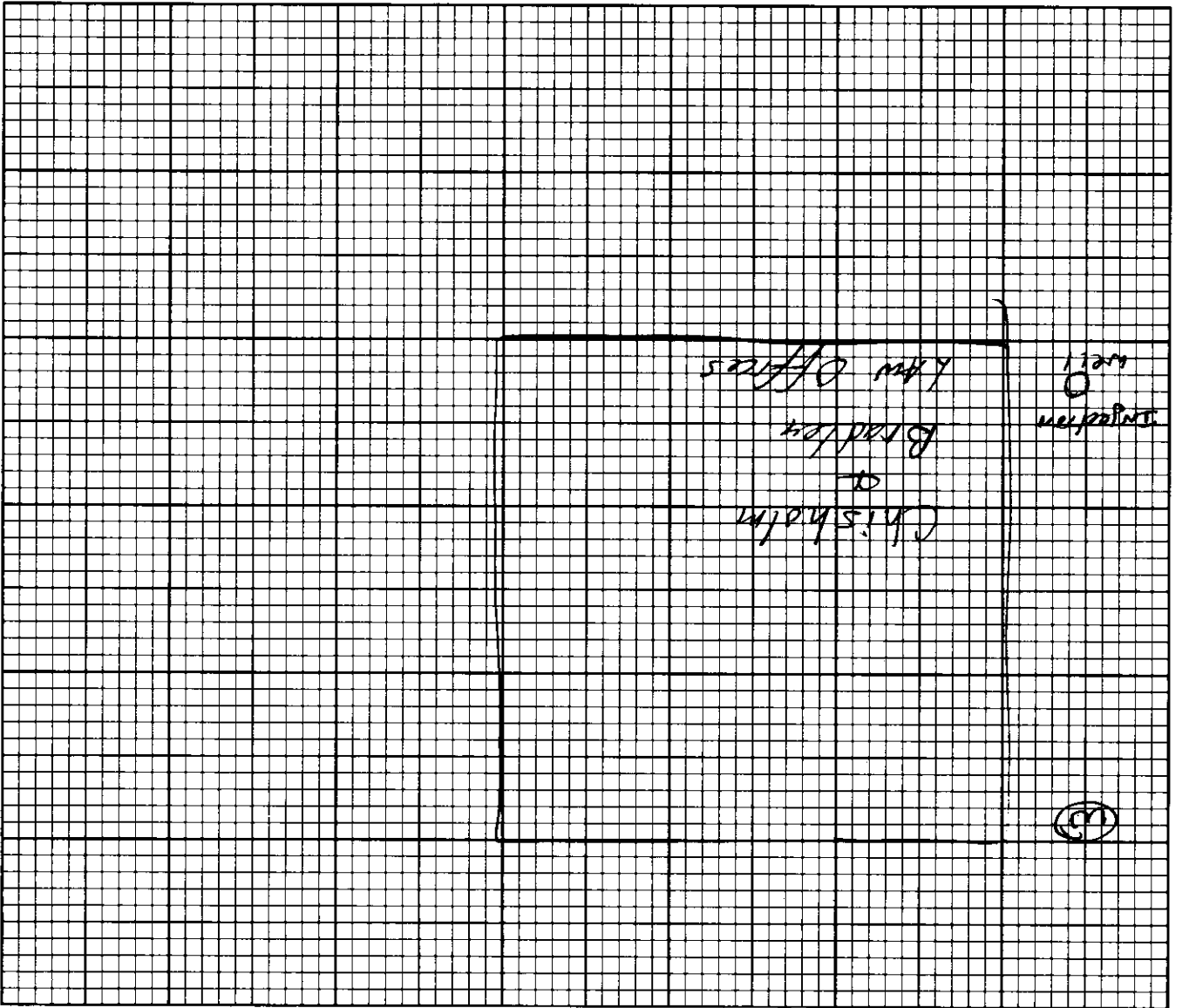
Enclosure

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MAY 31 1990

Phone No. 678-9181

- [illegible]

10. Other water rights on these lands _____ None
11. Other water right diverted from same p.d. _____ None
12. Diversion and Delivery System Diagram: Indicate all major components and distances between components. Indicate ditch size/pipe i.d. as applicable. Indicate on systems with measurement port the distance between the port and the nearest component/pipe bend/restriction both upstream and downstream, and the inside pipe diameter at the measurement port. On multiple diversion systems indicate how diversion systems are connected.



3. ☐ Photo of Diversion & System Attached
- ☐ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached

4. Remarks Water use requirements obtained from Rick Stirling
- Energy Resources Bureau

5. Recommended Amendments
- ☐ Change P.D. as reflected above
- ☐ Change P.U. as reflected above
6. Examiner's/Consultant's Signature James A. B. Law Date 9/1/90
- Consultant's License Number _____
- IDWR Director's Authorization to Conduct _____
- Beneficial Use Examination _____
- Date _____

CONSULTANT SEAL

MAY 31 1990

RECORDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

45-7564
Permit No.

1. **Measurement Calculations**

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

Capacity determined from design requirements of Heat Pump
9.0gpm Heating and 5gpm Cooling

$$9\text{gpm} \div 448.8 \frac{\text{gpm}}{\text{cfs}} = 0.02\text{cfs}$$

$$\text{Theo. Capacity} = \frac{.75 \times 8.8}{40 \times 2.31 + 15} \times .6 = 0.04\text{cfs}$$

b) Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$
$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

c) Volume Calculations for Other Uses:

See Attached Sheets for calculations

2. **Overlap Review**

a) Other water rights with same place of use: _____

b) Other water rights with same point of diversion: _____

c) Analysis:

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RECOMMENDED AMOUNTS

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity

4. Permit Holder: _____

Address: _____

5. Source: _____ tributary to _____

6. Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
~~Heating/Cooling~~	Sept 1	May 31	0.02 cfs	2.86 AF/ann
Cooling	May 1	Sept. 30	0.01 cfs	0.71 AF/ann

Allowable Maximums: 0.02 CFS 3.57 AF/ANN

7. Point(s) of Diversion:

[illegible]

8. Place(s) of Use

[illegible]

9. Recommended Conditions/Remarks: _____

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MAY 31 1990

10. 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 _____

11. Examiner's Signature Terry J. Blau Date 9/12/86

Checked in Regional Office by G. S. Stanton Date 10-6-86

Approved in State Office by _____ Date _____

RECEIVED

1/3

JUN 17 1986

GIVEN: 3700 ft² office building (connected house)
 basement & ground floor
 4 ton Thermaflow heat pump (Jet)
 9 gpm heating cycle
 5 gpm cooling cycle

(4 ton Thermaflow rated @ 55,000 BTU/hr)

REQUIRED: Annual water required

SOLUTION:

METHOD #1 (ASHRAE)

Peak heat load -

From GRC Special Report No. 7 chart

assume well insulated, -15°F design temp, part of basement
 not used, rest of basement does not require much heat
 gives about 25 BTU/hr/ft²

$$(25 \text{ BTU/hr/ft}^2)(2600 \text{ ft}^2) = 65,000 \text{ BTU/hr}$$

since peak output of heat pump is 55,000 BTU/hr ⁵ seems OK

Annual heat load -

from ASHRAE

$$E = \frac{H_L \cdot D \cdot 24}{\Delta t \cdot k \cdot V} (C_D)$$

where E = ann. heat load BTU/yr

D = degree days

Δt = design temp diff

k = effic. (1 for elec)

V = heat value (1 for elec)

C_D = correction factor (.6

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MAY 31 1990

with a 10° night setback 20% savings are likely
 $2043(.80) = 1634 \text{ hrs}$

$$(1634 \text{ hrs})(9 \text{ gal/min})(60 \text{ min/hr}) = \underline{\underline{882,514 \text{ gal/yr}}} \quad (2.71 \text{ AF/yr.})$$

A very poorly insulated building could require 50-100% more water than is calculated here. See Fig 5 of GRC Special Report No. 7 for comparisons.

Cooling, although not a very big requirement for Burley, could also add as much as 25%.

Use largest of two methods = 931,010 gal/Ann for Heating = 2.86 AF

Add 25% for Cooling

$$931,010 \text{ gal/Ann for heating} \times 1.25 = 1,163,762 \text{ gal/Ann} = 3.57 \text{ AF/Ann}$$

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MAY 31 1990

$$E = \frac{(65,000 \text{ BTU/hr})(6704)(24)}{(70^\circ\text{F})(1)(1)} (.65)$$

$$= 97 \times 10^6 \text{ BTU/yr}$$

Assume 80% of heat comes from water, 20% from elect.
 $(97 \times 10^6 \text{ BTU/yr})(.80) = 77.7 \times 10^6 \text{ BTU/yr}$ must be supplied by water

assume 10°F water temp. drop $\rightarrow$ gives 10 BTU/lb water
 $\frac{77.7 \times 10^6 \text{ BTU/yr}}{10 \text{ BTU/lb}} = 7.77 \times 10^6 \text{ lbs water/yr}$

$$\frac{7.77 \times 10^6 \text{ lbs/yr}}{8.34 \text{ lb/gal}} = \underline{\underline{931,010 \text{ gal/yr}}} \quad (2.86 \text{ AF/yr})$$

METHOD #2 (NWPPC)

Consultants hired by the NW Power Planning Council, in numerous tests and measurements made on houses, place Burley in zone 2 which requires $8.9 \text{ kWh/ft}^2/\text{yr}$ for heating.

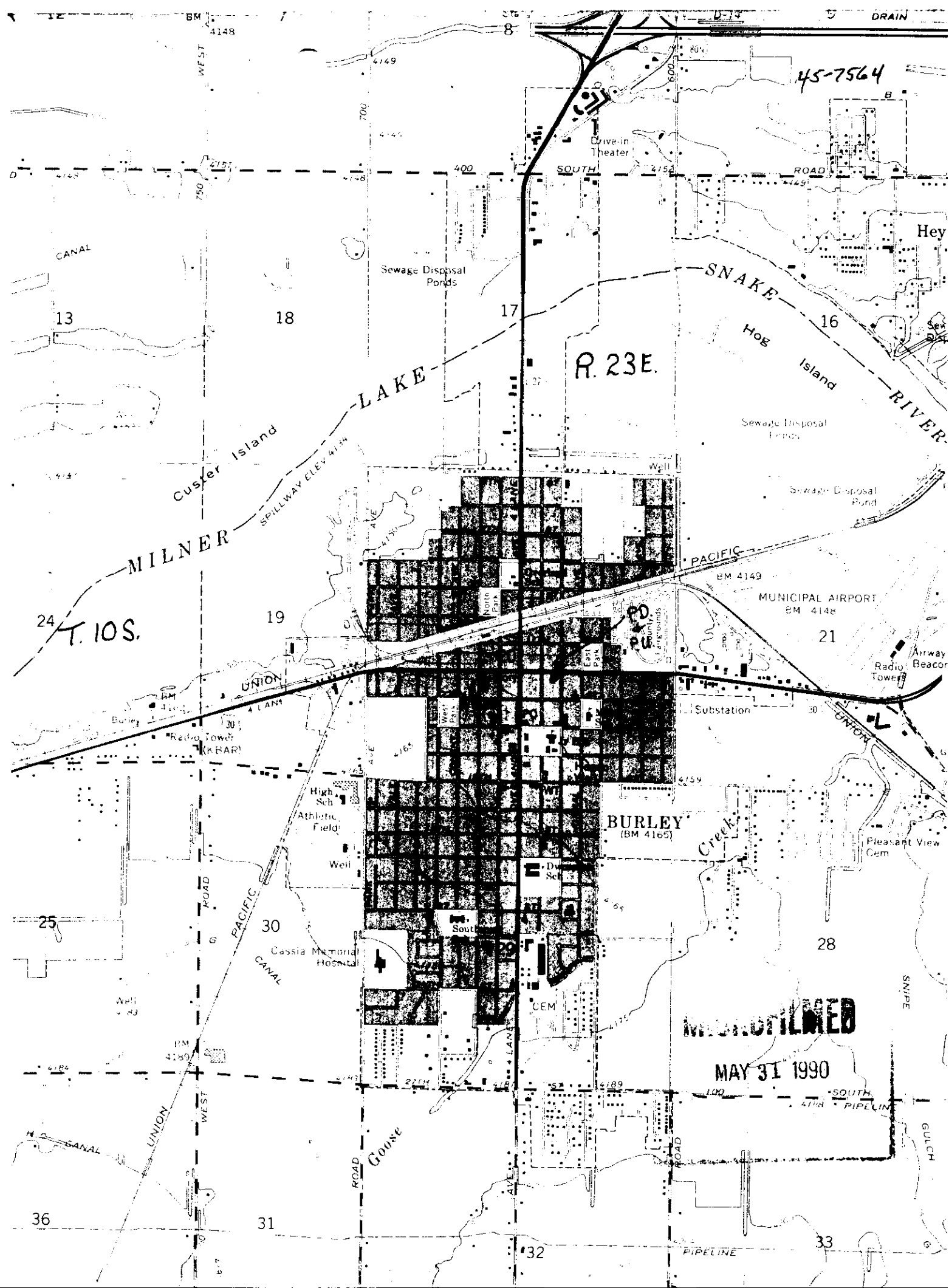
$$(8.9 \text{ kWh/ft}^2/\text{yr})(3412 \text{ BTU/kWh}) = 30367 \text{ BTU/ft}^2/\text{yr}$$

$$30367 \text{ BTU/ft}^2/\text{yr} \times 3700 \text{ ft}^2 = 112,357,160 \text{ BTU/yr}$$

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 MAY 31 1990

assuming heat pump puts out $55,000 \text{ BTU/hr}$

$$\frac{112,357,160 \text{ BTU/yr}}{55,000 \text{ BTU/hr}} = 2043 \text{ hrs}$$



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.

RECEIVED

JUN 22 1984

Division of Water Resources
Sacramento District Office

1. WELL OWNER Name <u>LONALD J. CHISOLM</u> Address <u>BOX 1118 BURLEY IDAHO 83218</u> Owner's Permit No. _____	7. WATER LEVEL Static water level <u>15</u> feet below land surface. Flowing? ☐ Yes ☐ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by: ☐ Valve ☐ Cap ☐ Plug Temperature _____ °F. Quality _____ <i>Describe artesian or temperature zones below.</i>																																																									
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)	8. WELL TEST DATA ☒ Pump ☐ Bailor ☐ Air ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td>35</td> <td></td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	35																																																					
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other <u>heat pump</u> (specify type)	9. LITHOLOGIC LOG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Bore Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th rowspan="2">Water Yes/No</th> </tr> <tr> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>00</td> <td>4</td> <td>black topsoil</td> <td></td> </tr> <tr> <td></td> <td>4</td> <td>13</td> <td>sand & clay</td> <td></td> </tr> <tr> <td></td> <td>13</td> <td>19</td> <td>clay & gravel</td> <td></td> </tr> <tr> <td>6</td> <td>19</td> <td>32</td> <td>clay & gravel (dirty)</td> <td></td> </tr> <tr> <td></td> <td>32</td> <td>41</td> <td>gray clay</td> <td></td> </tr> <tr> <td></td> <td>41</td> <td>49</td> <td>brown sand</td> <td></td> </tr> <tr> <td></td> <td>49</td> <td>56</td> <td>brown clay</td> <td></td> </tr> <tr> <td></td> <td>56</td> <td>68</td> <td>brown sand</td> <td></td> </tr> <tr> <td></td> <td>68</td> <td>75</td> <td>gravel</td> <td>X</td> </tr> <tr> <td></td> <td>75</td> <td>77</td> <td>clay</td> <td></td> </tr> </tbody> </table>	Bore Diam.	Depth		Material	Water Yes/No	From	To	3	00	4	black topsoil			4	13	sand & clay			13	19	clay & gravel		6	19	32	clay & gravel (dirty)			32	41	gray clay			41	49	brown sand			49	56	brown clay			56	68	brown sand			68	75	gravel	X		75	77	clay	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____																																																										
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>4 inches</td> <td>6 5/8 inches</td> <td>+ 1 feet</td> <td>76 feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Was casing drive shoe used? ☐ Yes ☒ No Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☐ Knife ☒ Torch Size of perforation <u>1/8</u> inches by <u>10</u> inches <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>21 perforations</td> <td>69 feet</td> <td>73 feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Type _____ Model No. _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☐ No ☐ Size of gravel _____ Placed from _____ feet to _____ feet Surface seal depth <u>18</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay ☐ _____ Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent Weld ☐ Cemented between strata Describe access port <u>through top of well seal</u>	Thickness	Diameter	From	To	4 inches	6 5/8 inches	+ 1 feet	76 feet													Number	From	To	21 perforations	69 feet	73 feet																																
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21 perforations	69 feet	73 feet																																																								
6. LOCATION OF WELL Sketch map location <u>must</u> agree with written location. Subdivision Name <u>Burley</u> Town <u>Site</u> Lot No <u>26-29</u> Block No. <u>122</u> County <u>Blaine</u>	10. Work started <u>12-17-83</u> finished <u>12-19-83</u>																																																									
	11. DRILLERS CERTIFICATION I certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>HERMAN CONCH & SONS</u> Firm No. <u>ING 101</u> Address <u>140 Wagon Vista Dr</u> <u>BURLEY IDAHO</u> Date <u>1-5-84</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>[Signature]</u>																																																									

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd. N
Twin Falls, Idaho 83301
(208) 734-3578

AUGUST 2, 1985

DONALD J. CHISHOLM
BOX 1118
BURLEY

ID 83318

RE: Permit No. 45-7564

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary

RECEIVED

MAY 31 1990

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 45-7564

Name(s) of Permit Holder: Donald J. Chisholm

Post Office Address: Box 1118

Burley, Idaho

Tel. No. 678-9181

Source of Water: ground water

Extent of Use: ☐ Domestic (number of households)

☐ Stockwater (number and type of stock)

☐ Irrigation (acres)

☒ Other Heat Pump for building

Measuring Device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

Access Port: Required? ☐ Yes ☒ No Installed? ☐ Yes ☒ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

6

Date

MICROFILMED

Donald J. Chisholm
Signature of Permit Holder

Donald O. Chisholm

Box 1118

Burley, Idaho 83318

PLACE
13 CENT
STAMP
HERE



RECEIVED

JUN 26 1985

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

MICROFILMED

March 26, 1985

RE: Permit No. 45-7564

Donald J. Chisholm
Box 1118
Burley, ID 83318

Dear Permit Holder:

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval on the fourth page.

Please note that one of the conditions of approval is that the diversion of water under this permit is subject to the control of a State Watermaster. The reason for this is that some hydrologic studies of rivers in the state indicate that wells constructed in the sand and gravel aquifers of the river areas may intercept water that otherwise would have entered the river. However, the extent of the alluvial material thickness is not known nor is the precise degree of interference of wells with surface water flows. Studies do indicate that as much as 50% of the water diverted from a well located one mile from the river would have reached the river if impermeable layers of clay on hard rock do not separate the river from the aquifer from which the well is producing.

The information available to us at this time does not warrant refusing to issue you a permit but does merit cautioning you that any permit issued by the Department cannot deprive water users, with earlier rights, of their water supply.

The reason for conditioning the permit and explaining the potential interference problem is to make you aware that future tests may definitely show that diversion of water from your well should be administered together with the older surface water priorities of the river and its tributaries. If this were to occur, it would essentially mean that there would not be water available for a 1984 priority diversion from your well since the surface water system is fully appropriated. By locating your well as far from the river as possible and by casing out upper water producing zones as the well is constructed, you may be able to reduce the amount of interference with the river.

MICROFILMED

March 26, 1985
RE: Permit No. 45-7564
Page 2 of 2

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. Also enclosed for your convenience is the statement of beneficial use postcard that must be submitted when your project is completed.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Supervisor, Water Allocation Section

DRT:kw
Enclosures

MICROFILMED

INTER-DEPARTMENT MEMO — 1

DATE 3-4-85

FROM Kay Walker

TO Application for Permit No. 45-7564

SUBJECT Watermaster Control Recommendation

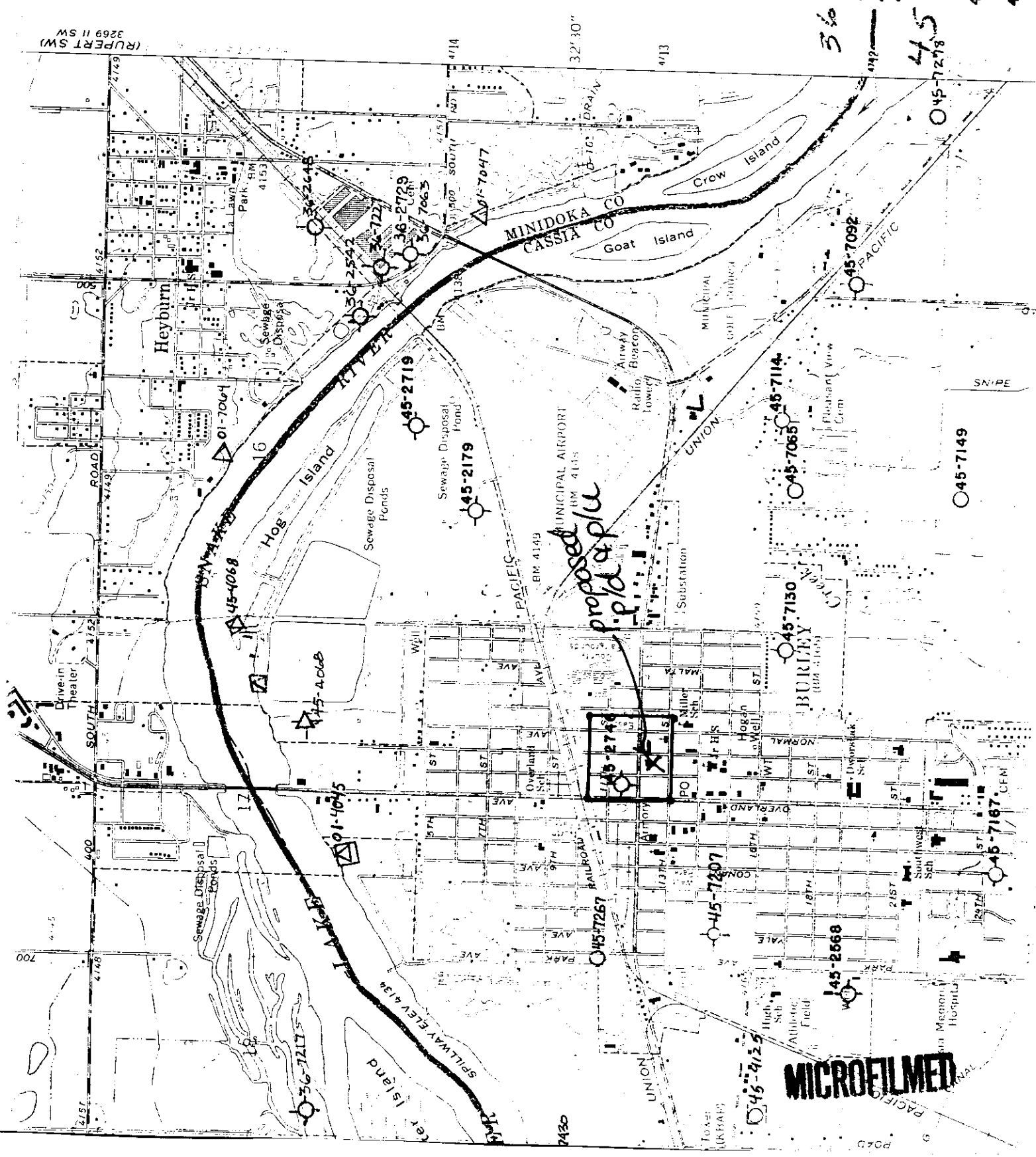
Pursuant to review of this application, I recommend that it be subject to watermaster control because of the close proximity of the well to the river and the shallowness of the well itself. (76 feet)

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kw

SIGNATURE

45-7167



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

NOVEMBER 27, 1984

South Idaho Press
P.O. Box 190
Burley, Idaho 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billings to this office before DECEMBER 24, 1984.

Yours truly,

Mary A. Newby
Secretary

Encl.

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

45-2564-

CHISHOLM, DONALD J.

P.O. BOX 1118, BURLEY, ID 83318

Source: GROUNDWATER

Date Filed: 11/20/1984

Diversion Pt: NWSE Sec 20 T 10S R 23E

Use: HEATING	(0.04 CFS)
COOLING	(0.04 CFS)

In: NWSE Sec 20 T 10S R 23E

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before DECEMBER 24, 1984.

A. KENNETH DUNN

Director

Published 12/6 & 12/13/84.

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*db
mwp
1/4/84*

No. 84-306

**NOTICE OF APPLICATION
FOR WATER RIGHT**

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

45-7564

CHISHOLM, DONALD J.

P.O. BOX 1118, BURLEY, ID 83318

Source: GROUNDWATER

Date Filed: 11-20-1984

Diversion Pt: NWSE Sec 20 T 10S R 23E

Use: HEATING (0.04 CFS)

COOLING (0.04 CFS)

In: NWSE Sec 20 T 10S R 23E

Chisholm & Bradley, Chtd.

Attorneys at Law
223 East Main St.
P.O. Box 1118
Burley, Idaho 83318
Telephone (208) 678-9181

Donald J. Chisholm
John A. Bradley

November 19, 1984

RECEIVED

NOV 20 1984

Department of Water Resources
Southern District Office

Idaho Department of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301

Attention: James E. Stanton

Re: Applications for Domestic Well
and Injection Well for Heat Pump
at 223 East Main Street, Burley
Lots 28 & 29 of Block 22

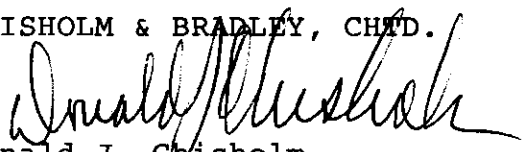
Dear Mr. Stanton:

I am enclosing applications for a domestic well to provide a heat and cooling source for the heat pump in my office building at 223 East Main Street, Burley, and an injection well to return the heated or cool water to the ground. I am enclosing my check in the amount of \$30.00 for the application for the domestic well and my check for \$50.00 for the injection well.

If you have any questions, please advise me.

Very truly yours,

CHISHOLM & BRADLEY, CHTD.


Donald J. Chisholm

DJC:sgg
Enclosure

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