

RECEIVED

NOV 01 1993

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

Department of Water Resources
Southern Region Office

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: A71-04037
Date Received: 11/28/1989
Receipt No: M005259
Received By: _____

AMENDED

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

AMENDED

1. Name: HANS L CARSTENSEN III 206-236-2133
Address: 5320 W MERCER WAY
MERCER ISLAND WA 98040

AND/OR

Name: MARY S CARSTENSEN 206-236-2133
Address: 5320 W MERCER WAY
MERCER ISLAND WA 98040

2. Date of Priority: OCT 5, 1933

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

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
08N	14E	5	NE	SW	NE		CUSTER
		8	SE	SE	NE		CUSTER

5. Description of diverting works:
ROCKCHECK DAMS TO TWO EARTHEN CANALS TO EARTHEN DITCHES.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	05/01	09/30	10.840		

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

8. Total consumptive use is 250.0 Acre Feet Per Annum.

9. Non-irrigation uses:

MICROFILMED
OCT 27 1994

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	29	SE	SW		IRR	2.0
			SW	SE		IRR	35.0
			SE	SE		IRR	21.0
			Section Acres				58.0
		32	NE	NE		IRR	39.0
			NW	NE		IRR	22.0
			Section Acres				61.0
		33	NW	NW		IRR	6.0
			Section Acres				6.0
			Total Acres				125.0

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:
71-02063

14. Remarks:

THIS CLAIM IN COMBINATION WITH THE OLD LICENSE 71-02063 FOR IRRIGATION OF 83 ACRES AT A RATE OF 1"/ACRE IS INTENDED TO IRRIGATE A TOTAL OF 125 ACRES AT A RATE OF 5"/ACRE. THIS RATE IS NECESSARY DUE TO THE GRAVELLY NATURE OF THE SOIL AND THE HISTORICAL METHOD OF GRAVITY APPLICATION. ADDITIONALLY THE TWO CANALS WHICH DELIVER WATER FROM THE SALMON RIVER HAVE A LARGE SEEPAGE LOSS.

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

Number of attachments: _____

MICROFILMED
OCT 27 1994

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): ✓ [Signature] Date: 10/24/93
✓ Mary S. Carstensen Date: 10/24/93

State of Idaho)
County of Custer) SS.

Subscribed and sworn (or affirmed) before me this 24th day
of Oct 19 93 [Signature]
Notary Public

Seal

Residing at Challis
My Commission Expires 1-21-99

MICROFILMED
OCT 27 1994

JAMES R. BENNETTS

ATTORNEY AT LAW

P.O. Box 36

CHALLIS, IDAHO 83226

(208) 879-4488

RECEIVED

NOV 01 1993

Department of Water Resources
Southern Region Office

October 29, 1993

Allen D. Merritt
Idaho Department of Water Resources
222 Shoshone St. E.
Twin Falls, ID 83301

Re: Carstensen

Dear Allen:

Enclosed is the AMENDED NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW in the above matter.

Very truly yours,

James R. Bennetts

JRB:jab
Enclosure

MICROFILMED
OCT 27 1994



State of Idaho
DEPARTMENT OF WATER RESOURCES
Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

14-Oct-1993 13:21

James R. Bennetts
PO Box 36
Challis, ID 83226

RE: A71-04037 Draft Amendment

Dear Mr. Bennetts:

Pursuant to our phone conversation yesterday I have drafted an amendment of claim A71-04037 as we discussed. Please look it over and if it suits your needs have the claimants sign it before a notary and return it to our office so that I can formally change the record. If the draft is not what you want then mark on the draft what you want changed and then have the claimants initial the changes.

Please also find enclose copies of maps and aerial photos of the area as you requested.

If I can be of further assistance please let me know.

Sincerely,

Allen D. Merritt, P.E.
Water Rights Supervisor

Encl:

JAMES R. BENNETTS

ATTORNEY AT LAW

P.O. Box 36

CHALLIS, IDAHO 83226

(208) 879-4488

September 28, 1993

RECEIVED

OCT 13 1993

Department of Water Resources
Southern Region Office

Alan Merritt
Idaho Department of Water Resources
222 Shoshone Street East
Twin Falls, ID 83301

Re: A71-04037

Dear Alan:

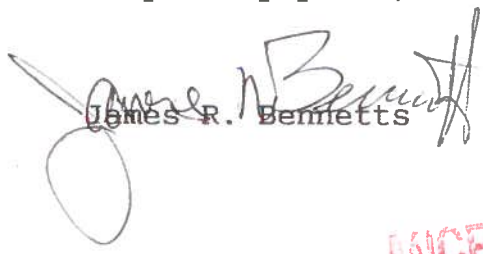
Pursuant to our discussion, we have amended the claim on the Carstensen water referred to above. I had some difficulty with the acreage represented on the license (#A71-02063), but I assume this is accurate as shown. If your mapping indicates otherwise, call me.

The amendment would result in slightly less than 5" used per acre if the total acreage on the 2 claims is as shown on the copies you sent me, but you might verify the acreage on the license. Obviously, as we discussed earlier, the requirements to deliver water and cover the lands are very high.

I will have the claimants execute the enclosed and forward to you with this letter. If you have comments or suggestions, please call.

Thank you for your courtesies.

Very truly yours,


James R. Bennetts

JRB:jab
Enclosure

MICROFILMED
OCT 27 1994

RECEIVED

OCT 13 1993

Department of Water Resources

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: **A71-04037**
Date Received: 11/28/1989
Receipt No: **M005259**
Received By: _____

COPY

FOR YOUR FILES
DO NOT RETURN

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

1. Name: **HANS L CARSTENSEN III** 206-236-2133
Address: 5320 W MERCER WAY
MERCER ISLAND WA 98040

AND/OR

Name: **MARY S CARSTENSEN** 206-236-2133
Address: 5320 W MERCER WAY
MERCER ISLAND WA 98040

2. Date of Priority: OCT 5, 1933

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

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08N	14E	5	NE	SW	NE		CUSTER

Att. 08N 14E 8 SE SE NE

5. Description of diverting works:

CONCRETE HEADGATE, DITCH, CONCRETE DIVIDER, FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	05/01	09/30	10.360		

7. Total Quantity Appropriated is:
10.84
10.360 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is *5* 18.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	29	SE	SW		IRR	2.0

MICROFILMED
OCT 27 1994

RECEIVED

OCT 13 1993

Department of Water Resources
Southern Region Office

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	29	SW	SE		IRR	35.0
							Section Acres 37.0
		32	NW NE	NE NE		IRR	22.0 48.0
							Section Acres 82.0
		33	NW	NW			8.0
							Total Acres 59.0
							107.00

COPY

FOR YOUR FILES
DO NOT RETURN

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:
NONE

14. Remarks:

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 _____ 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): *Phyllis R. Constanzen* Date: 9/30/93
Mary S. Constanzen Date: 9/30/93

MICROFILMED
OCT 27 1993

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: A71-04037
Date Received: 11/28/1989
Receipt No: M005259
Received By: See Downer

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: HANS L CARSTENSEN III 206-236-2133
Address: 5320 W MERCER WAY
MERCER ISLAND WA 98040
AND/OR
Name: MARY S CARSTENSEN 206-236-2133
Address: 5320 W MERCER WAY
MERCER ISLAND WA 98040
2. Date of Priority: OCT 5, 1933
3. Source: SALMON RIVER Trib. to: SNAKE RIVER
4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08N	14E	5	NE	SW	NE		CUSTER
5. Description of diverting works:
CONCRETE HEADGATE, DITCH, CONCRETE DIVIDER, FLOOD IRRIGATION
6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	05/01	09/30	2.360		
7. Total Quantity Appropriated is:
2.360 C.F.S. (and/or) A.F.A.
8. Total consumptive use is 118.0 Acre Feet Per Annum.
9. Non-irrigation uses:
10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	29	SE	SW		IRR	2.0

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	29	SW	SE		IRR	35.0
						Section Acres	37.0
		32	NW	NE		IRR	22.0
						Section Acres	22.0
						Total Acres	59.0

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:
NONE

14. Remarks:

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 _____ 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): _____ Date: _____
_____ Date: _____

State of Idaho)
) ss.
County of _____)

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____



NEW PROPERTY OWNER NOTICE OF CHANGE OF WATER RIGHT OWNERSHIP

Please print or type
(see instructions on back of page)

RECEIVED

FEB 19 1993

Department of Water Resources

DATE OF CLOSING: 02-10-93

RECEIVED

FEB 23 1993

Department of Water Resources
Southern Region Office

LEGAL DESCRIPTION OF PROPERTY: Township _____ Range _____
Section _____, 1/4 of _____ 1/4 of _____ 1/4, Govt. Lot _____, BM.
Lot _____, Block _____, Subdivision/Townsite _____.
If you have additional legal descriptions, please attach separate sheet.

- [] Served Only by a Public Service Water Supply (all water is received from a city or company who maintains water supply system, owns the water right, and bills the customer on a regular basis)
- [] Water Right Number(s) A71-10086, A71-04037, A71-02063, A71-04034
Assigned by IDWR: And all rights appurtenant to the described lands.
- [] Name and Address of Former Owner/Claimant(s)(Seller): MORGAN C. WILLIAMS
HC 61 BOX 3029
CHALLIS ID 83226
- [] New Owner/Claimant (Purchaser): HANS L. CARSTENSEN III AND/OR MARY S. CARSTENSEN
- [] New Mailing Address: 5320 W. MERCER WAY
MERCER ISLAND, WA 98040
- [] New Telephone Number: (206) 236 - 2133
- [] Does the change in ownership result in a splitting of the water right owned/claimed? yes X no
If yes, then describe the portion of the water right that is now owned/claimed by the new owner:

- [] Attach proof of ownership, describe proof attached: Copy of Warranty Deed

(proof of ownership must describe either the property conveyed or include the claim number. Proof of ownership is not required if this form is signed by the former owner/claimant.)

- [] Signature of New Owner/Claimant(s) X Hans L. Carstensen Date 2/10/93
X Mary S. Carstensen Date 2/10/93
- [] Signature of Former Owner/Claimant(s): X Morgan C. Williams Date 2/10/93
Dean M. Williams by Morgan C. Williams Date 2/10/93
(Signature of former claimant(s) is not required if proof of ownership is attached.)

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: 3-3-93 By: SCE

Further Action Needed:

NONE

Further Action Taken

Date: _____ By: _____

Final Review and Data-Entry

Date: _____ By: _____

Claim Numbers of Split, if any:

Original to be mailed to Idaho Department of Water Resources
Copies to Former Owner and New Owner

MICROFILMED

MAR 17 1993

WARRANTY DEED

For Value Received MORGAN C. WILLIAMS and JEAN M. WILLIAMS, husband and wife, a/k/a MORGAN CASTO WILLIAMS and JEAN MARIE WILLIAMS, husband and wife,

the grantor s, do hereby grant, bargain, sell and convey unto

HANS L. CARSTENSEN III and MARY S. CARSTENSEN, husband and wife,
the grantee s, whose current address is 5320 W Mercer Way, Mercer Island, WA 98040,

the following described premises, in Custer County Idaho, to-wit:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

RECEIVED

FEB 23 1993

Department of Water Resources
Southern Region Office

COPY

TO HAVE AND TO HOLD the said premises, with their appurtenances unto the said Grantees, their heirs and assigns forever. And the said Grantor s do hereby covenant to and with the said Grantees, that they are the owner s in fee simple of said premises; that they are free from all incumbrances

and that they will warrant and defend the same from all lawful claims whatsoever.

Dated: February 10, 1993.

Morgan C. Williams
Morgan C. Williams, a/k/a Morgan
Casto Williams

Jean M. Williams
Jean M. Williams, a/k/a Jean Marie
Williams, by Morgan C. Williams, her
attorney-in-fact

STATE OF IDAHO, COUNTY OF CUSTER

On this 10 day of February, 1993, before me, a notary public in and for the said State, personally appeared MORGAN C. WILLIAMS aka MORGAN CASTO WILLIAMS, and JEAN M. WILLIAMS aka JEAN MARIE WILLIAMS, by MORGAN C. WILLIAMS, her attorney-in-fact

known to me to be the person s whose name s are subscribed to the within instrument, and acknowledged to me that they executed the same.

Patsy K. Smith
Notary Public
Residing at Challis, Idaho
Comm. Expires 3/12/98

STATE OF IDAHO, COUNTY OF CUSTER

I hereby certify that this instrument was filed for record at the request of Custer County Title

at 05 minutes past 4:00 o'clock P.M.,
this 10th day of February, 1993, in my office, and duly recorded in Book of Deeds at Page

Ethel M. Beck
Ex-Officio Recorder
By Jama Taylor Deputy.

Fees \$600
Mail to: CCL

MICROFILMED

MAR 17 1993

EXHIBIT A

DESCRIPTION:

TOWNSHIP 9 NORTH, RANGE 14 EAST, BOISE MERIDIAN, CUSTER COUNTY, IDAHO

Section 29: SE $\frac{1}{4}$ SE $\frac{1}{4}$ AND THAT PORTION OF THE SW $\frac{1}{4}$ SE $\frac{1}{4}$ EAST OF THE RIGHT-OF-WAY FOR U.S. HIGHWAY NO 93, AND THAT PORTION OF THE SE $\frac{1}{4}$ SW $\frac{1}{4}$ EAST OF THE RIGHT-OF-WAY FOR U.S. HIGHWAY NO 93.

Section 32: NE $\frac{1}{4}$ NE $\frac{1}{4}$, AND THAT PORTION OF THE NW $\frac{1}{4}$ NE $\frac{1}{4}$ EAST OF THE RIGHT-OF-WAY FOR U.S. HIGHWAY NO 93

Section 33 NW $\frac{1}{4}$ NW $\frac{1}{4}$. *MCW*

MICROFILMED

MAR 17 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 3, 1993

R. KEITH HIGGINSON
Director

HANS L &/OR MARY S CARSTENSEN
5320 W MERCER WAY
MERCER ISLAND WA 98040

RE: CHANGE IN OWNERSHIP FOR SRBA CLAIM NOS. A71-10086, A71-02063,
A71-04037 & A71-04034

DEAR MR. & MRS. CARSTENSEN,

PURSUANT TO YOUR REQUEST FOR A CHANGE IN OWNERSHIP AND/OR THE NOTIFICATION THAT YOU PRESENTLY OWN THE PROPERTY IN WHICH THE ABOVE-REFERENCED ADJUDICATION CLAIM(S) IS APPURTENANT, THE DEPARTMENT HAS CHANGED THE RECORD OF THE CURRENT OWNERS AS YOU REQUESTED. PLEASE FIND ENCLOSED A COPY OF YOUR ADJUDICATION CLAIMS AS THEY NOW APPEAR IN OUR RECORDS.

IF YOU HAVE ANY FURTHER CORRECTIONS OR QUESTIONS PLEASE CONTACT OUR OFFICE.

SINCERELY,

A handwritten signature in cursive script, appearing to read 'Steve Clelland'.

STEVE CLELLAND
WATER RESOURCE AGENT

ENC:
SCC

MICROFILMED

MAR 17 1993

109⁰⁰

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: A71-04037

Date Received: 11-28-89

Receipt No: M005259

Received By: AB

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: MORGAN C. WILLIAMS
Address: HC #61, BOX 3029
CHALLIS, ID 83226
208-879-4259

2. Date of Priority: OCT 05, 1933

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

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08N	14E	5	NE	SW	NE		CUSTER

5. Description of diverting works:
CONCRETE HEADGATE, DITCH, CONCRETE DIVIDER, FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	05/01	09/30	2.360		

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

8. Total consumptive use is 118.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	29	SE	SW		IRR	2.0
			SW	SE		IRR	35.0
Section Acres							37.0

A71-04037

Page 1

Date: 11/28/89

MICROFILMED

MAR 17 1993

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09N	14E	32	NW	NE		IRR	22.0
Section Acres							22.0
Total Acres							59.0

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:
NONE

14. Remarks:

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: 2

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): Morgan C Williams Date: 11/28/89
Date: _____

State of Idaho)
County of Custer) SS.
)

Subscribed and sworn (or affirmed) before me this 28th day
of November 19 89

Anna Baunhoff
Notary Public

Seal

Residing at Anna Baunhoff, Notary Public
My Commission Expires Residing at Boise, Idaho
My Commission Expires December 7, 1994

H71-04037

371
N6



8-9-67

A71-04037

59 Acres

Section 14

Salmon

Camp

MICROFILMED

MAR 17 1993

burn
untain

Lar

Redfish

Warm
Springs

Obsidian

Decker
Flint

Decker
Peak

BDY

Spring

Hell
Roaring

Crear

9N
8N

3001

36

31

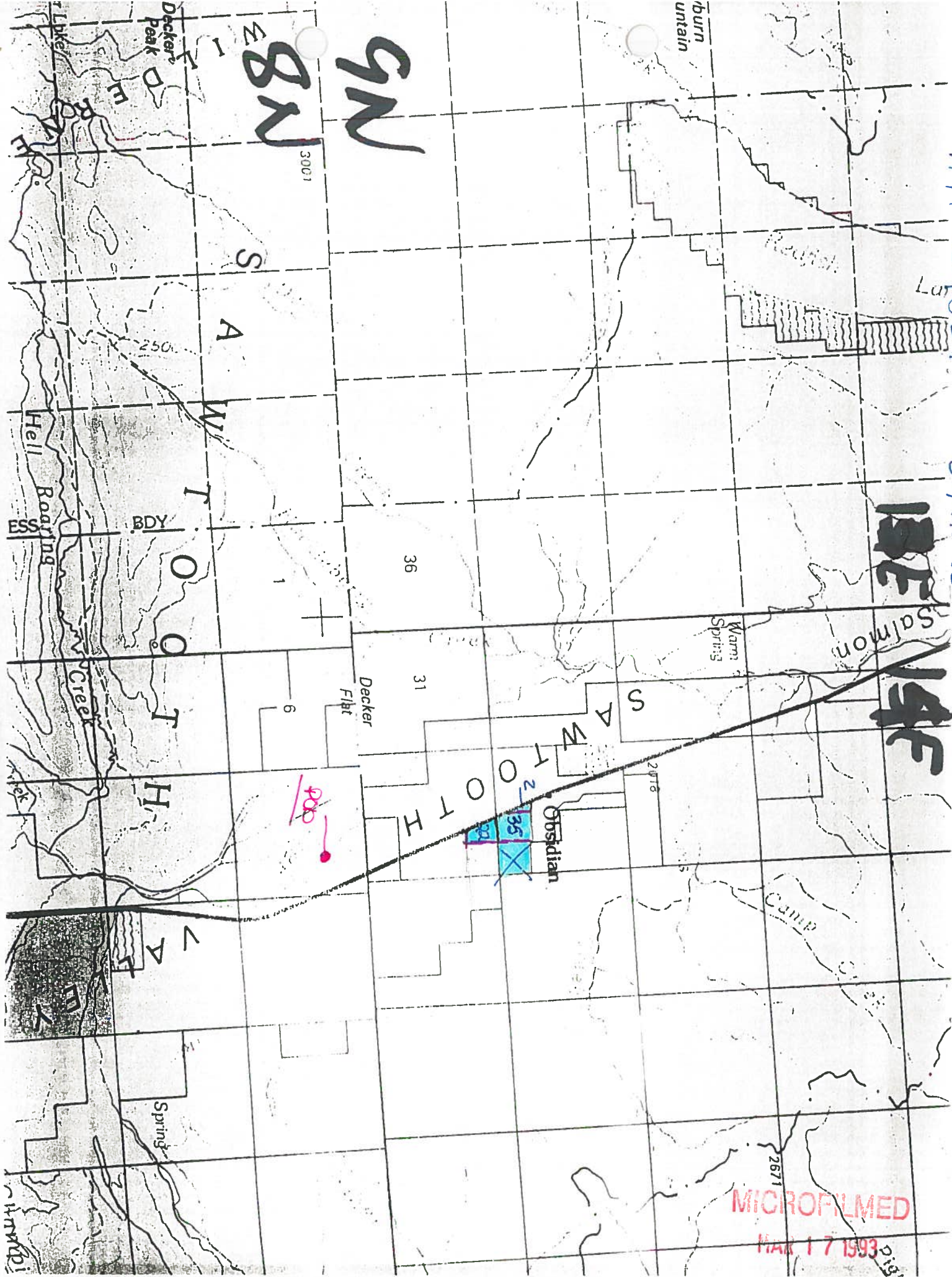
2676

2671

W T O O T H

35
36

400





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

A71-04037
MORGAN C. WILLIAMS
HC #61, BOX 3029

CHALLIS

ID 83226

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 17 1993

AFFIDAVIT - WATER USE

RE: WATER RIGHT NO. A71-04034
A71-04037

STATE OF IDAHO)
 : ss.
County of Custer)

The undersigned, first being duly sworn, deposes and says as follows:

1. I was born in the year 1922. I believe that I have sound recollection and memory of events in my childhood. Further, I have reviewed the information contained in the IDWR printouts attached and made a part hereof as Exhibits A and A-1.

2. I am familiar with the data contained to the extent that I spent my childhood years with my family upon the lands described as the place of use in the printout sheets. Further, after adulthood, my husband and I continued to reside upon adjoining properties.

3. I can state in regard to Right No. 71-04034 that although I cannot personally swear that the water source described was used upon the lands described the year I was born, however, I can swear that by my personal recollection the water was applied as described at least as early as 1929. Further, based upon my earliest recollections as to the appearance of the lands and of the water system, I believe that the ditches and irrigating system had been in place for some years previously. Further, I recall conversations with my elders regarding these matters and it is my belief that the priority date set forth is accurate although not totally within my personal recollection.

4. In regard to Right No. A71-04037, I am able without hesitancy to state that water from the source claimed was in fact applied to the lands described by the year 1930. Further, the approximate acreage claimed as having been irrigated was in fact being irrigated by that year.

5. This Affidavit is based upon my best recollection and belief and to the best of my knowledge and recollection is true.

DATED: March 27th, 1992.

Morgan C. Williams
Morgan C. Williams

SUBSCRIBED AND SWORN TO before me this 27th day of March, 1992.

James W. Smith
Notary Public for Idaho
Residing at: Charles Schuler
My Comm. Expires: 1-13-93

MICROFILMED

MAR 17 1993

WR5809NP
No. 71-04037

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 09/05/92
PAGE: 71

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	MORGAN C. WILLIAMS	10/05/1933	IRRIGATION	05-01 09-30	2.36 CFS	

TOTAL DIVERSION: 2.36 CFS

Water Source: SALMON RIVER Tributary to: SNAKE RIVER Stage: STATUTORY CLAIM

Point(s) of Diversion: T08N R14E S05 SE NE

Place of use Legal Description for: IRRIGATION

NE NE NW NW SW SW SE SE											
T R S			Lt Ac			Lt Ac			Lt Ac		
09N 14E 29	:	:	:	:	:	:	:	:	:	:	:
09N 14E 32	:	:	:	:	:	:	:	:	:	:	:
TOTAL ACRES											
SUM											
37.0											
22.0											
59.0											

Pou County: CUSTER

Other Rights: 71-2063

Other Water Rights Listing Overlapping Place(s) of use:
71-02082

Dates:	App. Received:	Priority Date:
	Proof Due Date:	10/05/1933
	Exam Made Date:	Exam Sent to S.O.:
	Licensed Date:	

Misc:	Water District Number:	Field Exam Fee:
-------	------------------------	-----------------

Audit: 01/28/86 05/28/88 CONVERT

MICROFILMED
MAR 17 1993

Water Right Number - A71-04037

Prefix Translation: ADJUDICATION CLAIM

Old (D) Number -

+ - - - - Last Name - - - - +
*** C - CURRENT OWNER ***
WILLIAMS+ - First Name - - +
MORGAN C.+ - - - - Address - - - - +
1 - HC #61, BOX 3029
2 -
3 -
City- CHALLIS
Phone - 208-879-4259+ - - - - Status - - - - +
State- ID Zip- 83226+ - - Priority Date - - +
10/05/1933+ - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
J - BENEFICIAL USE+ - - Source - - - - - +
SALMON RIVER+ - - Tributary - - - - - +
SNAKE RIVER+ - - - - Point of Diversion - - - - - Stream Index (Blank if no Index Code)
Twn Rng Sec Tract Lot Rflg County
08N 14E 5 NE SW NE (37) CUSTER+ - - - - Water Use - - - - - Diversion Rate Diversion Volume
Code Description Period From Period To
01 - IRRIGATION 05/01 09/30 2.360+ - Total Div. Rate - + - Total Div. Volume - + - Total Div. Capacity - + - Total Consumptive Use - + - KW Usage - +
2.360 118.0+ - - - - Place of Use - - - - -
Twn Rng Sec Tract Lot Acres Code Description County
09N 14E 29 SE SW 2.0 01 IRRIGATION (37) CUSTER
09N 14E 29 SW SE 35.0 01 IRRIGATION (37) CUSTER
09N 14E 32 NW NE 22.0 01 IRRIGATION (37) CUSTER
Total Acres: 59.0

+ - - Diversion Means - CONCRETE HEADGATE, DITCH, CONCRETE DIVIDER, FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

+ - - - - Remarks - - - - -
No Remarks found.+ - - - - Old Water Right Numbers - - - - -
No Old Water Right Numbers found.+ - - - - Conditions of Approval - - - - -
No Conditions of Approval found.MICROFILMED
MAR 17 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

RECEIVED

AUG 14 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

July 31, 1998

MARY S CARSTENSEN & HANS L CARSTENSEN III
PO BOX 159
NORWELL MA 02061-0159

Re: Snake River Basin Adjudication (SRBA)
Water Rights #71-02063, 71-04034, 71-04037, 71-10086,
and 71-10153
Change of Address 08-07-98

Dear Water Right Holder:

response

Mail recently sent to you was returned to us by the Postal Service. They also advised us your address has changed to the above address. We have enclosed the returned mail.

Although we have reached you at the address above, we need your written confirmation this is your correct mailing address before we can change our records.

Please sign your name at the bottom of this letter and return it to this office. Make corrections to your name and address if necessary before returning this letter, list any other water right claims you have, and return the letter by August 12, 1998. Thank you for your help.

If your mail delivery address changes in any form, please contact us in writing so we can update our records.

If there has been a change in ownership of the property connected with the water right referenced above, 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,

S. Sherman

Sally Sherman
Technical Records Specialist
Adjudication Bureau

SS:region
Enclosures

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

Claimant Signature

Telephone Number

CARS320* 980402002 1197 10 07/28/98
FORWARD TIME EXP RTN TO SEND
CARSTENSEN
PO BOX 159
NORWELL MA 02061-0159

RETURN TO SENDER

R71-04034
MARY S CARSTENSEN
HANS L CARSTENSEN III
5320 W MERCER WAY
MERCER ISLAND WA 98040



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

9/4/98

**PHILIP E. BATT
GOVERNOR**

**KARL J. DREHER
DIRECTOR**

HANS AND MARY CARSTENSEN III
PO BOX 159
NORWELL MA 02061-0159

RE: Notice of error reply, 71-02063 & 71-04037

Dear Mr & Mrs Carstensen:

I am writing to acknowledge your replies to our proposed recommendations. Thank you for your quick response. I have reviewed the field exam notes and various maps in the files. It appears to me that the upper ditch heads from the river in the SENESE S8, as we recommended. However, perhaps you have other information that would clarify this, and which was not included in your reply.

I believe there is still time to exchange correspondence, and suitably resolve this uncertainty, before our final recommendation is sent to the court (mid-September). Please forward any documentation you may have that would resolve the issue. I know we both want the most accurate information recorded in the right.

One observation I have made on diversions in the area is that there are often control gates and side channel spills, which return water to the river, some distance down ditch. I don't know for certain whether this is the case for your ditch and whether this may be part of your considerations. IDWR considers that the point of diversion to be where the ditch actually first separates from the river or stream and not at the controlling works.

Please contact us if you have further questions or need other assistance. Again, I look forward to receiving any further information on the question of diversion location.

Sincerely,

Douglas Jones, P. E.
Water Rights Supervisor
Southern Adjudication Unit



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

8/21//98

**PHILIP E. BATT
GOVERNOR**

**KARL J. DREHER
DIRECTOR**

HANS AND MARY CARSTENSEN III
5320 W MERCER WAY
MERCER ISLAND WA 98040

RE: Notice of error reply, 71-02063 & 71-04037

Dear Mr & Mrs Carstensen:

I am writing to acknowledge your replies to our proposed recommendations. Thank you for your quick response. I have reviewed the field exam notes and various maps in the files. It appears to me that the upper ditch heads from the river in the SENESE S8, as we recommended. However, perhaps you have other information that would clarify this, and which was not included in your reply.

I believe there is still time to exchange correspondence, and suitably resolve this uncertainty, before our final recommendation is sent to the court (mid-September). Please forward any documentation you may have that would resolve the issue. I know we both want the most accurate information recorded in the right.

One observation I have made on diversions in the area is that there are often control gates and side channel spills, which return water to the river, some distance down ditch. I don't know for certain whether this is the case for your ditch and whether this may be part of your considerations. IDWR considers that the point of diversion to be where the ditch actually first separates from the river or stream and not at the controlling works.

Please contact us if you have further questions or need other assistance. Again, I look forward to receiving any further information on the question of diversion location.

Sincerely,

Douglas Jones, P. E.
Water Rights Supervisor
Southern Adjudication Unit

July 22, 1998

RECEIVED

AUG 17 1998

NOTICE OF ERROR
REPLY

Department of Water Resources

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: August 14, 1998

Water right number: 71-04037

HANS L CARSTENSEN III
MARY S CARSTENSEN
5320 W MERCER WAY
MERCER ISLAND WA 98040

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): *WE BELIEVE THAT THE POINT OF DIVERSION IN SECTION 8 IS MORE CORRECTLY LOCATED AS: NE NE SE, INSTEAD OF AS SHOWN ON THE ACCOMPANYING MAP.*
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.

(EXCEPT AS NOTED IN #1, ABOVE.)

DATE: *8/12/98*

SIGNATURE: *Hans L. Carstensen III*

Please print your name: *HANS L. CARSTENSEN III*



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

RECEIVED

AUG 17 1998

RECEIVED
GOVERNOR

AUG 20 1998
DIRECTOR

Department of Water Resources
Southern Region

July 31, 1998

MARY S CARSTENSEN & HANS L CARSTENSEN III
PO BOX 159
NORWELL MA 02061-0159

Re: Snake River Basin Adjudication (SRBA)
Water Rights #71-02063, 71-04034, 71-04037, 71-10086,
and 71-10153 blank
Change of Address

Dear Water Right Holder:

Mail recently sent to you was returned to us by the Postal Service. They also advised us your address has changed to the above address. We have enclosed the returned mail.

Although we have reached you at the address above, we need your written confirmation this is your correct mailing address before we can change our records.

Please sign your name at the bottom of this letter and return it to this office. Make corrections to your name and address if necessary before returning this letter, **list any other water right claims you have**, and return the letter by August 12, 1998. Thank you for your help.

If your mail delivery address changes in any form, please contact us in writing so we can update our records.

If there has been a change in ownership of the property connected with the water right referenced above, 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,

S. Sherman

Sally Sherman
Technical Records Specialist
Adjudication Bureau

SS:region
Enclosures

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

Mary S. Carstensen
Claimant Signature

(617) 827-7087
Telephone Number

cc: Water Meas.

*Records modified 08-17-98; NCAP
prepared; Water Meas. Copied. 08-17-98*

AJ0743NP
(00-124)

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT
(REGIONAL)

06/03/98 15:00:52
Page 1

Water Right Number - R71-04037

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
CARSTENSEN III

HANS L

1 - 5320 W MERCER WAY

State- WA Zip- 98040

CARSTENSEN

MARY S

2 -
3 -
City- MERCER ISLAND
Phone - 206-236-2133
1 - 5320 W MERCER WAY

State- WA Zip- 98040

+ - - Priority Date - - +
10/05/1933

+ - - - Region - - - +
17 SOUTHERN

+ - - - Stage - - - +
J - BENEFICIAL USE

+ - - - Status - - - +

+ - - - Source - - - - - +
SALMON RIVER

+ - - - - Tributary - - - - - +
SNAKE RIVER

+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County

08N 14E 5 SW SE NE (37) CUSTER
8 SE NE SE (37) CUSTER

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

01 - IRRIGATION 05/01 09/30 9.170

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
9.170 0.0

+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County

09N	14E	29	SE SW	0.8	01	IRRIGATION	(37) CUSTER
09N	14E	29	SW SE	35.5	01	IRRIGATION	(37) CUSTER
09N	14E	29	SE SE	26.8	01	IRRIGATION	(37) CUSTER
09N	14E	32	NE NE	38.3	01	IRRIGATION	(37) CUSTER
09N	14E	32	NW NE	21.2	01	IRRIGATION	(37) CUSTER
09N	14E	33	NW NW	4.6	01	IRRIGATION	(37) CUSTER

Total Acres: 127.2

+ - - Diversion Means - TWO CANALS FROM RIVER TO OPEN DITCHES FOR FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 71-02063

Water right number - R71-04037

Prefix Translation: RESEARCH

----- Remarks -----

POU1 USE OF RIGHTS 71-04037 AND 71-02063 IS LIMITED TO THE
IRRIGATION OF A COMBINED TOTAL OF 127.2 ACRES IN A SINGLE
IRRIGATION SEASON.

EXP 4.36 CFS OF THIS RIGHT IS LIMITED TO USE FOR
CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT AND 71-02063.
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED WITHIN THE SENESE S05, T08N, R14E:
71-02063, 71-04037, 71-02082, 71-04016 & 71-10766.
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED WITHIN THE SENESE S08, T08N, R14E:
71-02063, 71-04037, 71-02004A, 71-02004B, 71-10767, 71-02085B &
71-10764.

----- 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

----- Comments -----

Date: 03/03/1993 User ID: CLELAND Subject: CHANGE OR OWNERSHIP
FORM, DEED AND SIGNATURE BY MORGAN C. WILLIAMS TRANSFER OWNER-
Date: 06/03/1998 User ID: AMERRITT Subject: COPIED FROM REMARKS
USE OF THIS RIGHT WITH RIGHT NO. 71-02063 IS LIMITED TO A
THE IRRIGATION OF A COMBINED TOTAL OF 125 ACRES IN A SINGLE
4.36 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
71-02063, 71-04037, 71-02082, 71-04016 & 71-10766.
DIVERSION DESCRIBED WITHIN THE SENESE S08, T08N, R14E:
71-02085B & 71-10764.

----- Audit Fields ----- +

06/03/98 AMERRITT

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 09/21/1993	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	- 11/28/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- M005259	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

71-02063

DATE: 6/3 May 8, 1998

71-04037

REVIEWED BY _____

STANLEY BASIN SOIL REVIEW								
SOIL TYPE	OPTIMUM ROTATION	BORDER EFF	BORDER CFS/AC	FURROW EFF	FURROW CFS/AC	MAD	PF	BORDER / FURROW
AM1	4.00	3.5	0.30	22.3	0.05	1.00	1.14	6.09
→ BG1	5.00	5.8	0.19	34.3	0.03	1.32	1.13	5.99
CNB	7.00	7.8	0.14	47.3	0.02	1.82	1.11	6.20
GO1	14.66	25.5	0.04	24.6	0.04	3.65	1.07	0.96
→ LA4	4.00	3.7	0.30	23.6	0.05	1.06	1.14	6.46
PY1	5.66	6.3	0.17	37.9	0.03	1.46	1.12	5.98
RD1	5.66	6.3	0.17	37.9	0.03	1.46	1.12	5.98
RP1	4.33	6.9	0.16	35.2	0.03	1.13	1.13	5.18
SN1	2.66	2.47	0.45	15.4	0.07	0.69	1.14	6.30
ST1	3.33	3.2	0.36	20.3	0.05	0.91	1.14	6.65
TN1	4.66	4.2	0.26	26.9	0.04	1.21	1.13	6.44
TP4	9.33	9.5	0.11	60.0	0.02	2.31	1.10	6.24
→ WG1	2.66	2.4	0.45	14.9	0.07	0.67	1.14	6.12
WV1	13.00	17.4	0.06	50.3	0.02	3.24	1.08	2.91

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
WG1	2.66	21	* 48	* 0.45	= 2.74 CFS
BG1	5.00	21	* 66.2	* 0.19	= 2.99 CFS
LA4	4.00	21	* 13	* 0.30	= 0.74 CFS
			*	*	= CFS

6.47 + 4.36 = 10.83 Covers

TOTAL ACRES 127.2

DECREED RATE = _____

CLAIMED DIVERSION RATE = _____

ORIGINAL HUBBLE RATE = _____

MEASURED DIVERSION RATE = _____

02063 1.66
04037 9.17
10.83

CLAIM NUMBERS 71-02063
71-04037

DATE 6/2/98
AGENT AD

TRANSFER NUMBER _____
HOMESTEAD ENTRY NO. _____
CLAIMED ACRE TOTAL _____

				NE				NW				SW				SE			
RIGHT NO	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM																			
GIS	9N	14E	29												0.8			35.5	26.8
ECOM																			63.1
CLAIM																			
GIS			32																
ECOM																			59.5
CLAIM																			
GIS			33																
ECOM																			4.6
CLAIM																			
GIS																			
ECOM																			

B71-DBPOD.SHP

NOS DESCRIPTION

60 SE NE SE Sec 8

78 SW SE NE Sec 5

B71-DBPOU.SHP

SHAPE NOS

129 120.2

170 7.0

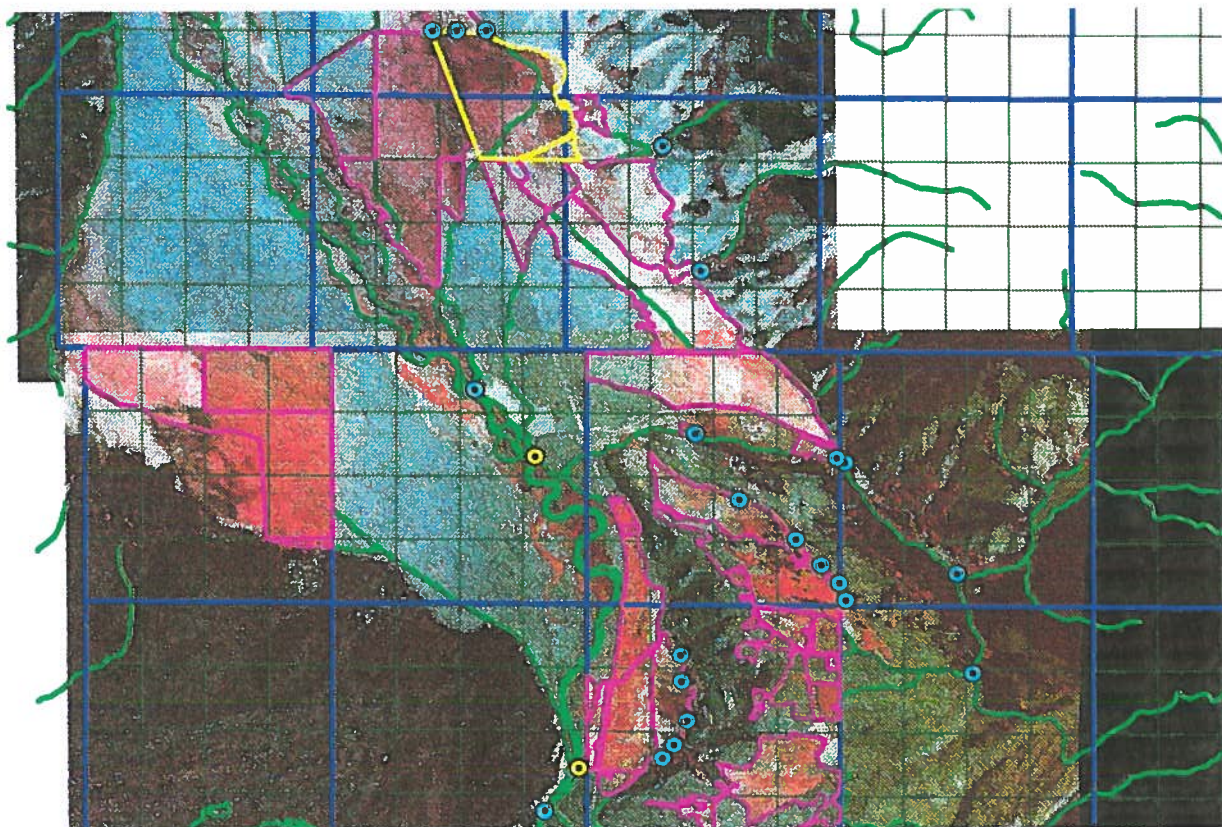
DBF TABLES UPDATED

B71-DBPOD.DBF

B71-DBPOU.DBF

IDAHO DEPARTMENT OF WATER RESOURCES

71-02063 & 71-04037



1320 0 13202640 Feet



POU:

TWP 09N, RGE 14E, SEC 29, 32 & 33

POD:

SALMON RIVER - SWSENE SEC 5

& SENESE SEC 8, TWP 08N, RGE 14E



-  RECOMMENDED PLACE OF USE
-  RECOMMENDED POINT OF DIVERSION
-  SECTION LINES
-  QUARTER QUARTER LINES
-  STREAM AND DITCH CHANNELS

GIS PLACE OF USE PRESENTATION
1987 AND/OR 1988 NAPP PHOTOGRAPHY
DATA ENTRY JUNE 1998
BY ALLEN MERRITT

R PROOF

CVR

MAPS

PHOTOS

MISC

MICROFILMED

OCT 27 1984

Water Right Number - R71-04037

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
CARSTENSEN III

HANS L

1 - 5320 W MERCER WAY
2 -
3 -
City- MERCER ISLAND
Phone - 206-236-2133
1 - 5320 W MERCER WAY
2 -
3 -
City- MERCER ISLAND
Phone - 206-236-2133

State- WA Zip- 98040

CARSTENSEN

MARY S

State- WA Zip- 98040

Priority Date - 10/05/1933

Region - 17 SOUTHERN

Stage - J - BENEFICIAL USE

Status -

Source - SALMON RIVER

Tributary - SNAKE RIVER

TwN Rng Sec Tract Lot RFlg County Point of Diversion

08N 14E 5 SE SE NE (37) CUSTER
8 SE NE SE (37) CUSTER

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

01 - IRRIGATION 05/01 09/30

8.970

Total Div. Rate - 8.970

Total Consumptive Use - 0.0

TwN	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
09N	14E	29	SE SW		2.0		01	IRRIGATION	(37) CUSTER
09N	14E	29	SW SE		35.0		01	IRRIGATION	(37) CUSTER
09N	14E	29	SE SE		21.0		01	IRRIGATION	(37) CUSTER
09N	14E	32	NE NE		39.0		01	IRRIGATION	(37) CUSTER
09N	14E	32	NW NE		22.0		01	IRRIGATION	(37) CUSTER
09N	14E	33	NW NW		6.0		01	IRRIGATION	(37) CUSTER

Total Acres: 125.0

- - - Diversion Means - TWO CANALS FROM RIVER TO OPEN DITCHES FOR FLOOD IRRIGATION

- - - Non-Irrigation Use -

- - - Other Rights for Same Use - 71-02063

MICROFILMED
OCT 27 1994

Water right number - R71-04037

Prefix Translation: RESEARCH

REMARKS
USE OF THIS RIGHT WITH RIGHT NO. 71-02063 IS LIMITED TO A
TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 250 AF, AND TO
THE IRRIGATION OF A COMBINED TOTAL OF 125 ACRES IN A SINGLE
IRRIGATION SEASON.
4.36 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT AND 71-02063.
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED WITHIN THE SENESE S05, T08N, R14E:
71-02063, 71-04037, 71-02082, 71-04016 & 71-10766.
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED WITHIN THE SENESE S08, T08N, R14E:
71-02063, 71-04037, 71-02004A, 71-02004B, 71-02004C, 71-10767,
71-02085B & 71-10764.

No Old Water Right Numbers Found

Conditions of Approval
No Conditions of Approval found.

Decree Plaintiff

Decree Defendant

Decree Date
00/00/0000

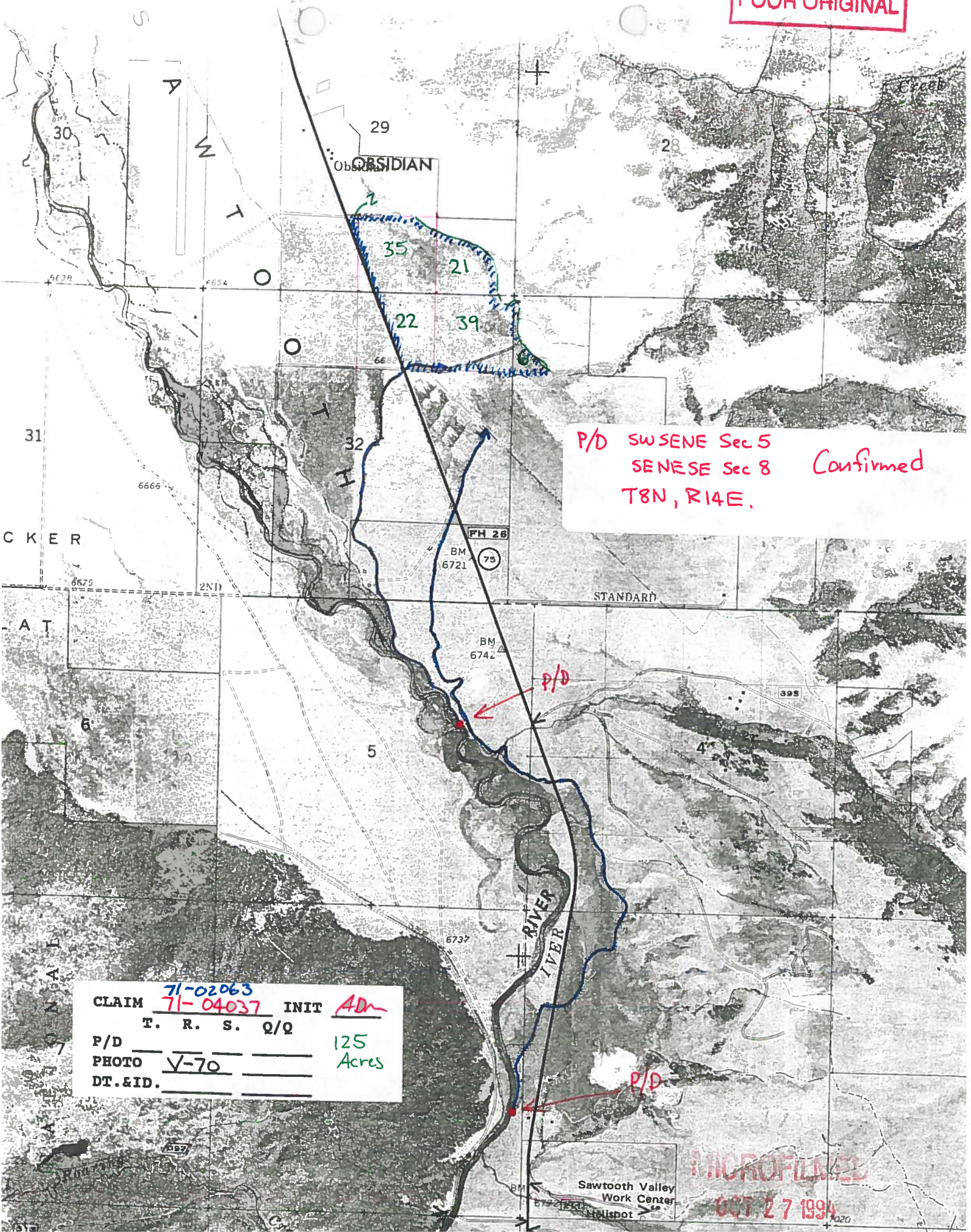
Date: 03/03/1993 User Id: CLELLAND Subject: CHANGE OR OWNERSHIP
FORM, DEED AND SIGNATURE BY MORGAN C. WILLIAMS TRANSFER OWNER- SHIP TO CARSTENSEN.

Audit Fields
03/28/94 MERRITT

Adjudication Rights Dates and Flags Area			
Court Report Filing	- 00/00/0000	Field Inspection Made	- 09/21/1993
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000
Claim Received Date	- 11/28/1989	Last Amended Date	- 00/00/0000
		Receipt Number	- M005259
		POU Ownership Flag	- Y
		Name Connector	- AND/OR
		Civil Case Number	- 39576
		Old Case Number	-
		Old Judicial District	-
		Temporary Right	- P
		Water District	-
		Federal/State Indicator	- S
		Presumption Flag	-
		Notice of Error Flag	-

MICROFILMED
OCT 27 1991

POOR ORIGINAL



P/D SWSENE Sec 5
SENESE Sec 8 Confirmed
T8N, R14E.

CLAIM 71-02063
71-04037 INIT Adm
T. R. S. Q/Q
P/D 125
PHOTO V-70 Acres
DT.&ID.

PHOTOFILMED
OCT 27 1994

Excess Flow Evaluation

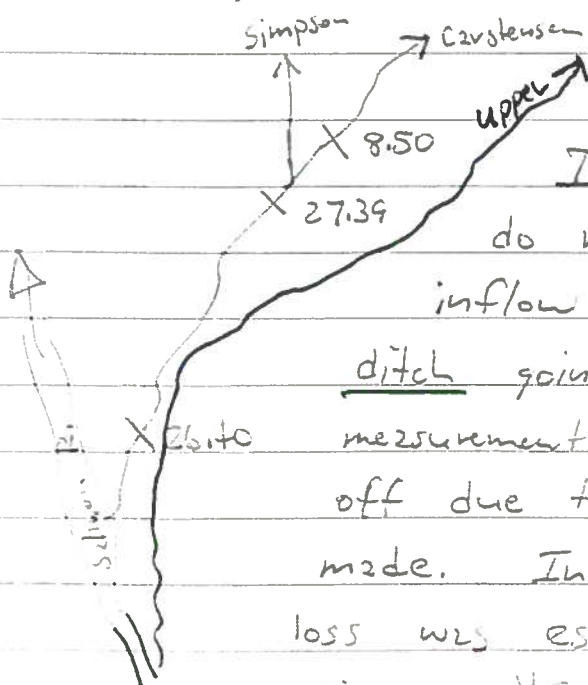
2/24/94 by ADM

A71-02082 } Simpson
A71-04016 }
A71-10766 - USFS
A71-04037 - Carstensen

This evaluation is for the ditch diverting from the Salmon River within the SWSENE Sec 5 T8N R14E 2nd serving lands owned by Simpson, USFS & Carstensen.

POOR ORIGINAL

On 8/24/93 I met John Simpson and we measured the ditch below the fish screen and found 26.40 cfs. We measured the ditch again and found 27.39 cfs above the split and then the portion going Carstensen's way and found 8.50 cfs.



I cannot resolve why these measurements do not show a loss unless there is inflow thru the bank from the upper ditch going to Carstensen's or possibly the measurement above the split is slightly off due to the location the measurement was made. In any event calculation of ditch loss was estimated based on the OCT 27 using a "C" value of 3.0 pursuant to

Hubble.

While meeting with Mr. Simpson I quickly estimated what the measurements might show (± 25 cfs) at the P/D and we discussed that his share of the canal would or could be more than the $(2.52 + 1.10)$ which he had filed. We discussed his options and he decided to amend A71-04016 to provide for more water & to cover the entire ranch.

Evaluation of the Simpson place finds 25 Ac. with W61 soil & 143 Ac with B61 soil being irrigated. At the time we met Mr. Simpson indicated the place is irrigated with 24 hrs sets & 10 day rotation.

The optimum rotation for W61 is 4 days & B61 is 8 days. Since the indicated rotation is 10 days that is what was used in the analysis. By using the wild flooding procedure the B61 justified 13.59 cfs & the W61 justified 3.00 cfs for a total IR of 16.59 cfs.

Similarly the USFI tract consists of 3 Ac of W61 soil & 9 Ac of B61 soil. The analysis was run on the same 10 day scheme since it is generally the irrigation scheme involved with the Simpson place.

MICROFILMED

OCT 27 1994

irrigates these lands. The W61 soil justifies 0.37 cfs & the B61 soil justifies 0.87 cfs.

Similarly the Carstensen place being under the lower ditch consists of 37 Ac. of W61 & 38 Ac. of B61 for a total of 75 Ac under the lower ditch. On 9/21/93 I met Jim Bennetts (Attorney), Carroll Rowland (Irrigator) & Wayne Baker (?) on the Carstensen place (Old Williams Place). Mr. Rowland indicated it took 3 to 4 wks to rotate the water over the reach using 24 hr sets. I used 21 days in the analysis and found the W61 soil under the lower ditch justified 2.11 cfs & the B61 soil under the lower ditch justifies 1.73 cfs for a total of 3.84 cfs for the 75 Acres.

At the time of our meeting I informed Mr. Bennett of my measurements from the ditches from the river and we discussed the filings as they were at that time recorded.

Mr. Bennetts amended the claim upward to cover excess flows.

MICROFILMED

To resolve expected ditch loss as mentioned
a "C" value of 3.0 was used and to

attached sheet indicates.

Summary

	<u>IR</u>	<u>Convey</u>	<u>Total</u>
Simpson	16.59	1.20	17.79
USFS	1.24	0.18	1.42
Crustensen (Lower Ditch)	3.84	0.71	4.55

At the time of this writing USFS has been informed of these calculations & a number assigned for their filing but it has not been lodged yet. (A71-10766)

MICROFILMED

OCT 27 1974

Lower
Ditch

CONVEYANCE LOSS - WORSTELL

AGENT -----ADM
DATE -----16-Feb-94
CONVEYANCE OR
SOURCE NAME ----SALMON RIVER
RELATED CLAIMS -SIMPSON, USFS, CARSTENSEN

P/D T8N, R14E Sec 5
SW SENE

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	4125	10.0	3.00	1.56	16.59	21.67	0.0721	1.20	23.75
2	2000	5.0	3.00	0.38	1.24	5.08	0.0746	0.18	5.60
3	750	5.0	3.00	0.14	3.84	3.84	0.0370	0.71	3.98
4				0.00		0.00	0.0000	0.00	-0.00
5				0.00		0.00	0.0000	0.00	-0.00
6				0.00		0.00	0.0000	0.00	-0.00
7				0.00		0.00	0.0000	0.00	-0.00
8				0.00		0.00	0.0000	0.00	-0.00
9				0.00		0.00	0.0000	0.00	-0.00
10				0.00		0.00	0.0000	0.00	-0.00
11				0.00		0.00	0.0000	0.00	-0.00
12				0.00		0.00	0.0000	0.00	-0.00
13				0.00		0.00	0.0000	0.00	-0.00
14				0.00		0.00	0.0000	0.00	-0.00
15				0.00		0.00	0.0000	0.00	-0.00
16				0.00		0.00	0.0000	0.00	-0.00
17				0.00		0.00	0.0000	0.00	-0.00
18				0.00		0.00	0.0000	0.00	-0.00
19				0.00		0.00	0.0000	0.00	-0.00
20				0.00		0.00	0.0000	0.00	-0.00
TOTALS	6875			2.08	21.67			2.08	

REACH = SECTION OF CHANNEL
LENGTH = LENGTH OF REACH, THE CHANNEL CAN BE DIVIDED INTO EQUAL LENGTH REACHES
OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS
AVE WIDTH = AVERAGE TOP WIDTH OF REACH
SEEPAGE = SOIL SEEPAGE RATE OF REACH
WORSTELL LOSS = CONVEYANCE LOSS IN REACH BASED ON WORSTELL METHOD
DELIVERY = TOTAL DELIVERIES IN REACH
DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)
LOSS FACTOR = WORSTELL LOSS/DELIVERY LEFT
DELIVERY LOSS = SUM(LOSS FACTORS OF CURRENT AND PREVIOUS REACHES) X DELIVERY,
REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH

	<u>IR</u>	<u>Convey</u>	<u>Total</u>
Simpson	16.59	1.20	17.79
USFS	1.24	0.18	1.42
Lower Ditch → Carstensen	3.84	0.71	4.55

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: CARSTENSEN *Lower*
By: ADM

Location: WG1 37AC 21DAY
Date: Feb 16, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=4.00
Slope (S)= 0.0150 ft/ft Border width (W)= 64 ft
Net application (Fn)= 0.67 inches Border length (L)= 400 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
2.10	Gross depth is less than required gross application depth					
2.11	0.033	28.48	27.79	0.03	2.4	
2.12	0.033	28.62	27.79	0.16	2.3	
2.13	0.033	28.75	27.79	0.30	2.3	
2.14	0.033	28.89	27.79	0.43	2.3	
2.15	0.034	29.02	27.79	0.57	2.3	
2.16	0.034	29.16	27.79	0.70	2.3	
2.17	0.034	29.29	27.79	0.84	2.3	
2.18	0.034	29.43	27.79	0.97	2.3	
2.19	0.034	29.56	27.79	1.11	2.3	
2.20	0.034	29.70	27.79	1.24	2.3	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: CARSTENSEN
By: ADM

Lower

Location: BG1 38AC 21DAY
Date: Feb 16, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0150 ft/ft Border width (W)= 66 ft
Net application (Fn)= 1.32 inches Border length (L)= 400 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
1.70	Gross depth is less than required gross application depth					
1.71	Gross depth is less than required gross application depth					
1.72	Gross depth is less than required gross application depth					
1.73	0.026	22.65	21.24	0.08	5.8	
1.74	0.026	22.78	21.24	0.21	5.8	
1.75	0.027	22.91	21.24	0.34	5.8	
1.76	0.027	23.04	21.24	0.48	5.7	
1.77	0.027	23.17	21.24	0.61	5.7	
1.78	0.027	23.30	21.24	0.74	5.7	
1.79	0.027	23.43	21.24	0.87	5.6	
1.80	0.027	23.56	21.24	1.00	5.6	

MICROFILMED

OCT 27 1994

8/24/63

NAME OF STREAM OR DITCH SIMPSON/WILLIAMS DITCH FROM SALMON RIVER
LOCATION ----- BELOW FISH SCREEN
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 ----- = 2
FOLLOWING THE LAST ENTRY IN:
"DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE -----
AGENT CONDUCTING MEASUREMENT -----
ACCOMPANIED BY -----
PREMEASUREMENT SPIN TEST (MIN/SEC) ---
POST MEASUREMENT SPIN TEST (MIN/SEC) -

ADM
JOHN SIMPSON

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 MEASUREMENT TIME/SEC	2ND MEASUREMENT TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
1.80			1.02	0.51	10	25.7		0.25	0.128	0.87		0.43	0.06
2.30			1.31		15	36.2		0.60	0.612	0.92		0.87	0.53
3.00			1.51		15	27.5		0.85	1.114	1.21		0.92	1.03
4.00			1.63		15	29.2		1.00	1.510	1.14		1.21	1.83
5.00			1.71		20	33.7		1.00	1.630	1.31		1.31	2.25
6.00			1.85		20	31.2		1.00	1.710	1.42		1.42	2.62
7.00			1.90		20	31.7		1.00	1.850	1.40		1.40	2.65
8.00			1.93		20	30.8		1.00	1.900	1.44		1.44	2.77
9.00			2.00		20	24.6		1.00	1.930	1.79		1.79	3.58
10.00			1.95		20	27.2		1.00	2.000	1.62		1.62	3.16
11.00			1.80		20	31.6		1.00	1.950	1.40		1.40	2.52
12.00			1.50		15	34.1		1.00	1.800	0.98		0.98	1.47
13.00			0.57		1	14.1		1.00	1.500	0.17		0.17	0.07
14.00				0.29				0.70	0.399			0.09	0.00
14.40								0.20	0.057				
END													26.40

5-41

6/28 34.4
7/27 36.4
8/30 26.7

7/25/55 33.0

MICROFILMED
OCT 27 1994

NAME OF STREAM OR DITCH ----- SIMPSON/WILLIAMS DITCH FROM SALMON RIVER
 LOCATION ----- ABOVE SPLIT
 PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
 BASIS OF VELOCITY CALCULATIONS ----- 1
 IF YOU ARE USING A PYGMY METER ENTER ----- 2
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- = 2

FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE -----
 AGENT CONDUCTING MEASUREMENT -----
 ACCOMPANIED BY -----
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

ADM
 JOHN SIMPSON

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
					1ST MEASUREMENT TIME/SEC	2ND MEASUREMENT TIME/SEC			1ST VELOCITY	2ND VELOCITY	MEAN VELOCITY	
1.00				0.55			0.25	0.138	1.57		0.78	0.11
1.50		1.10			20	28.2	0.50	0.550	1.57		1.57	0.86
2.00		1.20			20	23.0	0.75	0.900	1.92		1.92	1.72
3.00		1.21			30	18.5	1.00	1.210	3.55		3.55	4.29
4.00		1.13			40	22.0	1.00	1.130	3.98		3.98	4.49
5.00		1.02			40	24.6	1.00	1.020	3.56		3.56	3.63
6.00		1.11			40	26.4	1.00	1.110	3.32		3.32	3.68
7.00		1.05			40	25.6	1.00	1.050	3.42		3.42	3.59
8.00		1.12			40	36.5	1.00	1.120	2.41		2.41	2.70
9.00		1.00			40	35.2	0.75	0.750	2.50		2.50	1.87
9.50		0.95			10	30.7	0.55	0.523	0.73		0.73	0.38
10.10				0.48			0.30	0.143			0.37	0.05
END												
												27.39

FILED
 OCT 27 1994

NAME OF STREAM OR DITCH SIMPSON/WILLIAMS DITCH FROM SALMON RIVER
 LOCATION ----- WILLIAMS SPLIT
 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 ---- = 2
 FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE -----
 AGENT CONDUCTING MEASUREMENT -----
 ACCOMPANIED BY -----
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

ADM
 JOHN SIMPSON

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	
		1.00	0.85	0.43	20	30.5		0.25	0.106	1.45		0.72	0.08
		1.50	0.89		20	25.4		0.50	0.425	1.74		1.45	0.62
		2.00	0.85		20	19.0		0.50	0.425	2.31		1.74	0.77
		2.50	0.91		20	17.0		0.50	0.455	2.58		2.31	0.98
		3.00	0.92		20	19.3		0.50	0.460	2.28		2.58	1.18
		3.50	0.92		20	19.6		0.50	0.460	2.24		2.28	1.05
		4.00	0.91		20	23.2		0.50	0.455	1.90		2.24	1.03
		4.50	0.90		20	25.7		0.50	0.450	1.72		1.90	0.86
		5.00	0.90		20	31.5		0.50	0.450	1.40		1.72	0.77
		5.50	0.90		20	43.0		0.50	0.450	1.03		1.40	0.63
		6.00	0.90		20			0.25	0.113			1.03	0.47
		6.50		0.45								0.52	0.06
END													
													8.50

MICROFILMED

OCT 27 1994

Excess Flow Evaluation

A71-10767 - Furey

3/22/94 by ADM

A71-10764) Humphrey/Day
A71-02085B)A71-04037) Carstensen
A71-02063)

This evaluation is for the ditch diverting from the Salmon River within the SENESE Sec 8 T8N, R14E, serving the above identified claims as well as A71-02004A (Mueller) & A71-02004B (Jensen). The latter two do not at this time claim more than the proportionate share of an old license which would require the excess analysis.

On 7/2/93 I met Jack Furey and we measured the ditch @ the fish screen and found 20.51 cfs being diverted.

Evaluation of the Carstensen place finds that 50 acres is solely under this ditch and by using the Hubble Wild Flooding procedure this 50 acres justifies $(1.73 + 0.63 + 0.07) \times 2.7$ for irrigation requirement. 2.43 cfs. The lands not solely served by this ditch but which

POOR ORIGINAL

could be served by this ditch were analysed under the ditch which diverts from the Salmon River within SWSENE Sec 5 T8N R14E. These extra 75 acres justify 3.84 CR (See 2/24/98 Evaluation). As a practical matter these acres can be served by this ditch diverted in sec 8 but I am keeping the evaluation of the lands separate then in my recommendation I intend to lump the lands together & list both points of diversion.

The Humphreys/Dry place was similarly analysed using the Hubble Wild Flooding procedure. On 7/27/93 I met Fred Humphreys & his irrigator Darrell Holloway and went over his claims. Darrell described the setting of the water and the rotation period. They indicated that the lower portion of the ranch was solely irrigated from the Salmon River and the upper portion from Fisher CK / 4th of July CK. We discussed the fact that the Salmon River claim was only for 1/2 acre and that my observed diversion rate for the ditch would indicate that they were using more. We

MICROFILMED
OCT 27 1994

discussed them filing for more water. This filing finally came to fruition on 3/21/94 by filing of claim A71-10764. I have determined that 47.5 acres receive water from the Salmon River. These are are of a common B61 type soil. The Hubble analysis justifies 3.22 cfs for the 47.5 Acres.

On 7/2/93 I met Jack Furey for review of his claims. He indicated that Marilyn Mueller irrigates his "Thousand Springs Ranch" and she could describe how she does it. On 7/23/93 I talked with Marilyn on the phone and she indicated that she turns the water 2 times per day and in a season irrigates about 7 times. She indicates that sometimes she gets back over the same spot within 14 days. She indicated on her own property she gets back on it within 6 days. She indicated that she uses the ditch from the Salmon River as well as her neighbor uses the same ditch instead of the water from Fisher CK. She indicated that this trade in source occurred about 18 years ago when Morgan Williams

allowed them to use the ditch.
Morgan William's is the predecessor to
Cristensen. This was done since it
was difficult to get the 4th of July
CK water down thru the long ditch
and the ditch from the Salmon River
was so handy.

Based on the information from Gus
Meuller and from the field investigation
and Hubble analysis for the Furey "Thousand
Springs" place the land that can be irrigated
from the Salmon River consists of
three soil types and in total justify
5.46 cfs for irrigation of 48 acres.
These same acres except for 4 within
the SWNW sec 9 can also be watered from
waters from 4th of July Creek.

Conveyance losses were split between
the various users as documented on
the attached L123 worksheet.

MICROFILMED

OCT 27 1994

P/D from Salmon River

SENESE Sec 8 T8N, R14E

CONVEYANCE LOSS - WORSTELL

AGENT -----ADM
DATE -----28-Mar-94
CONVEYANCE OR
SOURCE NAME ----SALMON RIVER
RELATED CLAIMS -CARSTENSEN, HUMPHREY/DAY, FUREY, MEULLER, JENSEN

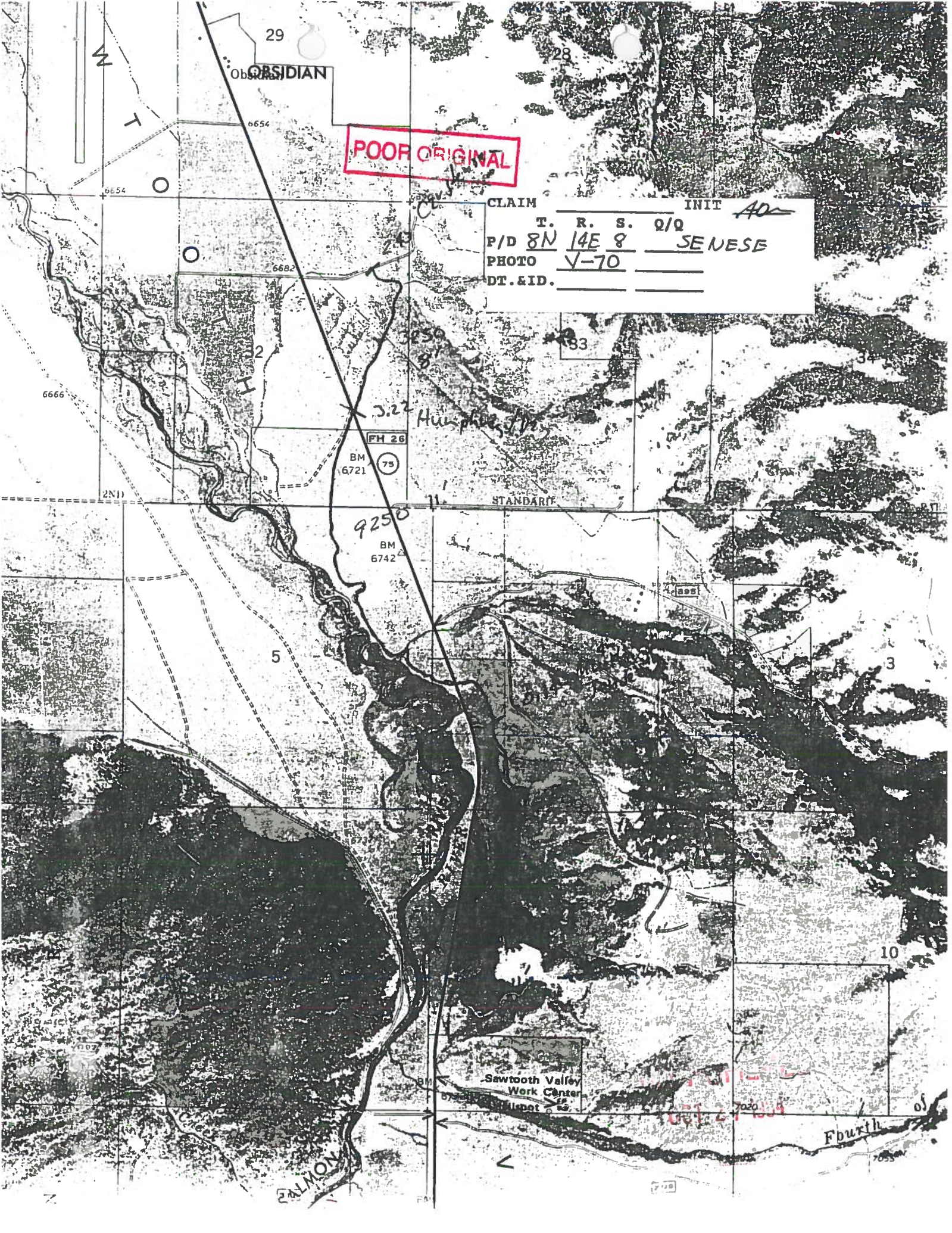
POOR ORIGINAL

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	1500	11.0	3.00	0.63	5.46	11.25	0.0556	0.30	18.80
2	5000	11.0	3.00	2.08	0.14	5.79	0.3600	0.06	12.72
3	9250	11.0	3.00	3.86	3.22	5.65	0.6825	3.54	10.49
4	3250	8.0	3.00	0.99	2.43	2.43	0.4055	3.65	3.42
5				0.00		0.00	0.0000	0.00	-0.00
6				0.00		0.00	0.0000	0.00	-0.00
7				0.00		0.00	0.0000	0.00	-0.00
8				0.00		0.00	0.0000	0.00	-0.00
9				0.00		0.00	0.0000	0.00	-0.00
10				0.00		0.00	0.0000	0.00	-0.00
11				0.00		0.00	0.0000	0.00	-0.00
12				0.00		0.00	0.0000	0.00	-0.00
13				0.00		0.00	0.0000	0.00	-0.00
14				0.00		0.00	0.0000	0.00	-0.00
15				0.00		0.00	0.0000	0.00	-0.00
16				0.00		0.00	0.0000	0.00	-0.00
17				0.00		0.00	0.0000	0.00	-0.00
18				0.00		0.00	0.0000	0.00	-0.00
19				0.00		0.00	0.0000	0.00	-0.00
20				0.00		0.00	0.0000	0.00	-0.00
TOTALS	19000			7.55	11.25			7.55	

REACH = SECTION OF CHANNEL
LENGTH = LENGTH OF REACH, THE CHANNEL CAN BE DIVIDED INTO EQUAL LENGTH REACHES
OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS
AVE WIDTH = AVERAGE TOP WIDTH OF REACH
SEEPAGE = SOIL SEEPAGE RATE OF REACH
WORSTELL LOSS = CONVEYANCE LOSS IN REACH BASED ON WORSTELL METHOD
DELIVERY = TOTAL DELIVERIES IN REACH
DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)
LOSS FACTOR = WORSTELL LOSS/DELIVERY LEFT
DELIVERY LOSS = SUM(LOSS FACTORS OF CURRENT AND PREVIOUS REACHES) X DELIVERY,
REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH

	<u>IR</u>	<u>Conveyance</u>	<u>Total</u>
Furey	5.46	0.36	5.82
Jensen	0.04	↑	0.04
Mueller	0.10	↑	0.10
Humphreys/Day	3.22	3.54	6.76
Carstensen	2.43	3.65	6.08

MICROFILMED
OCT 27 1994



POOR ORIGINAL

CLAIM	INIT	AD
T. R. S. Q/Q		
P/D 8N 14E 8		SENESE
PHOTO V-70		
DT. & ID.		

OBSIDIAN

Humphreys

Sawtooth Valley Work Center

Fbaurh

SALMON

BM 6721

BM 6742

FH 26

9250

5

10

32

33

34

29

28

1

1

0

0

6654

6654

6666

2ND

STANDARD

1000

3

710

```

NAME OF STREAM OR DITCH      SALMON RIVER
LOCATION -----              BELOW FISH SCREEN
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 ---- = 2

```

FOLLOWING THE LAST ENTRY IN:

"DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE -----
 AGENT CONDUCTING MEASUREMENT -----
 ACCOMPANIED BY -----
 PREMEASUREMENT SPIN TEST (MIN/SEC) -----
 POST MEASUREMENT SPIN TEST (MIN/SEC) -----

FUREY & OTHERS
ADM
JACK FUREY

[illegible]

END

20.51

GRADED BORDER EVALUATION

Job name: CARSTENSEN *Upper*
By: ADM

Location: BG1 38AC 21DAY
Date: Feb 16, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0150 ft/ft Border width (W)= 66 ft
Net application (Fn)= 1.32 inches Border length (L)= 400 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
1.70	Gross depth is less than required gross application depth					
1.71	Gross depth is less than required gross application depth					
1.72	Gross depth is less than required gross application depth					
1.73	0.026	22.65	21.24	0.08	5.8	
1.74	0.026	22.78	21.24	0.21	5.8	
1.75	0.027	22.91	21.24	0.34	5.8	
1.76	0.027	23.04	21.24	0.48	5.7	
1.77	0.027	23.17	21.24	0.61	5.7	
1.78	0.027	23.30	21.24	0.74	5.7	
1.79	0.027	23.43	21.24	0.87	5.6	
1.80	0.027	23.56	21.24	1.00	5.6	

MICROFILMED

OCT 27 1994

SOIL CHARACTERISTICS initials: ADM date: 06/25/93

Soil Type = BG1...VERY GRAVELLY LOAM
Source of Soils Data = SCS

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (inches) (ft)	AWC (inches)	intake family		AWC (ave)
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow	
0	4	0.08	0.11	5.1	6	2	4	1	1.14	3	0.7	1 0.095
4	13	0.08	0.11	5.6	6.5			2	2.06			5 0.095
13	30	0.05	0.1	5.6	6.5			3	2.63			14 0.075
30	60	0.01	0.03	5.6	6.5			4	2.87			31 0.02
								5	3.11	alternate method		61 0
										NA	NA	61 0
												61 0
												61 0
												61 0

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point	MAD (inches)
alfalfa (hay or seed)	5	0.5	1.56
corn (field or silage)	4	0.5	1.44
grain (winter or spring)	4	0.5	1.44
pasture (or grass hay)	3	0.5	1.32
other (enter below)			

Intake Family

choose base number for intake family from table below based on texture
base number (#'s 1 through 7) = 5

6 6

Intake Family

#	flood	furrow	texture
1	0.3	0.3	heavy clays, silty clay (> 60% clay)
2	0.5	0.35	clays, slit loam (lake laid), sandy clay
3	1	0.4	silty clay loam, clay loam, sandy clay loam, silt loam (stream laid)
4	1.5	0.5	silt loam (wind laid), loam, very fine sandy loam
5	2	0.55	sandy loam, fine sandy loam, gravelly loam
6	3	0.7	very fine sand, loamy sands, gravelly sandy loam
7	4	0.85	sand

If you wish to assign intake family by an alternate method (from Table A-3 in Hubble Report or other) enter your selection below.
Enter a value for both flood and furrow if known, otherwise enter zero.
If you do not wish to assign intake family by an alternate method enter zero for both values.

intake family (flood) = 0
intake family (furrow) = 0

Optimum rotation

$$\frac{1.32}{0.17} = 8 \text{ days}$$

MICROFILMED

OCT 27 1994

GRADED BORDER EVALUATION

Job name: CARSTENSEN *Upper*
By: ADM

Location: WG1 11AC 21DAY
Date: Feb 16, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=4.00
Slope (S)= 0.0150 ft/ft Border width (W)= 19 ft
Net application (Fn)= 0.67 inches Border length (L)= 400 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
0.60	Gross depth is less than required gross application depth					
0.61	Gross depth is less than required gross application depth					
0.62	Gross depth is less than required gross application depth					
0.63	0.033	28.65	27.79	0.19	2.3	
0.64	0.034	29.10	27.79	0.65	2.3	
0.65	0.034	29.56	27.79	1.10	2.3	
0.66	0.035	30.01	27.79	1.56	2.2	
0.67	0.035	30.47	27.79	2.01	2.2	
0.68	0.036	30.92	27.79	2.47	2.2	
0.69	0.036	31.38	27.79	2.92	2.1	

MICROFILMED
OCT 27 1994

SOIL CHARACTERISTICS initials: ADM date: 06/24/93

Soil Type = WG1...VERY GRAVELLY SANDY LOAM
Source of Soils Data = SCS

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)		intake family		AWC (ave)
lower	upper	lower	upper	lower	upper	lower	upper		flood	furrow	flood	furrow	
0	5	0.04	0.08	6.6	7.3	2	4	1	0.63	4	0.85	1	0.06
5	11	0.03	0.07	6.6	7.3			2	0.99			6	0.05
11	60	0.02	0.04	6.6	7.3			3	1.35			12	0.03
								4	1.71		alternate	61	0
								5	2.07		method	61	0
											NA	61	0
											NA	61	0
												61	0
												61	0
												61	0
												61	0

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point	MAD (inches)
alfalfa (hay or seed)	5	0.5	1.03
corn (field or silage)	4	0.5	0.85
grain (winter or spring)	4	0.5	0.85
pasture (or grass hay)	3	0.5	0.67
other (enter below)			

Intake Family

choose base number for intake family from table below based on texture
base number (#'s 1 through 7) = 6

7 7

Intake Family

#	flood	furrow	texture
1	0.3	0.3	heavy clays, silty clay (> 60% clay)
2	0.5	0.35	clays, slit loam (lake laid), sandy clay
3	1	0.4	silty clay loam, clay loam, sandy clay loam, silt loam (stream laid)
4	1.5	0.5	silt loam (wind laid), loam, very fine sandy loam
5	2	0.55	sandy loam, fine sandy loam, gravelly loam
6	3	0.7	very fine sand, loamy sands, gravelly sandy loam
7	4	0.85	sand

If you wish to assign intake family by an alternate method (from Table A-3 in Hubble Report or other) enter your selection below.
Enter a value for both flood and furrow if known, otherwise enter zero.
If you do not wish to assign intake family by an alternate method enter zero for both values.

intake family (flood) = 0
intake family (furrow) = 0

Optimum Rotation

$$\frac{0.67}{0.17} = 4 \text{ days}$$

MICROFILMED

OCT 27 1994

GRADED BORDER EVALUATION

Job name: CARSTENSEN

By: ADM

Location: LA4 1AC 21DAY

Date:

Upper

Roughness coefficient (n)= 0.250

Intake family (If)=4.00

Slope (S)= 0.0150 ft/ft

Border width (W)= 2 ft

Net application (Fn)= 1.06 inches

Border length (L)= 400 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
0.02	Gross depth is less than required	gross application depth				
0.03	Gross depth is less than required	gross application depth				
0.04	Gross depth is less than required	gross application depth				
0.05	Gross depth is less than required	gross application depth				
0.06	Gross depth is less than required	gross application depth				
0.07	0.035	30.24	27.40	1.78	3.5	
0.08	0.040	34.56	27.40	6.10	3.1	
0.09	0.045	38.88	27.40	10.42	2.7	(2)
0.10	0.050	43.20	27.40	14.74	2.5	(2)
0.11	0.055	47.52	27.40	19.06	2.2	(2)
0.12	0.060	51.84	27.40	23.38	2.0	(2)
0.13	0.065	56.16	27.40	27.70	1.9	(2)
0.14	0.070	60.48	27.40	32.02	1.8	(2)
0.15	0.075	64.80	27.40	36.34	1.6	(2)

(2) Erosive stream-- non-sod forming crops.

MICROFILMED

OCT 27 1994

SOIL CHARACTERISTICS initials: ADM date: 06/24/93

Soil Type = LA4...GRAVELLY SANDY LOAM
Source of Soils Data = SCS

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family		AWC (ave)	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow		
0	9	0.09	0.12	6.1	6.5	2	3	1	1.14	4	0.85	1	0.105
9	13	0.05	0.08	5.6	6.5			2	1.64			10	0.065
13	60	0.03	0.05	6.1	6.5			3	2.12			14	0.04
								4	2.60	alternate method		61	0
								5	3.08			61	0
										NA	NA	61	0
												61	0
												61	0
												61	0
												61	0

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point	MAD (inches)
alfalfa (hay or seed)	5	0.5	1.54
corn (field or silage)	4	0.5	1.30
grain (winter or spring)	4	0.5	1.30
pasture (or grass hay)	3	0.5	1.06
other (enter below)			

Intake Family

choose base number for intake family from table below based on texture
base number (#'s 1 through 7) = 6

7 7

Intake Family

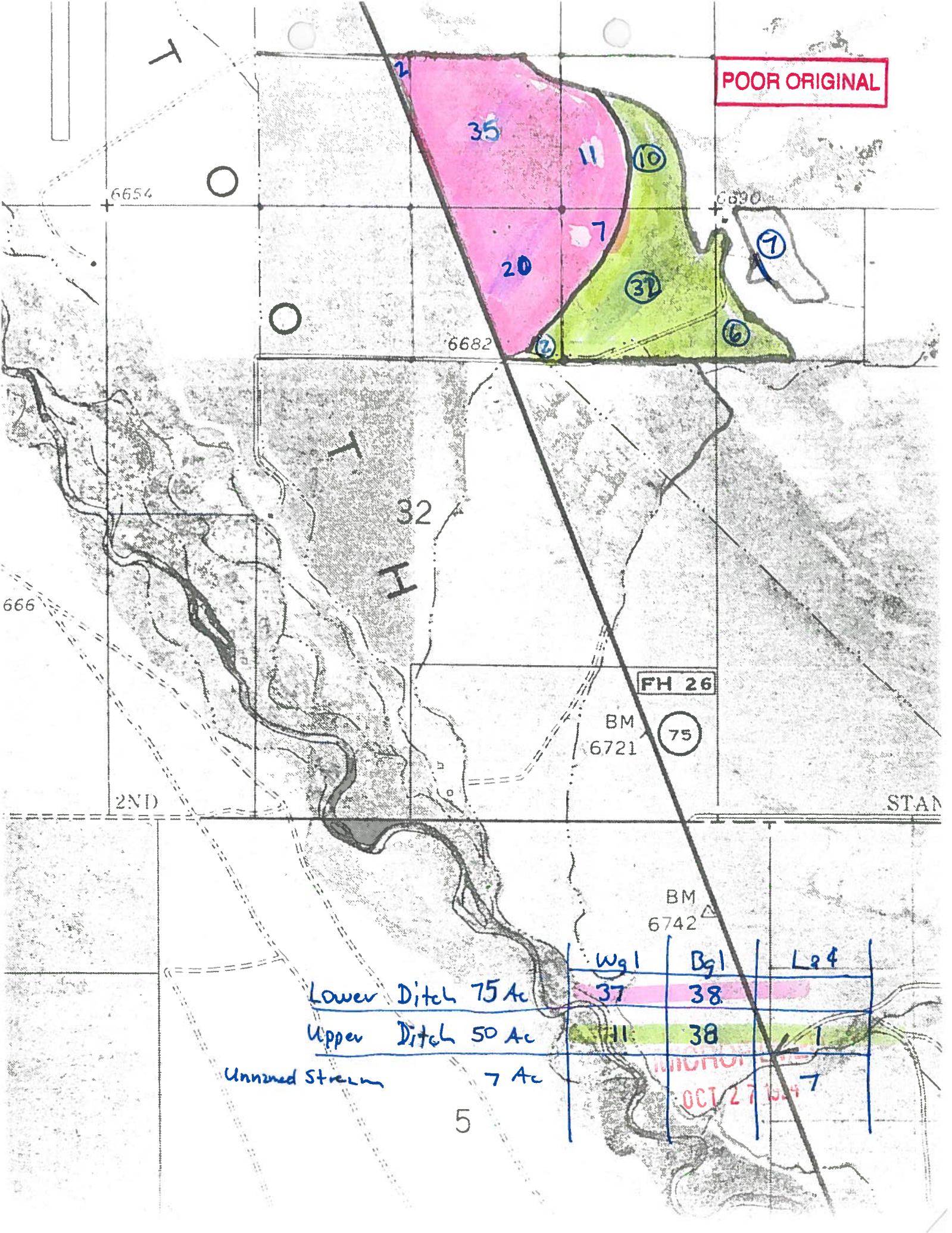
#	flood	furrow	texture
1	0.3	0.3	heavy clays, silty clay (> 60% clay)
2	0.5	0.35	clays, slit loam (lake laid), sandy clay
3	1	0.4	silty clay loam, clay loam, sandy clay loam, silt loam (stream laid)
4	1.5	0.5	silt loam (wind laid), loam, very fine sandy loam
5	2	0.55	sandy loam, fine sandy loam, gravelly loam
6	3	0.7	very fine sand, loamy sands, gravelly sandy loam
7	4	0.85	sand

If you wish to assign intake family by an alternate method (from Table A-3 in Hubble Report or other) enter your selection below.
Enter a value for both flood and furrow if known, otherwise enter zero.
If you do not wish to assign intake family by an alternate method enter zero for both values.

intake family (flood) = 0
intake family (furrow) = 0

MICROFILMED
OCT 27 1991

POOR ORIGINAL



Lower Ditch 75 Ac

Upper Ditch 50 Ac

Unmmed Stream

7 Ac

5

Wg1	Bg1	L24
37	38	
38	38	1
		7

BM 6742

BM 6721

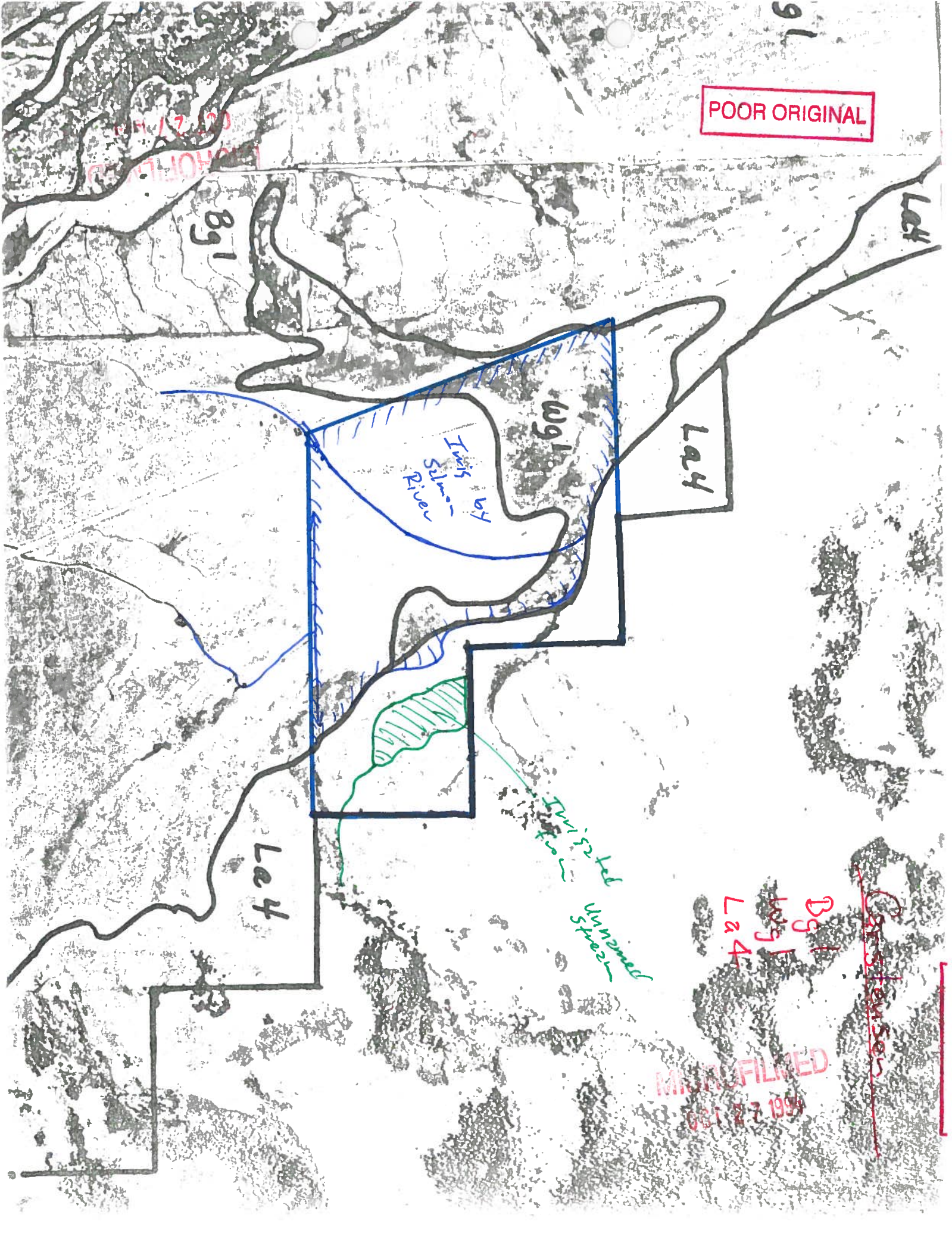
FH 26

2ND

STAN

OCT 27 1947

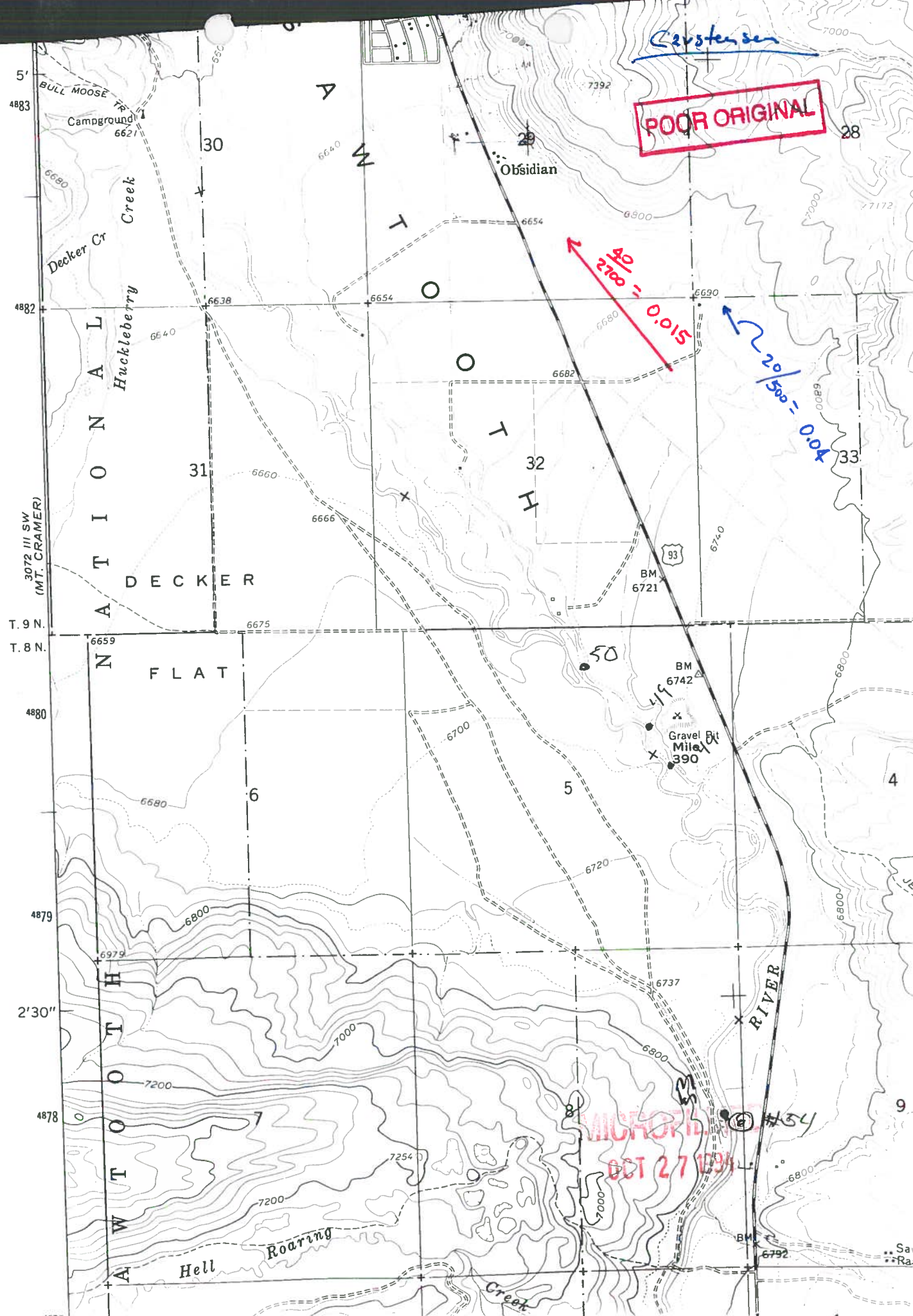
POOR ORIGINAL



MICROFILMED
OCT 27 1994

C. Stevenson

Bg1
L24
L24



POOR ORIGINAL

$\frac{40}{270} = 0.15$

$\frac{20}{500} = 0.04$

MICHOPIA
OCT 27 1991

Obsidian

Notes from
field review

POOR ORIGINAL

C-70
SAWTOOTH N.R.A.
70C

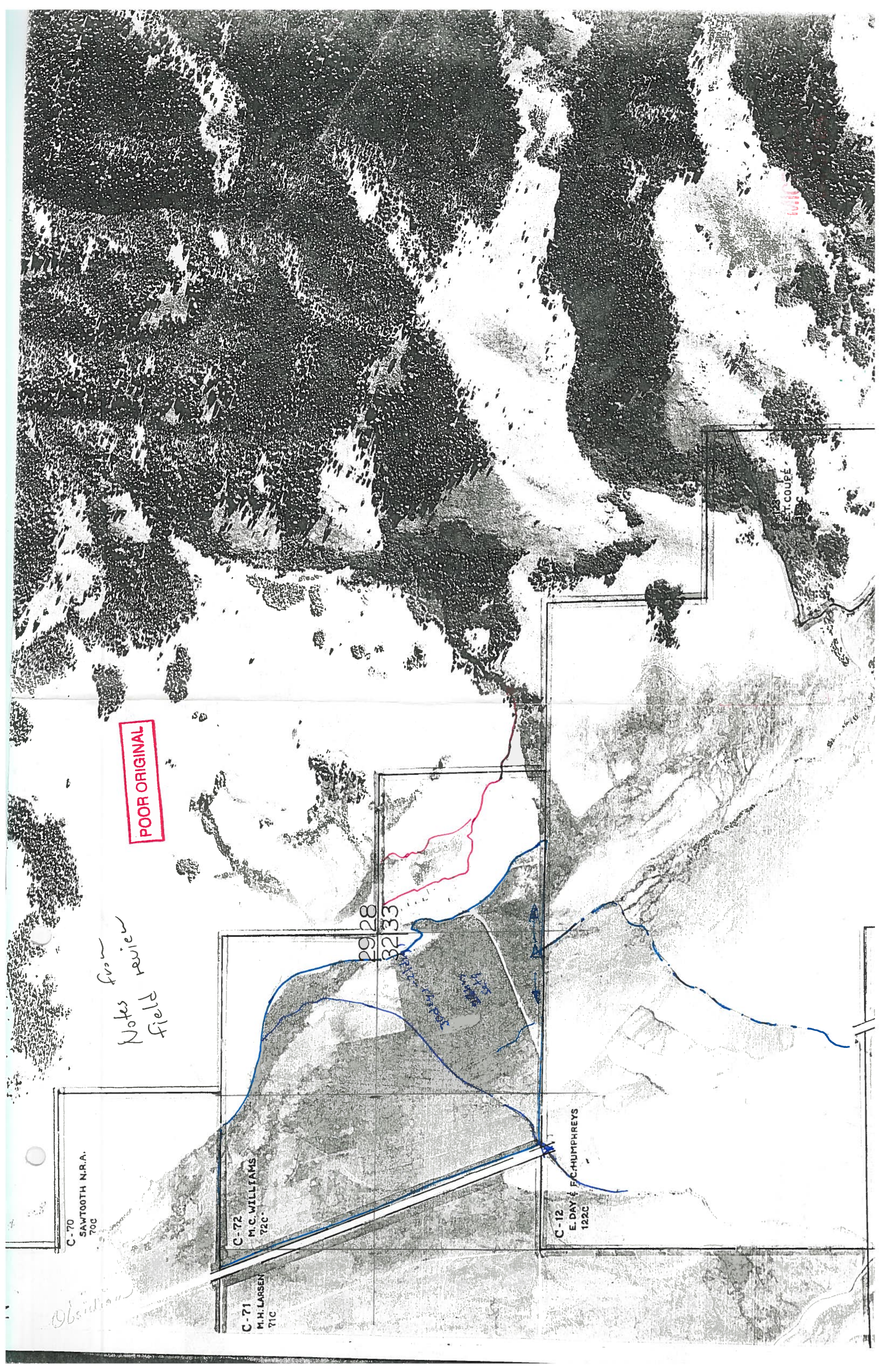
C-71
M.H. LARSEN
71C

C-72
M.C. WILLIAMS
72C

C-12
E. DAY & F.C. HUMPHREYS
122C

29 28
32 33

EST. COUPÉ



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

PAGE: 13
QUICKLOOK INFORMATION

CLAIM NUMBER: A71-04037

10:34:22
02/15/94

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 WHOM/DATE
PRIORITY DATE			ADW			ADW		
POINT OF DIV	Y			Y				
SOURCE								
PLACE OF USE	Y							
DIV. AMOUNT CFS/VOLUME	Y							
CONSUMPTIVE USE	-							
PURPOSES								
PERIOD OF USE								
BASIS OF CLAIM	Y							
REMARKS	Y							

"VERIFIED BY" CODES

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

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

MICROFILMED
OCT 27 1994

MICROFILMED
OCT 27 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

10:34:22
02/15/94

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A71-04037

LAST: CARSTENSEN III FIRST: HANS L
ADDRESS: 5320 W MERCER WAY
CITY: MERCER ISLAND STATE: WA ZIP: 98040
PHONE NUMBER: 206-236-2133
OWNER CODE: C

LAST: CARSTENSEN FIRST: MARY S
ADDRESS: 5320 W MERCER WAY
CITY: MERCER ISLAND STATE: WA ZIP: 98040
PHONE NUMBER: 206-236-2133

OWNER CODE: C

FIELD EXAM REQUIRED? DATABASE FIELD
VERIFICATION REQUIRED DUE TO REMARKS? Y EXAMINER

CLAIM REMARKS: THIS CLAIM IN COMBINATION WITH THE OLD LICENSE 71-02063 FOR
IRRIGATION OF 83 ACRES AT A RATE OF 1"/ACRE IS INTENDED TO
IRRIGATE A TOTAL OF 125 ACRES AT A RATE OF 5"/ACRE. THIS
RATE IS NECESSARY DUE TO THE GRAVELLY NATURE OF THE SOIL
AND THE HISTORICAL METHOD OF GRAVITY APPLICATION. ADDITIONALLY
THE TWO CANALS WHICH DELIVER WATER FROM THE SALMON RIVER
HAVE A LARGE SEEPAGE LOSS.

MICROFILMED
OCT 27 1994

CONTACT PERSON: Jim Bennett

PHONE NUMBER: () - -

DATE OF FIELD EXAM: 9/21/93

APPOINTMENT MADE: Y () N ()

TIME: : A () P ()

ACCOMPANIED BY: Jim Bennett

PHONE NUMBER: () - -

RELATIONSHIP TO CLAIMANT: Attorney

DIRECTIONS TO PROPERTY / NOTES:

On 9/21/93 I met Mr. Bennett with the investigator. We reviewed the claims and went over how the property was inventoried. We discussed possible excess flows and he indicated that he was going to send the claim upward to cover excess for historically used.

10-13-93 Received amended claim or handwritten modification of original claim from Bennett. I called him since it was not notarized. We discussed me completing a claim on the computer and using the zeros found during F.E. I drafted the amendment and sent it to Mr. Bennett.

11-1-93 Received Amended claim back,

RECORDED
001 27 1394

A. AJ CLAIM: # A71-04037 PRIORITY DATE: 10-05-1933 STAGE: J

B. WR RECORD: # 71-04037 PRIORITY DATE: 10-05-1933 STAGE: S

C. FIELD EXAM REQUIRED?
DUE TO PRIORITY DATE DISCREPANCY? (Y/N) N

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

NOTES:

Affidavit by Morgan Williams supports use of
letter on hand in addition to 71-02063 in 1930.

Recommend 10/5/1933 as claimed.

RECOMMENDED PRIORITY DATE:
10-05-1933

REVIEWED BY ADL DATE 3/28/94

MICROFILMED
OCT 27 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	LOT	CNTY	CUSTER
A71-04037	08N	14E	5			
A71-04037	08N	14E	8			

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A71-02063 R71-02063

WR RECORDS IN SAME 40 ACRE TRACT
71-02063
71-04005
71-04050

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	LOT	CNTY
71-04037	08N	14E	5		

OTHER WR RECORDS WITH SAME WR POD
AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
NONE NONE

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

C. FIELD EXAM REQUIRED?

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

NOTES:

Confirmed location of PODs by using ortho quad in field.

MICROFILMED
OCT 27 1994

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:		1/4		LOT	COUNTY	DIVERSION NAME
TWP.	RGE.	SEC.				
08N	14E	5	SW		Custer	
			SE		Custer	
			NE			
			SE			
SOURCE: SALMON RIVER			TRIB: SNAKE RIVER			
REVIEWED BY: <u>AD</u>			DATE: <u>3/28/94</u>			
SYSTEM DESCRIPTION:						

MICROFILMED
OCT 27 1994

A. ROOT WATER RIGHT NUMBERS:
A71-04037
R71-04037

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
09N	14E	29	SE	SW		CARSTENSEN III, HANS L	A71-04037 / 2.0	71-04037 / 2.0		2	39.0
			SE	SW		CARSTENSEN III, HANS L	R71-04037 / 2.0	-	/		
			SE	SW		SIMPSON, JOHN	R71-02082 / 40.0	71-02082 / 40.0			
			SE	SW		SIMPSON, JOHN	A71-02082 / 40.0	-	/		
			SE	SW		SIMPSON, JOHN	A71-04016 / 40.0	-	/		
09N	14E	29	SW	SE		CARSTENSEN III, HANS L	A71-04037 / 35.0	71-04037 / 35.0		35	34.0
			SW	SE		CARSTENSEN III, HANS L	R71-04037 / 35.0	-	/		
09N	14E	29	SE	SE		CARSTENSEN III, HANS L	A71-04037 / 21.0	-	/	21	38.0
			SE	SE		CARSTENSEN III, HANS L	R71-02063 / 35.0	71-02063 / 35.0			
			SE	SE		CARSTENSEN III, HANS L	A71-02063 / 35.0	-	/		
09N	14E	32	NE	NE		CARSTENSEN III, HANS L	A71-04037 / 39.0	-	/	39	39.0
			NE	NE		HUMPHREYS, FRED	A71-020858 / 36.0	-	/		
			NE	NE		HUMPHREYS, FRED	R71-020858 / 36.0	-	/		
			NE	NE		CARSTENSEN III, HANS L	A71-02063 / 40.0	71-02063 / 40.0			
			NE	NE		CARSTENSEN III, HANS L	R71-02063 / 40.0	-	/		
09N	14E	32	NW	NE		CARSTENSEN III, HANS L	A71-04037 / 22.0	71-04037 / 22.0		22	33.0
			NW	NE		CARSTENSEN III, HANS L	R71-04037 / 22.0	-	/		
			NW	NE		SIMPSON, JOHN	R71-02082 / 18.0	71-02082 / 18.0			
			NW	NE		SIMPSON, JOHN	A71-02082 / 18.0	-	/		
			NW	NE		SIMPSON, JOHN	A71-04016 / 18.0	-	/		
09N	14E	33	NW	NW		CARSTENSEN III, HANS L	A71-04037 / 6.0	-	/	6	31.0
			NW	NW		HUMPHREYS, FRED	A71-00035C / 20.0	-	/		
			NW	NW		CARSTENSEN III, HANS L	A71-04034 /	71-04034 / 20.0			
			NW	NW		CARSTENSEN III, HANS L	A71-10086 /	-	/		
			NW	NW		CARSTENSEN III, HANS L	R71-04034 / 25.0	-	/		
			NW	NW		CARSTENSEN III, HANS L	R71-10086 /	-	/		
			NW	NW		CARSTENSEN III, HANS L	A71-02063 / 8.0	71-02063 / 8.0			
			NW	NW		CARSTENSEN III, HANS L	R71-02063 / 8.0	-	/		
TOTAL ACRES						A71-04037	125.00	59.00	214.00		

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

C. FIELD EXAM REQUIRED? DATABASE FIELD EXAMINER POU COUNTY: CUSTER
DUE TO POU DISCREPANCY? (Y/N) Y

MICROFILMED
OCT 27 1994

PRESUMPTION FLAG:

NOTES:

Lic 71-02063 for 83 Acres used
within this same 125 Ac place of use.

RECOMMENDATIONS:

TOTAL ACRES: 125

REVIEWED BY: *APM*

DATE: 3/28/98

MICROFILMED
OCT 27 1994

A. AJ CLAIMED USES:

PURPOSES
A71-04037 IRRIGATION

MONTH/DAY
FROM 05-01 TO 09-30

DIVERSION QUANTITY
10.840 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

10.840 CFS

B. WR RECORDED USES:

PURPOSES
71-04037 IRRIGATION

MONTH/DAY
FROM 05-01 TO 09-30

DIVERSION QUANTITY
2.360 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

2.360 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

NOTES:

Y (☒) N (☐)
Y (☐) N (☒)

Explain in notes, below.

MICROFILMED
OCT 27 1991

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

AJ TOTAL CLAIMED DIVERSION RATE: 10.840 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 2.360 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. **

mandated for excess flow

FLOW MEASUREMENT REQUIRED?

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

B.

MEASUREMENT METHOD FLOW MEASUREMENT , SEE ATTACHED CALCULATIONS.

See measurement of excess cultivation for both ditches

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

OTHER RIGHTS LISTED IN CLAIM: 71-02063

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A71-04037	SALMON RIVER	CARSTENSEN III, HANS L	10.840	0.086		
A71-00035C	FOURTH OF JULY CREEK	HUMPHREYS, FRED	3.000	0.020		
R71-02063	SALMON RIVER	CARSTENSEN III, HANS L	1.660	0.020		
A71-02063	SALMON RIVER	CARSTENSEN III, HANS L	1.660	0.020		
R71-02082	SALMON RIVER	SIMPSON, JOHN	2.520	0.020		
A71-02082	SALMON RIVER	SIMPSON, JOHN	2.520	0.020		
R71-02085B	SALMON RIVER	HUMPHREYS, FRED	1.140	0.020		
A71-02085B	SALMON RIVER	HUMPHREYS, FRED	1.140	0.020		
A71-04016	SALMON RIVER	SIMPSON, JOHN	22.000	0.121		
A71-04034	UNNAMED STREAM	CARSTENSEN III, HANS L	0.800	0.032		
R71-04034	UNNAMED STREAM	CARSTENSEN III, HANS L	0.800	0.032		
R71-04037	SALMON RIVER	CARSTENSEN III, HANS L	2.360	0.040		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A71-04034	STOCKWATER	CARSTENSEN III, HANS L	FROM 01-01 TO 12-31	.030 CFS	

RECORDED
27 1994

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A71-10086	DOMESTIC	CARSTENSEN III, HANS L	FROM 01-01 TO 12-31	.040 CFS	
R71-04034	STOCKWATER	CARSTENSEN III, HANS L	FROM 01-01 TO 12-31	.030 CFS	
R71-10086	DOMESTIC	CARSTENSEN III, HANS L	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)

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE?

Y() N()

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

1b. CALCULATIONS

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 250.0 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.)

125 Ac PPU
combined with

71-02063,

Cons. Use limit is

125 x 2 = 250 AF/A_{ann.}

MICROFILMED
OCT 27 1994

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	EXAMINER	REC. DIV VOL. AF/A	EXAMINER	REC. CONS. USE	EXAMINER
	FROM	TO						
IRRIGATION	05-01	09-30						
TOTAL FOR THIS RIGHT								

REVIEWED BY: ADP

DATE: 3/28/94

Combined with
limit
71-02063

RECEIVED
OCT 27 1994

Excess flow evaluation

	IR	Conv.	Total
Upper ditch	2.43	3.65	6.08
Lower ditch	3.84	0.71	4.55
			10.63

Recommended 1.66 for 71-02063
This claim $(10.63 - 1.66) = 8.97$ cfs
of this $(3.65 + 0.71) = 4.36$ is conveyance loss.

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED
AS CLAIMED ☒
()
()
()
NEEDS
REVIEW ☐
()
()
()

see attached evaluation

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-04037
TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
2.360

EXAMINER

CFS

N/A

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

A71-04037

10.840

R71-04037

2.360

71-04037

2.360

TOTAL CFS

10.840

2.360

2.360

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
N

FIELD
EXAMINER

NOTES:

AUTHENTICATION:

SIGNATURE: _____

DATE: _____

NAME OF FIELD EXAMINER: _____

TITLE: _____

MICROFILMED
OCT 27 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

10:40:19
02/15/94
14

PAGE: 14
PROFILE REPORT

CLAIM NUMBER: A71-04037

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	HANS L CARSTENSEN III	10/05/1933	IRRIGATION	05-01 09-30	10.84 CFS	
C	MARY S CARSTENSEN					
	5320 W MERCER WAY					
	MERCER ISLAND WA 98040					
	(206) 236-2133					
				TOTAL DIVERSION:	10.84 CFS	250.00 AFA
				CONSUMPTIVE USE:		

Water Source: SALMON RIVER

Tributary to: SNAKE RIVER

Stage: BENEFICIAL USE

Points) of Diversion: T08N R14E S05 S08

NESWNE
SESENE

CUSTER County
CUSTER County

Place of use Legal Description for: IRRIGATION

NE	NW	SW	SE	SUM
T R S : Lt Ac Lt Ac Lt Ac Lt Ac	NE NW NE NW NE NW	SE NW : Lt Ac Lt Ac Lt Ac	NE SW NW SW NW SW	SE SE : Lt Ac Lt Ac Lt Ac
09N 14E 29 :	39	22	06	02
09N 14E 32 :				
09N 14E 33 :				
TOTAL ACRES	35	21		58.0
				61.0
				6.0
				125.0

POU County: CUSTER

Other Rights: 71-02063

Remarks: THIS CLAIM IN COMBINATION WITH THE OLD LICENSE 71-02063 FOR IRRIGATION OF 83 ACRES AT A RATE OF 1"/ACRE IS INTENDED TO IRRIGATE A TOTAL OF 125 ACRES AT A RATE OF 5"/ACRE. THIS RATE IS NECESSARY DUE TO THE GRAVELLY NATURE OF THE SOIL AND THE HISTORICAL METHOD OF GRAVITY APPLICATION. ADDITIONALLY THE TWO CANALS WHICH DELIVER WATER FROM THE SALMON RIVER HAVE A LARGE SEEPAGE LOSS.

Dates: Exam Made Date: Verified Date:
Misc: Water District Number: Field Inspection Flag:
Presumption Flag:

MICROFILMED
OCT 27 1994