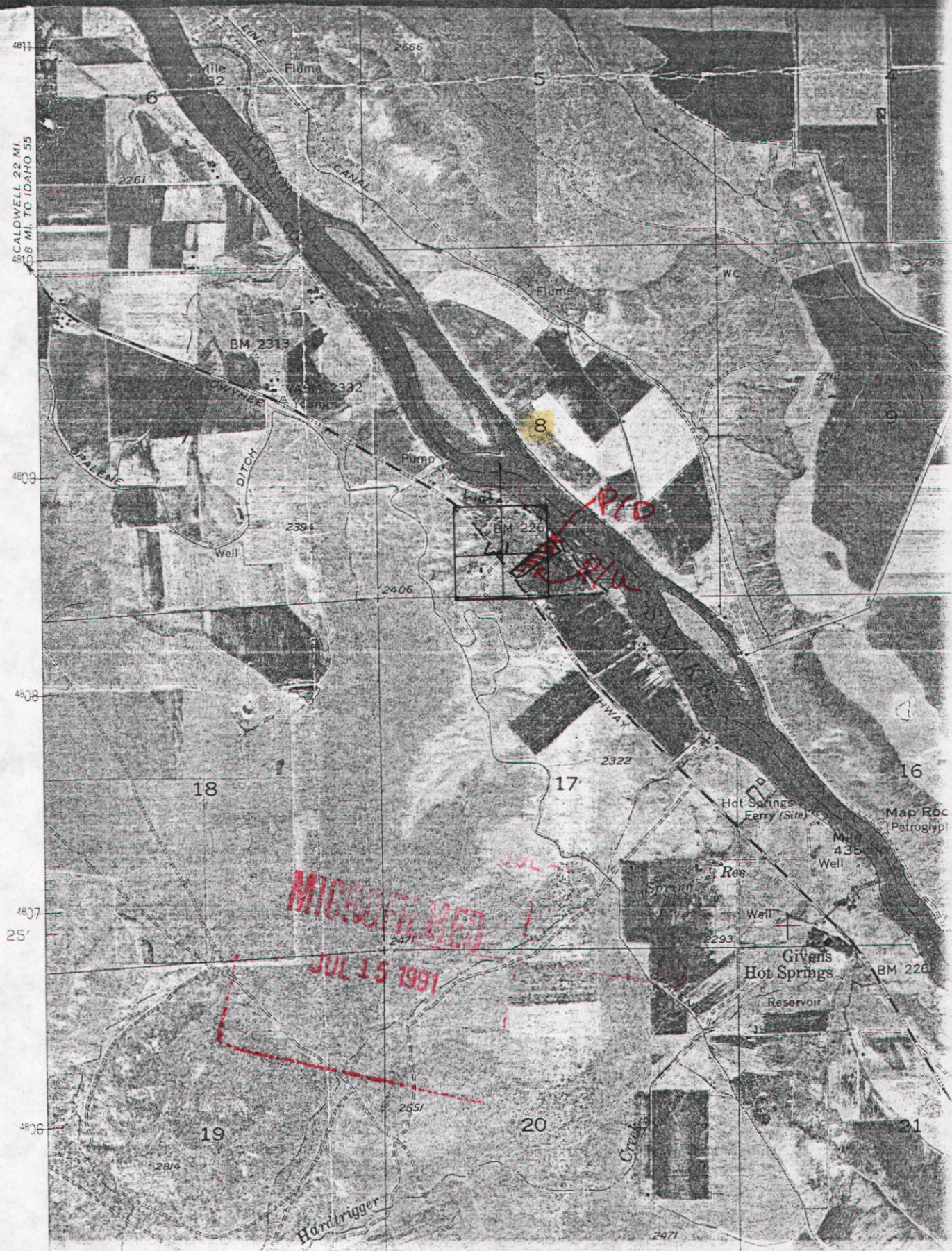


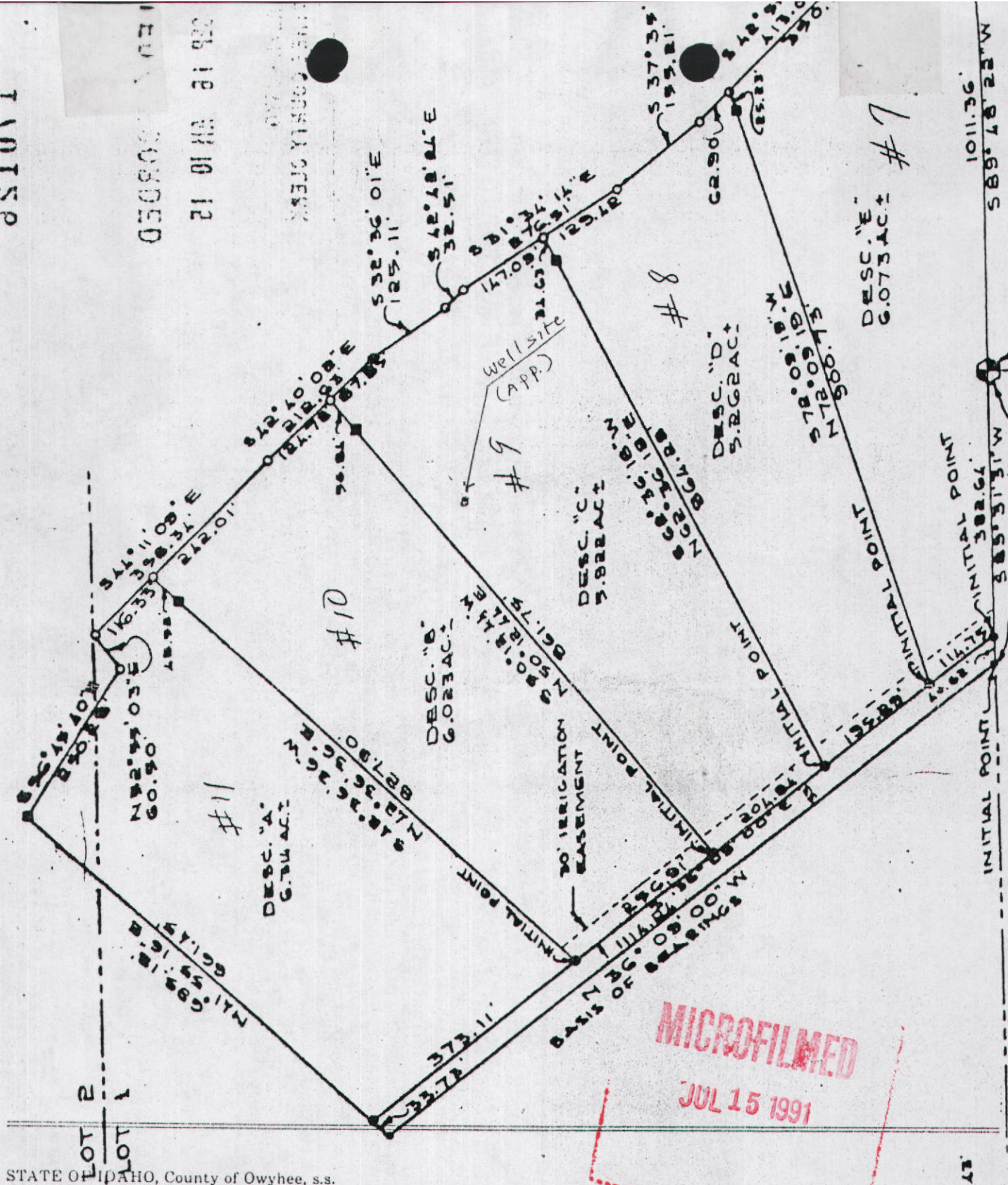
IN 3W



150152

RECORDED
26 12 PM 10 12

CONVEYANCE



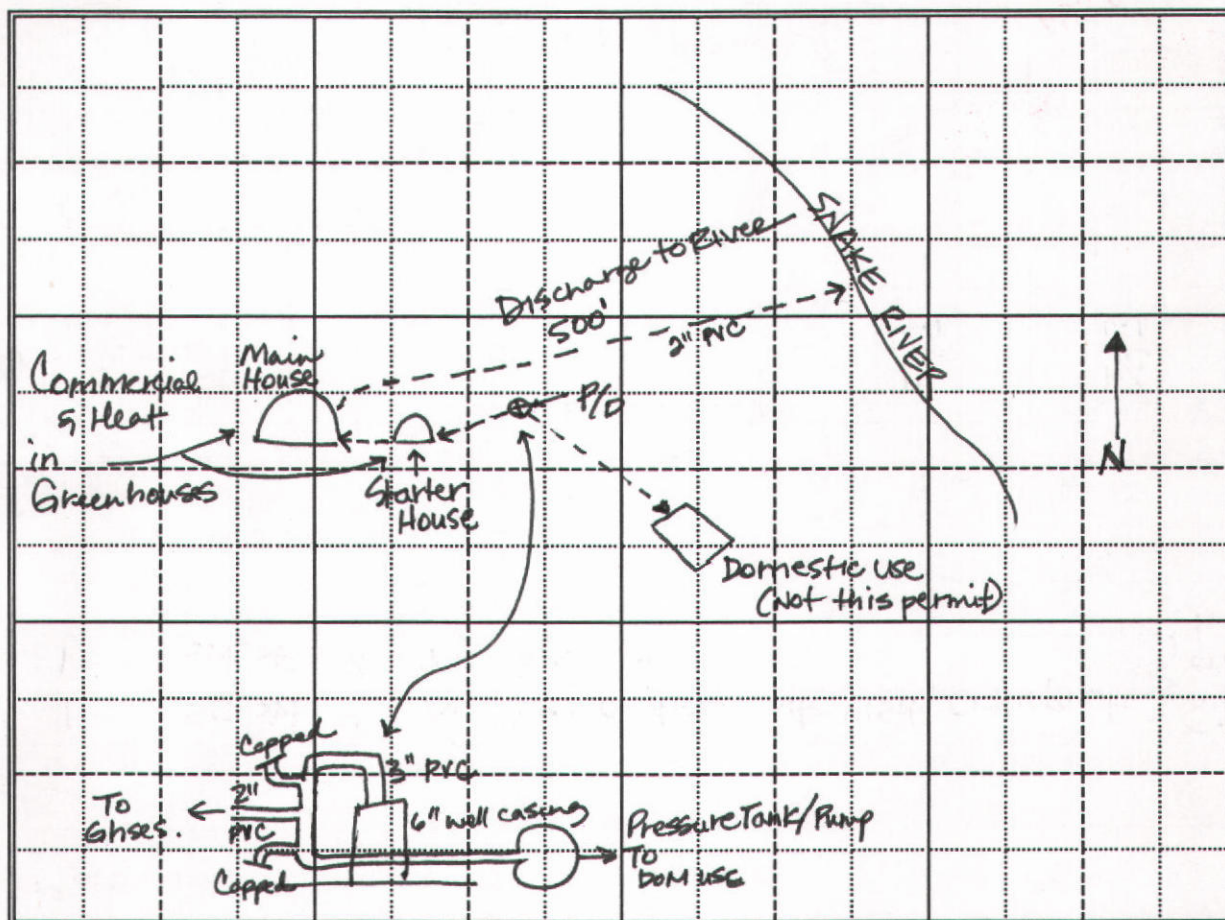
STATE OF IDAHO, County of Owyhee, s.s.

I, ... Assessor in and for said County and State, do hereby certify that the above and foregoing is a true and correct list of tax numbers placed upon the assessment rolls and assessor's plat book of said county to indicate the certain pieces of land described and shown opposite each number in the said list, in accordance with the provisions of Section 63-302, Idaho Code Annotated of the State of Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand this 21..... day of August....., A.D. 19 81.....

Thomas Brunzel
Assessor in and for Owyhee County, Idaho.

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NTS

Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

Aerial Photo Attached (required for irrigation of 10+ acres)

Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A - Artesian					

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

D. FLOW MEASUREMENTS

1.

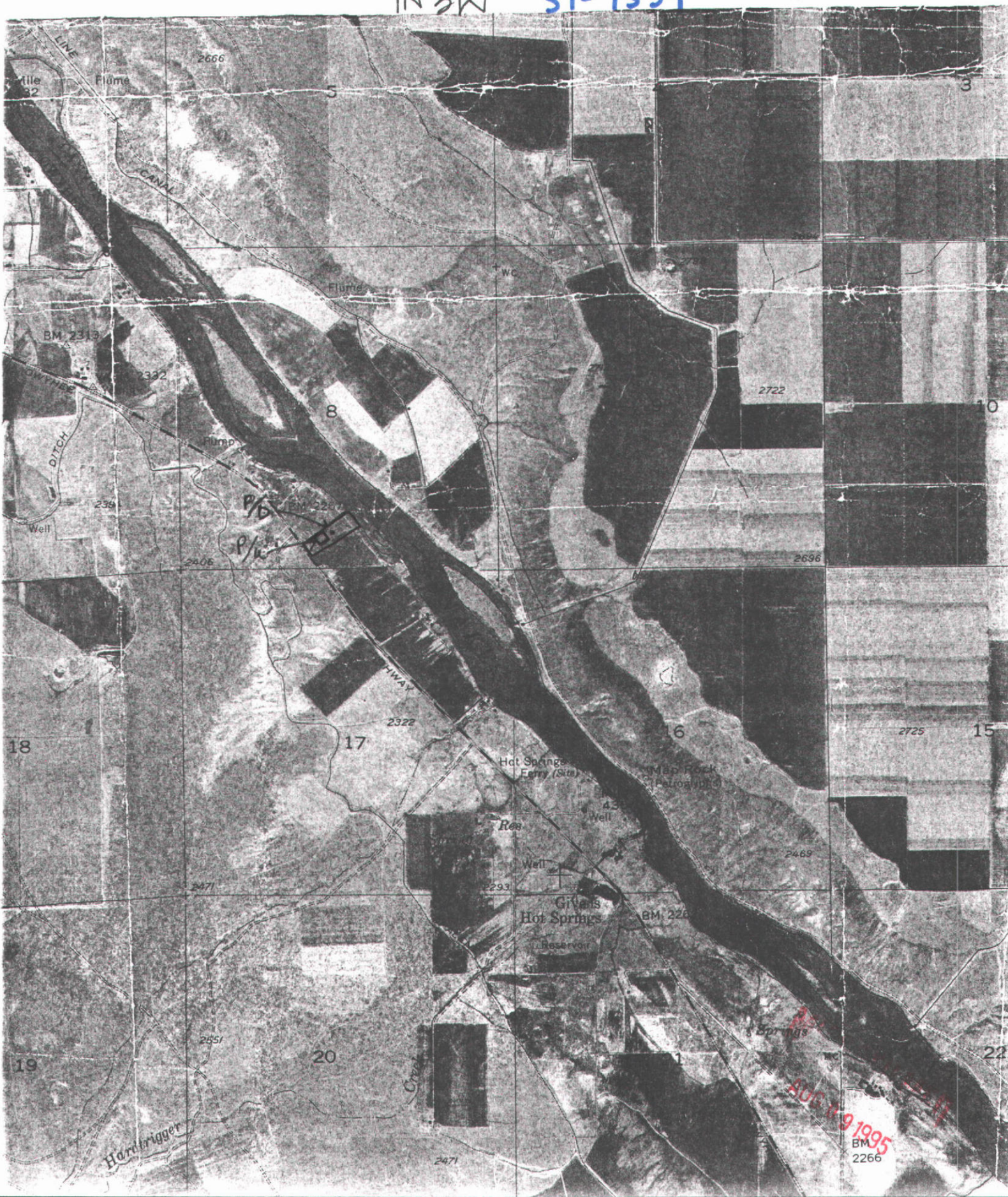
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: Bucket measure/timed fill. 5 gal / 10 sec

(2 full timed)

AUG 09 1995

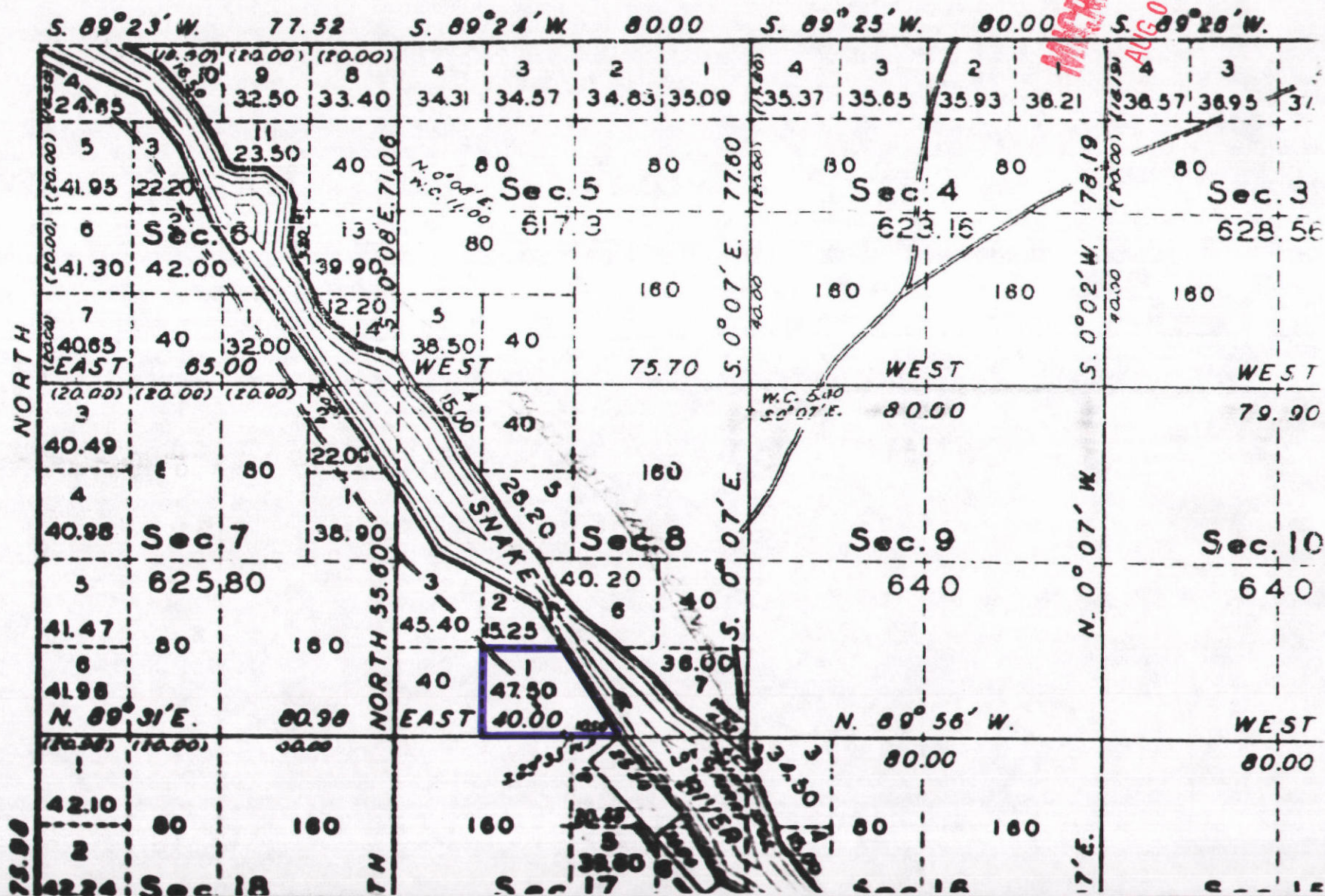
51-7534



COMPOSITE PLAT OF SHIP N° 1 NORTH, RANGE N° 3 WEST C

57-7534

RECEIVED
AUG 9 1995



Sec. 13

57-7534



P/D



Discharge to
Snake River

RECEIVED
AUG 09 1995

Cooling fan



P/u

#1 House.
Starter house.Heating unit
Shown

P/u

#2 house

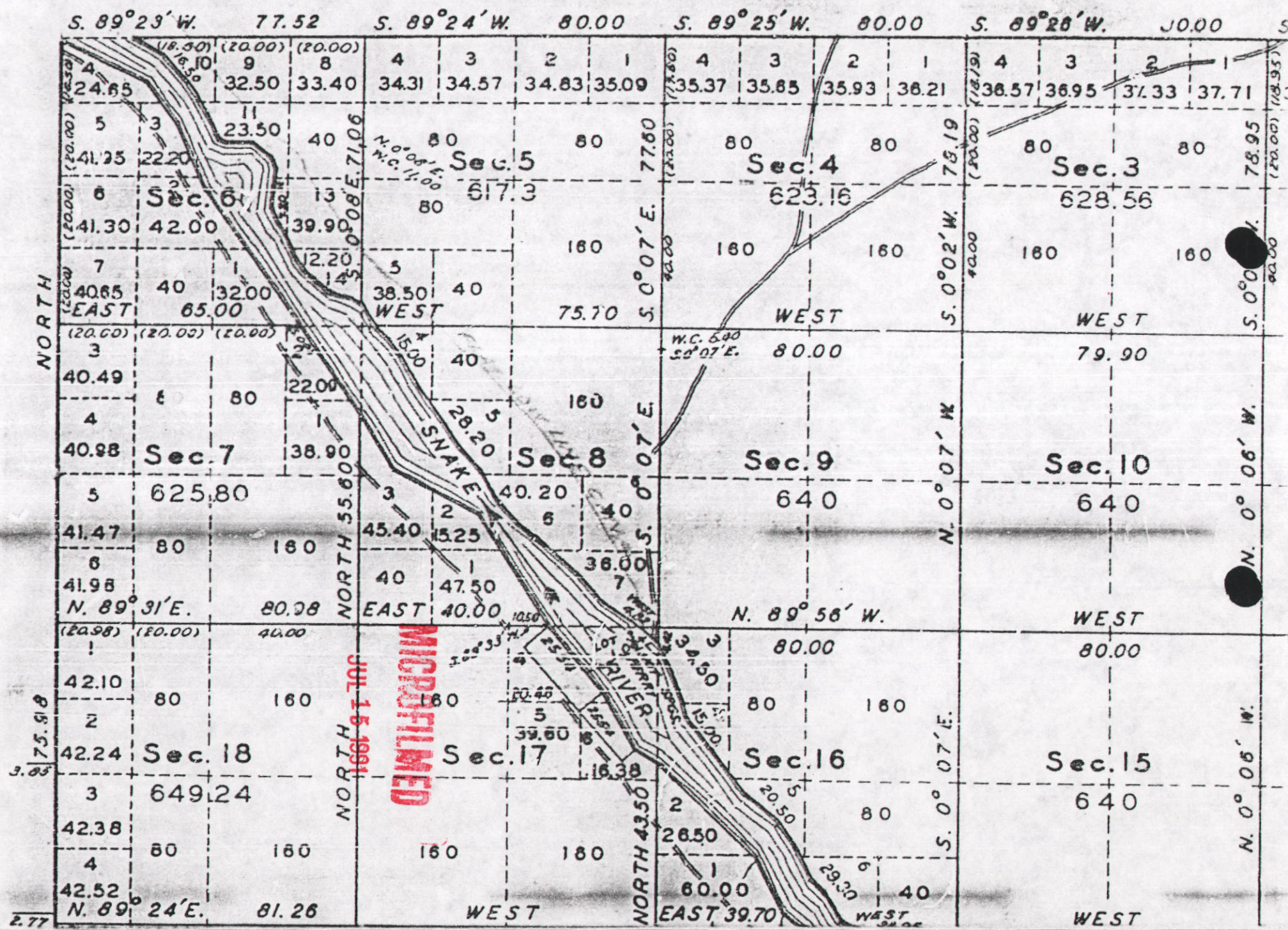
Main house

Heating unit

&

Cooling fans
Shown

RECEIVED
AUG 09 1995



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 57-07534

Priority: January 31, 1991

Maximum Diversion Rate:

0.07 CFS

Maximum Diversion Volume:

29.8 AF

This is to certify, that LOYD C SHEWEY
WILMA L SHEWEY

HC 79 BOX 104BB
MELBA ID 83641

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 31, 1991; and has submitted Proof of Beneficial Use on June 9, 1993. An examination indicates that the works have a diversion capacity of 0.070 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>
COMMERCIAL	01/01 to 12/31	0.02 CFS	2.1 AF
HEATING	01/01 to 12/31	0.07 CFS	27.7 AF
	Totals	0.07 CFS	29.8 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 1 (SESW), Sec. 8, Township 01N, Range 03W
Lot 1 (SWSE), Sec. 8, Township 01N, Range 03W
OWYHEE County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

01N 03W 8 Lot 1 (SESW) Lot 1 (SWSE)

PLACE OF USE:

HEATING, same as COMMERCIAL 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. Single point of diversion located on or near line between SESW and SWSE, S08, T01N, R03W.
6. Commercial and heating uses are for 2 greenhouses.

AUG 9 1995

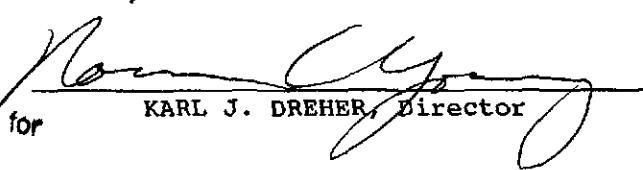
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 57-07534

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 28th
day of July, 1995.

Acting for


KARL J. DREHER, Director

RECEIVED

JUN 09 1993

OFFICE USE ONLY

Amt of Fee \$ 50.00
Date 6-8-93
Receipt No. C 937792
Receipt by JW

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form 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, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 57 - 07534 Telephone No 896 - 4716

2. Name(s) of Permit Holder(s): Wilma L. Shewey & Loyd C Shewey

3. Mailing Address: HC 79 Box 104 BB Melba Idaho 83641

4. Source of Water: GROUND WATER (ARTESIAN WELL)

If GROUNDWATER, Well Driller's Name: JIMMY DeFoe Date Drilled: NOT AVAILABLE
11-30-83

OPTIONAL:

Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (No. of acres) Other COMMERCIAL / 0.02
HEATING 0.10 (GREENHOUSE)

6. Total rate and/or volume for which proof is submitted 0.10 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? _____ Yes _____ No Installed? _____ Yes _____ No

OR

Flow Measurement Port: Required? _____ Yes _____ No Installed? _____ Yes _____ No

8. Fee Enclosed. \$ 50.00 (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system

Loyd C Shewey 896-4716
Name Telephone No

HC 79 Box 104 BB Melba Idaho 83641
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

6-8-93
Date

Loyd C Shewey
Signature (and title, if on behalf of a company or organization)

JUN 30 1993

RECEIVED
JUN 19 1992

For Office Use Only
\$15 Fee Received by SCJ
Date 6-19-92
Receipt No. C024621

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

REQUEST FOR EXTENSION OF TIME

TO PROVIDE ADDITIONAL TIME IN WHICH TO SUBMIT PROOF OF
BENEFICIAL USE FOR A WATER RIGHT PERMIT

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time in which to complete development of water right under the provisions of Section 42-204, Idaho Code.

Permit No. 00-00000

Name(s) of Permit Holder: WILMA L. HENRY & LLOYD L. HENRY

Mailing Address: 445 E. 10th St. P.O. Box 7166

Date Proof is Due June 1, 1993 Telephone No. 211-4776

Describe what work has been completed toward the development of this water right:
(This must be filled out! If no work has been completed, show "none".)

Work has been completed on the pipeline to the house
and the pipeline has been installed and completed
and the pipeline has been installed and completed
and the pipeline has been installed and completed
and the pipeline has been installed and completed Costing \$ 6,000.00

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

Due to the fact that the pipeline is not yet installed
and the pipeline is not yet installed
and the pipeline is not yet installed

Permit holder(s) request an extension to July 1, 1993.

FEE: \$15.00

(Signature)* W. L. Henry

*If other than permit holder, Power of Attorney must be supplied.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

MICROFILMED

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED
and the time within which to submit proof of beneficial use is
extended to July 1, 1993.

JUL 27 1992

Signed this 1st day July, 19 92

J. Glen Saxton
Chief, Water Allocation Bureau

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 57-07534

Proposed Priority: January 31, 1991 Maximum Diversion Rate: 0.10 CFS
This is to certify, that **WILMA L. SHEWEY**

LOYD C. SHEWEY
HC 79 BOX 104BB
MELBA, ID 83641

has applied for a permit to appropriate water from: **GROUNDWATER**
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>
COMMERCIAL	01/01 to 12/31	0.02 CFS
HEATING	01/01 to 12/31	0.10 CFS
	Totals	0.10 CFS

LOCATION OF POINT(S) OF DIVERSION: LOT 1(SESW), Sec. 8, Township 01N, Range 03W
LOT 1(SWSE), Sec. 8, Township 01N, Range 03W
OWYHEE County

PLACE OF USE: COMMERCIAL
TWN RGE SEC

01N 03W 8 LOT 1(SESW) LOT 1(SWSE)

PLACE OF USE: HEATING, same as COMMERCIAL use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 1992.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. Single point of diversion located on or near line between SESW and SWSE, L01, S08, T01N, R03W.
5. Heating and Commercial uses are for greenhouses.

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

20th day of June, 1991.

R. Keith Higginson
for R. Keith Higginson, Director

MICROFILMED

JUL 15 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Loyde & Wilma Shewey Phone 896 4716
Post office address HC 79 Box 104 BB Melba Id. 83641
2. Source of water supply ground water which is a tributary of N/A
3. Location of point of diversion is SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of ~~TA~~ #9 $\frac{1}{4}$ Govt. Lot 1
Leitch Giff Subdivision
Sec 8 Township 1-N Range 3-W B.M. Quaylee County; additional
See Legal & site plan attached
points of diversion if any. ~~SWSE~~ L. 1 Sec 8 IN 3W B.M. (per plat map
(one point of diversion) 9 orthophotquad)
4. Water will be used for the following purposes.
Amount ~~1.04~~ for ~~Domestic~~ purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Heating
Amount .10 for ~~Heating~~ purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Heating
Amount ~~1.04~~ for ~~Heating~~ purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum) Commercial
Amount .02 for Commercial purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.10 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works.
a. Description of ditches, flumes, pumps, headgates, etc. underground pvc pipe

b. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet, total
reservoir capacity N/A acre-feet; period of year when water will be diverted to storage
_____ to _____ inclusive.
c. Existing Proposed well diameter is 8" to 6" inches, actual proposed depth of well is 600 feet.
d. Is ground water with a temperature of greater than 90°F being sought? 99°F yes
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).

* Changes made per telecon of 2-5-91 w/ Mr. Shewey PW

JUL 15 1991

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 ~~to be served by a heating and cooling system~~ _____
- e. Other, describe fully water to be used to heat green house s
& For IRRIGATION OF Greenhouse plants

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	
1N	3W	8												L.1 G				L.1 G	2.40
1N	3W	8												L.1 C				L.1 C	3.99

Total number of acres to be irrigated _____

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

Water Right For Ojaleve IRRIGATION district

11 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. _____

12 Remarks Well drilled Oct. 1983 Well Log Attached!

One ~~the~~ point of diversion located on tract line.

SCALDWELL 22 MI
18 MI TO IDAHO 55

IN 3W

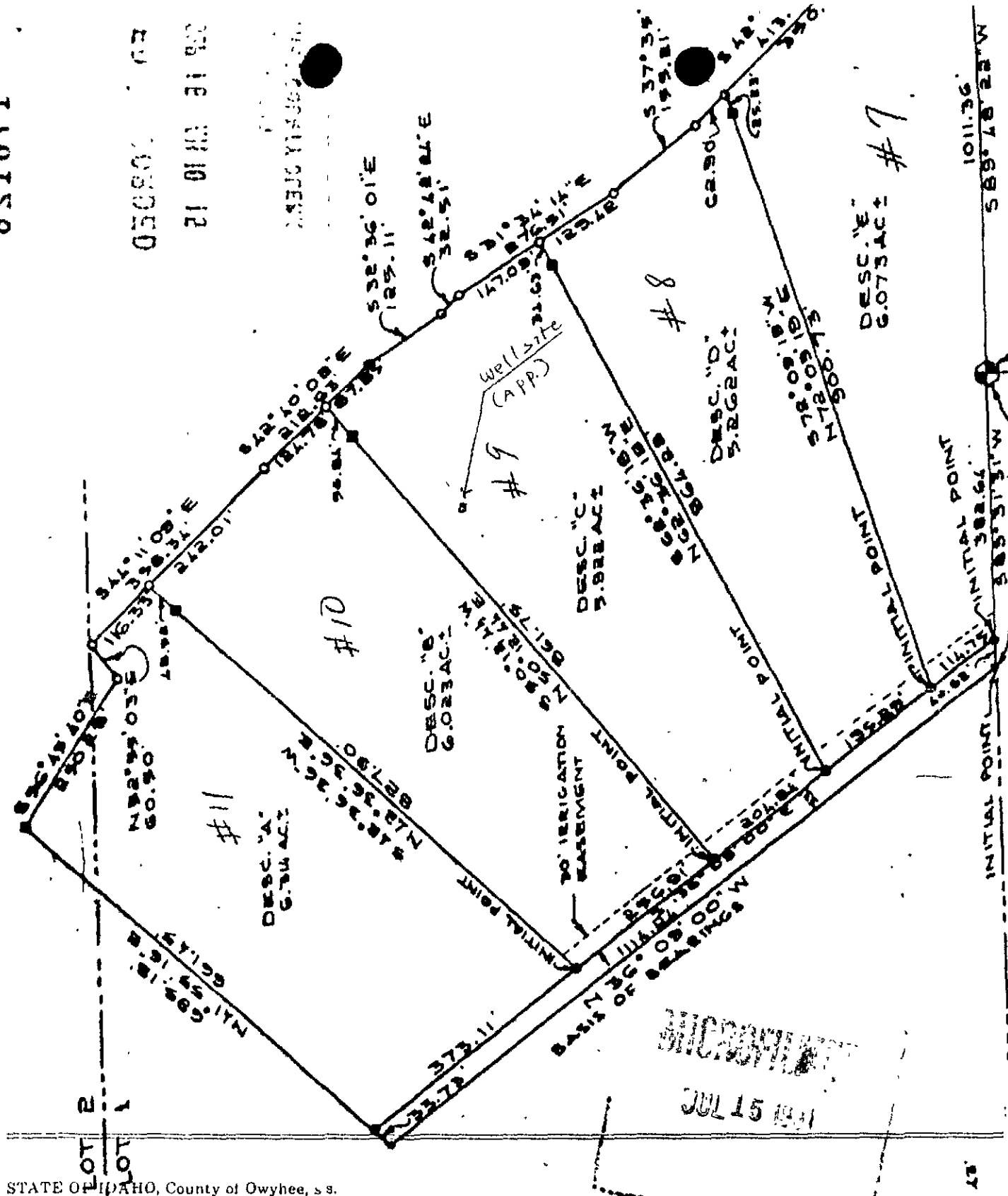


130152

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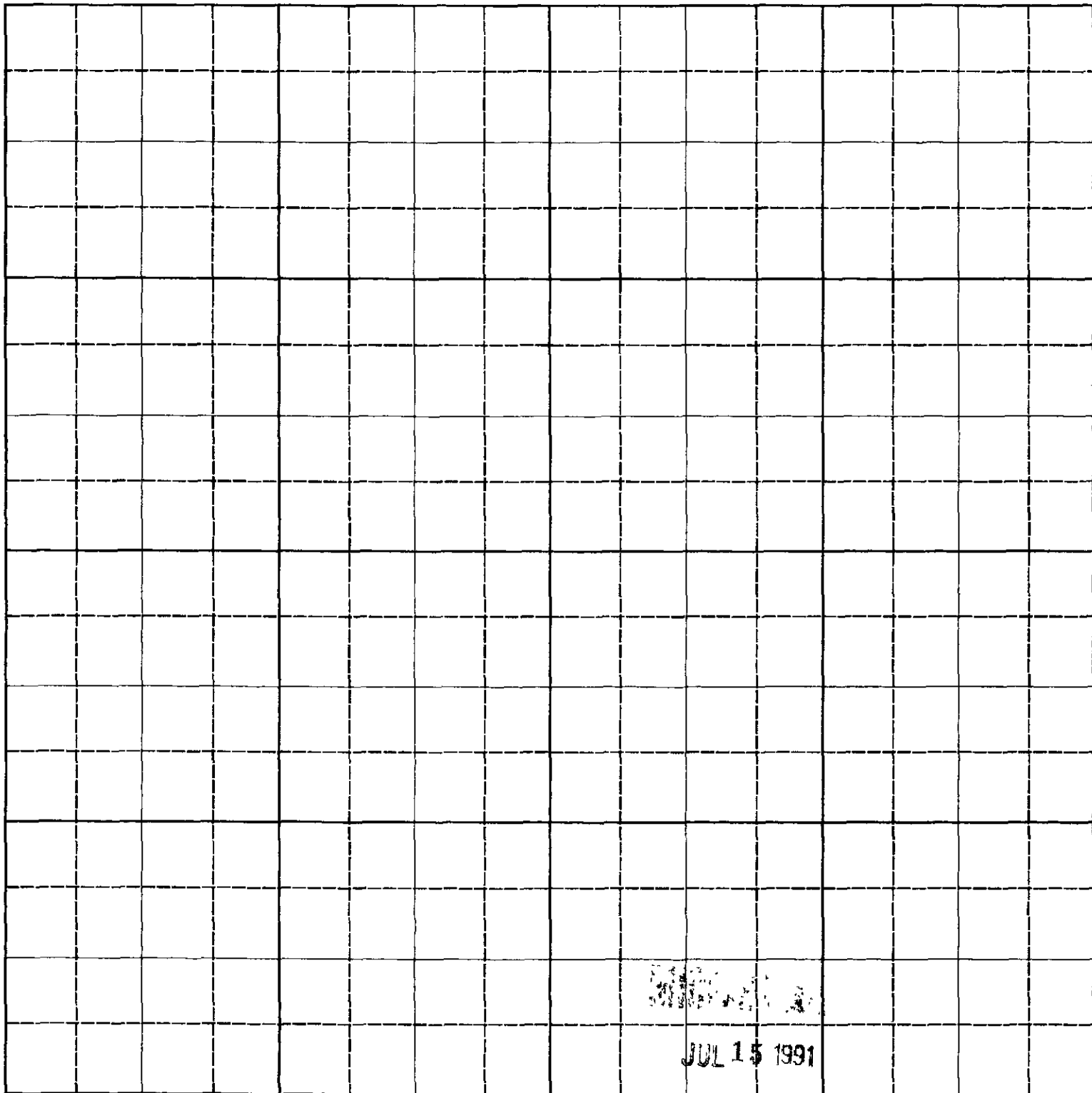


STATE OF IDAHO, County of Owyhee, s.s.

I, ..., Assessor in and for said County and State, do hereby certify that the above and foregoing is a true and correct list of tax numbers placed upon the assessment rolls and assessor's plat book of said county to indicate the certain pieces of land described and shown opposite each number in the said list, in accordance with the provisions of Section 63-302, Idaho Code Annotated of the State of Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand this, day of, A.D. 19

Thomas Brunzel
Assessor in and for Owyhee County, Idaho.

A full-page grid of graph paper. The grid consists of 20 columns and 20 rows of squares. In the bottom right corner, there is a date stamp that reads "JUL 15 1991". The stamp is slightly faded and has a textured appearance.

Lloyd C Shewey
(Applicant)

Received by RW Date 1-31-91 Time 12:00 Noon Preliminary check by CJH
Fee \$ 30.00 Receipted by JH # W0012975 Date 1-31-91
Publication prepared by GG Date 3-27-91 Published in Owyhee Avalanche
Publication approved st Date 4-30-91
4/3 & 4/10/91

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:



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

July 31, 1995

LOYD C SHEWEY
WILMA L SHEWEY
HC 79 BOX 104BB
MELBA ID 83641

RE: WATER RIGHT NO. 57-07534

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED

AUG 09 1995

LICENSE REVIEW CHECKLIST



PERMIT NO. 57-07534 DATE 7-26-95

NAME	<u>Change</u> ☒ <u>OK</u>	☒ Or Address Change?	
PRIORITY DATE	☒	Advance? ☐ Advanced to: _____	
		Order to reinstate needed? _____	
		Incorrect fee for rate recommended? <u>NO</u>	
SOURCE	☒	Changes or just clarification of originally intended source? _____	
		Notice of Intent to Void necessary? _____	
POINT OF DIV	☒	Amendment needed? _____	
		Overlaps? <u>ADJACENT/NA</u>	
PLACE OF USE	☒	Amendment needed? _____	
		Overlaps? <u>SAME AS ABOVE/NA</u>	
DIV RATE	☒	Permit/fee limits: <u>.10 CFS (COM/.02 HEATING/.10)</u>	
	<u>Bucket</u>	Meas Q = <u>.07</u> Theo Q = _____ Recommend: _____	
		Combined rates exceed capacity _____	
ANNUAL VOLUME	☒	Volume Limit: _____ Season: <u>1-1 to 12-31</u>	
		Calculations: <u>HEATING SEASON (200 days) Q = 27.7</u>	
		Flow limit: <u>.07</u> cfs x <u>270</u> x 1.9835 = <u>37.5</u> gf	
		Combined volumes exceed capacity/allowable _____	
USES	☒	Change in Nature of Use or additional uses? _____	
		Amendment necessary? _____	
ADDITIONAL INFO		Supplemental Groundwater ☒ PPU Scenario _____	
		Irr/Dom Combination ☒ Shared G/W System ☒	
NEW REMARKS	<u>NO</u>	Multiple p/d(s) in 1/4? _____	
	<u>YES</u>	Other <u>edit "use" scenario</u>	
NEW CONDITIONS	☒	Watermaster control - District _____	
		Measuring/Locking Devices _____	
		Irrigation Overlap _____	
		Other _____	
		Water Quality _____ Heat/Cool/Fish verified ☒	
COMMENTS:	<u>Reduce rate to capacity.</u>		

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	<u>NO</u>
<u>Commercial</u>	<u>.02</u>	<u>2.1</u>	Adjustment Memo Needed	<u>NO</u>
<u>HEATING</u>	<u>.07</u>	<u>27.7</u>	LICENSE	☒
<u>Total</u>	<u>.07</u>	<u>29.8</u>	1ST AMEND LETTER	
			2ND AMEND LETTER	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUN 06 1995

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 57-7534

1 Owner: LOYD C. & WILMA L. SHEWEN Phone No. 896 4716

Current Address: HC 79 Box 104BB MELBA ID 83641

2. Accompanied by: LOYD EXAM DATE: 7/5/94

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: ground water tributary to _____

B. OVERLAP REVIEW

- 1 Other water rights with the same place of use: ⁰²⁻²⁰⁷² 57-10093, 10860, 7204, 10866, 10399, 7211, 7204, ¹⁰²⁸⁸
- 2 Other water rights with the same point of diversion: 02-2072, 57-7204, 7211, 7445, 7459, 7574

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	1		SE	SW	8	1N	3W	Owyhee	Site Visit, Orthophoto } Single point on or near tract line
	1		SW	SE	8	1N	3W	"	

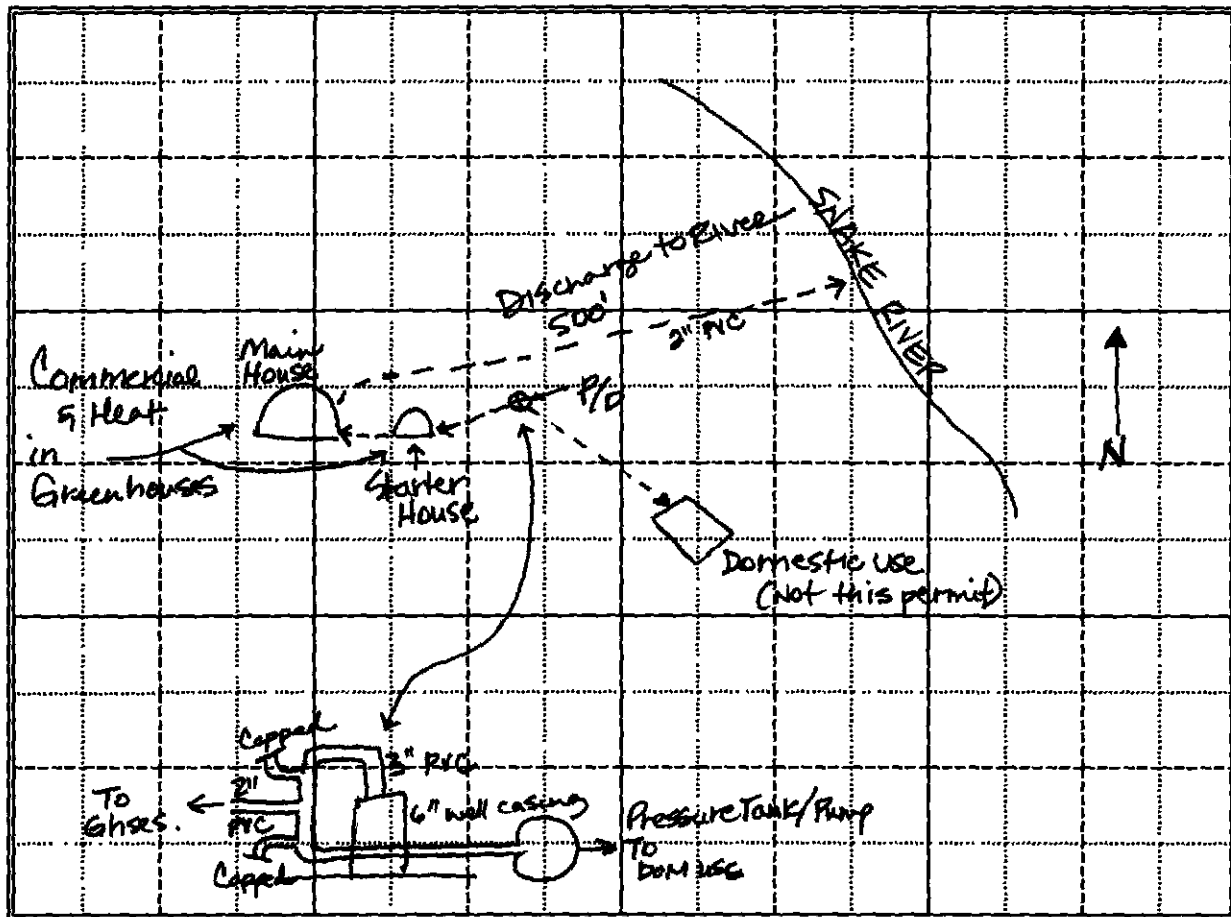
2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
1N	3W	8											H/C				H/C		
													L.I				L.I		

Aug 9 1995

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NTS

Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

Aerial Photo Attached (required for irrigation of 10+ acres)

Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A - Artesian					

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: Bucket measure/timed fill. 5 gal / 10 sec
(2 full timed)

NOV 09 1995

E. NARRATIVE/REMARKS/COMMENTS

A Single artesian well, 6" casing, used for domestic, heating and commercial purposes. Domestic use is not represented on this permit. Heating and commercial use is for 2 greenhouses. Flows go through house #1, then house #2 then are discharged 500' to Snake River thru 2" line.

- House #1, Starter house, 18x20' Quonset, steel frame w/ double poly cover. Used 6 mos/year. Irrigation by hand watering, twice daily, 1/2 hr each session.

- House #2, Main house, 30x100' Quonset, steel frame w/ double poly cover. Used 9 mos/year. Irrigation using spaghetti tube drip emitters. System operates 6 times daily, 15 min each session. 500 emitters total, 2.4 gal/hr each emitter. (.04 gal/min)

- Both houses use forced air heat. Source water flows through heating coils, heat is extracted w/ squirrel-cage fan. Source water is 94°F @ heating units. Season = 200 days.

- Both houses also use evaporative cooling walls during summer. For large house, 24' x 4' x 6" exselsior pads, 100 gal recirculation sump. Flows in = 3 gpm. Flows out (to inhibit salt/mineral buildup) = 1 gpm. Balance evaporates. Used 12 hrs/day, 100 days/year. For small house, same use season, proportionately smaller evaporative loss?

All overlaps are separate uses/sources. Irrigation for this parcel from Opeline I.D. Well not used for irrig.

Technical info @ greenhouse operation from Gary Schwison, operator.

Houses ~~not~~ used for bedding plants, mostly Spring production.

Houses not in production time of exam.

Have conditions of permit approval been met? ☒ yes ☐ no

AUG 09 1995

F. FLOW CALCULATIONS

Measured Method:

☒ Additional Computation Sheets Attached

$$5 \text{ gal in } 10 \text{ sec: } \frac{5 \text{ gal} \times 60 \text{ sec/min}}{10 \text{ sec}} = 30 \text{ gal/min} = .07 \text{ cfs}$$

allow .02 commercial
.07 heat

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

See attached.

$$\text{System capacity} = .07 \text{ cfs} \times 270 \times 1.9835 = 37.5 \text{ AFA}$$

↓
max operation days

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
COMMERCIAL	1/1	12/31	.02	2.1
HEATING	1/1	12/31	.07	27.7
Totals:			.07	29.8

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Cindy Hodges Date 1/3/95

Reviewer _____ Date _____

SEAL

AUG 09 1995

57-7534 VOLUME - COMMERCIAL

① Commercial volume - Greenhouse Irrigation (@ .02 cfs)

House #1

$$V_{DIV} \quad .02 \text{ cfs} \times 180 \frac{\text{days}}{\text{yr}} \times 1 \frac{\text{hr}}{\text{day}} \times 1 \frac{\text{day}}{24 \text{ hrs}} \times 1.9835 \frac{\text{AF}}{\text{day/cfs}} \\ = .3 \text{ AFA}$$

House #2

$$V_{DIV} \quad .02 \text{ cfs} \times 270 \frac{\text{days}}{\text{yr}} \times 1.5 \frac{\text{hrs}}{\text{day}} \times 1 \frac{\text{day}}{24 \text{ hrs}} \times 1.9835 \frac{\text{AF}}{\text{day/cfs}} \\ = .7 \text{ AFA}$$

$V_{DIV \text{ TOTAL}}$

$$= 1.0 \text{ AFA}$$

~~V_{DIV}~~

② Commercial volume - Greenhouse Cooling (@ ^{.01 cfs}~~.02~~ cfs)

House #2

$$V_{DIV} \quad .01 \text{ cfs} \times 100 \frac{\text{days}}{\text{yr}} \times 12 \frac{\text{hrs}}{\text{day}} \times 1 \frac{\text{day}}{24 \text{ hrs}} \times 1.9835 \frac{\text{AF}}{\text{day/cfs}} \\ = 1.0 \text{ AFA}$$

House #1

This house = 360 ft², House #2 = 3000 ft²

$$\frac{360}{3000} = 12\%$$

Assume proportional evaporative loss or $1.0 \times .12 = .1 \text{ AF}$

TOTAL
 $V_{DIV} = 1.1 \text{ AFA}$

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Cindy Hodges
Exam Date: 7/5/94
File No: 57-07534
Computations for: HEATING (greenhouse)
House #2 - Main house

REQUIRED DATA:

Area of livable floor space, ft2 (A) 3000
2 story? (N=1, Y=2) 1
House efficiency factor (e) * 1.11
Inside design temperature (Ti) 80
Average outside temperature (To) ** 6
Source temperature, degrees F (S) 94
Heating/cooling days per season (D) 200
Hours/day system operates (H) 18

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER	SUMMER
4 deg F Boise	80 deg F Boise
6 deg F Grand View	90 deg F Grand View
-8 deg F Cascade	70 deg F Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] A$
Applies factor of 0.8 for two-story dwelling

E = 246,420 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 4.2 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.26 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 77.8 AFA

System capacity = .07 cfs

$.07 \times 200 \text{ days} \times 1.9835 = 27.7 \text{ AFA} \rightarrow \text{max for both houses}$
↓
heating season days 192

AUG 09 1995

RESIDENTIAL SPACE HEATING/COOLING REQUIREMENTS FOR COLD OR GEOTHERMAL SOURCES

Worksheet created by Cindy Hodges, 11/93.

Data entered by: Cindy Hodges
Exam Date: 7/5/94
File No: 57-07534
Computations for: HEATING (greenhouse)
House #1 - Starter house

REQUIRED DATA:

Area of livable floor space, ft2 (A) 360
2 story? (N=1, Y=2) 1
House efficiency factor (e) * 1.11
Inside design temperature (Ti) 80
Average outside temperature (To) ** 6
Source temperature, degrees F (S) 94
Heating/cooling days per season (D) 200
Hours/day system operates (H) 18

* e values are as follows:

- 0.28 Best energy efficiency - extra insulation, caulked and weatherstripped, with storm windows and doors
- 0.44 Better energy efficiency - standard insulation, caulked and weatherstripped, with storm windows and/or doors
- 0.67 Average residence - standard insulation, no weatherproofing but with storm windows or double panes
- 1.11 Poor energy efficiency - minimal insulation, no weatherproofing or storm windows (older homes, shops or greenhouses)

** Suggested average outside temperatures:

WINTER		SUMMER	
4 deg F	Boise	80 deg F	Boise
6 deg F	Grand View	90 deg F	Grand View
-8 deg F	Cascade	70 deg F	Cascade

CALCULATED DATA:

DESIGN HEAT LOAD (BTU/hr required)

Formula: $E = [e \times (T_i - T_o)] A$
Applies factor of 0.8 for two-story dwelling

E = 29,570 BTU/hour

TEMPERATURE DROP ACROSS SYSTEM

Formula: $T_s = 0.3 \times [S - T_i]$

Ts = 4.2 degrees F

FLOW RATE REQUIRED (at given source temperature)

Formula: $Q = E / (500 \times T_s) \times 448.8$

Q = 0.03 cfs

DIVERTED VOLUME OVER SEASON

Formula: $V_{div} = Q \times D \times H / 24 \times 1.9835$

Vdiv = 9.3 AFA

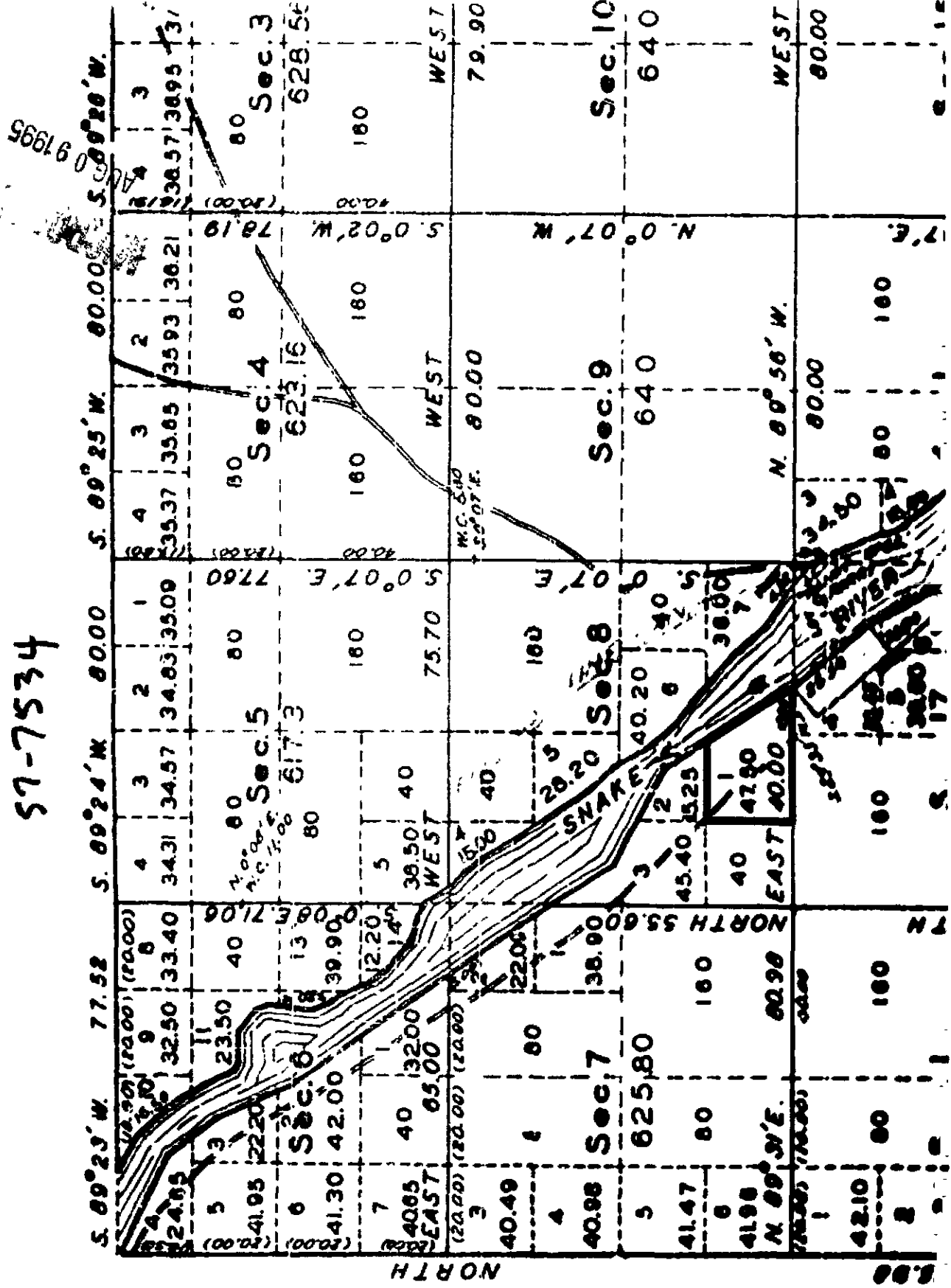
AUG 0 9 1994

IN 3W 51-7534



COMPOSITE PLAT OF
SHIP N° 1 NORTH. RANGE N° 3 WEST C

57-7534



IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: N/A OTHER APPLICABLE NO: 57-7534

2. OWNER: SUENEY, LOYD Phone: _____

Address: HC 79 BOX 104 BB MELBA ID 83641

3. WELL LOCATION: Twp 1N, Rge. 3W, Sec. 8, LOT 1 SESW/SWSE
County Owyhee (Provide sketch map and photo on reverse.)

4. DRILLER: Dufoe Lic. No. 399

When Drilled? 1983 (for Alice Stanley)

5. WELL CONSTRUCTION

Casing Diameter 8 inches Water tight cap? ☒ Yes ☐ No Access Port: ☐ Yes ☒ No

Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____

Depth of Casing _____ ft. Method Drilled _____

Condition of Well Casing: ☐ Good ☒ Fair ☐ Poor Describe Some corrosion

Control Valve? ☒ Yes ☐ No Pressure Gauge: ☒ Yes ☐ No

Condition of Piping and Valving OK

Auger to a depth of _____ ft. Evidence of Annular Seal ☐ Yes ☐ No

Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)

6. HYDROLOGIC INFORMATION

Depth to Static Water 8 ft. Water Temperature 99 °F

Flowing Artesian? ☒ Yes ☐ No Pressure: 8 (psi)

Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____

Water Quality Measurements/Observations (Describe) _____

7. WELL USE:

☒ Domestic ☒ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: Commercial

RECEIVED
AUG 09 1995

C. Hodges

Signature of Dept. Representative & Title

7/5/94

Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

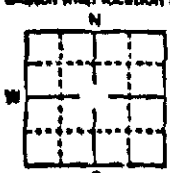
RECEIVED

JUL 09 1995

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

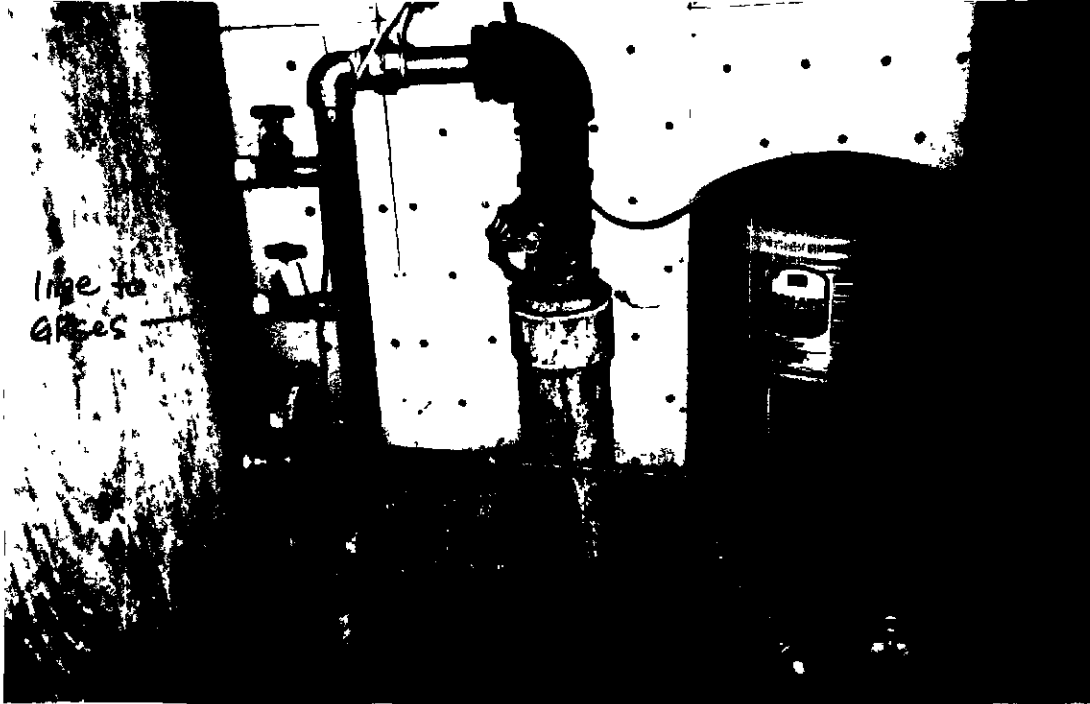
State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

RECEIVED
DEC 1 1983

1. WELL OWNER Name <u>Alice V. Stanley</u> Address <u>P.O. Box 863 - Sun Valley, Idaho 83353</u> Owner's Permit No. _____		7. WATER LEVEL Department of Water Resources Static water level _____ feet below land surface Flowing? ☒ Yes ☐ No G.P.M. flow <u>225</u> Artesian closed-in pressure <u>15</u> p.s.i. Controlled by: ☒ Valve ☐ Cap ☐ Plug Temperature <u>99</u> °F. Quality _____ Describe artesian or temperature zones below _____																																																																												
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 <u>Artesian</u> ☐ Pump ☐ Baller ☐ Air ☐ Other <u>Flowing</u> <table border="1"> <thead> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> </thead> <tbody> <tr> <td><u>225</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Discharge G.P.M.	Pumping Level	Hours Pumped	<u>225</u>																																																																							
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3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)		9. LITHOLOGIC LOG <table border="1"> <thead> <tr> <th>Bore Diam</th> <th>Depth From</th> <th>To</th> <th>Material</th> <th>Water Yes No</th> </tr> </thead> <tbody> <tr> <td>10"</td> <td>0</td> <td>3</td> <td>Top soil</td> <td></td> </tr> <tr> <td>10"</td> <td>3</td> <td>12</td> <td>dark gravel</td> <td></td> </tr> <tr> <td>10"</td> <td>12</td> <td>27</td> <td>blue shale</td> <td></td> </tr> <tr> <td>8"</td> <td>27</td> <td>245</td> <td>blue shale</td> <td></td> </tr> <tr> <td>8"</td> <td>245</td> <td>375</td> <td>light blue shale</td> <td></td> </tr> <tr> <td></td> <td>375</td> <td>352</td> <td>1 brownish clay</td> <td></td> </tr> <tr> <td></td> <td>352</td> <td>412</td> <td>gray sand & blue clay layers</td> <td></td> </tr> <tr> <td></td> <td>412</td> <td>430</td> <td>black clay layers & gray shale</td> <td></td> </tr> <tr> <td></td> <td>430</td> <td>437</td> <td>sandy shale</td> <td></td> </tr> <tr> <td></td> <td>437</td> <td>476</td> <td>sand & clay layers - blue</td> <td></td> </tr> <tr> <td>8"</td> <td>476</td> <td>491</td> <td>dark brown clay - sticky</td> <td></td> </tr> <tr> <td>6"</td> <td>491</td> <td>504</td> <td>dark brown clay - sticky</td> <td></td> </tr> <tr> <td>6"</td> <td>504</td> <td>546</td> <td>gray sand & blue clay layers</td> <td></td> </tr> <tr> <td>6"</td> <td>546</td> <td>600</td> <td>blue clay - sticky</td> <td></td> </tr> </tbody> </table> Water Temperature and Flow: <u>280 - 74° -</u> <u>375 - 87° - 60 gpm</u> <u>450 - 90° - 70 gpm</u> <u>525 - 99° - 225 gpm</u>		Bore Diam	Depth From	To	Material	Water Yes No	10"	0	3	Top soil		10"	3	12	dark gravel		10"	12	27	blue shale		8"	27	245	blue shale		8"	245	375	light blue shale			375	352	1 brownish clay			352	412	gray sand & blue clay layers			412	430	black clay layers & gray shale			430	437	sandy shale			437	476	sand & clay layers - blue		8"	476	491	dark brown clay - sticky		6"	491	504	dark brown clay - sticky		6"	504	546	gray sand & blue clay layers		6"	546	600	blue clay - sticky	
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4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		10. Work started <u>Oct. 7-83</u> finished <u>Nov-19-83.</u>																																																																												
5. WELL CONSTRUCTION Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____ <table border="1"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>2.50</u> inches</td> <td><u>6</u> inches</td> <td><u>1</u> feet</td> <td><u>319</u> feet</td> </tr> <tr> <td><u>2.50</u> inches</td> <td><u>6</u> inches</td> <td><u>2</u> feet</td> <td><u>SDI</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> Was casing drive shoe used? ☒ Yes ☐ No Was a pack or seal used? ☐ Yes ☒ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch Size of perforation _____ inches by _____ inches <table border="1"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</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>32</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 struts Describe access port <u>Top and side opening</u>		Thickness	Diameter	From	To	<u>2.50</u> inches	<u>6</u> inches	<u>1</u> feet	<u>319</u> feet	<u>2.50</u> inches	<u>6</u> inches	<u>2</u> feet	<u>SDI</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>D. See Well Drilling</u> Firm No. <u>374</u> <u>837 West 1st St</u> Address <u>Idaho Falls, Idaho 83415</u> Date <u>11-30-83</u> Signed by (Firm Official) <u>[Signature]</u> and (Operator) <u>Same</u>																																												
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ <u>County Owyhee Government Lot 1</u> <u>(SE 4 SW 4) Sec. 8, T. 1, S. R. 3, E 4</u>		USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT																																																																												

POSSIBLE WELL LOG

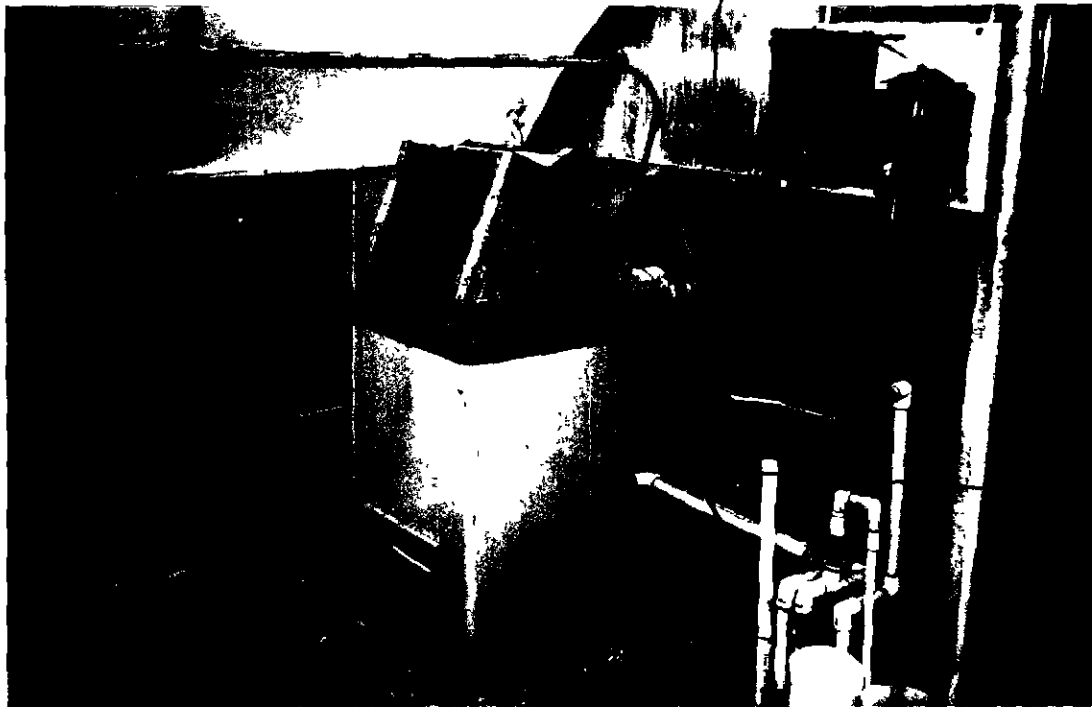
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JAN 1 1984



P/O



Cooling fan



P/u

#1 House.
Starter house.— Heating unit
shown

P/u

#2 house

Main house

— Heating unit

§

— Cooling fans
shown

June 11, 1993

WILMA L. SHEWEY
LOYD C. SHEWEY
HC 79 BOX 104BB
MELBA ID 83641

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 57-07534

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,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

10/11/1993

April 30, 1993

WILMA L. SHEWEY
LOYD C. SHEWEY
HC 79 BOX 104BB
MELBA ID 83641

PROOF DUE NOTICE

RE: PERMIT NO. 57-07534

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 July 1, 1993. (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.

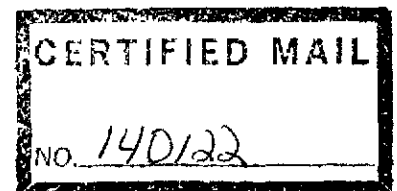
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental 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,

Karen L. Gustafson
Secretary/Records Manager

Enclosures





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

July 1, 1992

Wilma and Loyd Shewey
HC 79 Box 104BB
Melba, ID 83641

Re: Permit No. 57-07534

Dear Permit Holder:

Enclosed is a copy of the approved request for extension of time. The time within which to submit proof of beneficial use is extended to July 1, 1993. Please note that the department has granted this extension based on due diligence. It is important that you work diligently toward the completion of this project during the construction period allowed. The department may not be able to grant additional requests.

If you have any questions or if I can be of any further assistance, please feel free to contact this office.

Sincerely,

Karen L. Gustafson
Karen L. Gustafson
Secretary/Records Manager

Enclosure

C: IDWR-Regional Office

JUL 27 1992

April 30, 1992

WILMA L. SHEWEY
LOYD C. SHEWEY
HC 79 BOX 104BB
MELBA ID 83641

PROOF DUE NOTICE

RE: PERMIT NO. 57-07534

Dear Permit Holder:

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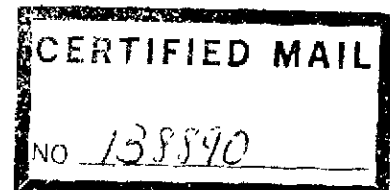
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SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

June 21, 1991

WILMA L. SHEWEY
LOYD C. SHEWEY
HC 79 BOX 104BB
MELBA, ID 83641

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 57-07534

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.

Enclosed is 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 is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

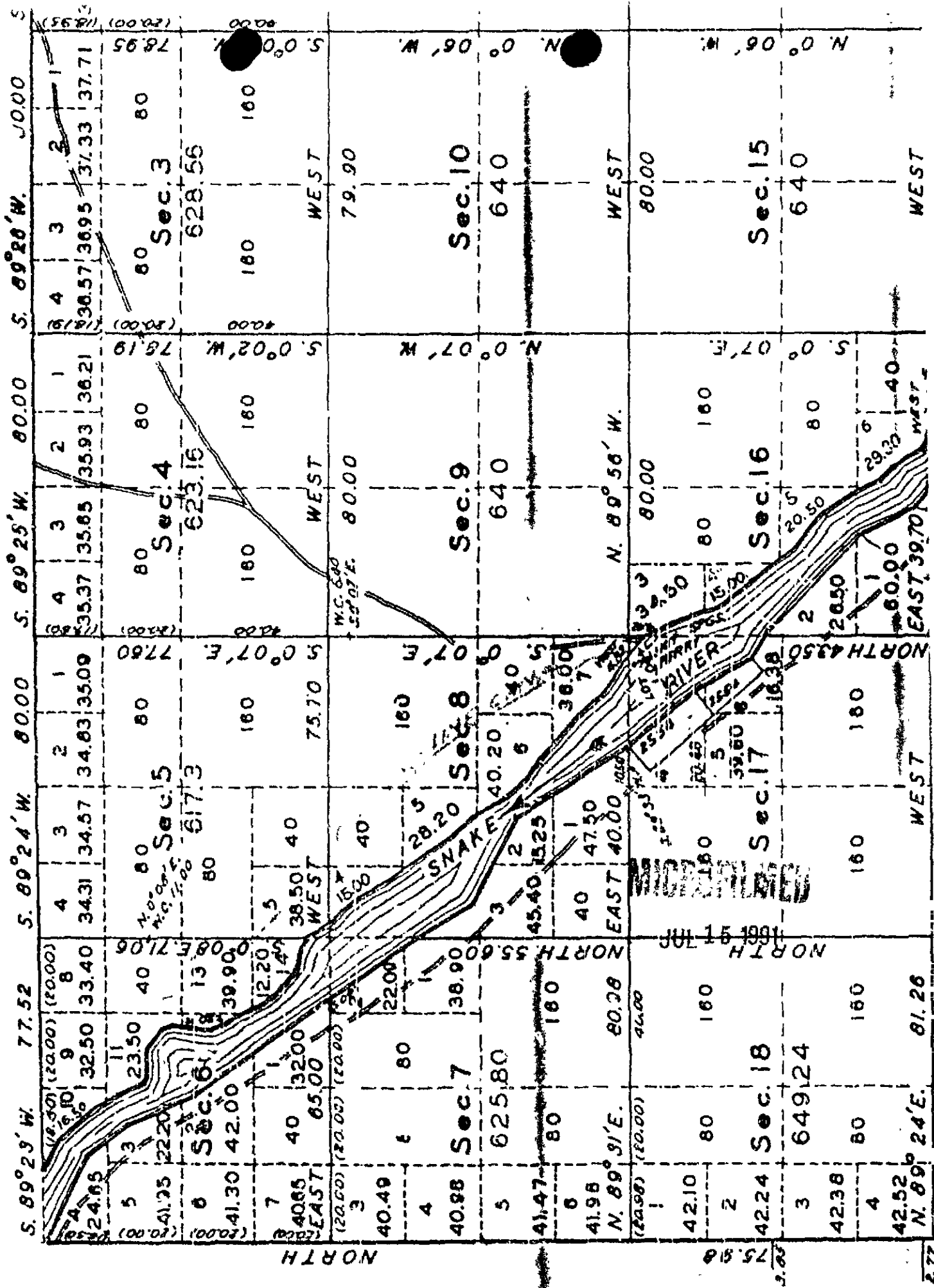
Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

RECEIVED
JUN 21 1991



NO. DESCRIPTION OF EACH TRACT OF LAND DESIGNATED BY TAX NUMBER

A part of Government Lot 1 of Section 8, Township 1 North, Range 3 West of the Boise Meridian in Owyhee County, Idaho, more particularly described to wit:

Commencing at the Southwest corner of said Section 8;
 thence North 89°31'31" East 2306.05 feet, along the South line of the said Section 8, to a point on the Northeasterly right of way line of a State Highway;
 Thence North 36°09'00" West 310.04 feet, along the said Northeasterly right of way line to the INITIAL POINT of this description;
 Thence continue North 36°09'00" West 204.84 feet;
 Thence North 50°12'44" East 861.75 feet, to a point on the Mean High Water mark of the Snake River;
 Thence meandering along the said Mean High Water mark South 42°40'02" 87.85 feet;
 Thence South 32°36'01" East 125.11 feet;
 Thence South 42°42'24" East 32.51 feet;
 Thence South 31°34'14" East 147.09 feet;
 Thence leaving said Mean High Water mark South 62°36'18" West 864.28 feet, to the INITIAL POINT of this description.

This parcel contains 5.922 acres more or less

WILSON

JUL 15 1991

STATE OF IDAHO, County of Owyhee, s.s.

I, _____, Assessor in and for said County and State, do hereby certify that the above and foregoing is a true and correct list of tax numbers placed upon the assessment rolls and assessor's plat book of said county to indicate the certain pieces of land described and shown opposite each number in the said list, in accordance with the provisions of Section 63-302, Idaho Code Annotated of the State of Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of August, A.D. 1981

Sharon Brunzel
 Assessor in and for Owyhee County, Idaho.

Heating calculations Per memo # 23

Given :

$$A = 3600 \text{ ft}^2$$

$$\Delta T = 65^\circ \text{F (where } t_n = 70 \text{ \& } t_o = 5)$$

$$e = 1.11 \text{ for greenhouse, Al. frame, Double plastic Quonset}$$

$$\text{Source temp} = 99^\circ \text{F}$$

BTU req'd : $E = (1.11 \times 65) 3600$
 $E = 259,740$

Temp drop across system :

$$\Delta T_s = (0.6) (99 - 70)$$

$$\Delta T_s = 17.4$$

Flow rate required :

$$W = \frac{259,740}{(500)(17.4)}$$

$$W = 29.85 \text{ gpm} = .066 \text{ cfs} \approx 0.10 \text{ Dcr}$$

3-10-91 CJ4

MICROFILMED

JUL 15 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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.

WELL OWNER

Name Alice V. Stanley
Address P.O. Box 863 - Sun Valley, Idaho 83353
Owner's Permit No. _____

NATURE OF WORK

(New well ☐ Deepened ☐ Replacement ☐
Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

PROPOSED USE

(Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐
Industrial ☐ Stock ☐ Waste Disposal or Injection ☐
Other _____ (specify type)

METHOD DRILLED

(Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☐
(Cable ☐ Dug ☐ Other _____)

WELL CONSTRUCTION

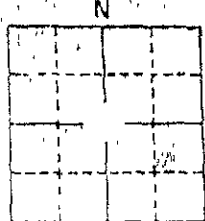
Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness _____ Diameter _____ From _____ To _____
250 inches 8 inches + 1 feet 319 feet
250 inches 6 inches + 2 feet 501 feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches
Number _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet

Full 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 22 Material used in seal: ☐ Cement grout
☐ Bentonite ☒ Puddling 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: Top and side of casing

LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

City Anyhee Government Lot 1
Le C-Goff Subdivision

1/4 Sec. 8 T 1 S 4 E 1

7. WATER LEVEL

Static water level _____ feet below land surface.
Flowing? ☒ Yes ☐ No G.P.M. flow 225
Artesian closed-in pressure 15 p.s.i.
Controlled by: ☒ Valve ☐ Cap ☐ Plug
Temperature 99 °F. Quality _____
Describe artesian or temperature zones below

8. WELL TEST DATA

☐ Pump ☐ Baller ☐ Air ☐ Other Artesian Flowing

Discharge G.P.M. _____ Pumping Level _____ Hours Pumped _____

225 _____ _____

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
10"	0	3	Top Soil		☒
10"	3	18	pea gravel		☒
10"	18	22	blue shale		☒
8"	22	245	blue shale		☒
8"	245	325	light blue shale		☒
	325	352	brownish clay		☒
	352	412	gray sand & blue clay layers		☒
	412	430	brown clay layers & gray sand		☒
	430	439	sandstone		☒
	439	476	sand & clay layers-blue		☒
8"	476	489	dark brown clay-sticky		☒
6"	491	504	dark brown clay-sticky		☒
6"	504	546	gray sand & blue clay layers		☒
6"	546	600	blue clay-sticky		☒

Water Temperature and Flow

250-74° —
325-87° - 60 gpm
450-90° - 70 gpm
525-99° - 225 gpm

10. Work started Oct-7-83 finished Nov-19-83

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name DuSoy Well Drilling Firm No. 399

Address 839 West Iowa Date 11-30-83

Signed [Signature] (Firm Official)

and [Signature] (Operator)

Same

Dept of Water-Western

THE OWYHEE AVALANCHE

P.O. BOX 97 • HOMEDALE, ID 83628 • 208/337-4681

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
)ss
COUNTY OF OWYHEE)

APR 30 1991

I, Joe E. Aman, being first duly sworn, depose and say:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was and now over the age of twenty-one years, not a party to nor interested in the proceedings hereinafter mentioned.

2. That during the time of the publication of the notice hereinafter mentioned, I was and now am the publisher of **The Owyhee Avalanche**, a newspaper of general circulation printed and published weekly, on Wednesday of each and every week, in the City of Homedale, County of Owyhee and State of Idaho.

3. That the said **The Owyhee Avalanche** has been printed and published continuously and uninterruptedly in said County during a period of more than seventy-eight weeks prior to the first publication of the attached notice.

4. That said notice of which a printed copy, taken from said newspaper, is hereto affixed, was published in the regular issue thereof, and not a supplement thereto, in said

newspaper, in

(consecutive) calendar weekly issue(s) of said newspaper, in the following date(s):

April 30, 1991

Signed

Subscribed and sworn to before me this 24th day of April A.D., 1991

Chris Bohem

Notary Public in and for the State of Idaho
Residing at Homedale, Idaho
Commission expires April 1996

NOTICE OF APPLICATION FOR WATER RIGHT

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

51-07339

U.S. DEPT. OF INTERIOR
BUREAU OF LAND
MANAGEMENT
IDAHO STATE OFFICE
3380 AMERICANA TERRACE
BOISE, ID 83706

Source: UNNAMED STREAM
Tributary: MUD FLAT DRAIN
Diversion Pt: NENW Sec 6 T
16S R 12E

Use: STOCKWATER (.140
CFS)

STOCKWATER STORAGE
(4.50 AF)

WILDLIFE (.140 CFS)

WILDLIFE STORAGE (50 AF)

Total Diversion: (2.300 CFS)

Date Filed: 3/14/ 1991

In: T16S R12E S06 NENW

51-07340

U.S. DEPT. OF INTERIOR
BUREAU OF LAND
MANAGEMENT

IDAHO STATE OFFICE
3380 AMERICANA TERRACE
BOISE, ID 83706

Source: ESTES DRAW

Tributary: THREE CREEK

Diversion Pt. SESE Sec 12 T

16S R 11E

Use: STOCKWATER (.140
CFS)

STOCKWATER STORAGE
(4.50 AF)

WILDLIFE (.140 CFS)

WILDLIFE STORAGE (.50 AF)

Total Diversion: (140 CFS)
(5.00 AF)

Date Filed: 3/14/ 1991

In: T16S R11E S12 SESE

57-07534

SHEWEY, LOYD C

HC 79 BOX 104BB

MELBA, ID 83641

Source: GROUNDWATER

Diversion Pt: LOT 1 (SESW)

Sec 8 T 01N R 03W

LOT 1 (SWSE) Sec 8 T 01N R
03W

Use: COMMERCIAL (020
CFS)

HEATING (.100 CFS)

Total Diversion: (100 CFS)

Date Filed: 1/31/ 1991

In: T01N R03W S08 Lot 1
(SESW) Lot 1 (SWSE)

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 APRIL 22, 1991

R. KEITH HIGGINSON,
Director

57-07534

SHEWEY, LOYD C.
HC 79 BOX 104BB
MELBA, ID 83641

Source: GROUNDWATER

Diversion Pt: LOT 1 (SESW) Sec 8 T 01N R 03W
LOT 1 (SWSE) Sec 8 T 01N R 03W

Use: COMMERCIAL (.02 0 CFS)
HEATING (.10 0 CFS)
Total Diversion: (.100 CFS)

Date Filed: 1/31/ 1991

In: T01N R03W S08 Lot 1 (SESW) Lot 1 (SWSE)

IN 10/15/91
JUL 15 1991