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WATER RESOURCES
WESTERN REGION

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A51-10056

Date Received: 11/30/1988

Receipt No: M002003

Received By: _____

**COPY FOR
YOUR FILES**

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

**COPY FOR
YOUR FILES**

1. Name: M KEITH THOMAS 208-845-2991
Address: HC 85 BOX 145
BRUNEAU ID 83604-9704

OR

Name: GRACE E THOMAS 208-845-2991
Address: HC 85 BOX 145
BRUNEAU ID 83604-9704

2. Date of Priority: JUL 2, 1951

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
07S	04E	1	SW	SW	NE		OWYHEE

5. Description of diverting works:
WELL, 2160' DEEP, 75 HP PUMP, 16' CASING

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
HEATING	01/01	12/31	0.200		
DOMESTIC	01/01	12/31	0.040		
STOCKWATER	01/01	12/31	0.120		

7. Total Quantity Appropriated is:
0.200 C.F.S. (and/or) A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
ONE DOMESTIC HOUSEHOLD WITH HEAT, 500 BEEF CATTLE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07S	04E	1	SW	NE		HEAT	
			SW	NE		DOMEST	
			SW	NE		STOCK	

11. Place of use in counties: OWYHEE

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:

NONE

14. Remarks:

THIS IS THE SAME WELL AS FOR LIC. A51-02122
ADDRESS CHANGE REC'D 08/30/94 SS.

15. Basis of Claim: BENEFICIAL USE



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

August 23, 1994

KEITH AND GRACE THOMAS
HC 85 BOX 145
BRUNEAU ID 83604-9704

RECEIVED

AUG 30 1994

Department of Water Resources

Re: Snake River Basin Adjudication (SRBA)
Notice(s) of Claim No. A51-02148, A51-10055 &
A51-10056
Change of Address

Dear Claimant(s),

records changed 8-30-94 R. Shuman

IDWR has been notified by the Bruneau post office the address presently in our claim records is incorrect. Although I have reached you at the address above, I need you to confirm this is your correct mailing address. Future notices related to your SRBA claim(s) can be sent only to the address on your claim(s) or as otherwise changed by you. The staff of this agency must avoid relying upon the word of others about your mailing address.

If the address above is correct, please sign your name at the bottom of this letter, and return it to this office. Otherwise, please make the proper corrections, sign, and return this letter. Thank you for your help to make sure you receive the future notices we intend to send to you that will keep you notified about SRBA matters.

If the ownership of the property to which this water right applies has changed, please call this office toll-free at 1-800/451-4129 to obtain a form to make this required change to the claim record.

Sincerely,

Adjudication Bureau Staff

SO:ss:region

#####

The address is correct as shown above or as otherwise changed.

Keith & Grace Thomas
Claimant Signature

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
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Ident. Number: A51-10056
Date Received: 11/30/1988
Receipt No: M002003
Received By: *[Signature]*

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

Department of Water Resources
Western Regional Office

1. Name: M. KEITH THOMAS 208-845-2991
Address: H C BOX 145
BRUNEAU, ID 83604
OR
Name: GRACE E. THOMAS 208-845-2991
Address: H C BOX 145
BRUNEAU, ID 83604

2. Date of Priority: JUL 02, 1951

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
07S	04E	1	SW	SW	NE		OWYHEE

5. Description of diverting works:
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9. Non-irrigation uses:
ONE DOMESTIC HOUSEHOLD WITH HEAT, 500 BEEF CATTLE

A51-10056

Page 1

Date: 11/30/88

MICROFILMED
AUG 11 1992

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07S	04E	1	SW	NE		HEAT	
			SW	NE		DOMEST	
			SW	NE		STOCK	

11. Place of use in counties: OWYHEE

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:
THIS IS THE SAME WELL AS FOR LIC. A51-02122

15. Basis of Claim: BENEFICIAL USE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): *Keith Thomas* Date: 11-30-88

Date: _____

State of Idaho)
County of Owyhee) SS.

Subscribed and sworn (or affirmed) before me this 30th day
of Nov 19 88 *Michael Eugene Eibson*
Notary Public

Seal

Residing at Boise, Id
My Commission Expires 9-2-1994

OWNER CODE NAME & ADDRESS PRIORITY DATE WATER USE USE PERIOD FROM TO DIVERSION RATE DIVERSION VOLUME

C M KEITH THOMAS 02/01/1962 STOCKWATER 01-01 12-31 0.12 CFS

C GRACE E THOMAS 01-01 12-31 0.02 CFS

HC 85 BOX 145 01-01 12-31 0.04 CFS

BRUNEAU ID 836049704

(208) 845-2991

TOTAL DIVERSION: 0.18 CFS

Water Source: GROUNDWATER Tributary to: Stage: BENEFICIAL USE

Point(s) of Diversion: T07S R04E S01 SWNE OMWHEE County

Place of use Legal Description for: STOCKWATER

NE

NENE NUNE SWNE SENE : NENE MNW SWNW SENW : NENE NWSE SWSE SESE :

T R S : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac :

07S 04E 1 : S : : : : : : :

Place of use Legal Description for: HEATING

NE

NENE NUNE SWNE SENE : NENE MNW SWNW SENW : NENE NWSE SWSE SESE :

T R S : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac :

07S 04E 1 : H : : : : : : :

Place of use Legal Description for: DOMESTIC

NE

NENE NUNE SWNE SENE : NENE MNW SWNW SENW : NENE NWSE SWSE SESE :

T R S : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac :

07S 04E 1 : D : : : : : : :

POU County: OMWHEE

Non-Irrigation Uses: 1 HOME

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):

A51-02122 A51-02148 A51-10056 R51-02122 R51-02148

Other Water Rights Listing Overlapping Place(s) of Use:

A51-02122 R51-02122

Conditions of Approval:

- N14 - THE QUANTITY OF WATER UNDER THIS RIGHT FOR DOMESTIC AND STOCKWATER USES SHALL NOT EXCEED 13,000 GALLONS PER DAY.
- N09 - THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT FOR DOMESTIC USE AND STOCKWATER USE IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL USE.

AJ0749NP
No. R51-10056

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT
(REGIONAL)

DATE: 07/17/98
PAGE: 2

Remarks: USE HEATING USE IS FOR 1 HOME.

EXP WATER IS LOW TEMPERATURE GEOTHERMAL WATER.
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 51-02122 & 51-02148
STOCKWATER, 500 RANGE CATTLE.

Dates: Exam Made Date: 08/31/1993 Verified Date: 07/17/1998 Objection Filed Date:

Misc: Water District Number: Field Inspection Flag:
Presumption Flag:

Comments: Date: 07/17/1998 User-ID: KWALKER Subject: COPIED FROM REMARKS
THIS IS THE SAME WELL AS FOR LIC. A51-02122
ADDRESS CHANGE REC'D 08/30/94 SS.

Audit: 07/17/98 KWALKER

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

10:14:29
08/30/93
41

PAGE: 13
PROFILE REPORT

CLAIM NUMBER: A51-10056

OWNER CODE: C
NAME & ADDRESS: M. KEITH THOMAS
C GRACE E. THOMAS
H C BOX 145
BRUNEAU ID 83604
(208) 845-2991

PRIORITY DATE: 2/1/90
WATER USE: STOCKWATER
HEATING
DOMESTIC

USE PERIOD FROM TO: 01-01 12-31
01-01 12-31
01-01 12-31

DIVERSION RATE: 0.12 CFS
0.20 CFS
0.04 CFS

DIVERSION VOLUME: 0.02

TOTAL DIVERSION: 0.20 CFS
0.18

Point(s) of Diversion: T07S R04E S01W

Water Source: GROUNDWATER

Tributary to: SWSNE

Stage: BENEFICIAL USE

County: Owyhee

Place of use Legal Description for: STOCKWATER

NE	NW	SE	SW
NENE NUNE SENE : Lt Ac Lt Ac Lt Ac	NENW NUNW SUNW SENW : Lt Ac Lt Ac Lt Ac	NESE NUSE SUSE SESE : Lt Ac Lt Ac Lt Ac	NESW NWSW SWSW SESW : Lt Ac Lt Ac Lt Ac
T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac
07S 04E 1	07S 04E 1	07S 04E 1	07S 04E 1

Place of use Legal Description for: HEATING

NE	NW	SE	SW
NENE NUNE SENE : Lt Ac Lt Ac Lt Ac	NENW NUNW SUNW SENW : Lt Ac Lt Ac Lt Ac	NESE NUSE SUSE SESE : Lt Ac Lt Ac Lt Ac	NESW NWSW SWSW SESW : Lt Ac Lt Ac Lt Ac
T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac
07S 04E 1	07S 04E 1	07S 04E 1	07S 04E 1

Place of use Legal Description for: DOMESTIC

NE	NW	SE	SW
NENE NUNE SENE : Lt Ac Lt Ac Lt Ac	NENW NUNW SUNW SENW : Lt Ac Lt Ac Lt Ac	NESE NUSE SUSE SESE : Lt Ac Lt Ac Lt Ac	NESW NWSW SWSW SESW : Lt Ac Lt Ac Lt Ac
T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac	T R S : Lt Ac Lt Ac Lt Ac
07S 04E 1	07S 04E 1	07S 04E 1	07S 04E 1

POU County: Owyhee

Non-Irrigation Uses: ONE DOMESTIC HOUSEHOLD WITH HEAT 500 BEEF CATTLE

Other Rights: NONE

Remarks: THIS IS THE SAME WELL AS FOR LIC. A51-02122

Dates: Exam Made Date: 8/31/93 Verified Date:

Misc: Water District Number: Field Inspection Flag: Presumption Flag:

EXP: 207-LOW

EXP: 51-02122, 51-02148

N14, N09

comments water at 112° per Mr. Thomas

10:01:47
08/30/93

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

PAGE: 1
GENERAL INFORMATION

29
CLAIM NUMBER: A51-10056

LAST: THOMAS
ADDRESS: H C BOX 145
CITY: BRUNEAU
PHONE NUMBER: 208-845-2991

OWNER CODE: C

FIRST: M J KEITH
STATE: ID ZIP: 83604

LAST: THOMAS
ADDRESS: H C BOX 145
CITY: BRUNEAU
PHONE NUMBER: 208-845-2991

OWNER CODE: C

FIRST: GRACE E
STATE: ID ZIP: 83604

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

CLAIM REMARKS: THIS IS THE SAME WELL AS FOR LIC. A51-02122

DATABASE
Y

FIELD
EXAMINER

fw

CONTACT PERSON: _____ PHONE NUMBER: (____) ____-____

DATE OF FIELD EXAM: ____/____/____ APPOINTMENT MADE: Y(____) N(____) TIME: ____:____ A(____) P(____)

ACCOMPANIED BY: _____ PHONE NUMBER: (____) ____-____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / NOTES:

See file A51-02122

STAGE: J

PRIORITY DATE: 07-02-1951

A. AJ CLAIM: # A51-10056

B. WR RECORD: NO WATER RIGHT RECORD TO MATCH THIS AJ CLAIM

C. FIELD EXAM REQUIRED?

FIELD EXAMINER

DATABASE

Y

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y(✓) N()
IF YES EXPLAIN.

NOTES:

*Evidence submitted says use
began in 1962 - use this date
in recommendation.*

RECOMMENDED PRIORITY DATE:

2-1-1962

REVIEWED BY

[Signature]

DATE

7/16/68

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A51-10056	07S	04E	1	SW	SW	NE		OWYHEE

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A51-02148 NONE

WR RECORDS IN SAME 40 ACRE TRACT
51-02122
51-02148

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

THERE IS NO WATER RIGHT RECORD WITH THE SAME CLAIM NUMBER ✓

SOURCE: NO SOURCE FOR RECORD

TRIB: NO TRIBUTARY FOR RECORD

C. FIELD EXAM REQUIRED?

FIELD EXAMINER	DUE TO POD DISCREPANCY? (Y/N)	DUE TO SOURCE DISCREPANCY? (Y/N)	DATABASE
☒	Y	Y	Y

NOTES:

By claim

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:				COUNTY	DIVERSION NAME
TWP.	RGE.	SEC.	LOT		
75	4E	1	SW NE	73	
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
SOURCE: <u>gw</u>				TRIB: <u>—</u>	
REVIEWED BY: <u>kw</u>				DATE: <u>7/16/98</u>	
SYSTEM DESCRIPTION:					

heating system: pipes in basement that water flows through - only have to open & close windows in basement to regulate heat. Per claimant - inside temp. at 75° - floor space of home = 2400 ft²

A. ROOT WATER RIGHT NUMBERS: A51-10056

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
07S	04E	1	SW	NE		THOMAS, M. KEITH	A51-10056 /		40.0		0
			SW	NE		THOMAS, M K	A51-02122 /40.0	51-02122 /40.0			
			SW	NE		THOMAS, KEITH		51-07100 /35.0			
07S	04E	1	SW	NE		THOMAS, M. KEITH	A51-10056 /		40.0		0
			SW	NE		THOMAS, M K	A51-02122 /40.0	51-02122 /40.0			
			SW	NE		THOMAS, KEITH		51-07100 /35.0			
07S	04E	1	SW	NE		THOMAS, M. KEITH	A51-10056 /		40.0		0
			SW	NE		THOMAS, M K	A51-02122 /40.0	51-02122 /40.0			
			SW	NE		THOMAS, KEITH		51-07100 /35.0			
TOTAL ACRES A51-10056										120.00	

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N () *N/A*
IF YES SEE ATTACHED SHEET:

C. FIELD EXAM REQUIRED? FIELD EXAMINER POU COUNTY: OMYHEE

EW

DUE TO POU DISCREPANCY? (Y/N) DATABASE Y

PRESUMPTION FLAG:

NOTES:

Users are domestic, heating & stock

RECOMMENDATIONS:

TOTAL ACRES:

REVIEWED BY:

DATE:

EW *7/16/98*

A. AJ CLAIMED USES:

PURPOSES	FROM	MONTH/DAY	DIVERSION QUANTITY
A51-10056 HEATING	01-01 TO 12-31		.200 CFS
A51-10056 DOMESTIC	01-01 TO 12-31		.040 CFS
A51-10056 STOCKWATER	01-01 TO 12-31		.120 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED			.200 CFS

B. WR RECORDED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
----------	-----------	--------------------

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

DUE TO WATER-USE DISCREPANCY? (Y/N)	DATABASE	FIELD EXAMINER
DUE TO DIVERSION RATE DISCREPANCY? (Y/N)	Y	☒
DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N)	Y	☒

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

NOTES:

Y() N()
Y() N() Explain in notes, below.

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? *N/A* Y() N()
AJ TOTAL CLAIMED DIVERSION RATE: 0.200 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: CFS

*** IF NO or IF STATUTORY CLAIM or BENEFICIAL USE then flow measurement required. ***
** If an amount smaller than the original diversion rate is **
** claimed and an exam is NOT required, explain in notes. **

FLOW MEASUREMENT REQUIRED?
DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N) Y
FIELD EXAMINER *[Signature]*

B. FLOW MEASUREMENT
MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.
C. ARE OTHER WATER RIGHTS USED? Y() N() *[initials]* IF YES COMPLETE OVERLAP REVIEW.
OTHER RIGHTS LISTED IN CLAIM: NONE
- see domestic space heating worksheet attached.

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A51-02122	GROUNDWATER	THOMAS, M K	6.040	0.020		
NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION						

allow stock - 500 x 0.00022 = 0.11 cfs
admin. memo #3 allows 0.12 cfs
allow domestic @ 0.04 cfs

D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1b. CALCULATIONS

1a. IRRIGATION RATE
ACRES _____ x 0.02 CFS/ACRE = _____ CFS
(Taken from p/u review)
DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y() N()

*** IF YES ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = _____ AF/A
ACRES _____ x CONSUMPTIVE VOL. AF/A FOR AREA _____ =
TOTAL CONSUMPTIVE USE _____ AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = _____ AF/A
ACRES _____ x DIVERSION VOL. AF/A FOR AREA _____ =
TOTAL DIVERSION VOLUME _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

NOTES: (Include limitations on CONSUMPTIVE USE for combined rights.)

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	DATABASE EXAMINER	REC. DIV VOL. AF/A	DATABASE EXAMINER	REC. CONS. USE
Stock	1-1 12-31	0.12				
Domestic	1-1 12-31	0.04				
Heating	1-1 12-31	0.02				
		0.18				N/A

TOTAL FOR THIS RIGHT

REVIEWED BY:

KW

DATE:

7/16/98

N/A

DeMinimus

A. CHECK ONLY THE FOLLOWING THAT APPLY:

ACCEPTED AS CLAIMED ()
NEEDS REVIEW ()
()
()
()

OWNERSHIP
FORFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 51-10056

DATABASE

EXAMINER

CFS

TOTAL DIVERSION RATE OF WR SPLITS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A51-10056	0.200	-	-	-	-
TOTAL CFS		0.200				

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
If NO, is the written review sheet attached? (Y/N)

FIELD EXAMINER

DATABASE

N

NOTES:

AUTHENTICATION:

SIGNATURE:

DATE: 7/10/98

TITLE: Sr. Agent

NAME OF FIELD EXAMINER:

DOMESTIC SPACE HEATING WORKSHEET

Design Heat Load

$$E = [e \times \Delta T] \times A$$

where: E = Btu/hr required

e = efficiency factor

ΔT = design temperature difference ($t_i - t_o$) in °F

A = livable floor space in ft²

$$\Delta T = \left(\frac{75^\circ}{t_i} - \frac{40^\circ}{t_o} \right) \text{°F}$$

where: t_i = inside design temperature (assume 68°F)
 t_o = outside design temperature (°F)

$$\Delta T = \frac{71}{\text{°F}}$$

$$E = \frac{[0.67 \times \frac{71}{e}] \times \frac{2400 \text{ ft}^2}{A}}{\text{efficiency factors (e):}} \quad \begin{array}{l} \text{poor} = 1.11 \\ \text{ave} = 0.67 \\ \text{good} = 0.44 \\ \text{best} = 0.28 \end{array}$$

$$E = 114,168 \text{ Btu/hr}$$

Flow Rate Required

$$Q = [E / (500) (\Delta T_s)] 10.00223$$

where: Q = Flow (cfs)

E = Btu/hr

ΔT_s = system temperature difference (°F)

$$\Delta T_s = 0.3 (s - t)$$

where: s = source temperature (°F)

t = system temperature (assume 68°F)

$$\Delta T_s = 0.3 \left(\frac{112^\circ}{s} - \frac{75^\circ}{t} \right) = \frac{37}{\text{°F}}$$

$$Q = \frac{[114,168 / (500) \left(\frac{37}{\Delta T_s} \right) 10.00223 \times \frac{114,168}{18500}}{E} = 6.17 \times$$

$$Q = 0.02 \text{ cfs}$$

$$6.17 \times 0.00223 = 0.013$$

allow 0.02 -

Note: Consumptive use volume for domestic space heating will be considered de minimus.

closing windows in basement.

pipes in basement that
 water runs thru - only
 regulate by opening &
 closing windows in basement.



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

August 19, 1993

RE: NOTICE OF CLAIMS TO WATER RIGHTS FILED IN THE SNAKE RIVER
BASIN ADJUDICATION

FIELD EXAM NOTICE

M. K. &/or Grace E. Thomas
HC 85, Box 145
Bruneau, ID 83604

Dear Mr. and Mrs. Thomas:

I have to conduct an examination on your notices of claims to water rights before they can be recommended to the Judge for decree. Enclosed are profile reports of the claims that I have to examine. In order to conduct this exam as efficiently as possible, I ask that you contact me before August 30 to schedule a day and time convenient for you. Although it is not mandatory that you accompany me, it does insure that an accurate description of your system will be made. If either yourself, or someone familiar with the system could accompany me it would be appreciated.

If there is a problem with scheduling the examinations, please call at your earliest convenience.

Sincerely,

A handwritten signature in cursive script that reads "Kay Walker".

KAY WALKER
Sr. Water Resource Agent
Adjudication Bureau
(208) 334-2190

Enclosures

RECEIVED

MAR 5 1993

Department of Water Resources

IN THE MATTER OF: Civil Case 39576)

SNAKE RIVER BASIN ADJUDICATION)

EVIDENCE OF PRIORITY)

STATE OF IDAHO)

COUNTY OF _____)

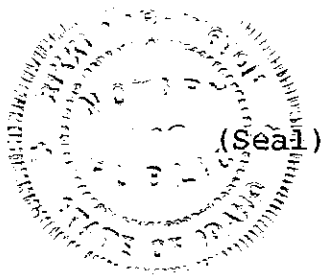
AFFIDAVIT

built house & install hot water heat
in 1962

A. L. Treidell
(Signature)

156 5th Rd N

Nampa, Idaho 83687



Subscribed and sworn before me this

2nd day of March, 1993.

Rikki Harrington
(Notary Public)

Residing at Nampa.

My commission expires 2/23/95.

M. H. D. Jones

H/O 85 - Bay 143 -

Bureau, Alaska

83604





State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

February 4, 1993

Re: Claim No(s). A51-10056

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

M KEITH THOMAS
GRACE THOMAS
HC BOX 145
BRUNEAU ID 83604

Dear Claimant(s):

In the past, you submitted the above referenced claim(s) in the Snake River Basin Adjudication. Enclosed is a computer generated print-out of the claim(s) for your reference only; this print-out is **NOT** to be returned or re-filed. You have indicated when this claim was filed that the water right(s) was based on either a "Statutory Claim" or "Beneficial Use" of the water. Water rights of this type are established by the historical use of water for a beneficial purpose, dating back to the time the water was first used, this date being the "**Priority Date**" as shown on the enclosed print-out. Your claim(s) has not been confirmed by a previous filing with the Department of Water Resources since there is no decree, license, or permit on file to verify the use of this water. For this reason, the Department is under a legal requirement to gather evidence from claimants supporting the date of priority for claims based on historical beneficial use of water. Any other claims you may have filed, that are not listed above, do not require evidence of priority.

Enclosed is a pamphlet entitled "**Evidence of Priority**" which describes why evidence of the priority date is necessary along with examples of types of evidence that can be submitted to fulfill this requirement. If no evidence is submitted, or we do not hear from you within the time limit below, your priority date, as claimed, may not be recommended to the Court for decree. This could jeopardize your water use under this right(s), if water availability problems arise in the future. It is our goal to decree the historical water rights within the Snake River Basin as accurately as possible. Field exams to verify claims in this area should be conducted this summer by Department personnel. Prior to conducting the field exams, we will contact you to discuss details and schedule a time convenient for you.

Please submit the required evidence supporting the priority date(s) by March 15, 1993, referencing all documents with the corresponding claim number(s). If you have any questions not covered by this letter, or the enclosed pamphlet, please call the toll-free number listed on the back page of the pamphlet or the Western Region office shown above.

Adjudication Section
Department of Water Resources
Western Region Office