

● Proof of Publication ●
The Post-Register

State of Idaho, }
County of Bonneville } ss.

I, J. Robb Brady, first being duly sworn, depose and say: That I am the Principal Clerk of The Post Company, a corporation of Idaho Falls, Bonneville County, Idaho, publishers of The Post-Register, a newspaper of general circulation, published daily, except Saturday, at Idaho Falls, Idaho; said Post-Register being a consolidation of the Idaho Falls Times, established in the year 1890, The Idaho Register, established in the year 1880 and the Idaho Falls Post, established in 1903, such consolidation being made on the 1st day of November, 1931, and each of said newspapers having been published continuously and uninterruptedly, prior to consolidation, for more than seventy-eighty (78) weeks and said Post-Register having been published continuously and uninterruptedly from the date of such consolidation, up to and including the last publication of notice hereinafter referred to.

That the notice, of which a copy is hereto attached and made a part of this affidavit, was published in said Post-Register for two consecutive weeks, first publication having been made on the 10th day of May, 1979, last publication having been made on the _____ day of _____, 19____, and that the said notice was published in the regular and entire issue of said paper on the respective dates of publication, and that such notice was published in the newspaper and not in a supplement.

Subscribed and sworn to before me, this 29th day of May, 1979

J. Robb Brady
Karens Hile
Notary Public

My commission expires April 5, 19 83

B10, 1M,

**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:
35-7855
KUNZE, JAY &/or RUTH
ROUTE 4, BOX 224, Idaho Falls, Id. 83401
Source: GROUNDWATER
Date Filed: 05/01/1979
Amount: 0.20 CFS
Diversion Point: NWSW Sec. 29 T 02N R 3/E, BONNEVILLE Co.
Use: HEATING (0.20 CFS) from 01/01 to 12/31
COMMERCIAL (0.02 CFS) from 01/01 to 12/31
Place of Use: NWSW Sec. 29 T 02N R 3/E
Diversion Means: WELL, PUMP, DELIVERY SYSTEM
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, 1515 Lincoln Rd., Idaho Falls, Idaho 83401 on or before MAY 29, 1979.
C. STEPHEN ALLRED
Director
Pub.: May 10, 17, 1979.

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MAY 31 1979

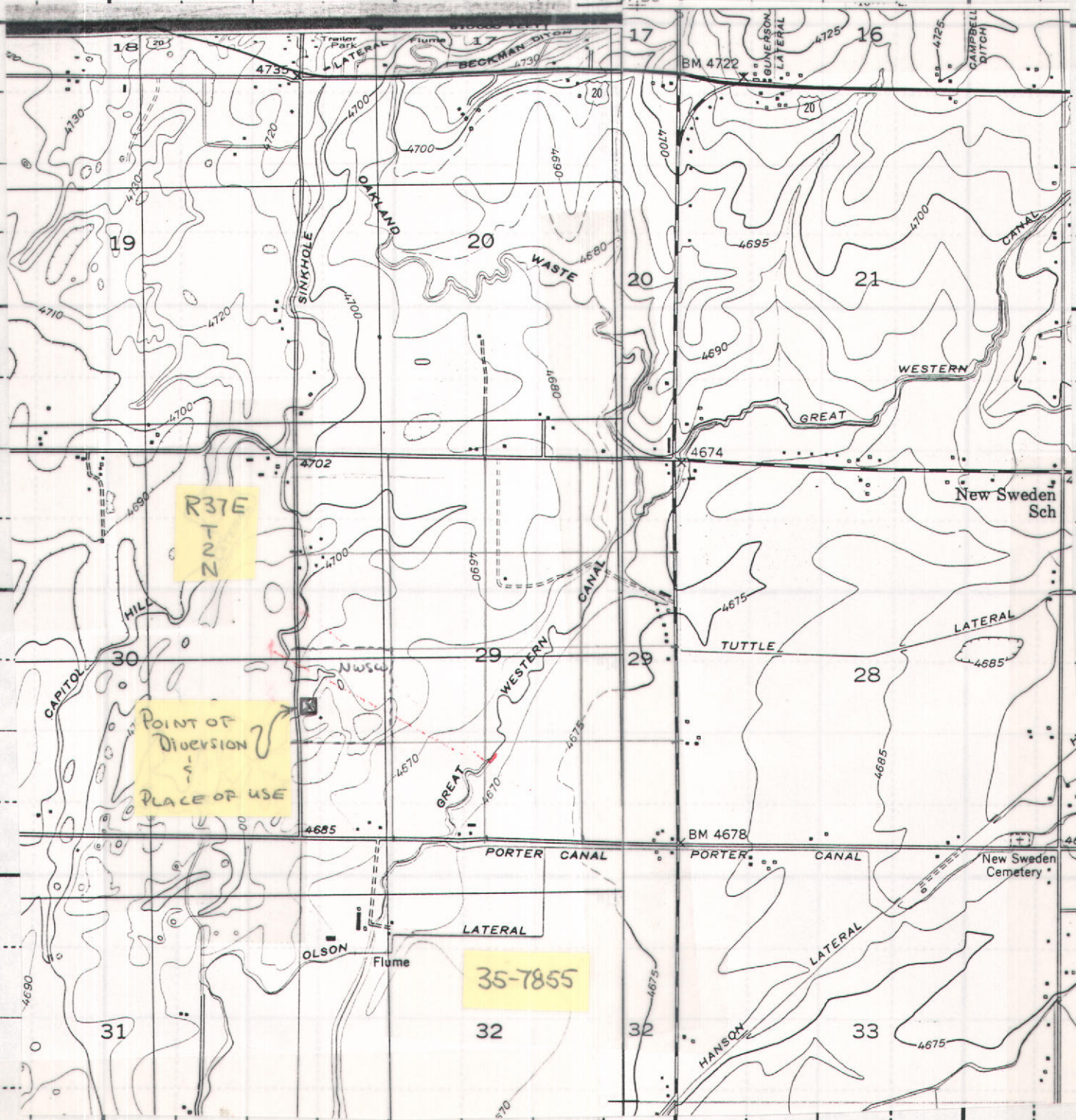
Department of Water Resources
Eastern District Office

87-A

MICROFILMED

KUZE

35-7855



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MAR 06 1981

35-7855

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 35-7855 Priority May 1, 1979 Amount 0.04 cfs

THIS IS TO CERTIFY, that Jay & Ruth Kunze
of Columbia, Missouri, has complied with the terms and conditions of Permit
No. 35-7855 issued pursuant to Application for Permit dated May 1, 1979,
and has submitted proof to the Department of Water Resources on May 21, 1984,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 0.04 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Commercial</u>	from <u>January 1</u> to <u>December 31</u>	at <u>0.02</u> cfs and	<u>3.6</u> acre feet
<u>Heating</u>	from <u>January 1</u> to <u>December 31</u>	at <u>0.03</u> cfs and	<u>6.3</u> acre feet
	from _____ to _____	at _____ cfs and	

(both dates inclusive)

Subject, however, to the condition that no more than 0.04 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
9.9 acre feet per year, said waters to be diverted within the NW 1/4 Section 29,
Twp 2N, Rge 37E in the County of Bonneville

Description and location of place of use:

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	
2N	37E	29											X						

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Total number of acres irrigated _____

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CONDITIONS OF APPROVAL

- a. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.
- b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.
- c. Any water right confirmed in this license 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 license 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 license.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 4TH day of February, 1987.

RECORDED

MAR 06 1987

Director

Norman C. Jones

Identification No. _____

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho
 (TYPE OR PRINT IN INK)

1. Name of applicant Jay and Ruth Kunze Phone: 522-8633
 post office address Route 4, Box 224, Idaho Falls, ID 83401
2. Source of water supply Well which is a tributary of _____
3. a. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 29 Township 2-N
Range 37-E B.M. Bonneville County; additional points of diversion if any: _____
- b. If water is not consumed, it will be discharged into shallow well at a point in NW $\frac{1}{4}$
of SW $\frac{1}{4}$ of Section 29 Township 2-N Range 37-E B.M. _____
4. Water will be used for the following purposes:
 Amount 0.2 (cfs or acre-feet per annum) for space heat purpose from 1-1 to 12-31 (both dates inclusive)
 Amount 0.02 (cfs or acre-feet per annum) for commercial* purpose from 1-1 to 12-31 (both dates inclusive)
 Amount _____ (cfs or acre-feet per annum) for _____ purpose from _____ to _____ (both dates inclusive)
5. Total quantity to be appropriated:
 a. 0.2 max. in winter 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 & delivery system (per tele-
con 5-1-79 EMC)

 b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
 capacity _____ acre feet, materials used in storage dam: _____
 Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
 c. Proposed well diameter is 8 inches; proposed depth of well is 200 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
 is 5 years.
 b. Estimated construction cost is \$ \$2500 plus pump plus shallow reinjection wells
8. Description of proposed uses:
 a. If water is not for irrigation: 50 acre-ft nonconsumptive use for greenhouse heat
 (1) Give the place of use of water: NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 29 Township pumps 2N
Range 37E B.M. on same site
 (2) Amount of power to be generated: _____ hp under _____ feet of head.
 (3) List number of each kind of livestock to be watered _____

 (4) Name of municipality to be served _____, or number of families to be
 supplied with domestic water _____
 (5) If water is to be used for other purposes describe: Water source heat pumps for
two greenhouse units - 7400 sq-ft total

* Commercial use is for greenhouse

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

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	

Total number of acres to be irrigated _____

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

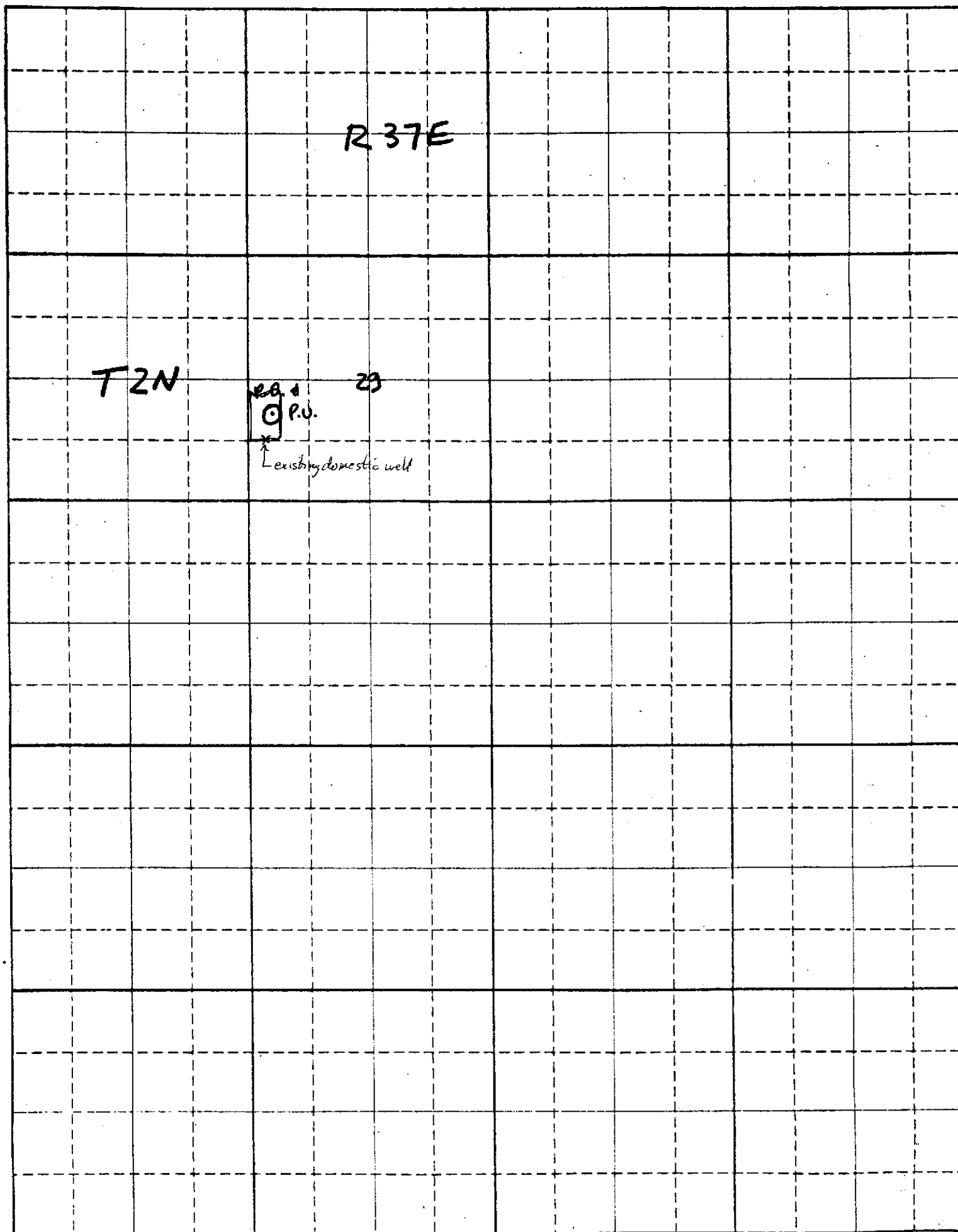
9. a. Who owns the property at the point of diversion applicant

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

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.



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.

John F. Kung
(Applicant)
Keith Barnes Kung

Proposed Priority 4-26-79

Received by dh DRT Date 5-1-79 4-26-79 Time noon 4:30
Preliminary check by EMV Fee \$ 20.00
Received by dh Date 4-26-79 # 13300
Publication prepared by dh Date 5-4-79
Published in Post Register
Publication dates May 10 & 17, 1979
Publication approved dh Date 5/31/79
Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by EMV SS

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. 35-7855, 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 June 1, 19 84.
- c. Other: Return water shall be treated to insure that the effluent meets inter-state stream water quality standards.

2. Denial of said application is for the following reasons: _____

Witness my hand this 11 th day of July 19 79.

J. Glen Saxton
Chief, Operations Bureau



● Proof of Publication ●
The Post-Register

State of Idaho,
County of Bonneville } ss.

I, J. Robb Brady, first being duly sworn, depose and say: That I am the Principal Clerk of The Post Company, a corporation of Idaho Falls, Bonneville County, Idaho, publishers of The Post-Register, a newspaper of general circulation, published daily, except Saturday, at Idaho Falls, Idaho; said Post-Register being a consolidation of the Idaho Falls Times, established in the year 1890, The Idaho Register, established in the year 1880 and the Idaho Falls Post, established in 1903, such consolidation being made on the 1st day of November, 1931, and each of said newspapers having been published continuously and uninterruptedly, prior to consolidation, for more than seventy-eighty (78) weeks and said Post-Register having been published continuously and uninterruptedly from the date of such consolidation, up to and including the last publication of notice hereinafter referred to.

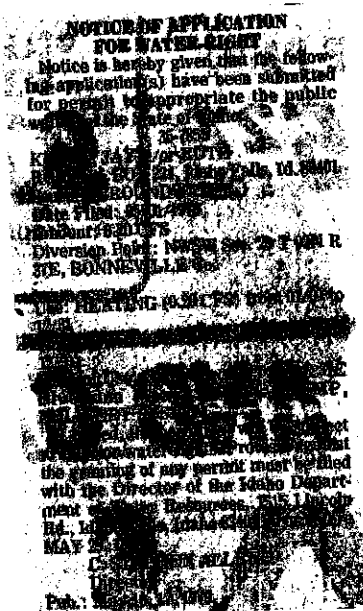
That the notice, of which a copy is hereto attached and made a part of this affidavit, was published in said Post-Register for two consecutive weeks, first publication having been made on the 10th day of May, 1979, last publication having been made on the _____ day of _____, 19____, and that the said notice was published in the regular and entire issue of said paper on the respective dates of publication, and that such notice was published in the newspaper and not in a supplement.

Subscribed and sworn to before me, this 29th day of May, 1979

Karl H. Hille
Notary Public

My commission expires April 5, 1983

B10, 1M,



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MAY 31 1979

Department of Water Resources
Eastern District Office

27-17

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State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS

~~JOHN V. EVANS~~

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

February 12, 1987

RE: Permit No. 35-7855

Jay & Ruth Kunze
2201 Oak Cliff
Columbia, MO 65203

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

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MAR 06 1987



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

November 20, 1986

RE: Permit No. 35-7855

Jay F. Kunze
2201 Oak Cliff
Columbia, MO 65203

Dear Mr. Kunze:

We would be happy to issue the license on the above referenced water right only in your name if you would please sign the enclosed assignment form before a notary public and return it to us.

If you have any questions, please let me know.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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MAR 06 1987



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

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NOV 13 1986

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

Department of Water Resources

November 3, 1986

RE: Permit No. 35-7855

^{F.}
Jay & Ruth Kunze
2201 Oak Cliff
Columbia, MO 65203

Dear Permit Holder(s):

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

If you do not concur with the information shown on the draft license, please advise the Department within ten (10) days. If you have any questions, please let us know; otherwise, the license will be issued as identified on the draft copy.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

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MAR 06 1987

JJ:sc

Dear Mr. Johnson:

Enclosure

The proposed license is satisfactory except for the name. A divorce decree, # 27765, Bonneville County, Dec. 1981 (final) removed Ruth Kunze's name from the deeds to this property. Please make this change.

Thank you for your attention to this matter, and to your courtesy in discussing and considering the water usage permit when I met with you in August.

Sincerely yours,

10-DAY

ROUGH DRAFT FOR LICENSE

RT NO. 35-7855

PRIORITY: 1-May-1979

TOTAL RATE: 200 CFS

0.04
2.9
0.00 AF

FIRST-NAME: JAY
FIRST-NAME: RUTH

LAST-NAME: KUNZE
LAST-NAME: KUNZE

CITY: COLUMBIA

STATE: MO

APPLICATION DATE: 1-May-1979

PROOF MADE: 21-May-1984

CAPACITY
TOTAL RATE: 200 CFS

0.04
0.00 AF

SOURCE: GROUNDWATER

TRIBUTARY:

USE: 10 COMMERCIAL
USE: 22 HEATING

Period From: 0101 Period To: 1231
Period From: 0101 Period To: 1231

RATE: 0.020 CFS
RATE: 0.200 CFS

0.03

3.6
0.00 AF
0.00 AF
6.3

POINT OF DIVERSION

LOT: TRACT: NWSW SECTION: 29 TOWNSHIP: 02N RANGE: 37E

COUNTY: 19 BONNEVILLE

PLACE OF USE

TOWNSHIP: 02N RANGE: 37E SECTION: 29 LOT: TRACT: NWSW ACRES: 0
TOTAL ACRES: 0

CONDITIONS:

KEY - Change your reloader card
to show exam returned to the region

on _____



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

November 3, 1986

RE: Permit No. 35-7855

Jay & Ruth Kunze
2201 Oak Cliff
Columbia, MO 65203

Dear Permit Holder(s):

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

If you do not concur with the information shown on the draft license, please advise the Department within ten (10) days. If you have any questions, please let us know; otherwise, the license will be issued as identified on the draft copy.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

35-7855

Permit No.

1. **Measurement Calculations**

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

$$\frac{2.5 \text{ gal}}{5 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} \times \frac{1 \text{ cfs}}{448.8 \text{ gpm}} = 0.07 \text{ cfs}$$

$$\text{Theoretical: } Q = \frac{8.8 (Hp)(Eff)}{2.31(psi) + 1 \text{ ft}} = \frac{8.8(3)(.8)}{2.31(30) + 135} = 0.10 \text{ cfs}$$

$Q_{\text{space heating}} \Rightarrow 14 \text{ gpm} \approx 0.03 \text{ cfs}$ see owner's Letter

$Q_{\text{commercial}} = 0.02 \text{ cfs}$ (permit)

Owner's Letter requested licensing for 0.04 cfs maximum.

Recommend 0.04 cfs by owner's requested maximum.

b) Volume Calculations for Irrigation: N/A

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

c) Volume Calculations for Other Uses:

$$V_{com} = V_{\text{cooling tower}} + V_{\text{greenhouse irrig.}} = \underline{3.6 \text{ afa}}$$

$$= \left(\frac{2 \text{ gal}}{\text{min}} \times \frac{60 \text{ min}}{\text{h}} \times \frac{24 \text{ h}}{\text{day}} \times \frac{365 \text{ day}}{\text{annum}} \times \frac{1 \text{ af}}{325850 \text{ gal}} \right) + \left(\frac{300 \text{ gal}}{\text{day}} \times \frac{365 \text{ day}}{\text{annum}} \times \frac{1 \text{ af}}{325850} \right)$$

$$V_{\text{space heat}} = \frac{14 \text{ gal}}{\text{min}} \times \frac{60 \text{ min}}{\text{hr}} \times \frac{10 \text{ hr (used)}}{\text{day}} \times \frac{243}{365 \text{ day}} \times \frac{1 \text{ af}}{325850} = \underline{6.3 \text{ afa}}$$

2. **Overlap Review**

a) Other water rights with same place of use: NONE

b) Other water rights with same point of diversion: NONE

c) Analysis:

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MAR 06 1981

MAR 06 1981

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 From To	Rate of Diversion Q (cfs)	Annual Volume V (af)

6. Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
	From To	Q (cfs)	V (afa)
Commercial	1-12-31	0.02	3.6

6. Beneficial Use	Period of Use From To	Rate of Diversion Q (cfs)	Annual Volume V (afa)
Commercial	1-1	0.02	3.6
space heating	1-1	0.03	6.3

6. Beneficial Use	Period of Use From To	Rate of Diversion Q (cfs)	Annual Volume V (ata)
Commercial	1-1	0.02	3.6
space heating	1-1	0.03	6.3

[illegible]

7. Point(s) of Diversion:

[illegible]

8. Place(s) of Use

[illegible]

9. Recommended Conditions/Remarks:

☐ 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 _____

Date

Date _____

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JUL 24 1986

Department of Water Resources

Permit No. 35-7855
Phone No. 314-445-8105

Phone No. 314-445-8105

1. Owner: Jay F. Kunze Phone No. 314-445-8105
Current Address: 2201 Oak Cliff Columbia, MO 65203

2. Accompanied by: Jay Kunze EXAM. DATE: 6-20-86
Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: groundwater tributary to NA

Well/Diversion* No.	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Sears	3	NA	Sears	?

*Code with points of diversion, system diagram & photos on reverse side. Disregard if only one.

5. System Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
 135' static water level, pump at 145' well pumped
 to diverting works within greenhouse and to two
 hot pumps with flow control valves (7 gpm) each

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket & stopwatch					2 1/2	

7. Measurements 2.5 gal ☐ Additional data/computation sheets attached
5 sec

8. Point(s) of Diversion: Indicate Method of Determination *U.S.G.S, Topo*

[illegible]

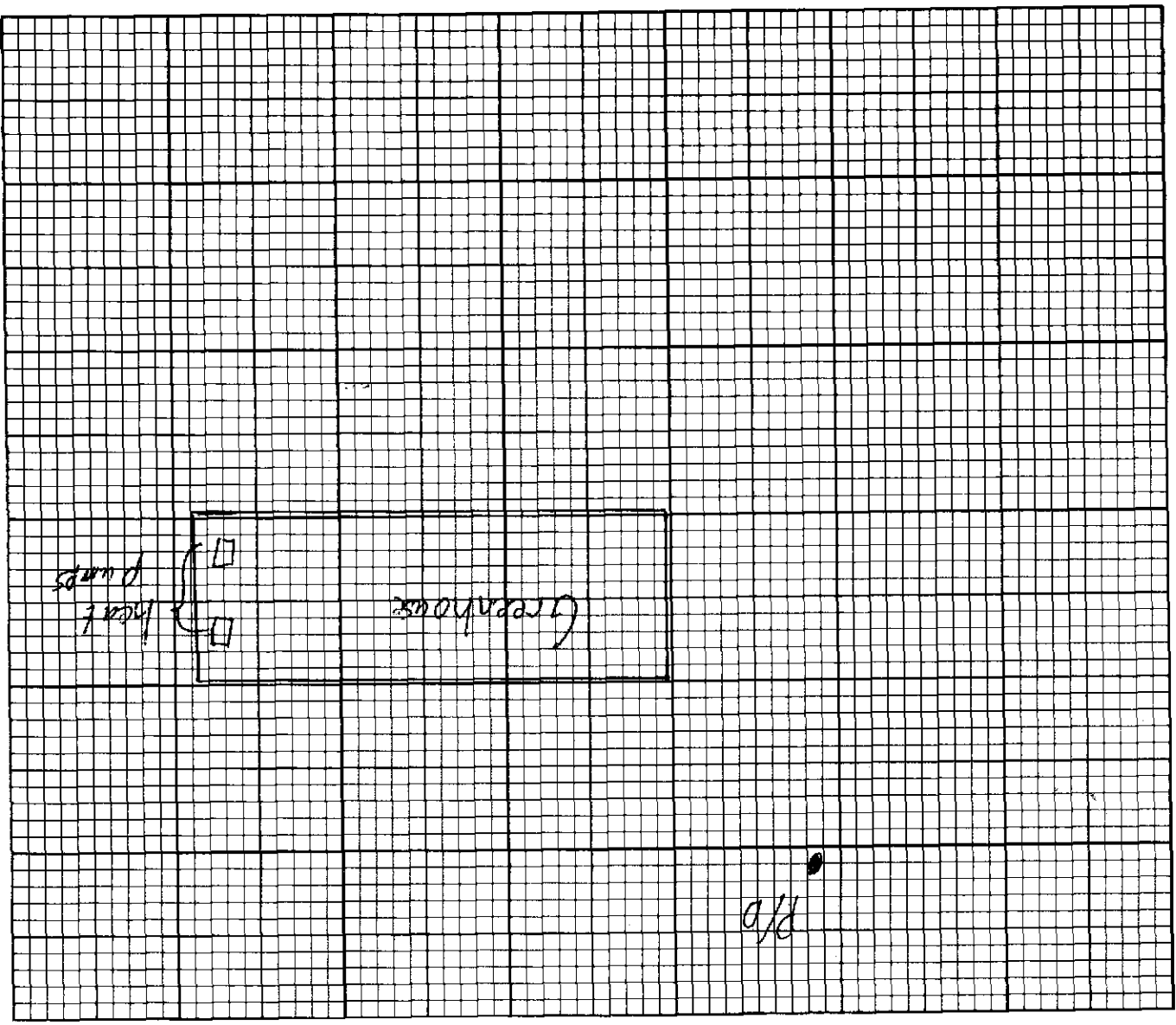
9.	Place(s) of Use:	Irrigation - give acres served by system at time of exam. Indicate Method of Determination
----	------------------	---

[illegible]

10. Other water rights on these lands None
1 1/2 HP
Under Singer
Domestic
Well Mr. Kunze
should have permit

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.



13. ☐ Photo of Diversion & System Attached ☒ Aerial Photo of Place of Use Attached or Map of Irrigated Acreage Attached

14. Remarks Mr. Kunze requested that system be licensed for 0.04 cfs (see letter in file). No application for permit has been filed for any other wells in Section 29 other than this (35-7855)

15. Recommended Amendments
☐ Change P.D. as reflected above
☐ Change P.U. as reflected above
16. Examiner's/Consultant's Signature John
Consultant's License Number _____
IDWR Director's Authorization to Conduct Beneficial Use Examination _____
Date _____

☐ Add P.D. as reflected above
☐ Add P.U. as reflected above
Date 6-20-86
Membrane
☒ None
☐ Other

CONSULTANT SEAL

June 19, 1986

Idaho Dept. of Water Resources
State Office Building, S. Shoup Ave.
Idaho Falls, Idaho 83401

Subject: Examination of Water Right # 35-7855
Attn: Harold Jones

Subject water right is a 150 ft deep, 8" dia. well that is equipped with a 3 HP pump. The system had been used for a commercial greenhouse (hydroponic tomato growing) for a 4-year period from Jan. 1980 to Sept. 1983. Since that time the business was shut down and the property is up for sale.

Water use during the 4 year operation, and as still equipped, was as follows:

1. Two ground water heat pumps, one having a 6 gpm flow control valve, the other 8 gpm.
2. Irrigation water for the greenhouse — about 300 gal per day, on a summer day.
3. Cooling tower usage, about 2 gpm.

Note, uses 2 and 3 never occurred simultaneously with use #1. (In addition, the well supplied a wash up sink, with insignificant daily use).

Consequently, use never exceeded 0.04 cfs, and the water right could be revised to that figure without impacting the intended operation.

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MAR 06 1987

Idaho Dept of Water Resources
Attn: Mr. Harold Jones

Page 2

Please arrange to inspect, if necessary, the above delineated installation. I wish to retain the minimum 0.04 cfs water right for eventual sale of the greenhouse.

Sincerely yours,

Jay F. Kunze
2201 Oak Cliff
Columbia MO 65203

Water right is on property at 2735 So. 55th West (Faust Rd.)
I can be reached at 522-8486 on June 19, 20 for inspection.

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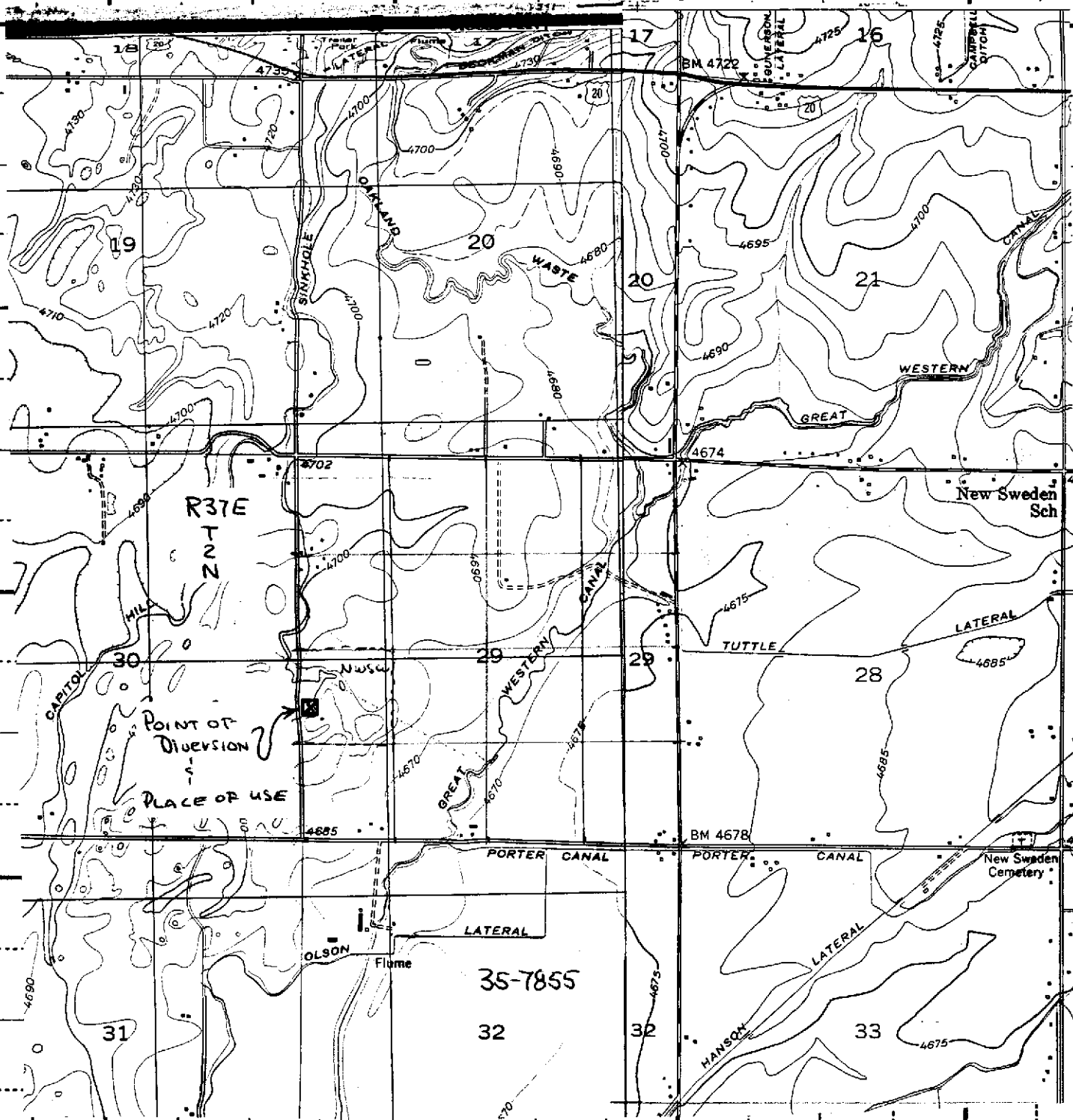
MAR 05 1987

NAME OF APPLICANT

KUZE

35-7855

Form No. 0



RECORDED

MAR 06 1987

SCALE: 2 Inches Equal 1 Mile. Draw Plan In Ink.

35-7855



© BOOTH

2201 Oak Cliff Dr.
Columb Mo 65203

a quick dash from

Jay F. Kunze

9/8/84

Idaho Dept of Water Resources

3rd Floor State Office Bldg. **RECEIVED**

150 Shoup Ave.

SEP 12 1984

Idaho Falls, ID 83401

Department of Water Resources
Eastern District Office

Ref: Permit # 35-7855

and Your Letter Advising of Field Examination.

The system was installed in 1979, a 3HP pump in a 190 ft well. It was used for a commercial greenhouse through 1983. The system has not been used in 1984 because of poor business prospects for the greenhouse. I now live in Missouri and have the property rented, but the pump for the greenhouse is inoperative now. If you wish to inspect the entire system, other than the well, please contact my son at 524-0155. He can arrange for your inspection any day after 4PM.

Sincerely yours,

MAR 06 1981

Jay F. Kunze

No Fee Required
HWS

4/86

For Office Use Only
Fee Received 0
Date _____
Receipt # _____
Receipt by _____
Sent to S.O. 62086

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EXAMINATION FEE INFORMATION

RECEIVED

JUN 23 1986

1. Permit No. 35-7855

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☐ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Jay F. Kunze

3. Post Office Address: 2201 Oak Cliff
Columbia MO 65203 Telephone No. 314-445-8105

4. Source of Water: Well

5. Extent of Use:
Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)
Irrigation _____ (acres) Other/Remark Greenhouse

6. Total rate &/or volume for which proof is submitted 0.04 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:
January 1980

8. Person to contact to accompany the department representative during the field examination:
(same) (Name)
2735 South 55th West (Address) 522-8486 (Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

6/19/86 Date Jay F. Kunze Signature of Permit Holder (and title, if appropriate)

MAR 06 1987

copy retained for file

N

out Arco Hwyway to E-2 stop
To Raist RL, turn left so

1 ²/₃ miles on East Side
of RL (#2755)

MICROFILMED

MAR 06 1987



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720

35-7855
KUNZE, JAY
KUNZE, RUTH
2201 OAK CLIFF
COLUMBIA, MO 65201

138601

April 30, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing

MAR 06 1987

of certified water right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department offices.

Northern Region

Idaho Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814
Phone: 765-4639

Eastern Region

Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83401
Phone: 525-7161

Southern Region

Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Western Region

Idaho Dept. of Water Resources
450 W. State St., (Third Floor)
Boise, ID 83720
Phone: 334-2190

Sincerely,



L. GLEN SAXTON
Chief, Operations Bureau

Enclosures

RECEIVED
JUN 10 1974

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

150 Shoup, Suite 15
Idaho Falls, Idaho 83402
(208) 525-7161

AUGUST 3, 1984

JAY F. KUNZE
3201 OAKCLIFF
COLUMBIA MO 65201

RE: Permit No. 35-7855

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 525-7161 or in person in the third floor State Office Building, 150 Shoup, Idaho Falls, Idaho.

Sincerely,
s/HAROLD W. JONES
Sr. Resource Agent

MICROFILMED

MAR 06 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138567

KUNZE, JAY & RUTH
ROUTE 4, BOX 224
IDAHO FALLS, ID 83401

PROOF DUE NOTICE

MARCH 31, 1984

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 35-7855 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE JUNE 01, 1984. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A POSTCARD WHICH 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, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER THE BENEFICIAL USE POSTCARD OR A 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

MICROFILMED

MAR 06 1984

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. 35-7855

Name(s) of Permit Holder: Jay F. Kunze

Post Office Address: 2201 Oak Cliff

Columbia MO 65201

Tel. No. 314-445-8105

Source of Water: 6" Well

Extent of Use: ☐ Domestic

☐ Stockwater

☐ Irrigation

☒ Other Greenhouse irrigation

(number of households)

(number and type of stock)

(acres)

4000 ft²

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. Well has been in service since 1979. This was (1984) the greenhouse business is not in operation.

5/9/84

Date

Signature of Permit Holder

Jay F. Kunze

Rt 4 Box 224

2201 Oak Creek

Idaho Falls 83402

Columbia MO 65201

153

RECEIVED

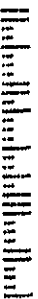
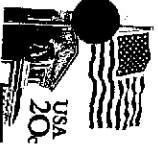
MAY 21 1984



Department of Water Resources
STATEHOUSE

IDAHO DEPARTMENT OF WATER RESOURCES

BOISE, IDAHO 83720



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

WATER RIGHT
DATA ENTRY LOG

Initials	Date	Item
DW	5.4.79	Original form entered
DH	5.4.79	Edit Report Correct
		Date Protested
		Date of Hearing
BR	7.12.79	Date Approved/Denied (Proof due date, stage and/or status, conditions of approval, water district)
		Record Verified
		Amendment Approved
		Extension Approved
		Partial Proof
		Proof Complete
		Field Exam Received
		Field Exam Accepted and changes entered
		License Signed
		Transfer Approved
		DW JUL 23 1984



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS

Governor

C. STEPHEN ALLRED

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 384-2215

July 11, 1979

The Post Register

P.O. Box 1800

Idaho Falls, Idaho

83401

Gentlemen:

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

The exercise of this permit may also be affected by the court's determination of water rights in the case of Idaho Power Company v. State of Idaho, et al., Civil No. 62237, currently pending before the District Court of Ada County.

Idaho Power officials tell us that because of Case No. U-1006-124 filed before the Idaho Public Utilities Commission, Idaho Power Company is asking the District Court of Ada County to determine whether the Power Company's water rights on the Snake River are protected against subsequent upstream appropriations in the waters of the Snake River and surface and subterranean tributaries between Milner Dam and Hells Canyon.

Since the use of water under your permit may affect the flows in this reach of the Snake River, the final decision in Idaho Power Company v. State of Idaho, et al. (Ada County Civil No. 62237) may determine to what extent the exercise of your permit may be subject to the water rights of Idaho Power.

While the Ada County court is examining this question, Idaho Power Company has not filed a specific protest to your permit. However, the Department of Water Resources has been advised that the Power Company is not waiving any of its rights to contest or limit the exercise of your permit or a subsequent license or water right.

If you have any questions, please let us know.

Sincerely,

David R. Tuthill Jr.

DAVID R. TUTHILL, JR.

Supervisor, Water Allocations Section

DRT:lr

Enclosure

MICROFILMED

May 30, 1979

The Post Register
P. O. Box 1800
Idaho Falls, Idaho 83401

Gentlemen:

Re: Application for Permit No. 35-7855 - Kuns

Please send an affidavit of publication and certified bill in connection with the above referenced application as soon as possible.

Thank you,

DONNA HENRIQUES
Secretary

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

1515 Lincoln Road
Idaho Falls, ID 83401
(208) 523-7186

MAY 4, 1979

The Post Register
P. O. Box 1800
Idaho Falls, Idaho 83401

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 billing to this office before MAY 29, 1979.

Yours truly,

RONALD D. CARLSON
Supervisor

Encl.

RECEIVED
MAY 14 1979

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:

35-2855

KUNZE, JAY &/or RUTH

ROUTE 4, BOX 224, IDAHO FALLS, ID 83401

Source: GROUNDWATER

Date Filed: 05/01/1979

Amount: 0.20 CFS

Diversion Point: NWSN Sec 29 T 02N R 37E, BONNEVILLE Co.

Use: HEATING	(0.20 CFS)	from 01/01 to 12/31
COMMERCIAL	(0.02 CFS)	from 01/01 to 12/31

Place of Use: NWSN Sec 29 T 02N R 37E

Diversion Means: WELL, PUMP, DELIVERY SYSTEM

rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1515 Lincoln Rd., Idaho Falls, Idaho 83401 on or before MAY 29, 1979.

C. STEPHEN ALLRED

Director

Published 5/10 & 5/17/79.

RECEIVED
MAY 27 1979
IDAHO DEPARTMENT OF WATER RESOURCES

6-21-79

John

If you have some
thoughts add them &
send this app. back

Thanks
R. J. P.

MICROFILMED

ROUTING SLIP

DATE: <u>6/18/79</u>	TIME: _____
TO: <u>Ralph Mellin</u>	REF. No. (if any) _____
FROM: (show title) <u>Jim Johnson</u>	_____

FOR YOUR:

- ☐ Information
☐ Approval
☐ Signature

REVIEW AND:

- ☐ Call Me ☐ See Me
☒ Comment & Return
☐ Take Proper Action
☐ Draft a Reply for Me

PER:

- ☐ Our Conversation
☐ Your Request
☐ Boss's Request

Ralph we would like
 this app back within
 10 days. Please record
 any of your comments
 that may affect approval
 of this application.

Thanks.

My thoughts is this applicant is not creating
 a precedent of depleting groundwater w/ non
 consumptive use; i.e. the return flow is being
 returned to the groundwater system
 For geothermal use I think you need an oiling form
 to gain more info. 90 gpm is a fairly large flow. It must be
 to heat commercial buildings - what is T₂ expected in let & out Temp.

TO _____

DATE _____ WHILE YOU WERE OUT

M _____ TIME _____

OF _____

PHONE: _____
AREA CODE _____ NUMBER _____ EXT. _____

☐ Telephoned

☐ Returned Your Call

☐ Will Call Again

☐ Please Call

☐ Called to See You

On several occasions the project should be encouraged & approved. Although more cost pump money might be encouraged than just the 0.02 eff out of the total 0.2 eff. This would keep the return flow pump lower for injection into the shallow aquifer.

if a geothermal permit is needed it should accompany the permit. The exemption in the law seems to imply a regulated designation - this permit for 90 gpm seems large enough for most than end heating plant.

Page 4

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Ernest

APPLICATION NUMBER: _____

CHECK:

55. ☒ Source, g.w.
☒ Point of diversion.
☒ County. *As per telecon 5/1/79*
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- NA ☐ Idaho State Health Department. Copies sent by: _____ Date: _____
☐ Idaho Fish and Game Department. _____
☐ Idaho Department of Lands. _____
☐ U.S. Bureau of Land Management. _____
☐ U.S. Forest Service. _____
☒ Other Water Resources Geothermal _____

PROCESSING:

- ☐ Yes ☐ No Platted by: EMC Map No. Geo 2N 37E
☐ Yes ☒ No Other rights on same place of use. NA JJ.
☐ Yes ☐ No* In form for advertising.
☐ Yes ☒ No Final date for protests: MAY 29, 1979
Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 5-31-79
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
4/26/79 Date of priority recommended.
Special conditions of approval or cover letter. _____

Route to Geothermal for comments.

Send Snake River Tributary letter.

By: _____ Date: _____

STATE OFFICE REVIEW:

10 - add to geothermal before approval - note on your cards

- ☐ See attached sheet for more information.

By: _____ Date: 6/18/79 **RECEIVED** JUN 08 1979