

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: **A71-10766**
Date Received: 4/18/1994
Receipt No: X111111
Received By: _____

**COPY FOR
YOUR FILES**

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

**COPY FOR
YOUR FILES**

1. Name: UNITED STATES OF AMERICA ACTING THROUGH 801-625-5360
Address: USDA FOREST SERVICE
324 25 STREET
OGDEN UT 84401-2394

2. Date of Priority: MAY 1, 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	SW	SE	NE		CUSTER

5. Description of diverting works:
DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	05/01	09/30	1.420		

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

8. Total consumptive use is 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	32	SW	NE		IRR	12.0

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OCT 28 1994

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	12.0
					Total Acres	12.0

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:

TRACT MAY BE IRRIGATED BY 71-00028, 71-00029, 71-02085.

14. Remarks:

FOREST SERVICE RECORD ID = 04 14 17060201 49 0 0045
0.18 CFS OF FLOW IS FOR DITCH LOSS; 10 DAY ROTATION. SUBDIVIDED
TRACT WITH ALL INDIVIDUAL LOTS ACQUIRED "WITH APPURTENANT WATER
RIGHTS".

15. Basis of Claim: BENEFICIAL USE

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OCT 28 1994

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 A 71-10766
Date Received _____
Receipt Number _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: UNITED STATES OF AMERICA (USDA Forest Service)
Address: 324 25th Street Phone (801) 625-5360
Ogden, Utah, 84401

2. Date of Priority: 1933

3. Source of water supply: Salmon River Trib. To: Snake River

4. Location of Point of Diversion:

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Tract</u>	<u>Gov't Lot</u>	<u>County</u>
8N	14E	5	SWSENE		Custer

5. Description of Diversion Works: Ditch

6. Water is used for the following purposes:

<u>Purpose</u>	<u>From</u>	<u>To</u>	<u>C.F.S.</u>	<u>AFA</u>	<u>Well Depth</u>
Irrigation	5/1	9/30	1.42		

7. Total quantity appropriated is: 1.42 CFS

8. Total consumptive use is:

9. Non-irrigation uses: Livestock Numbers:

10. Place of Use:

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Tract</u>	<u>Gov't</u>	<u>Acres</u>
9N	14E	32	SWNE		12

Purpose of Use: Irrigation Acres Irrigated: 12

11. Place of use in Counties: Custer

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

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OCT 28 1994

13. Other Water Rights Used: Tract may also be irrigated by 71-00028, 71-00029, 71-02085.

14. Remarks: .18 CFS of flow is for ditch loss; 10 day rotation. Subdivided tract with all individual lots acquired "with appurtenant water rights".

15. Basis of Claim: Beneficial Use

Reference Information:

National Forest: Sawtooth

Forest Service Record ID: 04 14 17060201 49 0 0045

IDWR Water State Filing No.: A71-10766

Notice is hereby given that the United States Department of Justice will represent the Department of Agriculture, Forest Service, in all matters pertaining to the Snake River Basin Adjudication. All notices required by law to be mailed by the Director to the Claimant should be mailed to the individuals at the address below:

K. Jack Haugrud
Daria J. Zane
U.S. Department of Justice
Environment and Natural Resources Division
550 W. Fort Street, Box 33
Boise, ID 83724

This form is an attachment to a letter forwarding the claims of the U.S. Department of Agriculture, Forest Service. The signature and affirmation on such letter constitutes the signature of the authorized agent representing the United States of America required for each such claim.

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OCT 28 1994

United States
Department of
Agriculture

RECEIVED

RECEIVED
MAY 05 1994

Department of Water Resources
Adjudication Team
380 E. Parkcenter Blvd.
Suite 330
Boise, ID 83706

MAY 09 1994

Dep. of Water Resources
Southern Region Office

Reply To: 2540
Date: May 3, 1994

Mr. Dave Shaw
Adjudication Bureau Chief
State of Idaho
1301 N. Orchard
Boise, ID 83705

RECEIVED

MAY 09 1994

Department of Water Resources
Southern Region Office

Dear Mr. Shaw:

Enclosed are claims numbered A71-10772 and A71-10766. Allen Merritt called and explained that claim A71-10772 was inadvertently left out of the packet of claims sent to you on April 13, 1994. Claim A71-10766 was sent to you as an amended claim, when in fact it is a new claim. Please make the appropriate changes to these claims.

If you have any questions or need further information, please call contact Kathy Minor or Bob Kenworthy at (208) 387-0835. Thank you very much.

Sincerely,

Kathleen P. Minor

for

Gary Boyle
Water Rights Program Leader, Region 4

cc: Randy Bramer
Kathy Minor
Valdon Hancock

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OCT 28 1994

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 A 71-10766
Date Received 4-18-94
Receipt Number _____

AMENDED NOTICE OF CLAIM TO A WATER RIGHT **AMENDED**

ACQUIRED UNDER STATE LAW

1. Name: UNITED STATES OF AMERICA (USDA Forest Service)
Address: 324 25th Street Phone (801) 625-5360
Ogden, Utah, 84401

2. Date of Priority: 1933

3. Source of water supply: Salmon River Trib. To: Snake River

4. Location of Point of Diversion:

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Tract</u>	<u>Gov't Lot</u>	<u>County</u>
8N	14E	5	SWSENE		Custer

5. Description of Diversion Works: Ditch

6. Water is used for the following purposes:

<u>Purpose</u>	<u>From</u>	<u>To</u>	<u>C.F.S.</u>	<u>AFA</u>	<u>Well Depth</u>
Irrigation	5/1	9/30	1.42		

7. Total quantity appropriated is: 1.42 CFS

8. Total consumptive use is:

9. Non-irrigation uses: Livestock Numbers:

10. Place of Use:

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Tract</u>	<u>Gov't</u>	<u>Acres</u>
9N	14E	32	SWNE		12

Purpose of Use: Irrigation Acres Irrigated: 12

11. Place of use in Counties: Custer

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

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OCT 28 1994

13. Other Water Rights Used: Tract may also be irrigated by 71-00028, 71-00029, 71-02085.

14. Remarks: .18 CFS of flow is for ditch loss; 10 day rotation. Subdivided tract with all individual lots acquired "with appurtenant water rights".

15. Basis of Claim: Beneficial Use

Reference Information:

National Forest: Sawtooth

Forest Service Record ID: 04 14 17060201 49 0 0045

IDWR Water State Filing No.: A71-10766

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K. Jack Haugrud
Daria J. Zane
U.S. Department of Justice
Environment and Natural Resources Division
550 W. Fort Street, Box 33
Boise, ID 83724

This form is an attachment to a letter forwarding the claims of the U.S. Department of Agriculture, Forest Service. The signature and affirmation on such letter constitutes the signature of the authorized agent representing the United States of America required for each such claim.

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OCT 28 1994

United States
Department of
Agriculture

Forest
Service

Boise
Adjudication Team

380 E. Parkcenter Blvd.
Suite 330
Boise, ID 83706

Reply To: 2540
Date: April 13, 1994

Mr. Dave Shaw
Adjudication Bureau Chief
State of Idaho
1301 N. Orchard
Boise, ID 83705

RECEIVED
APR 18 1994
Department of Water Resources

Dear Mr. Shaw:

Enclosed are new claims numbered A71-10769 through A71-10773 and amended claims numbered A71-10729, A71-10725, A71-10728, A71-04036, A71-10766, and A71-02004. We would like to thank Allen Merritt for his assistance in preparing and amending these claims.

If you have any questions or need further information, please call contact Kathy Minor or Bob Kenworthy at (208) 387-0835. Thank you very much.

Sincerely,

Kathleen P. Minor

Kathleen P. Minor
Hydrologist, Boise Adjudication Team

*Not really amended;
this is the first time
they have claimed it.*

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OCT 28 1994

A10743NP
(00-124)

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

06/03/98 16:15:44
Page 1

Water Right Number - R71-10766

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
AMERICA ACTING THROUGH

UNITED STATES OF

1 - USDA FOREST SERVICE
2 - 550 W FORT STREET
3 - PO BOX 33C
City- BOISE
Phone -

State- ID Zip- 83724

*** K - ALSO KNOWN AS ***
US DEPT OF AGRICULTURE

1 - FOREST SERVICE
2 - 550 W FORT STREET
3 - PO BOX 33C
City- BOISE
Phone -

State- ID Zip- 83724

USFS

1 -
2 -
3 -
City- X
Phone -
State- ID Zip- 0

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
05/01/1954 17 SOUTHERN J - BENEFICIAL USE

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

+ - - - - - - - - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County
08N 14E 5 SW SE NE (37) CUSTER

+ - - - - - - - - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 05/D1 09/30 1.370

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
1.370 0.0

+ - - - - - - - - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
09N 14E 32 SW NE 01 IRRIGATION (37) CUSTER

Total Acres: 12.0

+ - - Diversion Means - EARTHEN CANAL FROM RIVER TO DITCHES FOR FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

Prefix Translation: RESEARCH

EXP FOREST SERVICE RECORD ID = 04 14 17060201 49 0 0045
0.18 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.
THE FOLLOWING RIGHTS ARE DIVERIED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 71-02082, 71-04016, 71-04037, 71-02063
& 71-10766.

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

```

+-----+-----+-----+-----+-----+-----+-----+-----+
Date: 06/03/1998 User Id: AMERJLIT Subject: COPIED FROM REMARKS
FOREST SERVICE RECORD ID = 04 14 17060201 49 0 0045
LOSSES IN DELIVERY OF THIS RIGHT.
DIVERSION DESCRIBED ABOVE: 71-02082, 71-04016, 71-04037 &
71-10766.
0.18 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF

```

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

| | | | | | | | | |
|----------------------|---|------------|-----------------------|---|------------|-------------------------|---|-------|
| Court Report Filing | - | 00/00/0000 | Field Inspection Made | - | 11/23/1993 | Civil Case Number | - | 35976 |
| 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 | - | 04/18/1994 | Last Amended Date | - | 05/03/1994 | Temporary Right | - | P |
| | | | Receipt Number | - | X111111 | Water District | - | |
| | | | POU Ownership Flag | - | Y | Federal/State Indicator | - | S |
| | | | Name Connector | - | | Presumption Flag | - | |
| | | | | | | Notice of Error Flag | - | |

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

71-10766

DATE: 6/3 ~~May 8~~, 1998

REVIEWED BY AD

| 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 | 10 | * 2.1 | * 0.45 | = 0.25 CFS |
| BG1 | 5.00 | 10 | * 9.9 | * 0.19 | = 0.94 CFS |
| | | | * | * | = CFS |
| | | | * | * | = CFS |

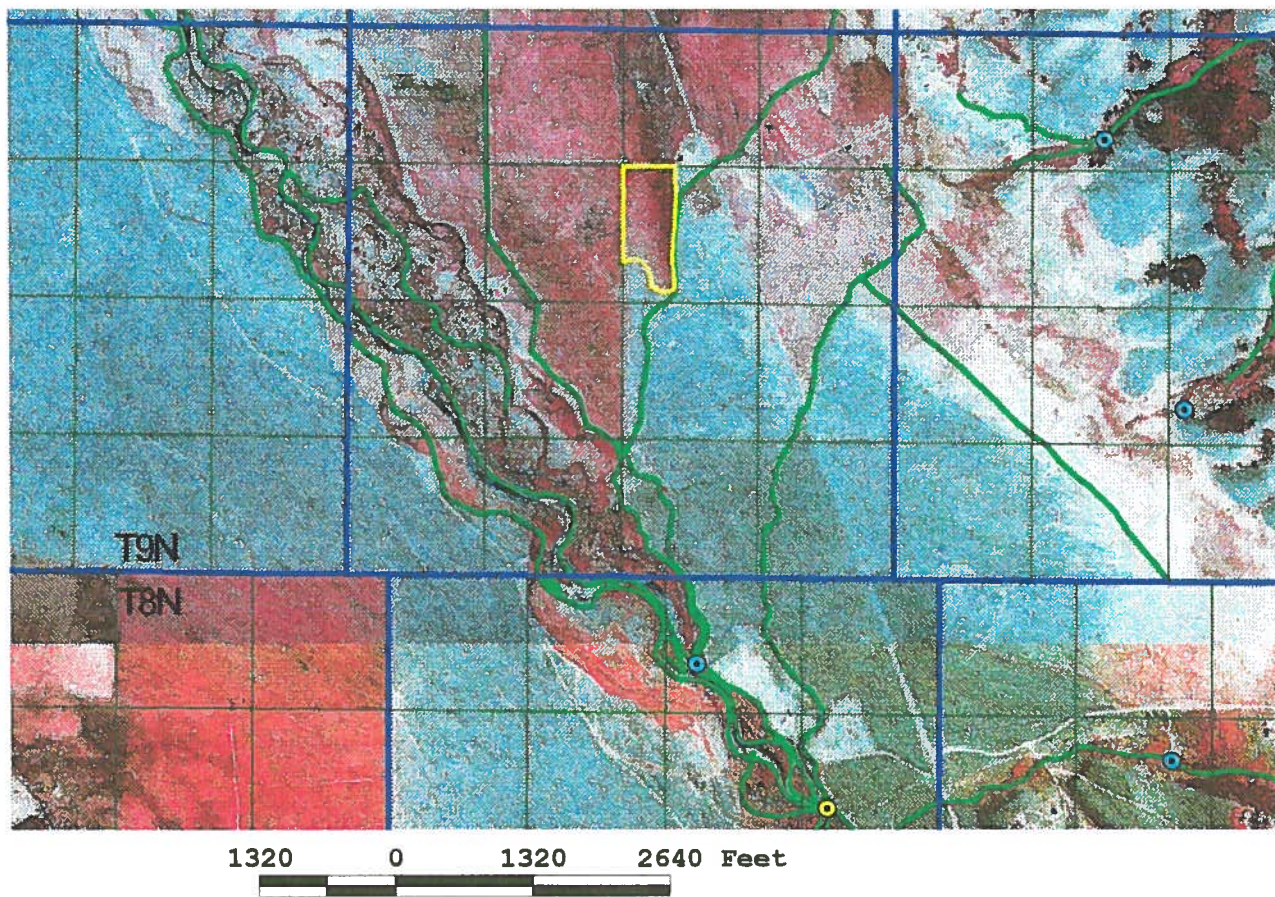
TOTAL ACRES 12.0

DECREED RATE =
CLAIMED DIVERSION RATE =
ORIGINAL HUBBLE RATE =
MEASURED DIVERSION RATE =

Convey
0.18
1.19
1.37 cfs
Allow ↑

IDAHO DEPARTMENT OF WATER RESOURCES

71-10766



POU:

TWP 09N, RGE 14E, SEC 32

POD:

SALMON RIVER - SWSENE SEC 5

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

CLAIM NUMBERS

71-10766

DATE

6/2/98

AGENT

AD

TRANSFER NUMBER

HOMESTEAD ENTRY NO.

CLAIMED ACRE TOTAL

GEOGRAPHIC INFO ACRES

| RIGHT NO | TNS | RNG | SEC | NE | | | | NW | | | | SW | | | | SE | | | |
|----------|-----|-----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|------|
| | | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |
| CLAIM | | | | | | | | | | | | | | | | | | | |
| GIS | 9N | 14E | 32 | | | 120 | | | | | | | | | | | | | 12.0 |
| ECOM | | | | | | | | | | | | | | | | | | | |
| CLAIM | | | | | | | | | | | | | | | | | | | |
| GIS | | | | | | | | | | | | | | | | | | | |
| ECOM | | | | | | | | | | | | | | | | | | | |
| CLAIM | | | | | | | | | | | | | | | | | | | |
| GIS | | | | | | | | | | | | | | | | | | | |
| ECOM | | | | | | | | | | | | | | | | | | | |
| CLAIM | | | | | | | | | | | | | | | | | | | |
| GIS | | | | | | | | | | | | | | | | | | | |
| ECOM | | | | | | | | | | | | | | | | | | | |

B71-DBPOD.SHP

NOS DESCRIPTION

132

B71-DBPOU.SHP

SHAPE NOS

78

DBF TABLES UPDATED

B71-DBPOD.DBF

✓

B71-DBPOU.DBF

✓

R PROOF

X

CVR

X

MAPS

X

PHOTOS

MISC

X

MICROFILM

OCT 28 1964

15-Jun-1994

RE: SRBA CLAIM FILE:

A71-10766

I VALDON HANCOCK, REPRESENTING THE USFS, ON THIS DAY HAVE REVIEWED THE DOCUMENTS CONTAINED IN THE ABOVE REFERENCED FILE. IN DOING SO I UNDERSTAND THAT THERE IS NO REPRESENTATION THAT THE DRAFTED "R" RECORD REPRESENTS THE FINAL RECOMMENDATION AND THE DOCUMENTS CONTAINED IN THE FILE ARE SUBJECT TO REVISION, ADDITION &/OR DELETION.

Valdon B. Hancock

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OCT 28 1994

Water Right Number - R71-10766

Prefix Translation:

RESEARCH

Old (D) Number -

*** A - ATTORNEY ***

HAUGRUD, JACK AND/OR GEOFFREY GARVER

*** C - CURRENT OWNER ***
AMERICA ACTING THROUGH

UNITED STATES OF

1 - US DEPT OF JUSTICE
2 - ENV & NR DIV GEN LIT SEC
3 - PO BOX 663
City- WASHINGTON
Phone - 202-272-4134

State- DC Zip- 200440663

*** K - ALSO KNOWN AS ***
US DEPT OF AGRICULTURE

1 - USDA FOREST SERVICE
2 - 324 25 STREET
3 -
City- OGDEN
Phone - 801-625-5360

State- UT Zip- 844012394

USFS

1 - FOREST SERVICE
2 - 324 25TH STREET
3 -
City- OGDEN
Phone - 801-625-5360
1 -
2 -
3 -
City- X
Phone - 208-000-0000

State- UT Zip- 0

*** R - REPRESENTATIVE ***
BOYLE

GARY

1 - USDA FOREST SERVICE
2 - 324 25TH ST
3 -
City- OGDEN
Phone - 801-625-5360

State- UT Zip- 844012394

Priority Date - - +
05/01/1954

Region - - - +
17 SOUTHERN

Stage - - - +
J - BENEFICIAL USE

Status - - - +

Source - - - - +
SALMON RIVER

Tributary - - - - +
SNAKE RIVER

TwN Ring Sec Tract Lot Rflg County Point of Diversion
08N 14E 5 SW SE NE (37) CUSTER

| Code | Description | Period From | Period To | Water Use | Diversion Rate | Diversion Volume |
|-------------------------|-------------|-------------|-----------|-------------------------------|----------------|------------------|
| 01 - IRRIGATION | | 05/01 | 09/30 | | 1.420 | |
| + - Total Div. Rate - + | | | | + - Total Consumptive Use - + | | |
| 1.420 | | | | 24.0 | | |

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OCT 28 1994

MICROFILMED
OCT 28 1994

Water right number - R71-10766

Prefix Translation: RESEARCH

| Twn | Rng | Sec | Tract | Lot | Acres | Code | Description | County |
|-----|-----|-----|-------|-----|-------|------|-------------|-------------|
| 09N | 14E | 32 | SW NE | | 12.0 | 01 | IRRIGATION | (37) CUSTER |

Total Acres: 12.0

- - - Diversion Means - EARTHEN CANAL FROM RIVER TO DITCHES FOR FLOOD IRRIGATION

- - - Non-Irrigation Use -

- - - Other Rights for Same Use - NONE

Remarks -
FOREST SERVICE RECORD ID = 04 14 17060201 49 0 0045
0.18 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 71-02082, 71-04016, 71-04037 &
71-10766.

- - - No Old Water Right Numbers Found - - - Old Water Right Numbers - - -

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

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

- - - Comments - - -
No Comments Found

- - - Audit Fields - - - +
06/07/94 MERRITT

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

| Court Report Filing | Field Inspection Made | Civil Case Number |
|-----------------------------------|------------------------------------|-----------------------------|
| Objection Filed Date - 00/00/0000 | Field Inspection Flag - 11/23/1993 | Old Case Number - 39576 |
| Response Filed Date - 00/00/0000 | Verified Date - 00/00/0000 | Old Judicial District - |
| Claim Received Date - 04/18/1994 | Last Amended Date - 05/03/1994 | Temporary Right - P |
| | Receipt Number - X111111 | Water District - |
| | POU Ownership Flag - Y | Federal/State Indicator - S |
| | Name Connector - AND/OR | Presumption Flag - |
| | | Notice of Error Flag - |

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OCT 28 1994

POOR ORIGINAL

Excess Flow Evaluation

2/24/94 by ADM

3/3/1954

5/1/1954

10/5/1933

A71-02082

A71-04016

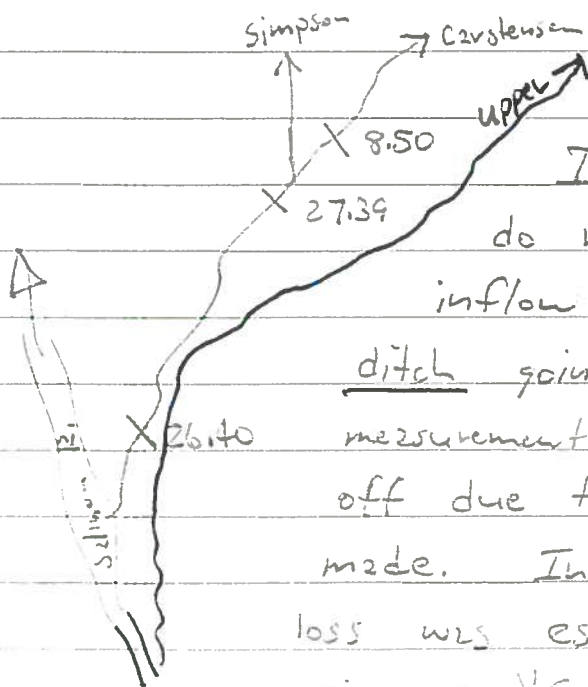
A71-10766 - USFS

A71-04037 - Carstensen

-Simpson

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.

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 loss was estimated based on the soil type using a "C" value of 3.0

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OCT 28 1994

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 reach.

Evaluation of the Simpson place finds 25 Ac. with WGI soil & 143 Ac with BGI 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 WGI is 4 days & BGI 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 BGI justified 13.59 cfs & the WGI justified 3.00 cfs for a total IR of 16.59 cfs.

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

MICROFILMED
OCT 28 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 2460 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.

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

OCT 28 1994

attached sheet indicates.

POOR ORIGINAL

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

MICROFILMED
OCT 28 1964

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 |
| Carstensen | 3.84 | 0.71 | 4.55 |

MICROFILMED
OCT 28 1994
 23,176

GRADED BORDER EVALUATION

Job name: USFS
By: ADM

Location: BG1 9AC 10DAY
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0150 ft/ft Border width (W)= 33 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 |
|-----------------------------|---|------------------------------|-----------------------------|----------------|--|-------|
| 0.80 | Gross depth is less than required gross application depth | | | | | |
| 0.81 | Gross depth is less than required gross application depth | | | | | |
| 0.82 | Gross depth is less than required gross application depth | | | | | |
| 0.83 | Gross depth is less than required gross application depth | | | | | |
| 0.84 | Gross depth is less than required gross application depth | | | | | |
| 0.85 | Gross depth is less than required gross application depth | | | | | |
| 0.86 | Gross depth is less than required gross application depth | | | | | |
| 0.87 | 0.026 | 22.78 | 21.24 | 0.21 | 5.8 | |
| 0.88 | 0.027 | 23.04 | 21.24 | 0.48 | 5.7 | |
| 0.89 | 0.027 | 23.30 | 21.24 | 0.74 | 5.7 | |
| 0.90 | 0.027 | 23.56 | 21.24 | 1.00 | 5.6 | |
| 0.91 | 0.028 | 23.83 | 21.24 | 1.26 | 5.5 | |
| 0.92 | 0.028 | 24.09 | 21.24 | 1.52 | 5.5 | |
| 0.93 | 0.028 | 24.35 | 21.24 | 1.78 | 5.4 | |
| 0.94 | 0.028 | 24.61 | 21.24 | 2.05 | 5.4 | |
| 0.95 | 0.029 | 24.87 | 21.24 | 2.31 | 5.3 | |
| 0.96 | 0.029 | 25.13 | 21.24 | 2.57 | 5.3 | |
| 0.97 | 0.029 | 25.40 | 21.24 | 2.83 | 5.2 | |
| 0.98 | 0.030 | 25.66 | 21.24 | 3.09 | 5.1 | |
| 0.99 | 0.030 | 25.92 | 21.24 | 3.36 | 5.1 | |

MICROFILMED
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GRADED BORDER EVALUATION

Job name: USFS
By: ADM

Location: WG1 3AC 10DAY
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=4.00
Slope (S)= 0.0150 ft/ft Border width (W)= 11 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 |
|-----------------------------|-----------------------------------|------------------------------|-----------------------------|----------------|--|-------|
| 0.20 | Gross depth is less than required | gross application depth | | | | |
| 0.21 | Gross depth is less than required | gross application depth | | | | |
| 0.22 | Gross depth is less than required | gross application depth | | | | |
| 0.23 | Gross depth is less than required | gross application depth | | | | |
| 0.24 | Gross depth is less than required | gross application depth | | | | |
| 0.25 | Gross depth is less than required | gross application depth | | | | |
| 0.26 | Gross depth is less than required | gross application depth | | | | |
| 0.27 | Gross depth is less than required | gross application depth | | | | |
| 0.28 | Gross depth is less than required | gross application depth | | | | |
| 0.29 | Gross depth is less than required | gross application depth | | | | |
| 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 | Gross depth is less than required | gross application depth | | | | |
| 0.36 | Gross depth is less than required | gross application depth | | | | |
| 0.37 | 0.034 | 29.06 | 27.79 | 0.61 | 2.3 | |
| 0.38 | 0.035 | 29.85 | 27.79 | 1.39 | 2.2 | |
| 0.39 | 0.035 | 30.63 | 27.79 | 2.18 | 2.2 | |

MICROFILMED
OCT 28 1994

POOR ORIGINAL

6654

6690

6682

12

32

T

H

666

FH 26

BM
6721

75

2ND

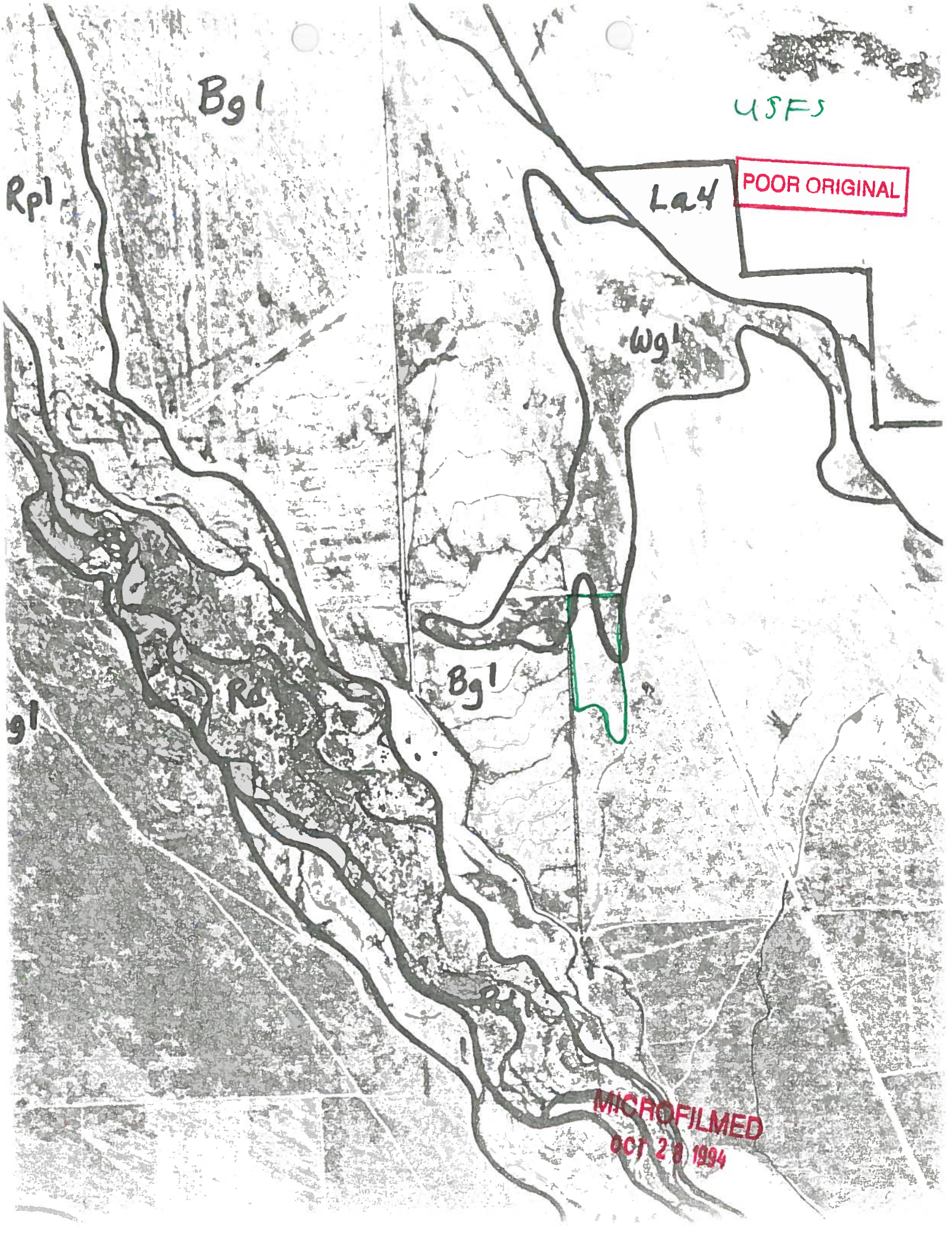
STAN

BM
6742

P/D

5

MICROFILMED
OCT 28 1994



Bg1

USFS

Rpl

La4

POOR ORIGINAL

Wg1

Bg1

Ra

g1

MICROFILMED
OCT 28 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
(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 | alternate | | 31 0.02 |
| | | | | | | | | 5 | 3.11 | method | | 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 | 1.56 |
| 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

$$\text{Optimum Rotation} = \frac{1.32}{0.17} \approx 8 \text{ days}$$

Use 10 days
MICROFILMED
OCT 28 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 | | |
| 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
method | | 61 | 0 |
| | | | | | | | | 5 | 2.07 | | | 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 | 1.03 |
| 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

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

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

f. Use

MICROFILMED
 10 d
 OCT 28 1994

8/24/93

NAME OF STREAM OR DITCH ----- SIMPSON/WILLIAMS DITCH FROM SALMON RIVER
LOCATION ----- BELOW FISH SCREEN
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: "END"
"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

| COEFFICIENT | ANGLE OF 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 REVS | TIME/SEC | 2ND MEASUREMENT REVS | | | TIME/SEC | 1ST POINT VELOCITY | 2ND POINT VELOCITY | |
| | 1.80 | | 0.51 | | | | | | | | | |
| | 2.30 | 1.02 | | 10 | 25.7 | | 0.25 | 0.128 | 0.87 | | 0.43 | 0.06 |
| | 3.00 | 1.31 | | 15 | 36.2 | | 0.60 | 0.612 | 0.92 | | 0.87 | 0.53 |
| | 4.00 | 1.51 | | 15 | 27.5 | | 1.00 | 1.510 | 1.21 | | 1.21 | 1.83 |
| | 5.00 | 1.63 | | 15 | 29.2 | | 1.00 | 1.630 | 1.14 | | 1.14 | 1.86 |
| | 6.00 | 1.71 | | 20 | 33.7 | | 1.00 | 1.710 | 1.31 | | 1.31 | 2.25 |
| | 7.00 | 1.85 | | 20 | 31.2 | | 1.00 | 1.850 | 1.42 | | 1.42 | 2.62 |
| | 8.00 | 1.90 | | 20 | 31.7 | | 1.00 | 1.900 | 1.40 | | 1.40 | 2.65 |
| | 9.00 | 1.93 | | 20 | 30.8 | | 1.00 | 1.930 | 1.44 | | 1.44 | 2.77 |
| | 10.00 | 2.00 | | 20 | 24.6 | | 1.00 | 2.000 | 1.79 | | 1.79 | 3.58 |
| | 11.00 | 1.95 | | 20 | 27.2 | | 1.00 | 1.950 | 1.62 | | 1.62 | 3.16 |
| | 12.00 | 1.80 | | 20 | 31.6 | | 1.00 | 1.800 | 1.40 | | 1.40 | 2.52 |
| | 13.00 | 1.50 | | 15 | 34.1 | | 1.00 | 1.500 | 0.98 | | 0.98 | 1.47 |
| | 14.00 | 0.57 | | 1 | 14.1 | | 0.70 | 0.399 | 0.17 | | 0.17 | 0.07 |
| | 14.40 | | 0.29 | | | | 0.20 | 0.057 | | | 0.09 | 0.00 |
| END | | | | | | | | | | | | |
| | | | | | | | | | | | | 26.40 |

5-41

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

7/25/55 33.0

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

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

MICROFILMED
 OCT 28 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 1
 ENTRY 2

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

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

| 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 |
|---------------|----------------------|-----------------------|---------------|--------------------|----------------------|----------------------|----------|------------|---------------|---------------------|--------------------|---------------|------------------|
| | | | | | | 2ND MEASUREMENT REVS | TIME/SEC | | | 1ST POINT VELOCITY | 2ND POINT 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 | 0.445 | 2.31 | | 1.74 | 0.77 |
| 2.50 | | | 0.91 | | 20 | 17.0 | | 0.50 | 0.425 | 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 | | 2.24 | 1.03 |
| 4.00 | | | 0.92 | | 20 | 23.2 | | 0.50 | 0.455 | 1.90 | | 1.90 | 0.86 |
| 4.50 | | | 0.91 | | 20 | 25.7 | | 0.50 | 0.450 | 1.72 | | 1.72 | 0.77 |
| 5.00 | | | 0.90 | | 20 | 31.5 | | 0.50 | 0.450 | 1.40 | | 1.40 | 0.63 |
| 5.50 | | | 0.90 | | 20 | 43.0 | | 0.50 | 0.450 | 1.03 | | 1.03 | 0.47 |
| 6.00 | | | 0.90 | | 20 | | | 0.25 | 0.113 | | | 0.52 | 0.06 |
| 6.50 | | | | 0.45 | | | | | | | | | |
| END | | | | | | | | | | | | | 8.50 |

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 OCT 28 1994

| MR 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 | Y | | Adm | Y | offic
claim | Adm | Adm | |
| POINT OF DIV | Y | | | N | 1,5,4 | | | |
| SOURCE | Y | | | N | | | | |
| PLACE OF USE | Y | | | N | 1,5,4 | | | |
| DIV. AMOUNT
CFS/VOLUME | Y | | | N | calc. | | | |
| CONSUMPTIVE USE | - | | | | | | | |
| PURPOSES | | | | N | | | | |
| PERIOD OF USE | Y | | | N | | | | |
| BASIS OF CLAIM | Y | | | | | | | |
| REMARKS | Y | | D | Y | | D | D | |

"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.

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OCT 28 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

07:46:52
05/05/94

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A71-10766

LAST: AMERICA ACTING THROUGH
ADDRESS: USDA FOREST SERVICE
324 25 STREET
CITY: OGDEN
PHONE NUMBER: 801-625-5360
STATE: UT ZIP: 844012394

OWNER CODE: C

LAST: BOYLE
ADDRESS: USDA FOREST SERVICE
324 25TH ST
CITY: OGDEN
PHONE NUMBER: 801-625-5360
STATE: UT ZIP: 844012394

OWNER CODE: R

LAST: US DEPT OF AGRICULTURE
ADDRESS: FOREST SERVICE
324 25TH STREET
CITY: OGDEN
PHONE NUMBER: 801-625-5360
STATE: UT ZIP: 844012394

OWNER CODE: K

LAST: HAUGRUD, JACK AND/OR GEOFFREY GARVER
ADDRESS: US DEPT OF JUSTICE
ENV & NR DIV GEN LIT SEC
PO BOX 663
CITY: WASHINGTON
PHONE NUMBER: 202-272-4134
STATE: DC ZIP: 200440663

OWNER CODE: A

LAST: USFS
ADDRESS:
CITY: X
PHONE NUMBER: 208-000-0000
STATE: UT ZIP: 0
OWNER CODE: K

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FIELD EXAM REQUIRED?

DATABASE

FIELD
EXAMINER

MICROFILMED
OCT 28 1994

VERIFICATION REQUIRED DUE TO REMARKS? _____

Y

CLAIM REMARKS:

FOREST SERVICE RECORD ID = 04 14 17060201 49 0 0045
0.18 CFS OF FLOW IS FOR DITCH LOSS; 10 DAY ROTATION. SUBDIVIDED
TRACT WITH ALL INDIVIDUAL LOTS ACQUIRED "WITH APPURTENANT WATER
RIGHTS".

FIELD EXAMINATION INFORMATION

CONTACT PERSON: _____

PHONE NUMBER: (____) ____-____

DATE OF FIELD EXAM: 11/23/93

APPOINTMENT MADE: Y(____) N(____)

TIME: ____:____ A(____) P(____)

ACCOMPANIED BY: _____

U21 Hencock

PHONE NUMBER: (____) ____-____

RELATIONSHIP TO CLAIMANT: _____

USFS Employee

DIRECTIONS TO PROPERTY / NOTES:

I met with U21 to review USFS Claims. I pointed out
that these lands appeared incorrect as was discovered when I
reviewed Simpson's claims. I provided him the information
I had gathered and he indicated that they would probably
file a claim.

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OCT 28 1994

A. AJ CLAIM: # A71-10766 PRIORITY DATE: 05-01-1933 STAGE: J

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

C. FIELD EXAM REQUIRED?

DOE TO PRIORITY DATE DISCREPANCY? (Y/N) Y DATABASE EXAMINER FIELD

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

NOTES:

U.S.F.S. was not requested to provide evidence of priority
but they in 2002 have documented the development of the ditch.
It appears these lands are closely connected to development of
lands under Simpson's claim. I reviewed the same
priority as Simpson's B.U. Claim. 5/11/1954

RECOMMENDED PRIORITY DATE:

5-1-1954

REVIEWED BY

ADW

DATE

6/7/94

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OCT 28 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

| RIGHT | TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | CNTY |
|-----------|------|------|------|-----|-----|-----|-----|--------|
| A71-10766 | 08N | 14E | 5 | SW | SE | NE | | CUSTER |

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX R PREFIX
NONE R71-02063
R71-02082
R71-04016
R71-04037

MR RECORDS IN SAME 40 ACRE TRACT

71-04037

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

B. MR POINT OF DIVERSION AND SOURCE:

THERE IS NO WATER RIGHT RECORD WITH THE SAME CLAIM NUMBER

SOURCE: NO SOURCE FOR RECORD

TRIB: NO TRIBUTARY FOR RECORD

C. FIELD EXAM REQUIRED?

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

NOTES:

Recorded as claimed.
Confirmed with F.E. using orthophoto of NAAP

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OCT 28 1994

CLAIM NUMBER: A71-10766

| RECOMMENDED POINT(S) OF DIVERSION AND SOURCE: | TPP. | RGE. | SEC. |
|---|------|------|------|
| | | 1/4 | 1/4 |

1/4

107

COUNTY

DIVERSION NAME

08h 14E 5

SW SE

Cash

SOURCE: 21 Nov 1966

TRIB:

Snake River

REVIEWED BY:

DATE:

6/7/98

SYSTEM DESCRIPTION:

MICROFILMED

OCT 28 1994

A. ROOT WATER RIGHT NUMBERS: A71-10766

B. POU LISTING

| TYP | RNG | SEC | 1/4 | 1/4 | LOT | NAME | AJ
#/ACRES | WR
#/ACRES | LANDSAT
DATA | FIELD
EXAM. | RECOMM.
ACRES |
|-------------|-----|-----|-----|-----|-----|---|------------------|---------------|-----------------|----------------|------------------|
| 09N | 14E | 32 | SW | NE | | AMERICA ACTING THROUGH, UNITEDA71-10766 /12.0 | | - | / | 11.0 | 12 |
| | | | SW | NE | | HUMPHREYS, FRED | A71-02085B / 7.0 | - | / | | 12 |
| | | | SW | NE | | HUMPHREYS, FRED | R71-02085B / 7.0 | - | / | | |
| | | | SW | NE | | HUMPHREYS, FRED | A71-10764 / 7.0 | - | / | | |
| | | | SW | NE | | US DEPT OF AGRICULTURE | A71-00028A / | - | / | | |
| | | | SW | NE | | US DEPT OF AGRICULTURE | A71-00029A / | - | / | | |
| | | | SW | NE | | US DEPT OF AGRICULTURE | A71-02085C / | - | / | | |
| | | | SW | NE | | SHAW, MARJORIE L. | 71-00028 | / | / | | |
| | | | SW | NE | | SHAW, MARJORIE L. | 71-00029 | / | / | | |
| | | | SW | NE | | FUREY, JACK B. | 71-02085 | /18.0 | | | |
| TOTAL ACRES | | | | | | A71-10766 | 12.00 | | | 11.00 | 12 |

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)

PRESUMPTION FLAG:

NOTES:

RECOMMENDATIONS:

TOTAL ACRES: 12

REVIEWED BY: AD

DATE: 6/7/94

MICROFILMED
OCT 28 1994

A. AJ CLAIMED USES:

PURPOSES
A71-10766 IRRIGATION

MONTH/DAY
FROM 05-01 TO 09-30

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
1.420 CFS
1.420 CFS

B. WR RECORDED USES:

PURPOSES

MONTH/DAY

DIVERSION QUANTITY

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

| | 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) | Y |

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

NOTES:

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

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OCT 28 1994

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y() N()

N/A

AJ TOTAL CLAIMED DIVERSION RATE:
WR ROOT RIGHT TOTAL DIVERSION RATE:

1.420 CFS
CFS

*** IF NO OR IF STATUTORY CLAIM OR BENEFICIAL USE THEN FLOW MEASUREMENT REQUIRED. ***
** IF AN AMOUNT SMALLER THAN THE ORIGINAL DIVERSION RATE IS **
** CLAIMED AND AN EXAM IS NOT REQUIRED, EXPLAIN IN NOTES. **

FLOW MEASUREMENT REQUIRED?

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

Y

FIELD DATABASE EXAMINER

Y

B.

MEASUREMENT METHOD

AA rate

FLOW MEASUREMENT

, SEE ATTACHED CALCULATIONS.

8/24/93
26.4 cfs

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

OTHER RIGHTS LISTED IN CLAIM: ~~TRACT MAY BE IRRIGATED BY 71-00026, 71-00029, 71-02085.~~

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

| CLAIM NO. | SOURCE | NAME | DIV. RATE | DIV. RATE/ACRE | DIV. VOL. | DIV. VOL./ACRE |
|------------|--------------|--------------------------------|-----------|----------------|-----------|----------------|
| A71-10766 | SALMON RIVER | AMERICA ACTING THROUGH, UNITED | 1.420 | 0.118 | | |
| A71-00028A | FISHER CREEK | US DEPT OF AGRICULTURE | 0.600 | 0.008 | | |
| A71-00029A | FISHER CREEK | US DEPT OF AGRICULTURE | 0.320 | 0.004 | | |
| A71-02085B | SALMON RIVER | HUMPHREYS, FRED | 1.140 | 0.020 | | |
| R71-02085B | SALMON RIVER | HUMPHREYS, FRED | 1.140 | 0.020 | | |
| A71-02085C | SALMON RIVER | US DEPT OF AGRICULTURE | 0.920 | 0.013 | | |
| A71-10764 | SALMON RIVER | HUMPHREYS, FRED | 4.200 | 0.073 | | |

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

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OCT 28 1994

D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES 12 x 0.02 CFS/ACRE = 0.24 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 = AF/A

ACRES 12 x CONSUMPTIVE VOL. AF/A FOR AREA 2.0 =

TOTAL CONSUMPTIVE USE 24.0 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES 12 x DIVERSION VOL. AF/A FOR AREA N/A =

TOTAL DIVERSION VOLUME N/A AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y(☐) N(☐)

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

See attached
Excess Flow Evaluation

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OCT 28 1994

RECOMMENDATIONS:

| REC. PURPOSES | REC. PERIOD FROM TO | REC. DIV RATE CFS | REC. DIV VOL. AF/A | REC. CONS. USE |
|----------------------|---------------------|----------------------------|--------------------|--------------------------|
| IRRIGATION | 05-01 09-30 | DATABASE EXAMINER
1.420 | DATABASE EXAMINER | DATABASE EXAMINER
0.0 |
| TOTAL FOR THIS RIGHT | | 1.420 | | 0.0 |

REVIEWED BY: AP

DATE: 6/7/92

0.18 cfs of above rate is
for conveyance loss in delivery
of right. See attached
Evaluation.

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OCT 28 1992

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED
()
()
()
()

NEEDS REVIEW
()
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-10766

DATABASE

EXAMINER

TOTAL DIVERSION RATE OF WR SPLITS

CFS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

A71-10766

1.420

-

-

TOTAL CFS

1.420

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:

6/7/99

NAME OF FIELD EXAMINER:

TITLE:

MICROFILMED

1999 JUN 28

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

08:00-50
05/05/94
56

PAGE: 13
PROFILE REPORT

CLAIM NUMBER: A71-10766

| OWNER
CODE | NAME & ADDRESS | PRIORITY
DATE | WATER USE | USE PERIOD
FROM TO | DIVERSION
RATE | DIVERSION
VOLUME |
|------------------|---|------------------|------------|-----------------------|-------------------|---------------------|
| C | UNITED STATES OF AMERICA ACTING THROUGH
USDA FOREST SERVICE
324 25 STREET
OGDEN UT 844012394
(801) 625-5360 | 05/01/1933 | IRRIGATION | 05-01 09-30 | 1.42 CFS | |
| TOTAL DIVERSION: | | | | | 1.42 CFS | |

Water Source: SALMON RIVER

Tributary to: SNAKE RIVER

Stage: BENEFICIAL USE

Point(s) of Diversion:

T08N R14E S05

S05ENE

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 | : Lt Ac |
| 09N 14E 32 | : 12 | : | : | : | : 12.0 |
| TOTAL ACRES | | | | | 12.0 |

POU County: CUSTER

Other Rights: TRACT MAY BE IRRIGATED BY 71-00028, 71-00029, 71-02085.

Remarks: FOREST SERVICE RECORD ID = 04 14 17060201 49 0 0045
0.18 CFS OF FLOW IS FOR DITCH LOSS; 10 DAY ROTATION. SUBDIVIDED
TRACT WITH ALL INDIVIDUAL LOTS ACQUIRED "WITH APPURTENANT WATER
RIGHTS".

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

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OCT 28 1994