

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

COPY

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: A72-04031
Date Received: 11/15/1989
Receipt No: W005223
Received By: _____

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

1. Name: NYLE THORNOCK 208-879-4472
Address: P.O. BOX 570
CHALLIS, ID 83226

AND/OR

Name: SHIRLEY ANN THORNOCK 208-879-4472
Address: P.O. BOX 570
CHALLIS, ID 83226

2. Date of Priority: APR 01, 1967

3. Source: SALMON RIVER Trib. to: SNAKE RIVER
WASTEWATER SALMON RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
15N	19E	26	NE	NE	SW	3	CUSTER

5. Description of diverting works:
CANAL TO PUMP TO FIELDS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.800		

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

8. Total consumptive use is 112.5 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
15N	19E	24	NW	SW		IRR	30.0
			SW	SW	7	IRR	15.0
						Section Acres	45.0
						Total Acres	45.0

11. Place of use in counties: CUSTER

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

13. Other Water Rights Used:
A72-00149, A72-00150

14. Remarks:

THIS WATER IS COMBINED WATER FROM THE "SLOUGH". GENERALLY,
THE WASTEWATER IS FROM MY DITCHES AND DOES NOT LEAVE MY PROPERTY.
HOWEVER, I AM FILING THIS CLAIM IN ORDER PROTECT ANY POSSIBLE
WATERS WHICH ARE NOT PROTECTED BY REUSE OF WASTEWATER.

15. Basis of Claim: STATUTORY CLAIM

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 ☒ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 2 maps

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): X Nyle J Thornock Date: 11-15-89

Date: _____

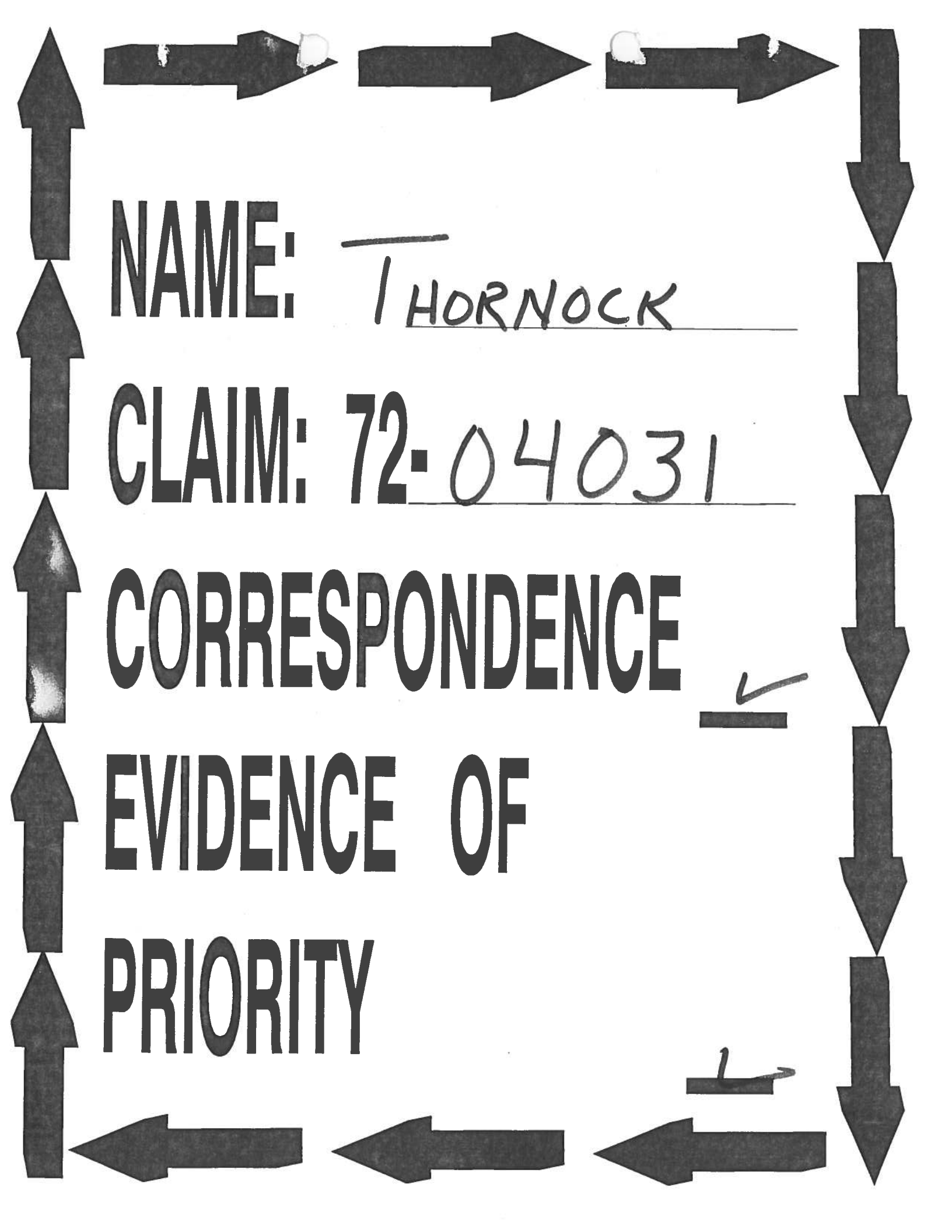
State of Idaho)
County of Custer) SS.

Subscribed and sworn (or affirmed) before me this 15th day
of November 19 89

Helen Harrington
Notary Public

Seal

Helen Harrington, Notary Public
Residing at _____ Residing at Boise, Idaho
My Commission Expires December 1, 1994
My Commission Expires _____



NAME: THORNOCK

CLAIM: 72-04031

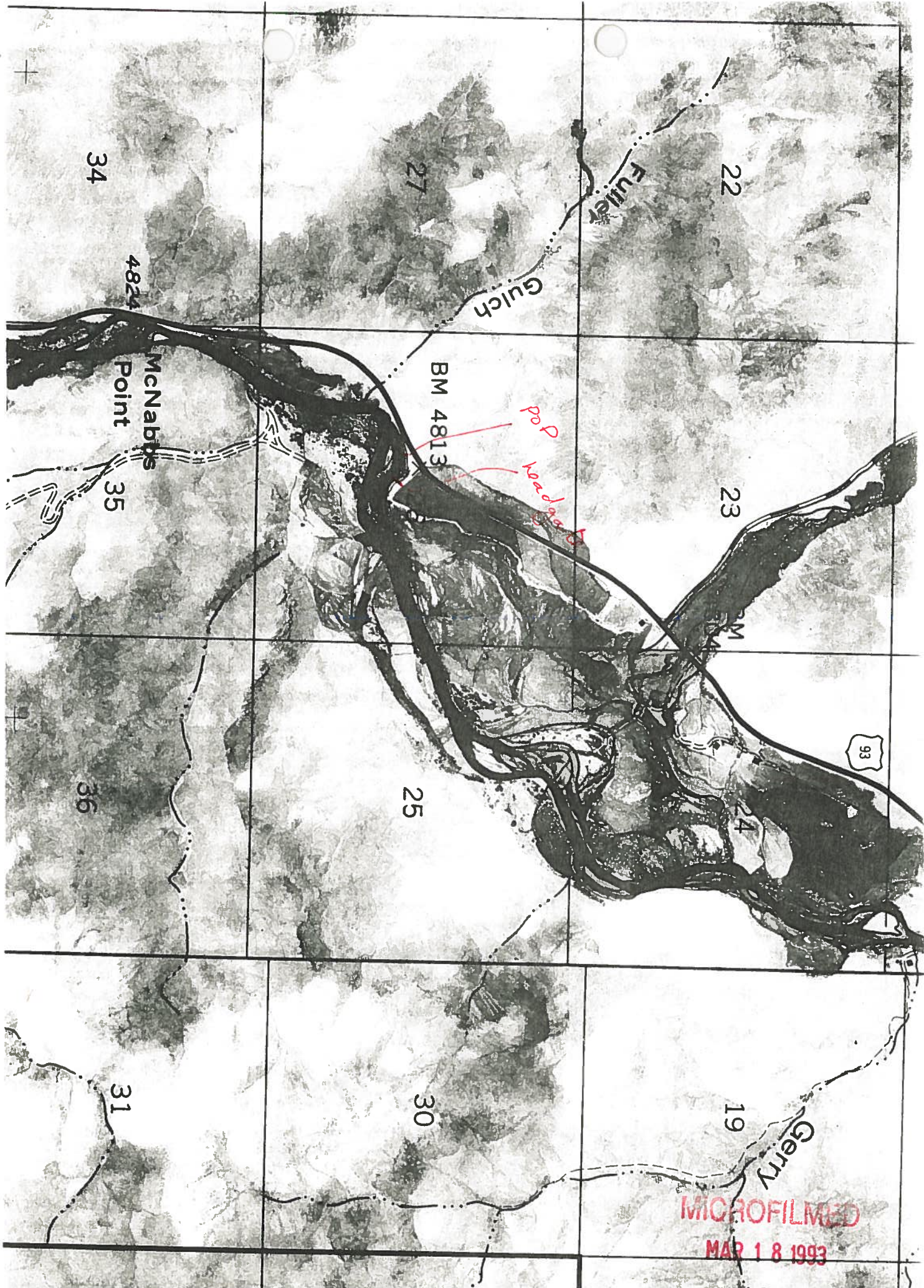
CORRESPONDENCE

EVIDENCE OF

PRIORITY

✓

✓



A72-010-1

Cooperating with
Custer Soil Conservation District

PHOTO NO. *CVQ-19W-83* ^{APPROXIMATE}

Idaho



A72-04031

MICROFILMED
MAR 18 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

March 2, 1992

R. KEITH HIGGINSON
Director

A72-04031
NYLE THORNOCK
SHIRLEY ANN THORNOCK
P.O. BOX 570
CHALLIS

ID 83226

letter not sent

RE: Evidence of Priority

RESPONSE DEADLINE

MAY 1, 1992

Dear Claimant:

The Notice(s) of Claim identified with the number shown above your name on the mailing label has been filed in the Snake River Basin Adjudication (SRBA). The Notice(s) indicate your water usage is based on "Beneficial Use" or a "Statutory Claim". Water rights of this type are established by the historical use of water, dating back to when water was first used for the purpose claimed. **The date of first use, known as the priority date,** has not been confirmed by a License, Decree or Permit. The Department will soon conduct reviews &/or field exams for the claims in your area. Since the priority date of a beneficial use water right can not be confirmed by field examination, **proof must be provided supporting the priority date you have claimed.**

The Department will not recommend the Notice(s) be decreed by the court as claimed if no evidence of a priority date is submitted.

Please find enclosed a computer printout of your Notice(s) and the pamphlet entitled "Evidence of Priority". The pamphlet describes the types of evidence required and suggests which documents will fulfill this requirement. I direct your attention to the two sections entitled "What Kind of Evidence is Required" and "Some Examples of Documents Which May Be Evidence of the Priority Date".

Please submit the required evidence supporting the priority date(s) by **May 1, 1992**, referencing all documents with the corresponding Notice number(s). If you have any questions not covered by this letter or the enclosed pamphlet, please contact this office.

Respectfully submitted,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosures

MICROFILMED

MAR 18 1993

Water Right Number - A72-04031 Prefix Translation: ADJUDICATION CLAIM Old (D) Number -
+ - - - - Last Name - - - - + + - - - - First Name - - - - + + - - - - Address - - - - - +

*** C - CURRENT OWNER ***
THORNOCK NYLE 1 - P.O. BOX 570 State- ID Zip- 83226

THORNOCK SHIRLEY ANN 2 - City- CHALLIS Phone - 208-879-4472 State- ID Zip- 83226
3 - 1 - P.O. BOX 570 2 - City- CHALLIS Phone - 208-879-4472 State- ID Zip- 83226
3 - 2 - 3 - City- CHALLIS Phone - 208-879-4472 State- ID Zip- 83226

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
04/01/1967 17 SOUTHERN S - STATUTORY CLAIM S - STATUTORY CLAIM

+ - - Source - - - + + - - Tributary - - - + + - - Status - - - +
SALMON RIVER SNAKE RIVER SNAKE RIVER

+ - - Point of Diversion - - - + Stream Index (Blank if no Index Code) + - - Status - - - +
15N 19E 26 NE NE SW 3 (37) CUSTER Stream Index (Blank if no Index Code)

+ - - Water Use - - - + Diversion Rate Diversion Volume + - - Status - - - +
01 - IRRIGATION 04/01 11/01 1.800 1.800 1.800

+ - - Total Div. Rate - - + + - - Total Div. Volume - - + + - - Total Div. Capacity - - + + - - Total Consumptive Use - - + + - - KW Usage - - +
1.800 1.800 1.800 112.5 112.5

+ - - Place of Use - - - + Description County + - - Status - - - +
15N 19E 24 NW SW 30.0 01 IRRIGATION (37) CUSTER
15N 19E 24 SW SW 15.0 01 IRRIGATION (37) CUSTER
Total Acres: 45.0

+ - - Diversion Means - CANAL TO PUMP TO FIELDS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - A72-00149, A72-00150

+ - - Remarks - - - - -
THIS WATER IS COMBINED WATER FROM THE "SLOUGH". GENERALLY,
THE WASTEWATER IS FROM MY DITCHES AND DOES NOT LEAVE MY PROPERTY.
HOWEVER, I AM FILING THIS CLAIM IN ORDER TO PROTECT ANY POSSIBLE
WATERS WHICH ARE NOT PROTECTED BY REUSE OF WASTEWATER.

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT

AJ5808NP
(00-26)

Water right number - A72-04031 Prefix Translation: ADJUDICATION CLAIM

+ - - - - Old Water Right Numbers - - - - - +

+ - - - - Old Water Right Numbers - - - - - +
No Old Water Right Numbers found.

+ - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +
00/00/0000

+ - - Audit Fields - 11/15/89 MOBILE2

+ - - - - -Comments- - - - - +

+ - - - - Adjudication Rights Dates and Flags Area - - - - - +

Court Report Filing - 00/00/0000	Field Inspection Made - 00/00/0000	Civil Case Number - 39576
Objection Filed Date - 00/00/0000	Field Inspection Flag -	Old Case Number -
Response Filed Date - 00/00/0000	Verified Date - 05/06/1985	Old Judicial District -
Claim Received Date - 11/15/1989	Last Amended Date - 00/00/0000	Temporary Right - P
Proof Due Date - 00/00/0000	Proof Made Date - 00/00/0000	Water District -
Licensed Date - 00/00/0000	Receipt Number - M005223	Federal/State Indicator - S
Claims Tape Error Flag -	POU Ownership Flag - Y	Presumption Flag -
Fee Exempt Flag -	Name Connector - AND/OR	Notice of Error Flag -

MICROFILMED
MAR 18 1993

AIM # A72-04031

ne evidence of priority was found on micro fiche records.
idence of priority letter not sent to claimant.

idence on micro fiche Claim # 72-04031

MICROFILMED

MAR 18 1993

4031

I hereby attest to the fact water was first used on the lands now owned

by Nyle J. Hammond in April 1967 and continuing since

the lands are described as follows T15N R19E S24 SW1/4 30A.

SW1/4 15A COUNTY OF CUSTER

the point of diversion is located in the NW1/4 SW1/4 S24 T15N R19E.

I have personal knowledge these facts are true. COUNTY OF CUSTER

Signed E. J. J. J. J.

Notary Public for Idaho

Bozeman, Idaho

A72-04031
MICROFILMED

MAR 18 1993

A 72-4031

I hereby attest to the fact water was first used on the lands now owned
by Myrtle J. Thasowick in 1962 and continuously used
the lands are described as follows T15N R19E S24 SW1/4 30A
SW1/4-SW1/4 15A COUNTY OF CUSTER
the point of diversion is located in the NE1/4 SW1/4 S24 T15N R19E
COUNTY OF CUSTER
I have personal knowledge these facts are true.

Signed [Signature]
Notary Public for State
of Nebraska

[Signature]

A72-04031 MICROFILMED
MAR 18 1993

Water Right Number - R72-04031

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***
THORNOCK

SHIRLEY ANN

1 - PO BOX 570
2 -
3 -

State- ID Zip- 83226

THORNOCK

NILE

City- CHALLIS
Phone - 208-879-4472
1 - PO BOX 570
2 -
3 -
City- CHALLIS
Phone - 208-879-4472

State- ID Zip- 83226

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
04/01/1967 17 SOUTHERN J - BENEFICIAL USE+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
SALMON RIVER SNAKE RIVER+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County

15N 19E 25 SE SW NW 4 (37) CUSTER SANTEE DITCH

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION

04/01 10/31

1.800

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
1.800 0.0+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County15N 19E 24 NW SW 29.4 01 IRRIGATION (37) CUSTER
15N 19E 24 SW SW 7 14.0 01 IRRIGATION (37) CUSTER

Total Acres: 43.4

+ - - Diversion Means - CANAL TO PUMP TO FIELDS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00149, 72-00150 & 72-16273.

+ - - - - Remarks - - - - - +

QNT

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 12.9 CFS. (capacity of diversion system). RIGHT
NOS. 72-04028, 72-04029, 72-04031, & 72-10306.

Water right number - R72-04031

Prefix Translation: RESEARCH

Remarks

POU1 USE OF THE RIGHTS LISTED BELOW ARE LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 43.4 ACRES IN A SINGLE IRRIGATION SEASON. COMBINED RIGHT NOS. 72-00149, 72-00150, 72-16273 & 72-04031.

EXP RIGHTS LISTED BELOW ARE DIVERTED THROUGH THE POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 12.9 CFS (capacity of diversion system). RIGHT NOS. 72-04028, 72-04029, 72-04031, AND 72-10306.

No Old Water Right Numbers Found

Conditions of Approval

C16 - THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER - IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER RIGHTS IN BASIN 72:

WATER RIGHT NO. SOURCE

NONE NONE

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER - IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER RIGHTS IN THE SNAKE RIVER BASIN:

WATER RIGHT NO. SOURCE

NONE NONE

ALL WATER RIGHTS WITHIN BASIN 72 ARE FROM CONNECTED SOURCES - OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED CONJUNCTIVELY.

Decree Plaintiff Decree Defendant Decree Date

00/00/0000

Date: 12/08/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS THIS WATER IS COMBINED WATER FROM THE "SLOUGH". GENERALLY, THE WASTEWATER IS FROM MY DITCHES AND DOES NOT LEAVE MY PROPERTY. HOWEVER, I AM FILING THIS CLAIM IN ORDER TO PROTECT ANY POSSIBLE WATERS WHICH ARE NOT PROTECTED BY REUSE OF WASTEWATER. Date: 11/21/1998 User Id: AJU10-DS Subject: AJU10 CONDITION UPDATE OF RECORD THRU AJU10. CONDITION CODE(S) C16 ADDED IF NOT ALREADY PART

Audit Fields

12/29/99 KCHRISTE

Adjudication Rights Dates and Flags Area

Court Report Filing	Field Inspection Made	Civil Case Number
Objection Filed Date - 06/02/1999	Field Inspection Flag - 00/00/0000	Old Case Number - 39576
Response Filed Date - 00/00/0000	Verified Date - 00/00/0000	Old Judicial District -
Claim Received Date - 11/15/1999	Last Amended Date - 00/00/0000	Temporary Right - P
	Receipt Number - X777777	Water District -
	POU Ownership Flag - Y	Federal/State Indicator - S
	Name Connector - AND/OR	Presumption Flag -
		Notice of Error Flag -

Christensen, Kelly

From: Christensen, Kelly
Sent: Wednesday, December 29, 1999 10:54 AM
To: Denniston, Sara
Subject: SF5 THORNOCK 72-00149, 150, 4031, AND 16273

I created R records today (12-29-99) for the above listed claims. I changed the place of use by deleting the 0.4 acres in the SWSW and transferring them to the NWSW. I added the court dates and field exam dates back into the dates and flags fields.

Attached is a layout showing the changes made in GIS corresponding to the settled changes.

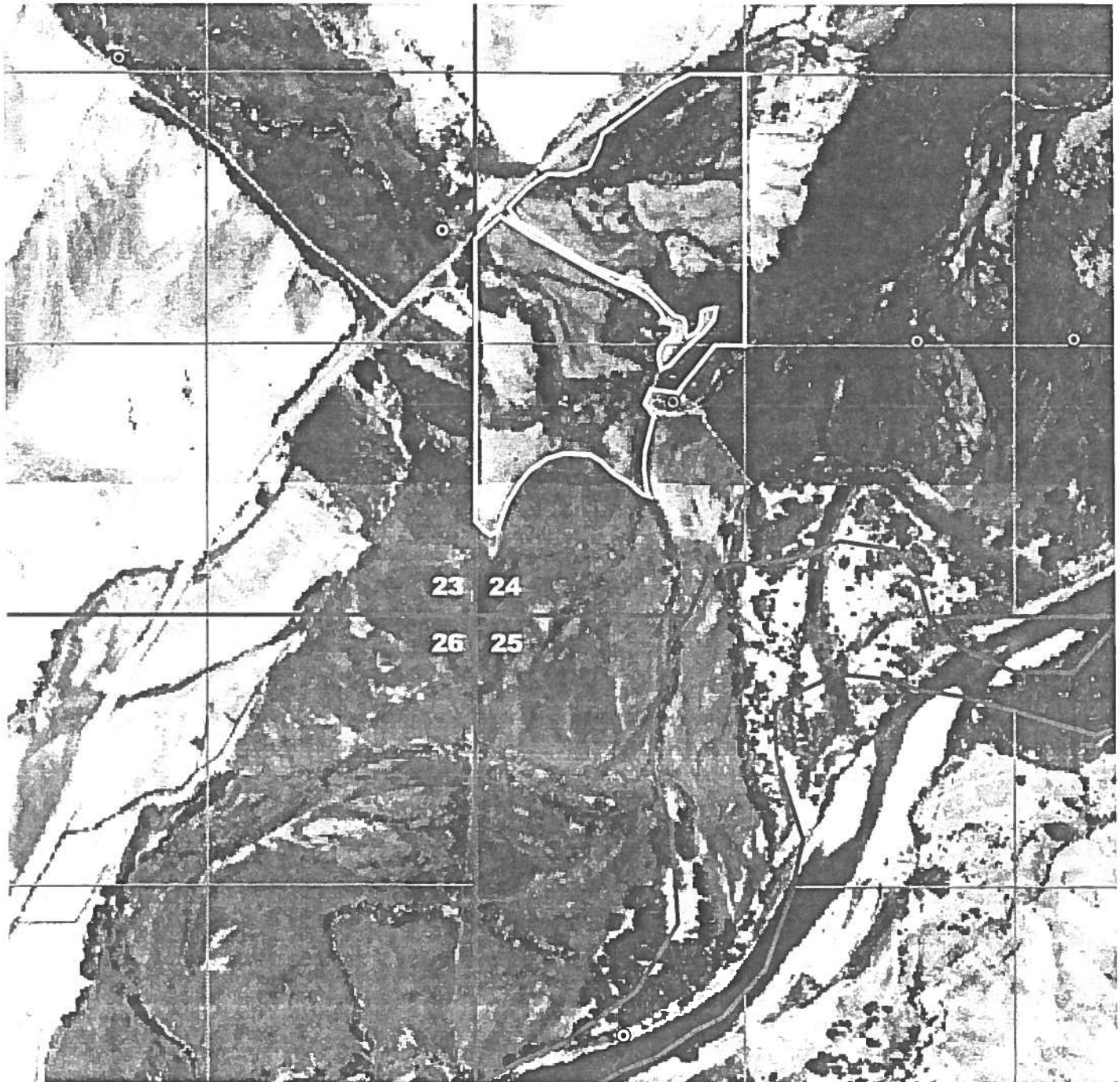


72-00149 sf5 p-u
thornock.jpg

I believe that this is all that is required for this set. Let me know if I missed something.

Kelly K Christensen

**RECOMMENDED PLACE OF USE
BASED UPON SETTLEMENT CONFERENCE
HELD 11-30-99**



**RECOMMENDED PLACE OF USE
TWP 15N, RNG 19E, SEC 24
Data Entry on December 29, 1999**



- ⊙ **RECOMMENDED POINT OF DIVERSION**
- RECOMMENDED PLACE OF USE**
-  **SECTION LINES**
-  **QUARTER/QUARTER LINES**

**GIS PLACE OF USE PRESENTATION
1992 USDA-F AERIAL PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN**

CLAIM NUMBER 72-00149 } Morgan Cr
72-04031 } 72-00150 } Source
Salmon } 72-16273 }
Source

DATE 12-29-99
 AGENT KKC

TRANSFER NUMBER _____
 CLAIMED ACRE TOTAL 50
 GIS ACRE TOTAL 43.4

	TWP	RNG	SEC	NE				NW				SW				SE			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	<u>15N</u>	<u>19E</u>	<u>24</u>							<u>-0-</u>			<u>32</u>	<u>18</u>					
GIS										<u>-0-</u>			<u>29.2</u>	<u>13.9</u>					
RECOM										<u>-0-</u>			<u>29.4</u>	<u>14</u>					<u>43.4</u>
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B72-DBPOU.SHP

SHAPE NOS.

136

B72-DBPOD.SHP

NOS. DESCRIPTION

51 Sec 23

SENESE Morgan Cr Source

46 Sec 25

SESWNW Salmon River Source

DBF TABLES UPDATED

B72-DBPOU.DBF

B72-DBPOD.DBF

A settlement was reached on 11-30-99 dropping 0.4 acres Recommended in SWNW of Sec 24 and finding an additional 0.4 acres within the NWSW of Sec 24.

No Change to P/D's.

Layout Created - 72-00149 SFS P-U thornock
12-29-99

RECEIVED

DEC 6 1999

Department of Water Resources

DISTRICT COURT SRBA
FIFTH JUDICIAL DISTRICT
COUNTY OF TWIN FALLS, STATE OF IDAHO

NOV 30 1999

BY _____

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

In Re SRBA

Subcase No. 72-04031

Case No. 39576

Standard Form 5

STIPULATED ELEMENTS
OF A WATER RIGHT

This form is used to report the stipulated elements of one water right acquired under state law and/or one federal reserved water right. Submission of this form will not automatically result in the issuance of a partial decree. The Presiding Judge or Special Master will conduct any hearing necessary to determine the facts, date, expert opinions and law supporting the issuance of a partial decree for the water right.

The parties agree that the Snake River Adjudication Court has jurisdiction of the parties and subject matter to enter a partial decree for this water right; that they have been served with sufficient process, according to the law; and that they have appeared, prosecuted, and defended their positions with regard to this water right dispute.

The parties and IDWR agree and stipulate that the elements of this water right should be described per the attached. The parties and IDWR have further indicated their concurrence by initialing each of the attached pages.

CLAIMANT:

Nyle J. Thornock
Shirley Ann Thornock

OBJECTOR:

United States on behalf of the
Bureau of Land Management

Nyle J. Thornock 11-30-99
Nyle J. Thornock Date

Shirley Ann Thornock 11-30-99
Shirley Ann Thornock Date

IDWR CONCURRENCE:

Steve Call 11/30/99
Date

Larry A. Brown 11/30/99
Larry A. Brown FWP Date
Attorney, U.S. Department of Justice
Environment and Natural Resources Div.

IDWR CONCURRENCE:

APPROVED AS TO FORM
Wade Spencer 11-30-99
Deputy Attorney General Date

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHTS FROM: SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

RIGHT NUMBER: 72-04031

NAME & ADDRESS: SHIRLEY ANN THORNOCK
NYLE THORNOCK
PO BOX 570
CHALLIS ID 83226

SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

QUANTITY: 1.8 CFS

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL
COMBINED DIVERSION RATE OF 12.9 CFS. (capacity of diversion
system). RIGHT NOS. 72-04028, 72-04029, 72-04031, & 72-10306.

PRIORITY DATE: 04/01/1967

POINT OF DIVERSION: T15N R19E S25 LOT 4 (SESWNW) Within CUSTER County

PURPOSE AND PERIOD OF USE: PURPOSE OF USE PERIOD OF USE QUANTITY
IRRIGATION 04-01 10-31 1.8 CFS

PLACE OF USE: IRRIGATION Within CUSTER County
T15N R19E S24 ~~S24~~ 14 NWSW 29 29.4
Lot 7 (SWSW) 14
43.4 ACRES TOTAL

USE OF THE RIGHTS LISTED BELOW ARE LIMITED TO THE
IRRIGATION OF A COMBINED TOTAL OF 43.4 ACRES IN A SINGLE
IRRIGATION SEASON. COMBINED RIGHT NOS. 72-00149, 72-00150,
72-16273 & 72-04031.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF
WATER IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL
OTHER WATER RIGHTS IN BASIN 72:

WATER RIGHT NO. SOURCE
NONE NONE

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF
WATER IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL
OTHER WATER RIGHTS IN THE SNAKE RIVER BASIN:

WATER RIGHT NO. SOURCE
NONE NONE

ALL WATER RIGHTS WITHIN BASIN 72 ARE FROM CONNECTED SOURCES OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED CONJUNCTIVELY.

EXPLANATORY MATERIAL: BASIS OF CLAIM - BENEFICIAL USE

RIGHTS LISTED BELOW ARE DIVERTED THROUGH THE POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 12.9 CFS (capacity of diversion system). RIGHT NOS. 72-04028, 72-04029, 72-04031, AND 72-10306.

NBS

See
npe
I.A.2.

Fwp
JCS

CERTIFICATE OF MAILING

I certify that on 11-30, 1999, I mailed the original and copies of this form, including all attachments, postage prepaid and addressed as follows:

1. Original to:

Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
P. O. Box 2707
Twin Falls, Idaho 83303-2707

2. Copy to:

Idaho Department of Water Resources
Adjudication Bureau
1301 North Orchard Street
Boise, Idaho 83706

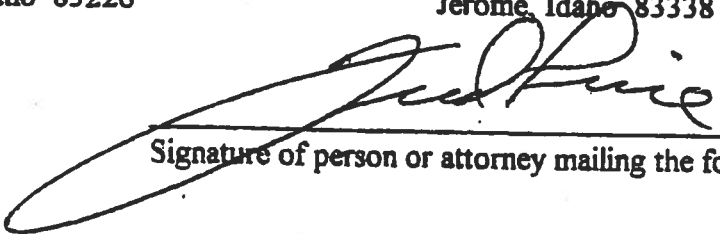
IDWR Document Depository
P. O. Box 83720
Boise, Idaho 83720-0098

3. Copies to all parties to the subcase (insert names and addresses):

U.S., Department of Justice
Environment and Natural Resources Division
General Litigation Section
550 West Fort Street, MSC 033
Boise, Idaho 83724

Nyle J. and Shirley Ann Thornock
P. O. Box 570
Challis, Idaho 83226

Patrick D. Brown, PC
109 S. Adams St.
Jerome, Idaho 83338



Signature of person or attorney mailing the form

RECEIVED

KC

JUN 29 1999

Department of Water Resources
Southern 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 SRBA

Case No. 39576

A. Subcase 72-04031

(Insert water right number)

STANDARD FORM 1
OBJECTION

Please fill in the following information:

B. NAME AND ADDRESS OF PERSON OBJECTING

Name: United States of America acting through the Department of Interior,
Bureau of Land Management, Idaho State Office

Address: 1387 South Vinnell Way
Boise, Idaho 83709-1657

Daytime Phone: see below

Name & Address of Attorney, if any:

Larry A. Brown 208 387-0835; R. Lee Leininger, 202 305-0242; Paul F. Holleman, 202 305-0494
United States Department of Justice; Environment and Natural Resource Division; General Litigation Section
550 West Fort Street, MSC 033; Boise, Idaho 83724

C. CLAIMANT OF WATER RIGHT AS LISTED IN DIRECTOR'S REPORT

Name: Nyle & Shirley Thornock

Address: PO Box 570 Challis, ID 83226

Name:

Address:

Name:

Address:

Name:

Address:

D. I object to the following elements as recommended in the Director's Report. (Please check the appropriate box(es)).

1. ☐ **Name and Address**
Should be: _____
2. ☐ **Source**
Should be: _____
3. ☐ **Quantity**
Should be: _____
4. ☐ **Priority Date**
Should be: _____
5. ☐ **Point(s) of Diversion**
Should be: _____
6. ☐ **Instream Flow Description**
Should be: _____
7. ☐ **Purpose(s) of Use**
Should be: _____
8. ☐ **Period of Year**
Should be: _____
9. ☒ **Place of Use**
Should be: See attached

11. **I object because:**

- ☐ This water right should not exist.
- ☐ This water right was not recommended, but should be recommended with the elements described above.

E. REASONS SUPPORTING OBJECTION(S):

The United States of America, through the Bureau of Land Management, is the owner of the land upon which use is claimed. The claimant's use of Federal land is unauthorized. See attached POU. Claimant's water right should not include this POU.

F.

VERIFICATION (Must be Completed)

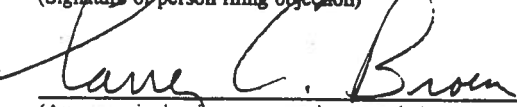
State of Idaho)

) ss.

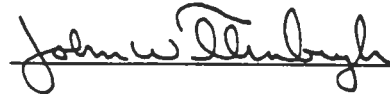
County of Ada)

Gary A. Madenford, Water Rights Team Leader, duly sworn, upon oath, deposes and says:
(Name of person filing objection)

That I am the party/claimant filing this objection, as defined by I.C. §§ 42-1401A(1) and (6) or that I am the attorney for the party/claimant objecting and that I have read this objection, know its contents and believe that the statements are true to the best of my knowledge.


(Signature of person filing objection)

(Attorney signing in representative capacity)

Subscribed and sworn to before me on: June 1, 1999



John W. Thornburgh

Notary Public for Idaho

Residing at: Boise

My Commission Expires: 05-16-2003

INSTRUCTIONS FOR MAILING

You must mail the objection, to the Clerk of the Court. FAX filings will not be accepted. You must also send a copy to all the parties listed below in the Certificate of Mailing.

G. CERTIFICATE OF MAILING

I certify that on June 2nd, 1999, I mailed the original and copies of this objection, including all attachments, to the following persons:

1. Original to:

Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
P.O. Box 2707
Twin Falls, ID 83303-2707

2. One copy to the claimant of the water right at the following address:

Name: Nyle & Shirley Thornock
Address: PO Box 570 Challis, ID 83226

Name:
Address:

Name:
Address:

Name:
Address:

3. Copies to:

IDWR Document Depository
PO Box 83720
Boise, ID 83720-0098

United States Department of Justice
Environment and Natural Resource Division
550 West Fort Street, MSC 033
Boise, ID 83724

Chief, Natural Resources Division
Office of the Attorney General
State of Idaho
PO Box 44449
Boise, ID 83711-4449


Signature of Objector or attorney mailing on Objector's behalf

AJ5856NP

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

DATE: JAN-26-1999
PAGE: A-750

RIGHTS FROM: SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

RIGHT NUMBER: 72-04031

NAME & ADDRESS: SHIRLEY ANN THORNOCK
NYLE THORNOCK
PO BOX 570
CHALLIS ID 83226

POU ON BLM; NOT AUTHORIZED

SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

QUANTITY: 1.8 CFS

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 12.9 CFS. (capacity of diversion system). RIGHT
NOS. 72-04028, 72-04029, 72-04031, & 72-10306.

PRIORITY DATE: 04/01/1967

POINT OF DIVERSION: T15N R19E S25 LOT 4 (SESWNW) ✓ Within CUSTER County

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
	IRRIGATION	04-01 10-31	1.8 CFS

PLACE OF USE: IRRIGATION Within CUSTER County
T15N R19E S24 SWNW 0.4 *BLM* NWSW 29 ✓ Lot 7 (SWSW) 14 ✓
43.4 ACRES TOTAL

USE OF THE RIGHTS LISTED BELOW ARE LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 43.4 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 72-00149, 72-00150, 72-16273 & 72-04031.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAWDATE: JAN-26-1999
PAGE: A-751-----
RIGHTS FROM: SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

RIGHT NUMBER: 72-04031 (CONT)

OTHER PROVISIONS: (CONT)

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
RIGHTS IN BASIN 72:

WATER RIGHT NO.	SOURCE
NONE	NONE

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
RIGHTS IN THE SNAKE RIVER BASIN:

WATER RIGHT NO.	SOURCE
NONE	NONE

ALL WATER RIGHTS WITHIN BASIN 72 ARE FROM CONNECTED SOURCES
OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED
CONJUNCTIVELY.

EXPLANATORY MATERIAL: BASIS OF CLAIM - BENEFICIAL USE

RIGHTS LISTED BELOW ARE DIVERTED THROUGH THE POINT OF
DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF
DIVERSION OF THESE RIGHTS IS LIMITED TO 12.9 CFS (capacity of
diversion system). RIGHT NOS. 72-04028, 72-04029, 72-04031,
AND 72-10306.

November 20, 1998

**NOTICE OF ERROR
REPLY**

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: December 18, 1998

Water right number: 72-04031

SHIRLEY ANN THORNOCK
NYLE THORNOCK
PO BOX 570
CHALLIS ID 83226

Daytime Telephone Number:

Evening Telephone Number:

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

2. Describe the changes you wish to make in the proposed recommendation:

3. Give a brief explanation as to why you disagree with these portions:

☒ I AGREE with this proposed recommendation; no changes need to be made.

DATE: 12-8-98 SIGNATURE: Nyle J. Thornock
Please print your name: NYLE J. THORNOCK

Water Right Number - R72-04031

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***

THORNOCK

SHIRLEY ANN

1 - PO BOX 570

2 -

3 -

City- CHALLIS

State- ID Zip- 83226

Phone - 208-879-4472

THORNOCK

NYLE

1 - PO BOX 570

2 -

3 -

City- CHALLIS

State- ID Zip- 83226

Phone - 208-879-4472

VERIFIED BY KKC
11-6-98

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
04/01/1967 17 SOUTHERN J - BENEFICIAL USE

+ - - - - Source - - - - - + + - - - - - Tributary - - - - - +
SALMON RIVER SNAKE RIVER

TwN	Rng	Sec	Tract	Lot	RFlg	County	Point of Diversion -	Diversion Name
15N	19E	25	SE SW NW	4	(37)	CUSTER	SANTEE DITCH	

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		04/15	10/15		1.800	

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
1.800 0.0

TwN	Rng	Sec	Tract	Lot	Acres	Code	Description	County
15N	19E	24	SW NW		0.4	01	IRRIGATION	(37) CUSTER
15N	19E	24	NW SW		29.0	01	IRRIGATION	(37) CUSTER
15N	19E	24	SW SW	7	14.0	01	IRRIGATION	(37) CUSTER
Total Acres:					43.4			

+ - - Diversion Means - CANAL TO PUMP TO FIELDS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00149, 72-00150 & 72-16273.

+ - - - - - Remarks - - - - - +

QNT USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 12.9 CFS. (capacity of diversion system). OTHER
RIGHT NOS.72-04028, 72-04029, & 72-04031

Water right number - R72-04031

Prefix Translation: RESEARCH

+ - - - - Remarks - - - - - +

POU1 USE OF THE RIGHTS LISTED BELOW ARE LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 43.4 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 72-00149, 72-00150, 72-16273 & 72-04031.

EXP RIGHTS LISTED BELOW ARE DIVERTED THROUGH THE POINT OF
DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF
DIVERSION OF THESE RIGHTS IS LIMITED TO 12.9 CFS (capacity of
diversion system). OTHER RIGHT NOS. 72-04028, 72-04029, & 72-04031

72-10306

+ - - - - Old Water Right Numbers - - - - - +
No Old Water Right Numbers found.

+ - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +
00/00/0000

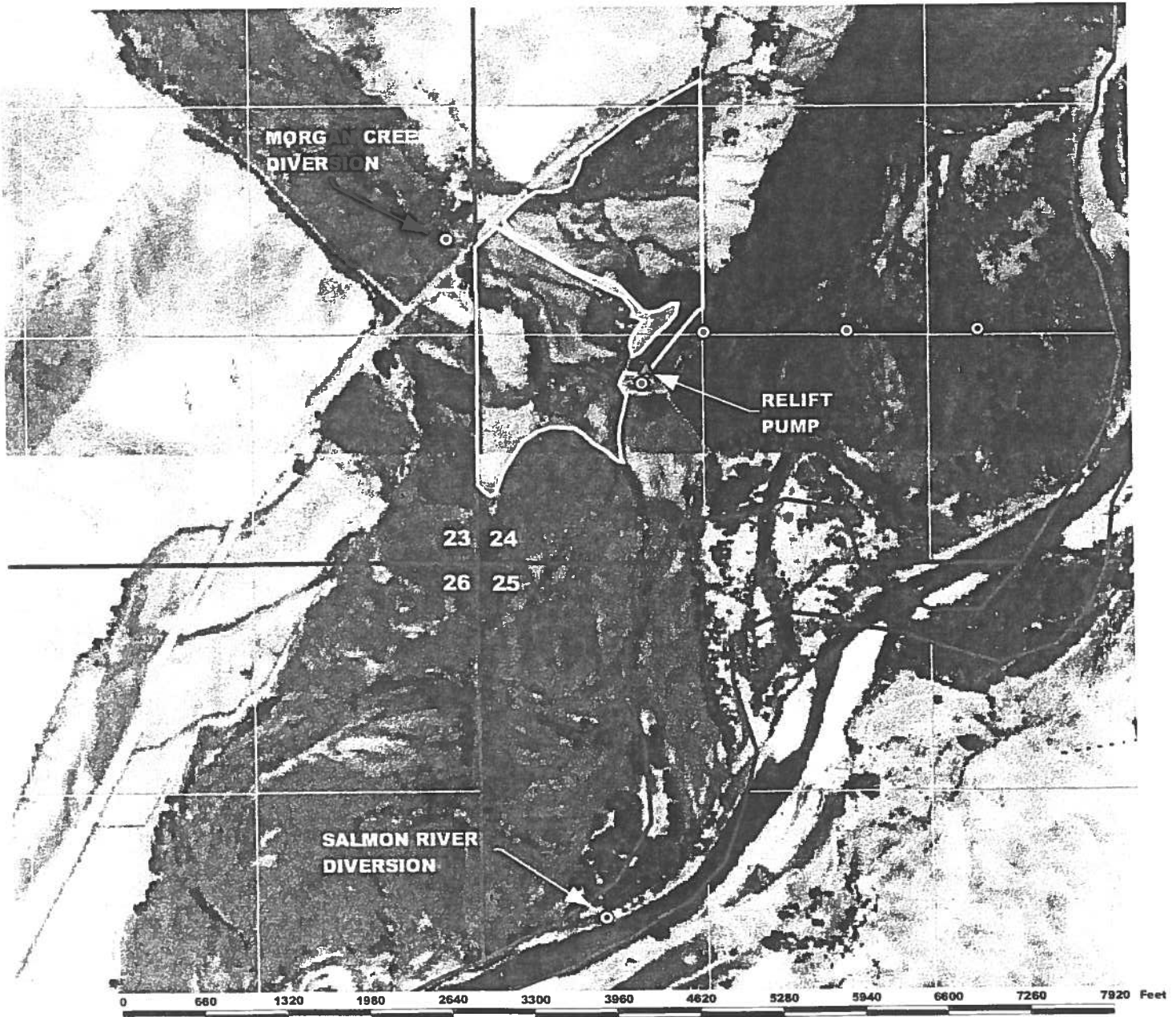
+ - - Audit Fields - 11/13/92 CLELLAND 12/08/93 CHRISTEN 01/10/94 CHRISTEN 02/03/94 CHRISTEN 03/30/95 POST-STD
10/07/98 KCHRISTE

+ - - - - Comments - - - - - +
Date: 12/08/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS
THIS WATER IS COMBINED WATER FROM THE "SLOUGH". GENERALLY, THE WASTEWATER IS FROM MY DITCHES AND DOES NOT LEAVE MY PROPERTY.
HOWEVER, I AM FILING THIS CLAIM IN ORDER PROTECT ANY POSSIBLE WATERS WHICH ARE NOT PROTECTED BY REUSE OF WASTEWATER.

+ - - - - Adjudication Rights Dates and Flags Area - - - - - +

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/16/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 11/15/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	-
Licensed Date	- 00/00/0000	Receipt Number	- M005223	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	- AND/OR	Notice of Error Flag	-

72-00149, 72-00150, & 72-16273
MORGAN CREEK RIGHTS
72-04031 SALMON RIVER RIGHT
THORNOCK



RECOMMENDED PLACE OF USE
TWP 15N. RNG 19E, SEC 24
data entry on August 6, 1998



- △ REDIVERSION POINT
- RECOMMENDED POINT OF DIVERSION
- RECOMMENDED PLACE OF USE
- SECTION LINES
- QUARTER/QUARTER LINES

GIS PLACE OF USE PRESENTATION
1992 USDA-F AERIAL PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN

72-00149 72-00150 72-16273
Morgan Cr Right

				NE				NW				SW				SE				
	TWP	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
AIM	15N	19E	24							0-			32	18						50
IS										.4			28.9	13.9						
COM										.4			29	14						43.4
AIM																				
IS																				
COM																				
AIM																				
IS																				
COM																				
AIM																				
IS																				
COM																				
AIM																				
IS																				
COM																				

72-DBPOU.SHP

HAPE NOS.

136

Salmon River water is pumped from the Santee ditch to the point where the Morgan Creek water first enters the property. therefore it irrigates all of the same P/2.

72-DBPOD.SHP

IOS	DESCRIPTION
51	Sec 23 Morgan Cr Division SENESE
46	Sec 25 Salmon River Division SE SWNW

DBF TABLES UPDATED

372-DBPOU.DBF ✓
372-DBPOD.DBF ✓

72-04031 Salmon River.

Division Rate Analysis

Claimed rates

72-00149 - .8 CFS

- 00150 .2 CFS

-16273 2.92 CFS

total 3.92 CFS

Claimed rate

72-04031 1.80 CFS

Hubble Analysis Req

3.94 cfs

System Capacity

Morgan C 1.82 CFS

Salmon River Pump - 2.31 CFS

Rate recommendation Morgan Co.

72-00149 - 8CFS

00150 - .2cfs

16273 .82 CFS

$1.82 \text{ cfs} = \text{system capacity (no curb right limit, needed)}$

Sys capacity - 1.82
recom - 1.00 { 00049
 { 00150
dif 0.82 CFS

Salmon River.

72-04031 - 1.80 cfs (limit to chemical rate)

When systems are combined: Morgan Cr - 1.82

Salmon R - 1.80

3.62 CFS $\frac{1}{4}$

total combined rates are less than Excess flow analysis
no Comb. rate limit required.

Kelly K. Christensen

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

72-00149 72-00150
72-16273 72-04031

DATE: 10-7, 1998

REVIEWED BY KKC

CHALLIS AREA SOIL REVIEW

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION		SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA		PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
ATC	.15	.13			6.49	7.62	PD2	.11	.12			5.15	4.74
BB1	.09	.09			6.09	6.17	Q	.26	.21			13.2	10.4
BC1	.16	.17			5.82	5.46	RE2	.29	.21			3.15	4.74
BK1	.07	.06			10.62	11.86	RP1	.19	.21			4.89	4.57
BT1	.18	.16			3.99	4.19	SH1	.06	.05			9.37	12.10
BT2	.41	.32			2.34	2.87	SOC	.08	.07			7.38	8.08
CB1	.06	.06			11.55	13.47	SSA	.15	.14			4.79	5.01
CHA	.21	.21			4.52	4.76	SXF	.12	.11			6.14	6.80
CP1	.36	.36			2.61	2.78	TC1	.06	.06			9.82	9.55
DB1	.13	.11			5.66	6.65	TD1	.04	.03			12.46	16.50
DEB	.13	.11			5.71	6.69	WB2	.13	.13			5.37	5.43
DBC	.13	.11			5.71	6.69	WAA	.19	.16			3.81	4.23
DMF	.18	.21			5.12	4.72	WBB	.17	.14			3.36	3.84
DRF	.18	.19			9.08	9.68	WC1	.07	.06			11.24	13.45
DT2	.05	.04			12.46	16.50	WPT	.19	.15			3.16	3.69
DWA	.14	.14			4.79	5.01	WV1	.07	.06			11.24	13.45
GO1	.10	.12			12.47	10.51	XHS						
KEG	.08	.07			8.73	10.06	YN1	.18	.14			5.38	6.92
MBF	.15	.12			7.65	5.81							
MUG	.15	.14			4.54	4.98							
NDL	.13	.12			5.30	6.06							

The rate per acre calculations are based upon a 300 foot run at a 2% slope. An 8 hour set time was also used. Individual graded border evaluations, soil characteristics work sheets, and peak irrigation diversion requirement work sheets have been created and archived separately for each soil type.

Where actual rotation is shorter than the optimal rotation, optimal rotation is the criteria to be used for the recommendation analysis and, therefore, the rotation percentage adjustment is not necessary. The rate becomes the acres per soil type times the rate per acre from the above chart.

SOIL TYPE	OPTIMAL / ROTATION (chart)	ACTUAL / ROTATION (field)	ACRES PER SOIL TYPE (field)	RATE PER ACRE (chart)	TOTAL DIVERSION RATE
BT2	2.87	10	27.5	.32	2.53 CFS
BK1	11.86	10	3.1	.06	.19 CFS
CB1	13.47	10	1.1	.06	.07 CFS
CP1	2.78	10	6.9	.36	.69 CFS
RP1	4.57	10	4.8	.21	.46
TOTAL ACRES				DECREED RATE	
72-00149 -				CLAIMED DIVERSION RATE	3.92
00150 -				MEASURED DIVERSION RATE	

16-273 claimed 1.00
0.92 = 0.08 CFS total

3.94

R PROOF

CVR

MAPS

PHOTOS

MISC

MICROFILMED

Water Right Number - R72-04031

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - +

+ - First Name - - +

+ - - - - Address - - - - +

*** C - CURRENT OWNER ***
THORNOCK

SHIRLEY ANN

VERIFIED BY KHC

THORNOCK

NYLE

1 - PO BOX 570
2 -
3 -
City- CHALLIS
Phone - 208-879-4472
1 - PO BOX 570
2 -
3 -
City- CHALLIS
Phone - 208-879-4472

State- ID Zip- 83226

State- ID Zip- 83226

+ - - Priority Date - - +
04/01/1967+ - - Region - - +
17 SOUTHERN+ - - Stage - - +
J - BENEFICIAL USE

+ - - Status - - +

Source - - - - +
SALMON RIVER+ - - Tributary - - - - +
SNAKE RIVER+ - - - - Point of Diversion - - - - +
Twn Rng Sec Tract Lot RFlg County

15N 19E 25 SE SW NW 4 (37) CUSTER SANTEE DITCH

+ - - - - Water Use - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION 04/15 10/15

1.800

+ - Total Div. Rate - + + - Total Div. Volume - +
1.800+ - Total Consumptive Use - + + - KW Usage - +
0.0+ - - - - Place of Use - - - - +
Twn Rng Sec Tract Lot Acres Code Description County15N 19E 24 NW SW 28.0 01 IRRIGATION (37) CUSTER
15N 19E 24 SW SW 7 12.0 01 IRRIGATION (37) CUSTER

Total Acres: 40.0

+ - - Diversion Means - CANAL TO PUMP TO FIELDS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00149, 72-00150 & 72-16273.

+ - - - - Remarks - - - - +

USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 3.08 CFS, A TOTAL COMBINED
ANNUAL CONSUMPTIVE USE VOLUME OF 100 AF, AND TO THE IRRIGATIONMICROFILMED
NOV 0 1 1994

Water right number - R72-04031

Prefix Translation: RESEARCH

OF A COMBINED TOTAL OF 40 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00149 & 72-00150.
RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF
DIVERSION OF THESE RIGHTS IS LIMITED TO 12.9 CFS (capacity of
diversion system). OTHER RIGHT NOS.: 72-04028, 04028, 04029

No Old Water Right Numbers Found

Conditions of Approval
No Conditions of Approval found.

Decree Plaintiff Decree Defendant Decree Date
00/00/0000

Date: 12/08/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS
THIS WATER IS COMBINED WATER FROM THE "SLOUGH". GENERALLY,
HOWEVER, I AM FILING THIS CLAIM IN ORDER TO PROTECT ANY POSSIBLE
THE WASTEWATER IS FROM MY DITCHES AND DOES NOT LEAVE MY PROPERTY.
WATERS WHICH ARE NOT PROTECTED BY REUSE OF WASTEWATER.

Audit Fields
02/03/94 CHRISTEN

Adjudication Rights Dates and Flags Area
Court Report Filing - 00/00/0000 Field Inspection Made - 08/16/1993 Civil Case Number - 39576
Objection Filed Date - 00/00/0000 Field Inspection Flag - Old Case Number -
Response Filed Date - 00/00/0000 Verified Date - 02/03/1994 Old Judicial District - P
Claim Received Date - 11/15/1989 Last Amended Date - 00/00/0000 Temporary Right -
Receipt Number - M005223 Water District -
POU Ownership Flag - Y Federal/State Indicator - S
Name Connector - AND/OR Presumption Flag -
Notice of Error Flag -

MICROFILMED
NOV 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:51:36
06/04/92

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A72-04031

LAST: THORNOCK
ADDRESS: P.O. BOX 570
CITY: CHALLIS
PHONE NUMBER: 208-879-4472

FIRST: NYLE
STATE: ID ZIP: 83226

OWNER CODE: C

LAST: THORNOCK
ADDRESS: P.O. BOX 570
CITY: CHALLIS
PHONE NUMBER: 208-879-4472

FIRST: SHIRLEY ANN
STATE: ID ZIP: 83226

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE FIELD
EXAMINER

CLAIM REMARKS: THIS WATER IS COMBINED WATER FROM THE "SLOUGH". GENERALLY
THE WASTEWATER IS FROM MY DITCHES AND DOES NOT LEAVE MY PROPERTY.
HOWEVER, I AM FILING THIS CLAIM IN ORDER TO PROTECT ANY POSSIBLE
WATERS WHICH ARE NOT PROTECTED BY REUSE OF WASTEWATER.

MICROFILMED
NOV 01 1994

CONTACT PERSON:

Delbert Hughes

DATE OF FIELD EXAM:

8/16/93 @ Hughes

APPOINTMENT MADE:

Y () N ()

PHONE NUMBER: () - - - - -
TIME: : A () P ()

ACCOMPANIED BY:

9-1-93 (field person)

PHONE NUMBER: () - - - - -

RELATIONSHIP TO CLAIMANT:

Spouse

DIRECTIONS TO PROPERTY / REMARKS:

MICROFILMED
NOV 9 1 1994

A. AJ CLAIM: # A72-04031 PRIORITY DATE: 04-01-1967 STAGE: S

B. WR RECORD: # 72-04031 PRIORITY DATE: 04-01-1967 STAGE: S

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE N FIELD EXAM/NER ~~N~~

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

REMARKS:

affidavit on file shows personal knowledge to support the date shown.

MICROFILMED
NOV 01 1994

RECOMMENDED PRIORITY DATE:

04-01-1967

REVIEWER BY

ga

DATE

11-17-92

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A/2-04031	15N	19E	26	NE	NE	SW	3	CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX R PREFIX NONE
A/2-04032
A/2-04033
A/2-04034
A/2-07055

WR RECORDS IN SAME 40 ACRE TRACT

SOURCE: SALMON RIVER
WASTEWATER

TRIB: SNAKE RIVER
SALMON RIVER

P. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
72-04031	15N	19E	26	NE	SW		3	CUSTER

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

72-04032
72-04033
72-04034
72-07055

NONE

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

C. FIELD EXAM REQUIRED?

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

REMARKS:

*Claimed P/D matches found P/D Angel Stage
except as claimed.*

*Source is Salmon River, the system is the Snake Ditch, therefore P/D is that
the same as the other Thompson Salmon River related claims.*

*Recommended div Point
15N - 19E Sec 25 SE SW NW (LT 4)*

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:
TWP. RGE. SEC. 1/4 1/4 1/4 LOT COUNTY
SOURCE: *see above*
REVIEWED BY: *Salmon R KRC* TRIB: *Snake R.* DATE: *12-7-93*

Wade water claimed as a second source. System does have capability to capture Morgan Cr. Water from same 40 acres and re-apply that water to the same 40 acres. No new acres irrigated. Normal practice is to Not use pump if sufficient M. Cr. water available. Pump only used to supplement with Salmon River water. Therefore I do not recognize waste water as a source.
Delivery system locally known as the (Snake Ditch).

MICROFILMED
NOV 6 1993

A. ROOT WATER RIGHT NUMBERS: A72-04031

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
15N	19E	24	NW	SW		THORNOCK, NYLE J.	A72-04031 /30.0	72-04031 /30.0		28	28
			NW	SW		THORNOCK, NYLE J.	A72-00149 /32.0	72-00149 /			
			NW	SW		THORNOCK, NYLE J.	A72-00150 /32.0	72-00150 /			
			NW	SW		THORNOCK, NYLE J.	A72-10065 /	- /			
			NW	SW		SAVAGE, LESTER JOHN	A72-00161 / 2.0	- /			
			NW	SW		SAVAGE, LESTER JOHN	A72-00162 / 2.0	- /			
			NW	SW		SAVAGE, LESTER JOHN	A72-10163 / 2.0	- /			
			NW	SW		THORNOCK, NYLE J.	72-04191 /32.0	- /			
15N	19E	24	SW	SW	7	THORNOCK, NYLE J.	A72-04031 /15.0	72-04031 /15.0		12	12
			SW	SW		THORNOCK, NYLE J.	A72-00149 /18.0	72-00149 /			
			SW	SW		THORNOCK, NYLE J.	A72-00150 /18.0	72-00150 /			
			SW	SW	7	THORNOCK, NYLE	A72-04032 /10.0	72-04032 /10.0			
			SW	SW		THORNOCK, NYLE	A72-04033 / 2.0	72-04033 / 2.0			
			SW	SW	9	THORNOCK, NYLE	A72-04034 /12.0	72-04034 /12.0			
			SW	SW		THORNOCK, NYLE J.	72-04191 /18.0	- /18.0			
TOTAL ACRES							A72-04031 45.00	75.00		40	

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N (X)

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE Y FIELD EXAMINER 7

POU COUNTY: CUSTER

PRESUMPTION FLAG:

REMARKS:

See Attached System design Analysis specifically Pg 3 (dated 12-6-93)

RECOMMENDATIONS:

TOTAL ACRES:

40

REVIEWED BY:

KKC

DATE:

12-7-93

NOT RECOMMENDED

A. AJ CLAIMED USES:

PURPOSES
A72-04031 IRRIGATION

TOTAL DIVERSION RATE/VOLUME CLAIMED

1.800 CFS
DIVERSION QUANTITY

B. WR RECORDED USES:

PURPOSES
72-04031 IRRIGATION

TOTAL DIVERSION RATE/VOLUME CLAIMED

1.800 CFS
DIVERSION QUANTITY

C. SUMPTION FLAG:

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

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

REMARKS:

Theoretical calc for system greater than claimed rate. Elwood flow analysis also greater than claimed rate, therefore accept claimed rate.

Claimed Rate = 1.80 CFS

Theoretical $(15 \times 8.8 \times 7) = 2.31$ CFS

Elwood flow analysis = 2.92 CFS

*See Also Attached Analysis sheet
Pg 3 dated 12-6-93*

4-15 10-15 change season of use to Dept Standard

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y() N()

AJ TOTAL CLAIMED DIVERSION RATE: 1.800 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 1.800 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 remarks. **

FLOW MEASUREMENT REQUIRED?

DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N) Y

FIELD
DATABASE EXAMINER

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MEASUREMENT METHOD

See attached flow measurement, SEE ATTACHED CALCULATIONS.

C. ARE OTHER WATER RIGHTS USED? Y() N() IF YES COMPLETE OVERLAP REVIEW

OTHER RIGHTS LISTED IN CLAIM: A72-00149, A72-00150

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

See Attachment dated 12-6-93

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-04031	SALMON RIVER	THORNOCK, NYLE	1.800	0.040		
	WASTEWATER					
A72-00149	MORGAN CREEK	THORNOCK, NYLE J.	0.800	0.016		
A72-00150	MORGAN CREEK	THORNOCK, NYLE J.	0.200	0.004		
A72-00161	MORGAN CREEK	SAVAGE, LESTER JOHN	0.960	0.015		
A72-00162	MORGAN CREEK	SAVAGE, LESTER JOHN	0.240	0.003		
A72-04032	SALMON RIVER	THORNOCK, NYLE	1.240	0.040		
A72-04033	SALMON RIVER	THORNOCK, NYLE	1.120	0.040		
A72-04034	SALMON RIVER	THORNOCK, NYLE	2.000	0.040		
A72-10163	MORGAN CREEK	SAVAGE, LESTER JOHN	2.000	0.031		

LIST ALL RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION.

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A72-10065	DOMESTIC	THORNOCK, NYLE J.	FROM 01-01 TO 12-31	.040 CFS	

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES ----- X 0.02 CFS/ACRE = CFS
(Taken from p/u review)

1b. CALCULATIONS

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 = 112.5 AE/A

ACRES ----- X CONSUMPTIVE VOL. AE/A FOR AREA ----- =

TOTAL CONSUMPTIVE USE ----- AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES ----- X DIVERSION VOL. AE/A FOR AREA ----- =

TOTAL DIVERSION VOLUME ----- AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

*0.02 CFS/acre for
p/u review
= 112.5 AE/A*

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV		REC. DIV		REC. CONS.	
	FROM	TO	RATE CFS	EXAMINER	VOL. AF/A	EXAMINER	USE	EXAMINER
IRRIGATION	~~04-01~~ 4-15	10-15	1.800	1.8				
TOTAL FOR THIS RIGHT			1.800					

REVIEWED BY:

KRL

DATE:

12-7-93

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FOREFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

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

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-04031

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
1.800

EXAMINER

CFS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

- A72-04031

1.800

-

72-04031

1.800

TOTAL CFS

1.800

1.800

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)

DATABASE
Y

FIELD
EXAMINER

REMARKS:

AUTHENTICATION:

SIGNATURE:

NAME OF FIELD EXAMINER:

Kelly L. Christman

DATE:

1-10-94

TITLE:

State Resource Agent

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NOV 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:51:36
06/04/92

CLAIM NUMBER: A72-04031

PAGE: 12
QUICKLOOK INFORMATION

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE
PRIORITY DATE								
POINT OF DIV	(Y)	<i>off in mark</i>	8-16-93 KKC	N	6.	<i>Sw</i> 11-17-92	KKC 12-7-93	
SOURCE	(Y)		"	Y	4, 2, 5, 6	KKC 12-7-93		
USE OF USE	(Y)		"	Y	4, 2, 5, 6	"		
DIV. AMOUNT CFS/VOLUME	(Y)		"	N	4, 2, 5, 6	"		
CONSUMPTIVE USE	-		"	Y	6	"		
PURPOSES			12-7-93 KKC	N	6	"		
PERIOD OF USE			12-7-93 KKC	Y	6	"		
BASIS OF CLAIM			"	Y	6	"		
REMARKS	(Y)		12-10-94 KKC	Y	6	1-10-94 KKC		

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11-16-92
Sw

VERIFIED BY CODES

TOPO MAP/ORTHO-PQ = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAPP PHOTOS = 4
FIELD EXAM = 5
OTHER (SEE REMARKS) = 6

MAPS USED:

DATE:

ASCS
ORTHO
NAPP
BLM
I-75
SCS SOLIS MAP
7-10D-8
1956
243-34
7-10-88

THESE CODES ARE USED TO INDICATE HOW THE FIELD EXAMINER VERIFIED THE INFORMATION
USED FOR THIS FIELD EXAMINATION. INDICATED ARE ALL CODES WHICH APPLY.

POOR ORIGINAL

CLAIM Thames Creek UNIT KKC
T. R. S. Q/Q enough
P/D ---
PHOTO BLM 7-10D-8 2002
DT. & ID. 7-10-88 Eight

HUGHES
DITCH

Pump
Discharge
Point

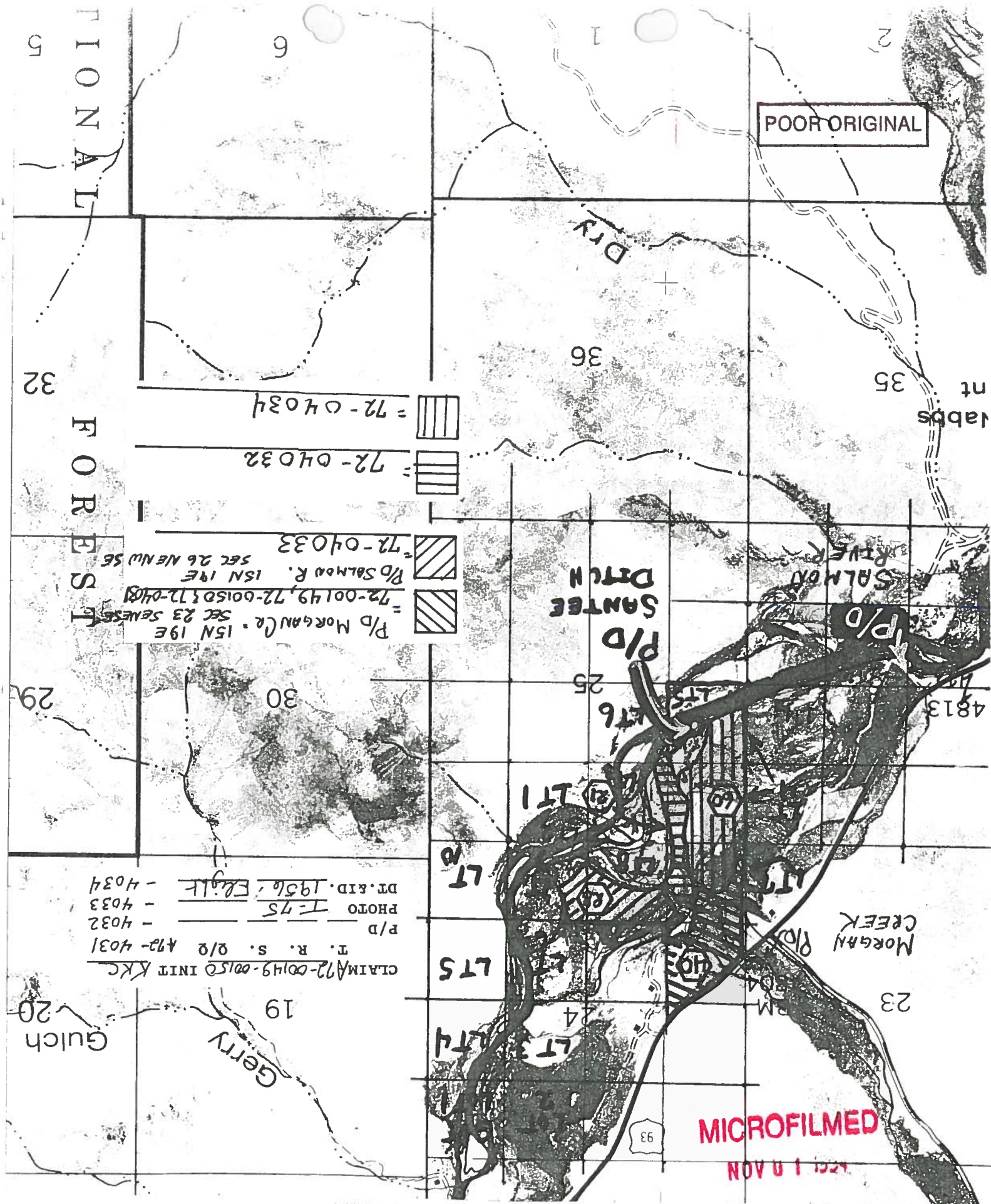
Morgan
Creek

LT5

LT10

OUT

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NOV 1988



POOR ORIGINAL

MICROFILMED

NOV 1 1951

R19E R20E

IDAHO-CLUSTER CO.
7.5 MINUTE SERIES
CHARTS NW & ADJACENT

FIELD EXAM ATTACHMENT

POOR ORIGINAL

original in
72-00149

PAGE:

1/4

FILES: A72-00149, 00150

04031, 04032, 04033

AGENT:

04034 KKC

DATE:

12-6-93

ATTACHMENT SUBJECT: System Description

The Thornock Property is irrigated via Morgan Creek water system, Salmon River flood system, and a pumping system to lift Salmon River water and/or Morgan Cr. waste water back to the initial Morgan Creek headgate.

The Morgan Creek P/U was determined using Property boundaries as the limits for the West, North, & East sides. The south boundary is a natural drain that eventually reaches the 'Santa' ditch. (Claims A72-00149, 00150, & 04031) A72-04032 has the Santa ditch as the West Boundary and an old Salmon River channel as the Eastern Boundary. The Northeast Boundary has no distinct physical Boundary other than an access road leading to the Santa Ditch diversion point. This road is accepted as the Boundary.

A72-04033 Lays east of the access road and north of the same 'old' river channel. The east boundary is a slew that probably was an old river channel. The north boundary is the property line between Thornock & Hughes. There is no clear division line between the properties in some areas. The Hughes property is

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NOV 01 1994

FIELD EXAM ATTACHMENT

PAGE: 2/4FILES: all thornock claimsAGENT: KKCDATE: 12-6-93ATTACHMENT SUBJECT: System desc. cont.

concurrently irrigated with this P/U and has only a small amount of independent delivery systems.

A72-04034. - The P/U for this claim covers the largest single acreage and lays south of the M. Cr. P/U, west of the Sante ditch (A72-04032) ~~and~~, east of the Dunfer property and North of the Salmon River.

Claims A72-04032, 04033, & 04034 all come from the same P/D but, based upon affidavits were developed at different times therefore they are recommended as individual claims. Each P/U has its own independent delivery system from the main ditch, allowing independent ^{concurrent} irrigation of each parcel.

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NOV 8 1993

POOR ORIGINAL

FIELD EXAM ATTACHMENT

original
72-00149

PAGE: 3/4

FILES: A72-00149, 00150

04031

AGENT: KKC

DATE: 12-6-93

ATTACHMENT SUBJECT: Morgan Creek diversions

Found 40 Acres irrigated through M. Cr system. All claims use a common delivery system. 00149 & 00150 are diverted from M. Cr. on the Savage property. The ditch enters the Thornock property & immediately can be divided through a headgate system. The discharge from the pumping system for 04031 is into this headgate system. Normally 04031 is not used if sufficient water is available from Morgan Creek. Any waste water returned to system is already covered under decrees. Wastewater not recommended

Morgan Creek diversion measured at - 1.82 CFS
Theoretical on pumping system

$$\frac{8.8 \times .7 \times 15 \text{ HP}}{40' + (0 \times 2.3)} = 2.31$$

2.31 CFS

Excess flow analysis (see Lotus/Boulder calc.)

2.92 CFS

Decreed A72-00149 - 0.80 CFS

A72-00150 - 0.20 CFS

1.00 CFS total

Differences - measure 1.82 analysis 2.92 CFS

decree 1.00 decree 1.00 CFS

0.82

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1.92 CFS
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FIELD EXAM ATTACHMENT

POOR ORIGINAL

PAGE: 4/4
FILES: A72-04032, 04033
04034
AGENT: KKC
DATE: 12-6-93

orig. A72-00149

ATTACHMENT SUBJECT: Salmon River diversions

A72-04032 original claim amended on 9-23-93
to shift acres from this claim to A72-04034 based upon
planimeter acreage determination of both parcels. The
claimed diversion rate was also increased to reflect the
soils analysis rate determination. (see attached analysis
sheets.)

Per Phyllis Rose - old Fish & Game, the diversion
of Salmon River water was measured on 6-2-93
at 18.2 cfs. The measurement location was downstream
approx 100 to 150' from the Fish & Game fish screen #5-23.
The ditch forks approx 40' from screen & two measurements
were made, one on each canal. Fish & game also made
a measurement of the ditch in 1959 & found 19.8 cfs being
diverted. only one ditch measured (which ditch unknown) on
7-7-93 - found 4.9 cfs; 9-9-93 - 4.9 cfs F & G measurements
Measurements are downstream from Dunfer Pump site for
A72-07055.

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NAME OF STREAM OR DITCH MORGAN CR WATER
LOCATION ----- MEASURED JUST WEST OF H-93 ON SAVAGE PROP
PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
BASIS OF VELOCITY CALCULATIONS
IF YOU ARE USING A PYGMY METER ENTER ----- 1
IF YOU ARE USING A AA METER ENTER ----- 2
ENTRY ---- = 1
FOLLOWING THE LAST ENTRY IN: "END"
"DISTANCE FROM INIT PT" ENTRY MUST = "END"

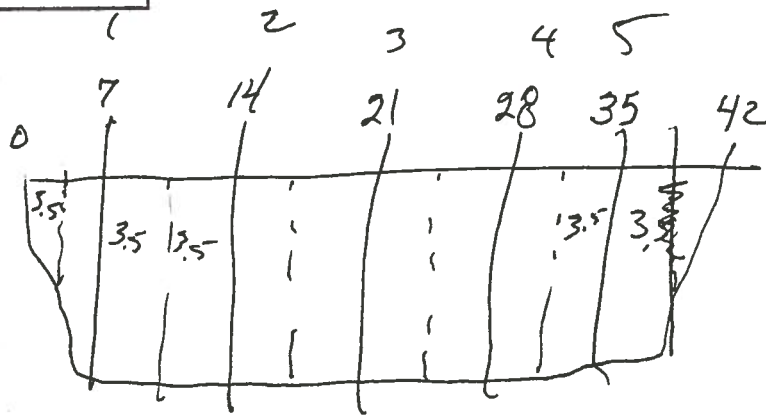
WATER RIGHT NUMBER IF APPLICABLE ----- A72-00149 & 00150
AGENT CONDUCTING MEASUREMENT & DATE -- KKC 8-17-93
ACCOMPANIED BY ----- NO ONE
PREMEASUREMENT SPIN TEST (MIN/SEC) ---
POST MEASUREMENT SPIN TEST (MIN/SEC) -
DATE REPORT PREPARED ---- 15-Nov-93

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						1ST TIME/SEC	2ND TIME/SEC			1ST VELOCITY	2ND VELOCITY	MEAN VELOCITY	
0.00		0.58	0.46	0.23	60	60.3		0.29	0.067	0.99		0.50	0.03
1.17		1.17	0.50		60	50.9		0.58	0.267	1.18		0.99	0.27
1.75		1.75	0.50		60	45.5		0.58	0.292	1.32		1.18	0.34
2.33		2.33	0.50		60	44.5		0.58	0.292	1.35		1.32	0.38
2.92		2.92	0.50		60	49.0		0.58	0.292	1.22		1.35	0.39
3.50		3.50		0.25				0.29	0.073			1.22	0.36
END												0.61	0.04
													1.82

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POOR ORIGINAL

8-17-93



Thornock Div
Just West of 93 on
Savage Prop.

$$6 \overline{) 42} \begin{matrix} 7 \\ 3.5 \end{matrix}$$

stat	depth	Rotation	Sec
1	5 1/2	60	57.53
		60	1.03.13
2	6	60	51.22
			50.53
3	6		45.60
			45.47
4	6		44.40
			44.66
5	6		48.63
			49.37

water clear bottom
gravelly but smooth
sides with min vegetation,
measurement good.

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POOR ORIGINAL

REMARK AND CONDITION CODE WORKSHEET

SYSTEM CLAIM NUMBERS

A72 00149 A72 4031

00/50

16273

AGENT

INITIALS

DATE _____

127-94

CLAIM NO.

OR ENTRY
ORDER

REMARK
CODE

ENTRY DATA

CONDITION CODE	DESCRIPTION	REMARKS
1	1.0000	1.0000
2	2.0000	2.0000
3	3.0000	3.0000
4	4.0000	4.0000
5	5.0000	5.0000
6	6.0000	6.0000
7	7.0000	7.0000
8	8.0000	8.0000
9	9.0000	9.0000
10	10.0000	10.0000
11	11.0000	11.0000
12	12.0000	12.0000
13	13.0000	13.0000
14	14.0000	14.0000
15	15.0000	15.0000
16	16.0000	16.0000
17	17.0000	17.0000
18	18.0000	18.0000
19	19.0000	19.0000
20	20.0000	20.0000
21	21.0000	21.0000
22	22.0000	22.0000
23	23.0000	23.0000
24	24.0000	24.0000
25	25.0000	25.0000
26	26.0000	26.0000
27	27.0000	27.0000
28	28.0000	28.0000
29	29.0000	29.0000
30	30.0000	30.0000
31	31.0000	31.0000
32	32.0000	32.0000
33	33.0000	33.0000
34	34.0000	34.0000
35	35.0000	35.0000
36	36.0000	36.0000
37	37.0000	37.0000
38	38.0000	38.0000
39	39.0000	39.0000
40	40.0000	40.0000
41	41.0000	41.0000
42	42.0000	42.0000
43	43.0000	43.0000
44	44.0000	44.0000
45	45.0000	45.0000
46	46.0000	46.0000
47	47.0000	47.0000
48	48.0000	48.0000
49	49.0000	49.0000
50	50.0000	50.0000
51	51.0000	51.0000
52	52.0000	52.0000
53	53.0000	53.0000
54	54.0000	54.0000
55	55.0000	55.0000
56	56.0000	56.0000
57	57.0000	57.0000
58	58.0000	58.0000
59	59.0000	59.0000
60	60.0000	60.0000
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65	65.0000	65.0000
66	66.0000	66.0000
67	67.0000	67.0000
68	68.0000	68.0000
69	69.0000	69.0000
70	70.0000	70.0000
71	71.0000	71.0000
72	72.0000	72.0000
73	73.0000	73.0000
74	74.0000	74.0000
75	75.0000	75.0000
76	76.0000	76.0000
77	77.0000	77.0000
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81	81.0000	81.0000
82	82.0000	82.0000
83	83.0000	83.0000
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85	85.0000	85.0000
86	86.0000	86.0000
87	87.0000	87.0000
88	88.0000	88.0000
89	89.0000	89.0000
90	90.0000	90.0000
91	91.0000	91.0000
92	92.0000	92.0000
93	93.0000	93.0000
94	94.0000	94.0000
95	95.0000	95.0000
96	96.0000	96.0000
97	97.0000	97.0000
98	98.0000	98.0000
99	99.0000	99.0000
100	1	

STAGE

OR
STATUS

**PRESUMPTION
CODE**

FD6

72-00149, 00150

72-16273

Eiz

modify to cover both overlaps 3 Morgan Creek
right overlapping And then Morgan Creek
with the Salmon River Water (72-04031)

Morgan Cr limit $1.82 \text{ CFS} < \text{capacity}$

All sources Comb.	~~5.08~~ CF\$	edges flow analysis
	3.08	best limit

100 AF

40 Acres

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FIELD EXAM ATTACHMENT

POOR ORIGINAL

DATE: 1-7-94PAGE: 1/AGENT: KKCFILES: A72-00,49 00,50,16273,04031ATTACHMENT SUBJECT: Excess flow AnalysisClaimant filed an excess flow claim on 1-7-94.Excess flow analysis confirms a need for a div rate in excess of one inch per acre. based upon the soil types obtained from the SCS and a 10 day rotation.Total decreed rate = 1.00 cfsExcess flow rate = $\frac{3.08 KKC}{2.92} \text{ cfs}$ System Capacity measured = 1.82 cfs.The system capacity is considered the limiting factor for the Morgan Creek diversion therefore I recognize $1.82 - 1.00 \text{ cfs} = .82$ as the rate valid for A72-16273. As the system can be augmented with water from the Salmon River (A72-04031). A theoretical calculation of the pumping system for this claim is 2.31 cfsMorgan Cr water 1.82A72-040312.31Total4.13 cfsexcess flow analysisgives a requirementof $\frac{3.08 KKC}{2.92} = 1.05 \text{ cfs}$ combined system limitation for all claims = 3.08 cfssee

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Remark code worksheet

GRADED BORDER EVALUATION

Job name: A72-00149,00150,16273
By: KKC

Location: BK1 SOIL FOR 5 ACRES
Date:

Roughness coefficient (n)= 0.150 Intake family (If)=2.00
Slope (S)= 0.0400 ft/ft Border width (W)= 35 ft
Net application (Fn)= 4.32 inches Border length (L)= 210 ft
Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
0.30		Gross depth is less than required gross application depth				
0.31		Gross depth is less than required gross application depth				
0.32		Gross depth is less than required gross application depth				
0.33		Gross depth is less than required gross application depth				
0.34		Gross depth is less than required gross application depth				
0.35	0.010	16.46	11.96	0.17	26.2	(4)
0.36	0.010	16.93	11.96	0.64	25.5	(4)
0.37	0.011	17.40	11.96	1.11	24.8	(4)
0.38	0.011	17.87	11.96	1.58	24.2	(4)
0.39	0.011	18.34	11.96	2.05	23.6	(4)

(4) Less than minimum recommended depth of flow.

BK1 soils .35 5 acres
RPI soil 1.15 12 acres
BT2 soil 1.58 23 Acres
Totals. 3.08cfs 40 Acres

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NOV 11

CLAIM NO. --- A72-00149, 00150, 16273
 AGENT ----- KKC
 DATE ----- 01/07/94

Lotus Program:
 IRR-PRAC.WK3
 Date form revised:
 4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = BK1; BOCK...SILT LOAM, LOAM, GRAVELLY LOAM, FINE SANDY
 Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	18	0.14	0.2	6.6	8.4	1	3	1	2.04	2	0.55
18	48	0.14	0.2	7.4	8.4			1	2.21		
48	60	0.03	0.05	7.4	8.4			3	6.12		
								4	8.16	alternate	
								5	8.64	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point	MAD (INCHES)
alfalfa (hay or seed)	5	0.5	4.32
corn (field or silage)	4	0.5	4.08
grain (winter or spring)	4	0.5	4.08
pasture (or grass hay)	3	0.5	3.06
other (enter below)			

FIELD NOTES AND CALCULATIONS

	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	1037	0		
IRRIGATION DAYS	10			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
LENGTH (RUN) =	210			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	35			
THEORETICAL ROTATION (mad/net irr req in inches per				
SELECTED MAD =	4.32			
ROTATION =	17.6 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
 Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)							
				mar	apr	may	jun	jul	aug	sep	oct
PASTURE	0	FLOOD			1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA	5	FLOOD	26.4		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary	5		26		1.28	4.51	5.65	6.25	4.45	2.52	0.70
Peak Net Irrigation Requirement (mm/day) =					6.25						

Program Operation based upon "GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES"
 HUBBLE ENGINEERING INC. OCTOBER 1991
 Soil Characteristics based upon SOIL CONSERVATION SERVICE STUDIES
 Peak Irrigation Diversion based upon ALLEN & BROCKWAY WEATHER INFORMATION 1983

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NOV 0 1 1994

CLAIM NO. --- A72-00149, 00150, 04031
AGENT ----- KKC
DATE ----- 10/18/93Lotus Program:
IRR-PRAC.WK3
Date form revised:
4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = RP1; FEZIP...FINE SANDY LOAM, GRAVELLY SANDY LOAM
Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	6	0.1	0.14	6.1	7.3	2	3	1	1.17	3	0.7
6	16	0.06	0.09	6.1	7.3			1	1.25		
16	26	0.1	0.14	6.1	7.3			3	2.92		
26	60	0.01	0.04	6.1	7.3			4	3.22	alternate	
								5	3.52	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (inches)	MAD (inches)
alfalfa (hay or seed)	5	0.5	1.76
corn (field or silage)	4	0.5	1.61
grain (winter or spring)	4	0.5	1.61
pasture (or grass hay)	3	0.5	1.46
other (enter below)			

FIELD NOTES AND CALCULATIONS

	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	2780	0		
IRRIGATION DAYS	10			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
LENGTH (RUN) =	188			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	93			
THEORETICAL ROTATION (mad/net irr req in inches per				
SELECTED MAD =	1.76			
ROTATION =	7.2 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

crop	acres	system	recomm. eff.	mar	Net Irrigation Requirement (mm/day)						
					apr	may	jun	jul	aug	sep	oct
PASTURE	0	FLOOD			1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA	12	FLOOD	6.5		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary	12		7		1.28	4.51	5.65	6.25	4.45	2.52	0.70
Peak Net Irrigation Requirement (mm/day) =					6.25						

Program Operation based upon "GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES"
HUBBLE ENGINEERING INC. OCTOBER 1991

Soil Characteristics based upon SOIL CONSERVATION SERVICE STUDIES

Peak Irrigation Diversion based upon ALLEN & BROCKWAY WEATHER INFORMATION 1983

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NOV 01 1994

GRADED BORDER EVALUATION

Job name: A72-00149, --, 04031
By: KKC

Location: RP1 SOILS FOR 12 ACRES
Date:

Roughness coefficient (n)= 0.150 Intake family (If)=3.00
Slope (S)= 0.0400 ft/ft Border width (W)= 93 ft
Net application (Fn)= 1.76 inches Border length (L)= 188 ft
Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
1.10	Gross depth is less than required gross application depth					
1.11	Gross depth is less than required gross application depth					
1.12	Gross depth is less than required gross application depth					
1.13	Gross depth is less than required gross application depth					
1.14	Gross depth is less than required gross application depth					
1.15	0.012	22.73	20.79	0.18	7.7	(4)
1.16	0.012	22.93	20.79	0.38	7.7	(4)
1.17	0.013	23.13	20.79	0.58	7.6	(4)
1.18	0.013	23.32	20.79	0.77	7.5	(4)
1.19	0.013	23.52	20.79	0.97	7.5	(4)

(4) Less than minimum recommended depth of flow.

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NOV 01 1981

CLAIM NO. --- A72-00149, 00150, 04031
AGENT ----- KKC
DATE ----- 10/19/93

Lotus Program:
IRR-PRAC.WK3
Date form revised:
4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = BT2; BARTONFLAT...VERY GRAVELLY LOAM, EXTREMELY GRAVELLY SANDY LOAM
Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	5	0.05	0.08	7.4	8.4	1	2	1	0.57	2	0.55
5	45	0.02	0.05	7.4	8.4			1	0.61		
45	60	0.02	0.05	7.4	8.4			3	1.41		
								4	1.83	alternate	
								5	2.25	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD
alfalfa (hay or seed)	5	0.5	1.13
corn (field or silage)	4	0.5	0.91
grain (winter or spring)	4	0.5	0.91
pasture (or grass hay)	3	0.5	0.71
other (enter below)			

FIELD NOTES AND CALCULATIONS

	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	4356	0		
IRRIGATION DAYS	10			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
LENGTH (RUN) =	230			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	145			
THEORETICAL ROTATION (mad/net irr req in inches per				
SELECTED MAD =	1.13			
ROTATION =	4.6 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)							
				mar	apr	may	jun	jul	aug	sep	oct
PASTURE	0	FLOOD			1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA	23	FLOOD	8.1		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary	23		8		1.28	4.51	5.65	6.25	4.45	2.52	0.70
Peak Net Irrigation Requirement (mm/day) =					6.25						

Program Operation based upon "GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES"
HUBBLE ENGINEERING INC. OCTOBER 1991

Soil Characteristics based upon SOIL CONSERVATION SERVICE STUDIES

Peak Irrigation Diversion based upon ALLEN & BROCKWAY WEATHER INFORMATION 1983

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NOV 01 1994

GRADED BORDER EVALUATION

Job name: A27-00149, --, 04031
By: KKC

Location: BT2 SOILS FOR 23 ACRES
Date:

Roughness coefficient (n)= 0.150

Intake family (If)=2.00

Slope (S)= 0.0400 ft/ft

Border width (W)= 145 ft

Net application (Fn)= 1.33 inches

Border length (L)= 230 ft

Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
1.50	Gross depth is less than required gross application depth					
1.51	Gross depth is less than required gross application depth					
1.52	Gross depth is less than required gross application depth					
1.53	Gross depth is less than required gross application depth					
1.54	Gross depth is less than required gross application depth					
1.55	Gross depth is less than required gross application depth					
1.56	Gross depth is less than required gross application depth					
1.57	Gross depth is less than required gross application depth					
1.58	0.011	16.37	14.95	0.09	8.1	(4)
1.59	0.011	16.48	14.95	0.19	8.1	(4)
1.60	0.011	16.58	14.95	0.30	8.0	(4)
1.61	0.011	16.68	14.95	0.40	8.0	(4)
1.62	0.011	16.79	14.95	0.50	7.9	(4)

(4) Less than minimum recommended depth of flow.

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04 NENW	04 NNWE	04 NENE	04 NNWW	04 NENW	04 NNWE	04 NENE	04 NNWW	04 NENW	04 NNWE	04 NENE	01 NNWW	01 NENW	01 NNWE	01 NENE
04 SENW	04 SWNE	04 SESE	04 SNNW	04 SENW	04 SWNE	04 SESE	04 SNNW	04 SENW	04 SWNE	04 SESE	01 SNNW	01 SENW	01 SWNE	01 SESE
04 NESW	04 NWSE	04 NESE	04 NNSW	04 NESW	04 NWSE	04 NESE	04 NNSW	04 NESW	04 NWSE	04 NESE	01 NNSW	01 NESW	01 NWSE	01 NESE
04 SESW	04 SWSE	04 SESE	04 SWSW	04 SESW	04 SWSE	04 SESE	04 SWSW	04 SESW	04 SWSE	04 SESE	01 SWSW	01 SESW	01 SWSE	01 SESE
09 NENW	09 NNWE	09 NENE	10 NNWW	10 NENW	10 NNWE	10 NENE	11 NNWW	11 NENW	11 NNWE	11 NENE	12 NNWW	12 NENW	12 NNWE	12 NENE
09 SENW	09 SWNE	09 SESE	10 SNNW	10 SENW	10 SWNE	10 SESE	11 SNNW	11 SENW	11 SWNE	11 SESE	12 SNNW	12 SENW	12 SWNE	12 SESE
09 NESW	09 NWSE	09 NESE	10 NNSW	10 NESW	10 NWSE	10 NESE	11 NNSW	11 NESW	11 NWSE	11 NESE	12 NNSW	12 NESW	12 NWSE	12 NESE
09 SESW	09 SWSE	09 SESE	10 SWSW	10 SESW	10 SWSE	10 SESE	11 SWSW	11 SESW	11 SWSE	11 SESE	12 SWSW	12 SESW	12 SWSE	12 SESE
18 NENW	18 NNWE	18 NENE	15 NNWW	15 NENW	15 NNWE	15 NENE	14 NNWW	14 NENW	14 NNWE	14 NENE	13 NNWW	13 NENW	13 NNWE	13 NENE
18 SENW	18 SWNE	18 SESE	15 SNNW	15 SENW	15 SWNE	15 SESE	14 SNNW	14 SENW	14 SWNE	14 SESE	13 SNNW	13 SENW	13 SWNE	13 SESE
18 NESW	18 NWSE	18 NESE	15 NNSW	15 NESW	15 NWSE	15 NESE	14 NNSW	14 NESW	14 NWSE	14 NESE	13 NNSW	13 NESW	13 NWSE	13 LT01
18 SESW	18 SWSE	18 SESE	15 SWSW	15 SESW	15 SWSE	15 SESE	14 SWSW	14 SESW	14 SWSE	14 SESE	13 SWSW	13 SESW	13 SWSE	13 LT02
21 NENW	21 NNWE	21 NENE	22 NNWW	22 NENW	22 NNWE	22 NENE	23 NNWW	23 NENW	23 NNWE	23 NENE	24 NNWW	24 NENW	24 LT02	24 LT03
21 SENW	21 SWNE	21 SESE	22 SNNW	22 SENW	22 SWNE	22 SESE	23 SNNW	23 SENW	23 SWNE	23 SESE	24 SNNW	24 SENW	24 LT03	24 LT04
21 NESW	21 NWSE	21 NESE	22 NNSW	22 NESW	22 NWSE	22 NESE	23 NNSW	23 NESW	23 NWSE	23 NESE	24 NNSW	24 NESW	24 LT04	24 LT05
21 SESW	21 SWSE	21 SESE	22 SWSW	22 SESW	22 SWSE	22 SESE	23 SWSW	23 SESW	23 SWSE	23 SESE	24 SWSW	24 SESW	24 LT05	24 LT10
28 NENW	28 NNWE	28 NENE	27 NNWW	27 NENW	27 NNWE	27 NENE	28 NNWW	28 NENW	28 NNWE	28 NENE	25 NNWW	25 NENW	25 LT01	25 NENE
28 SENW	28 SWNE	28 SESE	27 SNNW	27 SENW	27 SWNE	27 SESE	28 SNNW	28 SENW	28 SWNE	28 SESE	25 SNNW	25 SENW	25 LT02	25 SESE
28 NESW	28 NWSE	28 NESE	27 NNSW	27 NESW	27 NWSE	27 NESE	28 NNSW	28 NESW	28 NWSE	28 NESE	25 NNSW	25 NESW	25 LT03	25 NESE
28 SESW	28 SWSE	28 SESE	27 SWSW	27 SESW	27 SWSE	27 SESE	28 SWSW	28 SESW	28 SWSE	28 SESE	25 SWSW	25 SESW	25 LT04	25 SESE
33 NENW	33 NNWE	33 NENE	34 NNWW	34 NENW	34 NNWE	34 NENE	35 NNWW	35 NENW	35 NNWE	35 NENE	36 NNWW	36 NENW	36 NNWE	36 NENE
33 SENW	33 SWNE	33 SESE	34 SNNW	34 SENW	34 SWNE	34 SESE	35 SNNW	35 SENW	35 SWNE	35 SESE	36 SNNW	36 SENW	36 SWNE	36 SESE

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