

14502

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

RECEIVED

DEC 28 1989

Ident. Number: A72-10235
Date Received: 1/2/1990
Receipt No: 4010797
Received By: _____

Department of Water Resources
Southern Region Office

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: SALMON RIVER HERFORD RANCH 208-879-4406
Address: HC 63 BOX 1760
CHALLIS, ID 83226

2. Date of Priority: JUN 01, 1890

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
13N	19E	16	NW	SW	SE	5	CUSTER

5. Description of diverting works:
WING DAM, SPILLWAY, HEADGATES AND DITCHES, FLOOD IRRIG.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	10.000		

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

8. Total consumptive use is 237.5 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
13N	19E	2	SE	NW		IRR	7.5
			NE	SW		IRR	28.5
			SW	SW		IRR	5.0
			SE	SW		IRR	39.5

Section Acres 80.5

A72-10235

Page 1

Date: 12/06/89

MICROFILMED
MAR 18 1993

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
13N	19E	11	NE	NW		IRR	2.0
			NW	NW	1	IRR	11.5
			SW	NW		IRR	1.0
						Section Acres	14.5
						Total Acres	95.0

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:

THIS CLAIM COMBINES DECREED RIGHTS 72-00241 AND 72-00243 WHICH ARE FOR 10% AND 15% RESPECTIVELY, OF THE UPPER MCGOWEN DITCH. STATUTORY CLAIM 72-04178 ALSO DESCRIBED THIS RIGHT WITH/ SEE DECREE FOR CLARIFICATION. 10 CFS IS CLAIMED BASED UPON 25% OF 40.0 CFS.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date:

CHIVERS ET AL

Decree Plaintiff

vs

JOHNSON ET AL

Decree Defendant

MICROFILMED
MAR 18 1993

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: 4

For Organizations:

I do solemnly swear or affirm that I am partner Title _____ of Salmon River Hereford Ranch Organization, that I have signed the foregoing document in the space below as partner Title _____ of Salmon River Hereford Ranch Organization and that the statements contained in the foregoing document are true and correct.

Rocky Mustard
Signature of Authorized Agent

partner of Salmon River Hereford Ranch
Title and Organization

12-6-89
Date

State of Idaho)
County of Custer) SS.

Subscribed and sworn (or affirmed) before me this 16th day
of December 19 89

Anna Baunhoff
Notary Public

Seal

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

MICROFILMED
MAR 18 1993

27' 30"

13N

19E

4926

4925

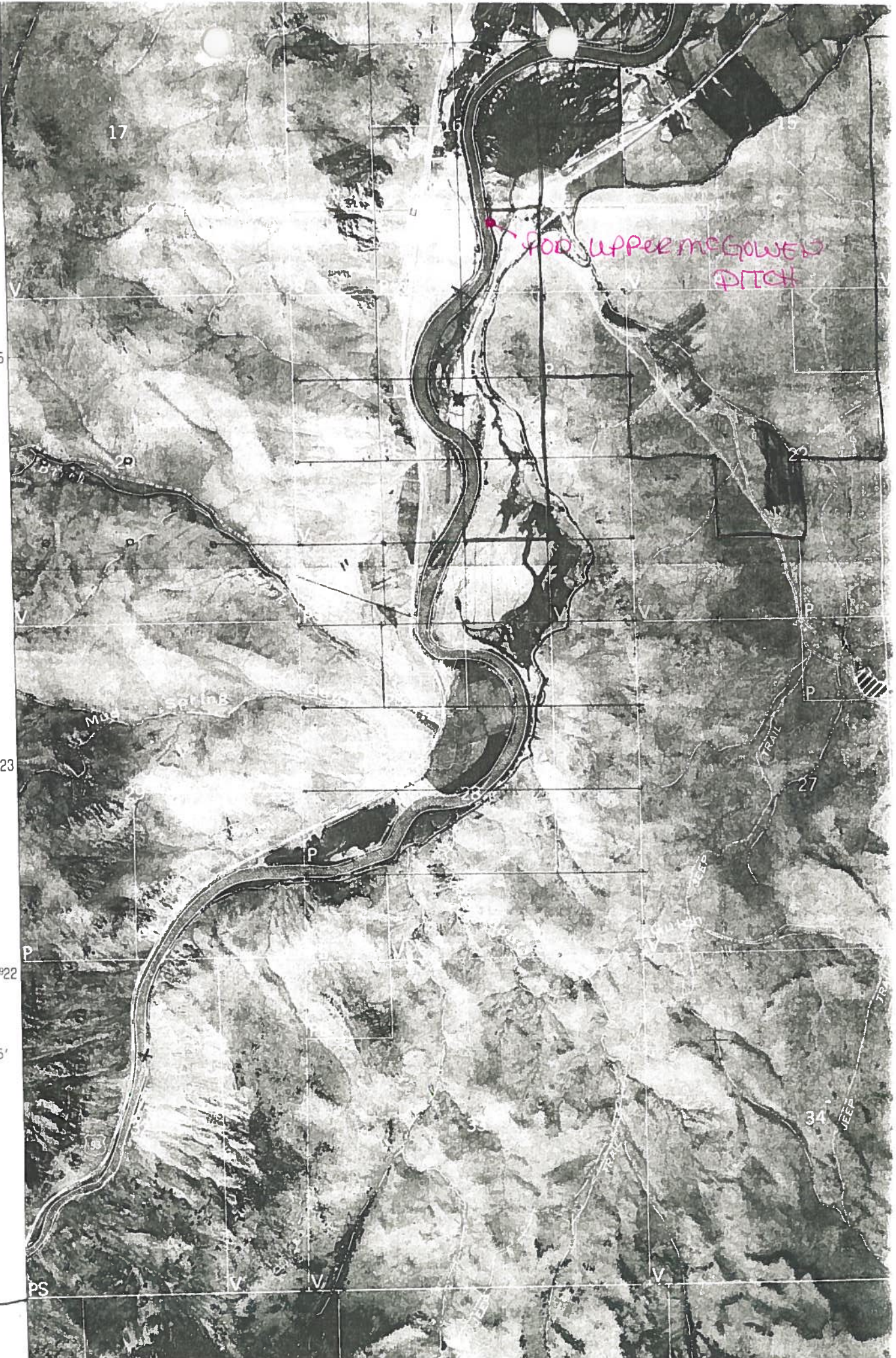
4923

4922

25'

MICROFILMED

MAR 18 1993



upper McGOON PITCH

R19E

19E

14N

13N

950 ACRES

MICROFILMED
MAR 18 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

APR 14 2003

Department of Water Resources

January 28, 2002

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
2794 HIGHWAY 93 S
SALMON ID 83467-5396

R FEB 5 2002 D
RECEIVE

RE: Snake River Basin Adjudication (SRBA)
Water Rights #72-400⁵, 72-4192C, 72-7073, 72-10235, 75-10053 *original owner*

Dear Water Right Holders:

Records Modified 4-15-03. ss

Mail sent to you by the SRBA District Court was returned undeliverable. 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 rights you have (e.g., Salmon River Ranch?),** and return this letter by February 8, 2002. 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. Be sure to list your water right numbers.

If there has been a change in ownership of the property connected with the water rights referenced above, please call this office toll-free at 1/800-451-4129 to obtain a form to make this required change to the water right records.

Sincerely,

Sally
Sally Sherman
Technical Records Specialist
Adjudication Bureau

SS:region

#####

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

Richard W Schowengerdt

Water Right Holder's Signature

208 899-4572

Telephone No.

SCANNED

APR 14 2003



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

Box 44

January 28, 2002

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
2794 HIGHWAY 93 S
SALMON ID 83467-5396

4-8-02
Response.
-10

RECEIVED

MAY 08 2002

RE: Snake River Basin Adjudication (SRBA)

Water Rights #72-400J, 72-4192C, 72-7073, 72-10235, 75-10053

Department of Water Resources
Southern Region

Dear Water Right Holders:

Mail sent to you by the SRBA District Court was returned undeliverable. 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 rights you have (e.g., Salmon River Ranch?), and return this letter by February 8, 2002. 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. Be sure to list your water right numbers.

If there has been a change in ownership of the property connected with the water rights referenced above, please call this office toll-free at 1/800-451-4129 to obtain a form to make this required change to the water right records.

Sincerely,

Sally

Sally Sherman
Technical Records Specialist
Adjudication Bureau

SS:region

#####

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

Water Right Holder's Signature

Telephone No.

STATE OF IDAHO
District Court
Snake River Basin Adjudication
P.O. Box 2707
Twin Falls, ID 83303-2707



SCH0250 530663030 1501 25 01/11/02
NOTIFY SENDER OF NEW ADDRESS
SCHOWENGERDT
2794 HIGHWAY 93 S
SALMON ID 83467-5396



1/18/02 LP

not reported to Court yet

JAN 16 2002

Department of Motor Vehicles

Christine CIDS

229557 }
8568 }

75-10053

72-4005 - PD 10-9-2001

72-4192C

72-7073 - PD 5-2-2001

72-10235 PD 10-12-2001

Richard CIDS

229573 }
8585 }
8586 }
8588 }

needs a letter sent - why?

CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
250 N SUMMIT MOORS DR
OCONOMOWOC, WI 53066

COPY

200 NOV 17 PM 1:15

SRBA
TWIN FALLS, IDAHO

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

In Re SRBA

Case No. 39576

SUBCASE NO. 72-04192C, 72-10235

NOTICE OF COMPLETED
ADMINISTRATIVE PROCEEDING

IDWR has completed the following Administrative proceeding: I.C. § 42-222 TRANSFER

An Administrative Proceeding pursuant to I.C. § 42-222 has been completed. The following changes have been made to the water right(s):

☐ Change in Ownership

☒ Point of Diversion

☐ Period of Use

☐ Split of Water Right

☒ Place of Use

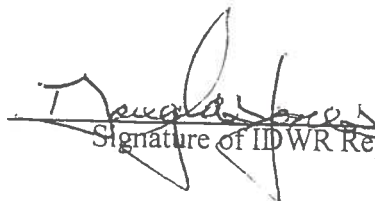
☐ Nature of Use

IDWR certifies that it has completed its investigation into the changes to the elements of the water rights listed above as set forth in the attached *Amended Director's Reports* for said water rights. No other changes have been made to the elements of these water rights except as set forth above.

IDWR has served copies of the *Notice of Completed Administrative Proceeding* and *Amended Director's Report(s)* on the claimant(s), prior claimant(s) and all parties in the subcases affected, if any, as reflected on the attached certificate of mailing.

Dated:

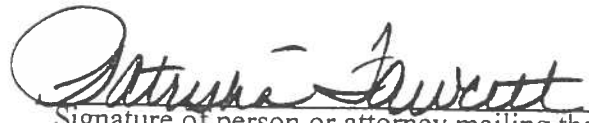
11/3/00


Signature of IDWR Representative

CERTIFICATE OF MAILING

I certify that on 11/17, 2000, I mailed the original and copies of this form to the following persons, postage prepaid and addressed as follows:

1. Original to:
Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
PO Box 2707
Twin Falls ID 83303-2707
2. One Copy to:
Claimant/Seller for Substitution of Party or attorney of record:
Christine Schowengerdt
Richard Schowengerdt
250 N Summit Moors Dr
Oconomowoc WI 53066
3. One Copy to:
Claimant/Purchaser for Substitution of Party or attorney of record:
4. One Copy to:
Each party in the subcase or attorney of record:
5. One Copy to:
Chief Natural Resources Division
Office of the Attorney General
PO Box 44449
Boise ID 83711-4449
6. One Copy to:
United States Dept of Justice
Environment & Natural Resource Div
550 West Fort Street MSC 033
Boise ID 83724


Signature of person or attorney mailing the form

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

11/01/2000

RIGHT NUMBER: 72-4192C

NAME AND ADDRESS: CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
250 N SUMMIT MOORS DR
OCOMOWOC, WI 53066

SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

QUANTITY: 15 CFS
897.1 AFY

PRIORITY DATE: 04/16/1898

POINT OF DIVERSION: T13N R19E S32 SWNE Within CUSTER County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	04-01 10-31	15.00 CFS 897.1 AFY

PLACE OF USE:

<u>IRRIGATION Within CUSTER County</u>							
T13N R19E S10	LOT 1	NENE	0.8	T13N R19E S11		NENW	2
T13N R19E S11	LOT 1	NWNW	29	T13N R19E S2	LOT 2	NWNE	8
T13N R19E S2		SWNE	2	T13N R19E S2	LOT 3	NENW	32
T13N R19E S2	LOT 3	NWNW	7	T13N R19E S2	LOT 5	SWNW	33
T13N R19E S2		SENE	36.5	T13N R19E S2		NESW	38
T13N R19E S2		NWSW	40	T13N R19E S2		SWSW	40
T13N R19E S2		SESW	40.5	T13N R19E S3	LOT 6	NESE	10
T13N R19E S3	LOT 10	SESE	19	T14N R19E S35	LOT 9	SESW	10
347.8 ACRES TOTAL							

THIS RIGHT IS LIMITED TO THE IRRIGATION OF 256.3 ACRES
WITHIN THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION
SEASON.

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

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE
EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE
ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER
THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6),
IDAHO CODE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Water Right 72-4192C

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

11/01/2000

RIGHT NUMBER: 72-10235

NAME AND ADDRESS: CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
250 N SUMMIT MOORS DR
OCONOMOWOC, WI 53066

SOURCE: SALMON RIVER TRIBUTARY: SNAKE RIVER

QUANTITY: 10 CFS
320.3 AFY

PRIORITY DATE: 06/01/1890

POINT OF DIVERSION: T13N R19E S32 SWNE Within CUSTER County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	04-01 10-31	10.00 CFS 320.3 AFY

PLACE OF USE:

<u>IRRIGATION Within CUSTER County</u>							
T13N R19E S10	LOT 1	NENE	0.8	T13N R19E S11		NENW	2
T13N R19E S11	LOT 1	NWNW	29	T13N R19E S2		SWNE	2
T13N R19E S2		SESW	36.5	T13N R19E S2		NESW	38
T13N R19E S2		NWSW	40	T13N R19E S2		SWSW	40
T13N R19E S2		SESW	40.5	T13N R19E S2	LOT 2	NWNE	8
T13N R19E S2	LOT 3	NENW	32	T13N R19E S2	LOT 3	NWNW	7
T13N R19E S2	LOT 5	SWNW	33	T13N R19E S3	LOT 6	NESE	10
T13N R19E S3	LOT 10	SESE	19	T14N R19E S35	LOT 9	SESW	10
347.8 ACRES TOTAL							

THIS RIGHT IS LIMITED TO THE IRRIGATION OF 91.5 ACRES
WITHIN THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION
SEASON.

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

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE
EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE
ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER
THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6),
IDAHO CODE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Decreed

Water Right 72-10235



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

SOUTHERN REGION

November 17, 2000

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
250 N SUMMIT MOORS DR
OCONOMOWOC WI 53066

RE: SRBA Claim(s) 72-04192C, 72-10235

Dear Claimant:

Please find the enclosed copy of the Notice of Completed Administrative Proceeding, which the department has filed with the SRBA Court regarding the above referenced claims. You have received this notice pursuant to SRBA Court Administrative Order 11 requiring IDWR to report to the court and interested parties any pending changes to adjudication claims in basins for which a Director's Report has been filed with the court.

Please contact this office if you have any questions about the notice or the administrative process.

Sincerely,

Trish Fawcett
Technical Records Specialist

RECEIVED

OCT 25 1998

Department of Water Resources
Southern Region

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

No objection on
IWATRS

TRANSFER OF WATER RIGHT

TRANSFER NO. 4938

WATER RIGHT NO(S). 72-04192C/72-10235

This is to certify that: RICHARD SCHOWENGERDT
CHRISTINE SCHOWENGERDT
250 N SUMMIT MOORS DR
OCONOMOWOC WI 53066

has requested a change to the above captioned water right(s). This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code, provided the conditions listed below are met.

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
Right No. 72-04192C :			
IRRIGATION	04/01 to 10/31	15.00 CFS	897.1 AF
Priority: 04/16/1898			
Right No. 72-10235 :			
IRRIGATION	04/01 to 10/31	10.00 CFS	320.3 AF
Priority: 06/01/1890			
TOTAL:		25.00 CFS	1217.4 AF

SOURCE

SALMON RIVER

TRIBUTARY OF

SNAKE RIVER

LOCATION OF POINT(S) OF DIVERSION:

SWNE , Sec. 32, Township 13N, Range 19E
CUSTER County

PLACE OF USE: IRRIGATION

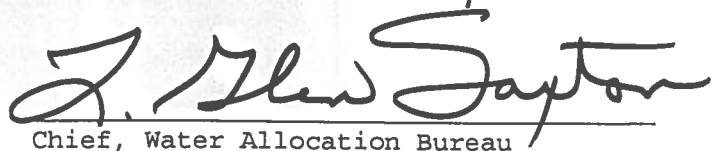
TWN	RGE	SEC	ACRES	ACRES	ACRES	TOTAL
13N	19E	2	Lot 2 (NWNE) 8.0	SWNE 2.0	Lot 3 (NENW) 32.0	
			Lot 3 (NWNW) 7.0	Lot 5 (SWNW) 33.0	SENE 36.5	
			NESW 38.0	NWSW 40.0	SWSW 40.0	
			SESW 40.5			277.0
		3	Lot 6 (NESE) 10.0	Lot 10 (SESE) 19.0		29.0
		10	Lot 1 (NENE) 0.8			0.8
		11	NENW 2.0	Lot 1 (NWNW) 29.0		31.0
14N	19E	35	Lot 9 (SESW) 10.0			10.0
Total number of acres irrigated:						* 347.8

TRANSFER NO. 4938
WATER RIGHT NO(S). 72-04192C/72-10235

CONDITIONS OF APPROVAL AND REMARKS

1. A measuring device and lockable controlling works of a type acceptable to the Department shall be permanently installed and maintained as part of the diverting works.
2. This right when combined with all other rights shall provide no more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
3. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
4. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
5. All water rights within Basin 72 are from connected sources of water in the Snake River Basin and shall be administered conjunctively.
6. Approval of Transfer 4938 does not grant any right-of-way or easement for use of a delivery system owned by person(s) other than the right owner.
7. After specific notification by the department, the right holder shall measure the diversion or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
- * 8. Right 72-04192C is limited to the irrigation of 256.3 acres in the place of use described above in a single irrigation season.
- * 9. Right 72-10235 is limited to the irrigation of 91.5 acres in the place of use described above in a single irrigation season.

Dated this 12th day of October, 1999.


Chief, Water Allocation Bureau

MEMORANDUM

TO: Files 72-04192C & 72-10235 (Combination of 72-00241 & 72-00243)

FROM: Pam Skaggs^{PS}/State Office

SUBJECT: Transfer 4938

DATE: October 5, 1999

Transfer 4938 was originally proposed by Salmon River Hereford Ranch and based on SRBA claims. A change of ownership processed by the SRBA identifies the Schowengerdts as current owners of the rights affected by this transfer. A mail message from region adjudication staff noted that the new owners were aware of the proposed transfer. I have contacted the Schowengerdts to confirm their desire to have the transfer approved.

The application and region review were based first on the SRBA claims and then the original recommendations by the adjudication staff ("R" records). The transfer approval is based on the rights as recommended in the Basin 72 Director's Report. There were slight modifications in the rights between initial and final recommendations, causing adjustments to the final transfer approval document also.

The place of use under each right has been combined into a 347.8-acre permissible place of use and the points of diversion changed to a common delivery point of the Challis Irrigation Company Canal. The transfer eliminates two Salmon River diversions.

Recommended conditions include measuring device & lockable controlling works, future annual reporting, connected sources, right-of-way, permissible place of use limits, irrigation overlap and standard transfer conditions.



IDAHO DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION
1341 FILLMORE ST SUITE 200
TWIN FALLS ID 83301
(208) 736-3033

DIRK KEMPTHORNE
GOVERNOR

KARL J DREHER
DIRECTOR

January 7, 1999

RICHARD SCHOWENGERDT
CHRISTINE SCHOWENGERDT
250 N SUMMIT MOORS DR
OCONOMOWOC WI 53066

RE: Notice of Error for SRBA Claim Nos. 72-04192C & 72-10235

Dear Mr. & Mrs. Schowengerdt,

This letter is to acknowledge your response to the Notice of Error (NOE) for the above-mentioned claims. I am aware of the transfer of the Point of Diversion for the claims you have filed and I know you currently divert using the Challis Irrigation Canal system. The SRBA records are updated when the approved transfer process is completed and forwarded to our adjudication section.

I will check to see if this update can be made before the final Director's Report is filed next week. In any case, the correct information will be added to the records upon completion of the administrative procedures.

If you still disagree with IDWR's recommendations, you will have an opportunity to file an objection to the Director's Report with the court. When the Director's Report is filed with the court, you will be mailed a notice that will contain more information about the objection process.

Please feel free to contact this office or me if you have further questions or need additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'Steve Clelland', written over a horizontal line.

STEVE CLELLAND
Sr. Water Resource Agent

November 20, 1998

NOTICE OF ERROR
REPLY

RECEIVED
DEC 21 1998
Department of Water Resources
Southern Region

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

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

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

Water right number: 72-10235

CHRISTINE SCHOWENGERDT
RICHARD SCHOWENGERDT
250 N SUMMIT MOORS DR
OCONOMOWOC WI 53066

Daytime Telephone Number: (414) 541-6898
Evening Telephone Number: (414) 965-3524

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

PLEASE NOTE THAT A TRANSFER IN POINT OF DIVERSION WAS FILED IN 1996. THESE FLOWS ARE NOW DELIVERED THROUGH THE CHALLIS IRRIGATION COMPANY SYSTEM.

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

SEE ABOVE

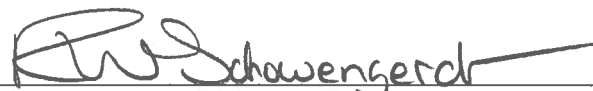
3. Give a brief explanation as to why you disagree with these portions:

SEE ABOVE

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

DATE: 12-14-98

SIGNATURE:



Please print your name:

RICHARD SCHOWENGERDT

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 11/16/98
PAGE: 1

DATE: 11/16/98
PAGE: 1

(414) 965-3524

Tributary to: SNAKE RIVER

Stage: DECREED

T13N R19E S16 Lot07(NWSMSE)

CUSTER County

rip

23

53

25

POU County: CUSTER

Other Rights: NONE

WATER IS DELIVERED THROUGH UPPER MCGOWAN DITCH. FLOWING RIGHTS ARE ALSO DIVERTED THROUGH

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 72-00239, 72-00242, 72-04010, 72-10120 & 72-10506.

Verified Date:

11/16/1998

Objection Filed Date:

Field inspection flag:

Presumption Flag: C

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

A72-10235

DATE: 11/16, 1998

REVIEWED BY sa

CHALLIS AREA SOIL REVIEW

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
ATC	.15	.13			6.49	7.62
BB1	.09	.09			6.09	6.17
BC1	.16	.17			5.82	5.46
BK1	.07	.06			10.62	11.86
BT1	.18	.16			3.99	4.19
BT2	.41	.32			2.34	2.87
CB1	.06	.06			11.55	13.47
CHA	.21	.21			4.52	4.76
CP1	.36	.36			2.61	2.78
DB1	.13	.11			5.66	6.65
DBB	.13	.11			5.71	6.69
DBC	.13	.11			5.71	6.69
DMF	.18	.21			5.12	4.72
DRF	.18	.19			9.08	9.68
DT2	.05	.04			12.46	16.50
DWA	.14	.14			4.79	5.01
G01	.10	.12			12.47	10.51
KEG	.08	.07			8.73	10.06
MBF	.15	.12			7.65	5.81
MUG	.15	.14			4.54	4.98
NDL	.13	.12			5.30	6.06

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
PD2	.11	.12			5.15	4.74
Q	.26	.21			13.2	10.4
RE2	.29	.21			3.15	4.74
RP1	.19	.21			4.89	4.57
SH1	.06	.05			9.37	12.10
SOC	.08	.07			7.38	8.08
SSA	.15	.14			4.79	5.01
SXF	.12	.11			6.14	6.80
TC1	.06	.06			9.82	9.55
TD1	.04	.03			12.46	16.50
WB2	.13	.13			5.37	5.43
WAA	.19	.16			3.81	4.23
WBB	.17	.14			3.36	3.84
WC1	.07	.06			11.24	13.45
WPT	.19	.15			3.16	3.69
WV1	.07	.06			11.24	13.45
XHS						
YN1	.18	.14			5.38	6.92

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
WB2			91.5	.13	11.9 CFS
					CFS
					CFS
					CFS

TOTAL ACRES 91.5

DECREED RATE = SPLITS & COMBO.

CLAIMED DIVERSION RATE = 10.0

MEASURED DIVERSION RATE = OK

Limit
10.0 cfs

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: **A72-10235**
Date Received: 1/ 2/1990
Receipt No: S010797
Received By: _____

**COPY FOR
YOUR FILES**

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

**COPY FOR
YOUR FILES**

1. Name: RICHARD SCHOWENGERDT 414-965-3524
Address: 250 N SUMMIT MOORS DR
OCONOMOWOC WI 53066

AND/OR

Name: CHRISTINE SCHOWENGERDT 414-965-3524
Address: 250 N SUMMIT MOORS DR
OCONOMOWOC WI 53066

2. Date of Priority: JUN 1, 1890

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
13N	19E	16	NW	SW	SE	5	CUSTER

5. Description of diverting works:
WING DAM, SPILLWAY, HEADGATES AND DITCHES, FLOOD IRRIG.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	11/01	10.000		

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

8. Total consumptive use is 237.5 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
13N	19E	2	SE	NW		IRR	7.5

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
13N	19E	2	NE	SW		IRR	28.5
			SW	SW		IRR	5.0
			SE	SW		IRR	39.5
						Section Acres	80.5
		11	NE	NW		IRR	2.0
			NW	NW	1	IRR	11.5
			SW	NW		IRR	1.0
						Section Acres	14.5
						Total Acres	95.0

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:

THIS CLAIM COMBINES DECREED RIGHTS 72-00241 AND 72-00243 WHICH ARE FOR 10% AND 15% RESPECTIVELY, OF THE UPPER MCGOWEN DITCH. STATUTORY CLAIM 72-04178 ALSO DESCRIBED THIS RIGHT WITH/ SEE DECREE FOR CLARIFICATION. 10 CFS IS CLAIMED BASED UPON 25% OF 40.0 CFS.

10/29/98 TF; OWNERSHIP CHANGED SALMON RIVER HEREFORD RANCH TO SCHOWENGERDT PER 1409(6) AND WARRANTY DEED REC'D 9/3/98.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: / /

CHIVERS ET AL
Decree Plaintiff

JOHNSON ET AL
vs Decree Defendant

STATE OF IDAHO
IDAHO DEPARTMENT OF WATER RESOURCES
NOTICE OF CHANGE OF WATER RIGHT OWNERSHIP

Please print or type. Attach pages with additional information. Instructions are on the back of this page.
Incomplete forms will be returned.

RECEIVED

SEP 03 1993

1. Water Right Number(s) A72-04005, R72-04005 Department of Water Resources
Southern Region
Adjudication Claim Number(s) _____
2. The following **REQUIRED** information must be submitted with this form.
- A. A copy of the most recent DEED, TITLE POLICY, CONTRACT OF SALE, or other legal document indicating your ownership of the property and water rights or claims in question, WITH ATTACHED LEGAL DESCRIPTION.
AND
B. PLAT OF PROPERTY or SURVEY MAP for parcel of ten acres or less. (These are usually on file with the county.)
OR
C. For water rights or adjudication claims involving ten or more irrigated acres, a USDA Farm Service Agency (formerly ASCS) AERIAL PHOTO with irrigated acres outlined and point(s) of diversion clearly marked.
3. Name and Address of Former Owner/Claimant(s) SALMON RIVER HEREFORD RANCH
HC 63 BOX 1760, CHALLIS ID 83226
4. New Owner/Claimant(s) RICHARD AND/OR CHRISTINE SCHOWENGERDT
Name connector (Check one): ☐ AND, ☐ OR, ☒ AND/OR
New Mailing Address 250 NORTH SUMMIT MOORS DR
City, State and ZIP Code OCONOMOWOC WI 53066
New Telephone Number (414) 965 -3524
5. Date you acquired the property 10/8/97
6. If you have acquired only a portion of the former owner's property, IDWR may need to split the water right(s) or adjudication claim(s). If this applies, describe in detail your portion of each water right or adjudication claim in the spaces below. If necessary, attach additional pages.
Number of acres actually irrigated _____ Number and type of stock _____
Diversion rate in CFS _____ Number of homes _____ Other uses _____
cubic feet per second
If a water right or adjudication claim is being split and you are not sure how to identify your portion of the original right or claim, please contact the nearest IDWR office for assistance.
7. Signature of New Owner/Claimant(s) Richard Schowengerdt Date 8-26-98
Christine Schowengerdt Date 8-26-98
8. For Snake River Basin Adjudication Claims: If you are represented by an attorney and you want IDWR to correspond directly with your attorney for all matters related to your claims, please attach a Notice of Appearance completed by your attorney.

WARRANTY DEED

0214438

For Value Received, MARGARET D. WESTERGARD, a single person, and ROCKY M. WESTERGARD and YVONNE G. WESTERGARD, husband and wife, all individually and as partners of SALMON RIVER HEREFORD RANCH, an Idaho Partnership, the Grantors, do hereby Grant, Bargain, Sell and Convey unto RICHARD W. SCHOWENGERDT and CHRISTINE E. SCHOWENGERDT, husband and wife, whose address is 250 North Summit Moors Drive, Oconomowoc, Wisconsin 53066, the Grantees, those premises in Custer County, Idaho, more particularly described on Exhibit "A" annexed hereto and by this reference made a part hereof.

TO HAVE AND TO HOLD the said premises, with their appurtenances unto the said Grantees, their heirs and assigns forever, and the said Grantors do hereby covenant to and with the said Grantees, that they are the owners in fee simple of said premises; that they are free from all encumbrances except the following:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. Unpatented mining claims: reservations or exceptions in patents or in acts authorizing the issuance thereof: water rights, claims or title to water.

RECEIVED

SEP 03 1998

Department of Water Resources
Southern Region

YBW
RMW
-M.W.

6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records except those created by Sellers.

7. Any adverse claim based on the assertion that the location of the Salmon River has moved.

8. Any rights, interest or easements in favor of the public which exist or are claimed to exist over any part of said land covered by water.

9. Ditches - ditch rights contained in the deeds from Challis Irrigation Company, "Grantor, to Challis Irrigation Company, recorded March 5, 1943. Corrected March 2, 1994, and November 28, 1944, in Deed books 26-165, 26-167, 26-343 and 26-471, records of Custer County, Idaho.

10. Irrigation Contract dated October 30, 1989, by and between Salmon River Electric Cooperative, Inc., and Salmon River Hereford Ranch, recorded November 13, 1989, as Instrument No. 193533, records of Custer County, Idaho.

11. Memorandum of Agreement dated April 18, 1996, by and between Salmon River Electric Cooperative, Inc., and Salmon River Hereford Ranch, c/o Rocky and Yvonne Westergard, recorded May 14, 1997, as Instrument No. 211025, records of Custer County, Idaho.

12. Memorandum of Agreement dated April 18, 1996, by and between Salmon River Electric Cooperative, Inc., and Salmon River Hereford Ranch, c/o Rocky and Yvonne Westergard, recorded May 14, 1996, as Instrument No. 211027, records of Custer County, Idaho.

13. Grant of Easement dated October 21, 1996, from Margaret D. Westergard and Rocky Michael Westergard, to Harold Horton and Gwendolyn Horton, husband and wife, recorded October 22, 1996, as Instrument No. 212317, records of Custer County, Idaho.

14. Joint Waterline Use Agreement dated October 21, 1996, form Margaret D. Westergard and Rocky Michael Westergard, to Harold Horton and Gwendolyn Horton, husband and wife, recorded October 22, 1996, as Instrument No. 212318, records of Custer County, Idaho.

15. Memorandum of Agreement dated April 18, 1997, by and between Salmon River Electric Cooperative, Inc., and Salmon River Hereford Ranch, c/o Rocky and Yvonne Westergard, recorded May 29, 1997, as Instrument No. 213507, records of Custer County, Idaho.

YBW
RMW
M.W.W.

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

IN WITNESS WHEREOF, the said Grantors have hereunto set their hands and seals this 8th day of October, 1997.

SALMON RIVER HEREFORD RANCH

Margaret D. Westergard
Margaret D. Westergard,
Individually

By: Margaret D. Westergard
Margaret D. Westergard,
Partner

Rocky M. Westergard
Rocky M. Westergard,
Individually

By: Rocky M. Westergard
Rocky M. Westergard, Partner

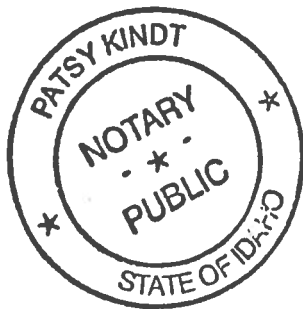
Yvonne G. Westergard
Yvonne G. Westergard,
Individually

By: Yvonne G. Westergard
Yvonne G. Westergard, Partner

STATE OF IDAHO)
:ss.
County of Custer)

On this 8th day of October, 1997, before me, the undersigned, a Notary Public in and for said State, personally appeared MARGARET D. WESTERGARD, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and seal the day and year in this certificate first above written.



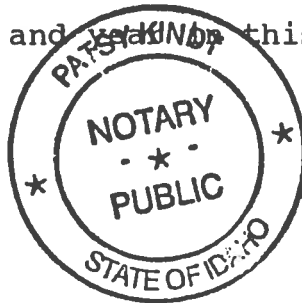
Patsy Kindt
Notary Public for Idaho
Residing at Challis, Idaho
Commission Expires: 3/12/98
M. G. V.
J. M. W.
M. D. W.

STATE OF IDAHO)
 :ss.
County of Custer)

214438

On this 8th day of October, 1997, before me, the undersigned, a Notary Public in and for said State, personally appeared ROCKY M. WESTERGARD and YVONNE G. WESTERGARD, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and seal the day and year in this certificate first above written.

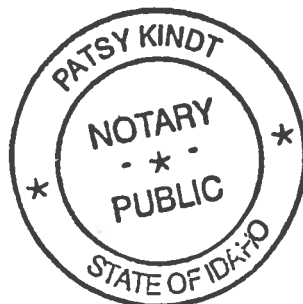


Patsy Kindt
Notary Public for Idaho
Residing at Challis, Idaho
Commission Expires: 3/12/98

STATE OF IDAHO)
 :ss.
County of Custer)

On this 8th day of October, 1997, before me, the undersigned, a Notary Public in and for said State, personally appeared MARGARET D. WESTERGARD, ROCKY M. WESTERGARD and YVONNE G. WESTERGARD, known to me to be the partners of SALMON RIVER HEREFORD RANCH, the partnership that executed the above instrument, and acknowledged to me that such partnership executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and seal the day and year in this certificate first above written.



Patsy Kindt
Notary Public for Idaho
Residing at Challis, Idaho
Commission Expires: 3/12/98

g/bw
RMW
M. D. W.

TRACT 1:

TOWNSHIP 13 NORTH, RANGE 19 EAST, BOISE MERIDIAN,
CUSTER COUNTY, IDAHO.

Section 2: Lots 3 and 5

Section 2: $SE\frac{1}{4}NW\frac{1}{4}$, and the $SW\frac{1}{4}$

Section 2: A fraction of Lot 2, more particularly described as follows: Commencing at the Southwest corner of Lot 2, Section 2 and running thence East 170 feet, North $20^{\circ}20'$ East, 1069 feet; thence North $64^{\circ}25'$ West, 600 feet; thence South 1261 feet to the point of beginning.

Section 3: Lots 6 and 10

Section 11: Lot 1

TOWNSHIP 14 NORTH, RANGE 19 EAST, BOISE MERIDIAN,
CUSTER COUNTY, IDAHO.

Section 35: Lot 9.

TRACT II:

TOWNSHIP 13 NORTH, RANGE 19 EAST, BOISE MERIDIAN,
CUSTER COUNTY, IDAHO.

Section 2: Beginning at the Northwest corner of said $SW\frac{1}{4}NE\frac{1}{4}$; thence North $89^{\circ}48'$ East along the North line of said $SW\frac{1}{4}NE\frac{1}{4}$ 174.7 feet; thence South $23^{\circ}04'$ West, 435.8 feet, more or less, to the West line of said $SW\frac{1}{4}NE\frac{1}{4}$; thence North $0^{\circ}01'$ East, 400.95 feet, more or less, along said West line to the point of beginning.

TOGETHER WITH all grazing and grazing rights, ditch and ditch rights, water and water rights appurtenant thereto or used in connection therewith.

214438
Custer County Title

Time 2:30 P.M.

10-15-1997
Ethel M. Peck, Clerk
Barbara C. Blidmore
15⁰⁰ Deputy

EXHIBIT "A"

aj & W
R. M. W.
M. D. W.

CLAIM NUMBER

A72-10235

DATE

10/13/98

AGENT

SCC

TRANSFER NUMBER

#4938

CLAIMED ACRE TOTAL

95

GIS ACRE TOTAL

90.7

★ Rec'd: 91.5

	TWP	RNG	SEC	NE				NW				SW				SE			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	13N	19E	2								7.5	28.5		5	39.5				80.
GIS											7.2	26.7		4.1	39.1				77.
RECOM											7.5	27		4	39				77.
CLAIM			11					2	11.5	1									14.5
GIS								1.6	12	Ø									13.1
RECOM								2	12	Ø									14.
CLAIM																			
GIS																			
RECOM																			

B72-DBPOU.SHP

SHAPE NOS.

215

B72-DBPOD.SHP

NOS. DESCRIPTION

61 CIC

DBF TABLES UPDATED

B72-DBPOU.DBF

✓

10/15/98

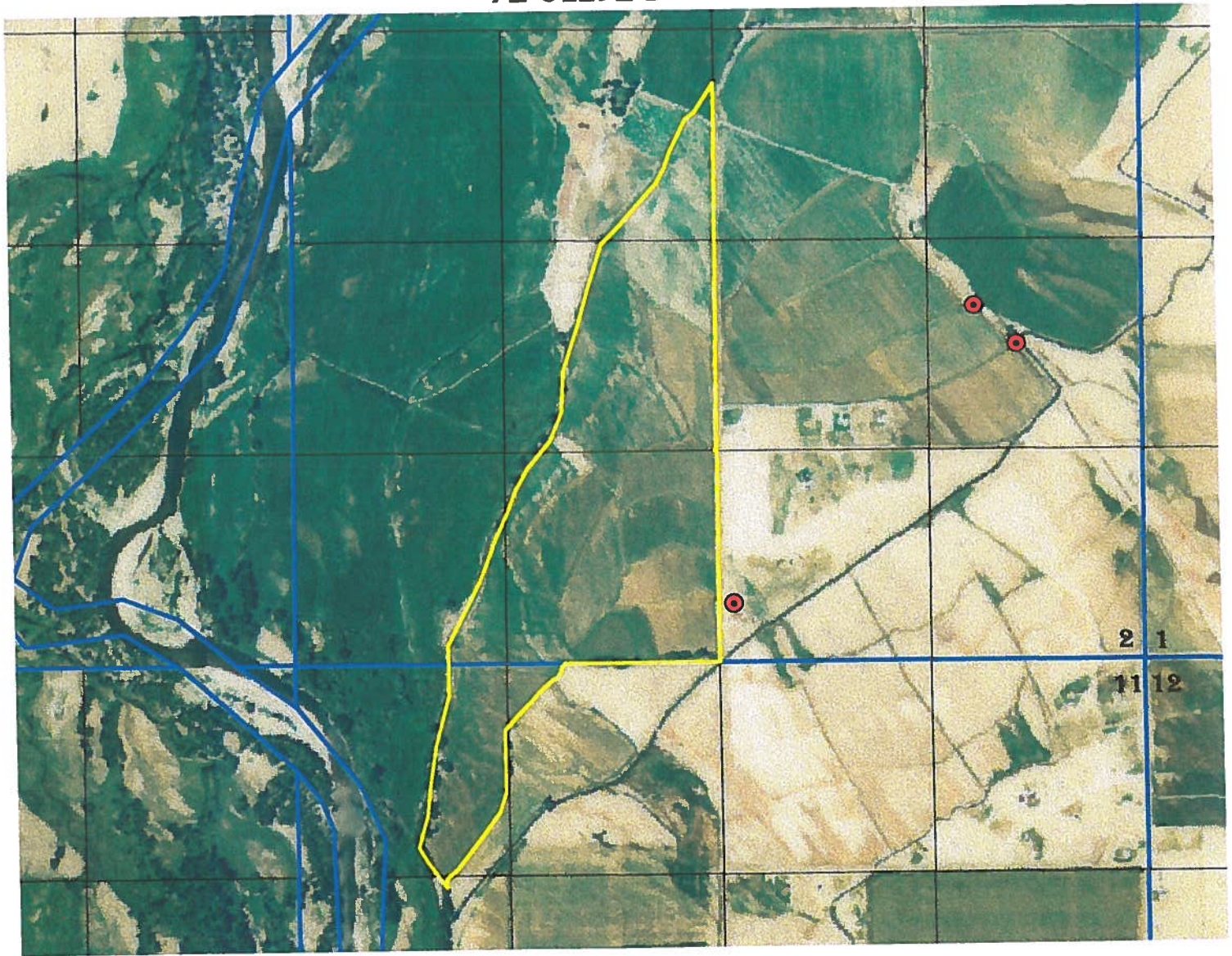
B72-DBPOD.DBF

✓

SCC

IDAHO DEPARTMENT OF WATER RESOURCES

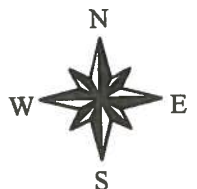
72-04192C



660 0 660 1320 Feet

-  RECOMMENDED PLACE OF USE
-  RECOMMENDED POINT OF DIVERSION
-  SECTION LINES
-  QUARTER-QUARTER LINES
-  STREAMS & DITCH CHANNELS

TWN: 13N
RNG: 19E
SEC: 2 & 11



GIS PLACE OF USE PRESENTATION
USFS AERIAL PHOTOGRAPHY, 1988
BY STEVE CLELLAND

DATE: OCT. 13, 1998

DIVERSION
VOLUME

6.87 CFS

6.87 CFS

Stage: DECREED

CUSTER County

$$S = \frac{1}{2} \frac{d^2 \mathcal{L}}{d\alpha^2} \Big|_{\alpha=0}$$
73
11
::

Other Rights: NONE

WATER IS DELIVERED THROUGH UPPER MCGOWAN DITCH.
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 72-00239, 72-00242, 72-04010,
72-10120 & 72-10506.

Objection Filed Date:

Field Inspection Flag: C
Presumption Flag: C

Comments: Date: 02/04/1994 User-ID: CLELLAND Subject: COPIED FROM REMARKS

THIS CLAIM COMBINES DECKED RIGHTS 72-00241 AND 72-00243 WHICH ARE FOR 10% AND 15% RESPECTIVELY, OF THE UPPER MCGOWEN DITCH. STATUTORY CLAIM 72-04178 ALSO DESCRIBED THIS RIGHT WITH/ SEE DECREE FOR CLARIFICATION. 10 CFS IS CLAIMED BASED UPON 25% OF 40.0 CFS.

Date: 02/15/1994 User-ID: CLELLAND Subject: CONVEYANCE LOSSES
ARE GREATER THAN SHOWN BUT HAVE BEEN REDUCED TO ALLOW MAXIMUM
F.I.R. UNDER THE MEASURED DITCH CAPACITY.

Date: 02/15/1994 User-ID: CLELLAND Subject: PRESUMPTION

Comments: Date: 02/15/1994 User-ID: CLELLAND Subject: PRESUMPTION

THIS CLAIM IS COMBINED FROM TWO DECREED RIGHTS.
72-00241 HAS BEEN MOVED FROM THE DECREED LANDS TO CURRENT POU
AND NONE OF THE CURRENT POU WAS LISTED WITHIN THE DECREED POU.
72-00243 IS USED WITHIN THE DECREED POU EXCEPT FOR 3 ACRES ON THE
SOUTH END OF THE POU.

Date: 03/13/1998 User-ID: SCLELLAN Subject: COPIED FROM REMARKS
0.15 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.
WATER IS DELIVERED THROUGH UPPER MCGOWAN DITCH.
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 72-00239, 72-00242, 72-04010,
72-10120 & 72-10506.

Date: 03/13/1998 User-ID: SCLELLAN Subject: REFORMAT UPDATE
REFORMAT UPDATE.

Audit: 03/13/98 SCLELLAN

INTER-DEPARTMENT MEMO

TO: Allen Merritt

SUBJECT: TRANS # 4938

FROM: STEVE Clelland

DATE: 3/13/98

SRBA # A72-4192C, A72-10235

This is the most current and accurate data on these records until the Director's Report. I have discussed these results with Mr. Westergard and there doesn't appear to be any further disputes to resolve.

I am returning the Transfer file to you for processing.

☒ For your information

☐ Response required

Steve Clelland
signature

MEMO

TO: SRBA CLAIM A72-04192C & A72-10235
FROM: STEVE CLELLAND *sw*
DATE: April 22, 1997

COPY

RE: FIELD EXAM REVIEW OF 4/16/1997

=====

I met with the claimant, Rocky Westergard, at about 1:30 pm this day of 4/16/97 to review and observe the irrigation delivery systems for the place of use in dispute. We reviewed the claim files to begin with and discussed the possible changes in the review process since our initial examination.

A72-10235

We determined there were no problems with the claim from the Upper McGowan Ditch right of A72-10235. The irrigated areas were in agreement but there was some difference in the calculated acres for the parcels. Claim was for 95.0 acres and the current recommendation is for 84.5 acres. This will be reviewed with the GIS program along with the other Westergard claim.

A72-04192C

This claim was the major source of concern for Mr. Westergard since the claimed acreage totaled 299.0 acres and the initial recommendation was only 178.0 acres. We toured the south end of the property and walked into the first diversion headgate from the Lower McGowan Ditch. Mr. Westergard showed me the ditch this diversion supplied that followed near the river and he showed me the elevation above the river that prevented his pasture from being sub-irrigated like that we had seen at the head of the Lower McGowan Ditch. He was able to show convincing ditch systems that would service additional lands not covered in my original recommendation. I agreed to add acres for the lands near the Salmon River.

I told him the only areas it appears still not being recommended would be the equipment and stack yards and corrals south and north of the houses. He agreed they probably would not be returned to irrigation as originally developed years ago.

As a result of the conversion of the ditches into one main canal system Mr. Westergard has converted all irrigation on the property to wheelline sprinklers. As time allows the ditch systems and diversion works are being removed and filled in to allow better movement of the sprinklers. He said the sprinklers were first used in 1996.

An aerial photograph of a rural landscape, likely a farm or ranch, with a grid overlay. The image is high-contrast, showing dark areas of vegetation and lighter areas of bare ground or water. A grid of thin lines is drawn over the image, with a thicker line running vertically through the center. Handwritten annotations in blue ink are present in the bottom right corner, including a claim number, initials, a date, and a description of the map.

CLAIM A72-10235 INIT sw
T. R. S. Q/Q 4/22/97
P/D COPY of
PHOTO WESTERBARD MAP
DT. & ID. SHOWING Ditch Systems

6/9/94

COMMUNICATION DOCUMENTATION

Claim No. A72-04192C

This form is to be used to document public record information requests regarding any SRBA claim or claims. The form may also be used to document IDWR communications requesting information regarding any SRBA claim or claims when the request is not made in writing or the claim verification report is not readily available to document the request. This form is to be filed in all relevant claim files or a central office file.

IDWR Employee/Agent Steve Clelland

January 30, 1997 9:22am

NAME:
ROCKY WESTERGARD

CALLOUT

RE:
SET UP APPT FOR EXAM

I CALLED TO GET AN TIME TO EXAMINE THE POU IN CHALLIS... HE WAS NOT AVAILABLE SO I LEFT A MESSAGE WITH THE LADY WHO ANSWERED. PHONE: 879-4406

A72-10235

This form is to be used to document public record information requests regarding any SRBA claim or claims. The form may also be used to document IDWR communications requesting information regarding any SRBA claim or claims when the request is not made in writing or the claim verification report is not readily available to document the request. This form is to be filed in all relevant claim files or a central office file.

May 21, 1996 8:29am

RE:

SALMON RIVER HEREFORD RANCH

A72-04192C: CLAIMED 299 AND FOUND 178 ACRES. MOSTLY RIPARIAN AREA ALONG RIVER, SOME SUB-IRRIGATED AREAS AND NON-IRRIGATED AREAS NOT ALLOWED AS POU.

TRANSFER WAS BASED UPON A72-04192C AND R72-10235 FOR THE ACRES. THIS IS THE APPLICANT'S DOCUMENT AND THEREFORE THEIR INFORMATION IN THE FORM; I REMINDED BOB OF THIS AND HE AGREED THE APPLICANT INSISTED UPON THIS DATA. I AGREED TO FORWARD THIS INFO TO THE TRANSFER REVIEW PROCESS SO THE STAFF COULD FOLLOW THE APPLICANT'S PLANS.

R PROOF

X

CVR

X

MAPS

X

PHOTOS

X

MISC

X

DATE: 02/15/94



TOTAL DIVERSION:	6.87 CFS	
CONSUMPTIVE USE:		211.00 AFA

Stage: DECREED

CUSTER County

1

TOTAL ACRES

Other Rights: NONE

LOSSES IN DELIVERY OF THIS RIGHT.

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 72-00239, 72-00242, 72-04010, 72-10120 & 72-10506.

Verified Date: 02/15/1994

Field Inspection Flag:
Presumption Flag:

Date: 02/04/1994 User-ID: CLELLAND Subject: COPIED FROM REMA

THIS CLAIM COMBINES DECREED RIGHTS 72-00241 AND 72-00243 WHICH ARE FOR 10% AND 15% RESPECTIVELY, OF THE UPPER MCGOWEN DITCH. STATUTORY CLAIM 72-04178 ALSO DESCRIBED THIS RIGHT WITH/ SEE DECREE FOR CLARIFICATION. 10 CFS IS CLAIMED BASED UPON 25% OF 40.0 CFS.

Date: 02/15/1994 User-ID: CLELLAND Subject: CONVEYANCE LOSSES
ARE GREATER THAN SHOWN BUT HAVE BEEN REDUCED TO ALLOW MAXIMUM
F.I.R. UNDER THE MEASURED DITCH CAPACITY.

Date: 02/15/1994 User-ID: CLELLAND Subject: PRESUMPTION

MICROFILMED
Nov 01 1984

WU 01534

Comments: Date: 02/15/1994 User-ID: CLELAND Subject: PRESUMPTION

THIS CLAIM IS COMBINED FROM TWO DECREED RIGHTS.
72-00241 HAS BEEN MOVED FROM THE DECREED LANDS TO CURRENT POU
AND NONE OF THE CURRENT POU WAS LISTED WITHIN THE DECREED POU.
72-00243 IS USED WITHIN THE DECREED POU EXCEPT FOR 3 ACRES ON THE
SOUTH END OF THE POU.

Audit: 02/15/94 CLELAND

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Presumption Memorandum Status

AGENT STEVE CLELLAND

DATE 2-15-94

CLAIM NUMBER	STAGE	PRESUMPTION CATEGORY			WITHIN A PPU	
		1st	2nd	Accomplished transfer	(YES)	(NO)
<u>A72-10235</u>	<u>D</u>			<u>X</u>		

FIRST PRESUMPTION ISSUES: DATE OF CHANGE IF KNOWN: _____
RECOMMENDED ACRES WITHIN THE ORIGINAL DECREED P/U: _____
RECOMMENDED ACRES OUTSIDE OF DECREED P/U: _____

SECOND PRESUMPTION ISSUES: DATE OF CHANGE IF KNOWN: _____

ACCOMPLISHED TRANSFERS: DATE OF CHANGE IF KNOWN: After decree
TYPE OF CHANGE: (P/D), (P/U), (N/U), OTHER Jan 4-24-1951

Change from pou as decreed to Current pou.
(see comments also)

OVERLAPPING CLAIMS:	ACRES	ACRES
<u>MICROFILMED</u>	ACRES	ACRES
<u>NOV 01 1994</u>	ACRES	ACRES
	ACRES	ACRES
	ACRES	ACRES
	ACRES	ACRES

POOR ORIGINAL

T
13
N

LOT
1

UPPER
McGOWAN
DITCH

R 19 E

CLAIM A72-10235 INIT SW
T. R. S. Q/Q 2-4-94
P/D 13N 19E 16 NWSE Lot 7
PHOTO U 25
DT. & ID. 7-24-74

POU = 84.5 A c

MICROFILMED

NOV 01 1994

PAGE: 1
GENERAL INFORMATION

STATE OF TEXAS
DEPARTMENT OF WATER RESOURCES
AUTOMATIC CLAIM VERIFICATION REPORT

CLAIM NUMBER: A77-10025

10:30:49
06/06/02

~~LAST SUBJECT
ADDRESS: N
CITY: N
PHONE NUMBER: 202-000-0000
OWNER CODE: 0~~
FIRST: PNAME
STATE: TX ZIP: 0

~~LAST SUBJECT
ADDRESS: N
CITY: N
PHONE NUMBER: 202-000-0000
OWNER CODE: 0~~
FIRST: PNAME
STATE: TX ZIP: 0

LAST: CALVIN RIVER HERFORD RANCH
ADDRESS: 4062 BOX 1760
CITY: CHARTER
PHONE NUMBER: 202-079-4406
OWNER CODE: 0
CREDIT RISK RESULTS
VERIFICATION RESULTS: YES
CLAIM REMARKS: THIS CLAIM CORRECTED REPORTED STATUS 72-00241 AND 72-00242 MATCH
AND FOR 10Y AND 15Y DEFERREDLY. THESE ARE NOT MATCHING
STANDARD CLAIM 72-00241 ALSO RECEIVED THIS RIGHT WITNESS/SPR
REPORT FOR VERIFICATION. TO SEE TO CLAIMER CASED FROM 25Y OF
40.0 CFS.

Deceased Pou
is in S35

72-00241 is not apartment to
the Pou as claimed. Ownership of this
Deceased right is not established.

MICROFILMED
NOV 01 1994

CONTACT PERSON:

Rocky

Westerlund

DATE OF FIELD EXAM:

6/30/93

APPROVED BY:

APPROVEMENT MARK: X

NI

X

PHONE NUMBER: (

)

-

TIME:

2

AC

Y P (

)

PHONE NUMBER: (

)

-

DISPOSITION TO PLATMANT:

DISPOSITIONS TO PROPERTY / REMARKS:

A. A. PLATE: # 677-10000 PERIOD: DATE: 06-01-1990 STATUS: R

B. NO RECORD: NO MATCHES FOUND TO MATCH THIS A. PLATE

C. NO RECORD: NO MATCHES FOUND TO MATCH THIS A. PLATE

DATE TO PERIOD: DATE: 06-01-1990

ADD TO PERIOD: DATE: 06-01-1990

DATE: 06-01-1990

Deceased 72-00241
72-00243 *are listed as 6-1-1890*

PERIOD: DATE: 06-01-1990

6-1-1890

See

DATE: 02-24-93

MICROFILMED

100-01-1000

THE DEPTHS IN CAME AN ARMY TRAP

ANALYSIS

Δ77-54N1N

APC-111-664

72-00238
72-00239
72-00240
72-00241
72-00242
72-00243
72-00246

РЕТРА-СНАКР-СТУП

TEST: AN TESTUITY FIVE ACCORD

Salmon
Pitt

PHIL
EZMINE
TATIANA

Will you participate? (Y/N)

TAYLOR & FRANCIS

Bath Devers shw " S. 16 SW SE Lot 5 "

lot 5 is on the wrong side of the River.

See 2-4-94

PERMANENT POINT(S) OF INTERSECTION AND SOURCE:
TWD. REG. SEC. 1/4 1/4 1/4 1/4 LOT COUNTRY

13N 19E 16 NW SW SE 7

SOURCE: Salmon River
ACQUIRED BY: SC
TFR: Snake River
DATE: 2-4-94

Via Upper McConnel Ditch

MICROFILMED
NOV 0 1 1994

A. ROOT WATER RIGHT NUMBERS:

A72-10120
A72-00241

A72-00249

A72-10235

B. FOR LISTING

TRIP DATE	CCC	1/A	1/A	TOT	NAME	AJ \$/ACRES	WR \$/ACRES	LANDCAT DATA	WTRD EVALM	WYCOM ACRES
12N 19P	2	SP	NU		GAI MON RIVER HERBERT RANCH	A72-100235 / 7.5	-	/	43.0	5.0
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04190C / 35.0	-	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04005 /	72-04005	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-10238 /	-	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-10029 /	72-00242	/		
		SP	NU		HERBERT FRANK	72-04178 / 40.0	72-04178	/ 40.0		
		SP	NU		HERBERT FRANK	72-04197 / 40.0	72-04197	/ 40.0		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-07364 / 40.0	72-07364	/ 40.0		
12N 19P	2	SP	NU		GAI MON RIVER HERBERT RANCH	A72-100235 / 29.5	-	/	29.0	26.5
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04190C / 15.0	-	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04005 /	72-04005	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-00242 /	72-00242	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04178 / 40.0	72-04178	/ 40.0		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04197 / 40.0	72-04197	/ 40.0		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-07364 / 40.0	72-07364	/ 40.0		
12N 19P	2	SP	NU		GAI MON RIVER HERBERT RANCH	A72-100235 / 5.0	-	/	40.0	3.0
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04190C / 29.0	-	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-00242 /	72-00242	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04005 /	72-04005	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04178 / 40.0	72-04178	/ 40.0		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04197 / 40.0	72-04197	/ 40.0		
12N 19P	2	SP	NU		GAI MON RIVER HERBERT RANCH	A72-100235 / 39.5	-	/	39.0	39.0
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04190C / 2.0	-	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-00242 /	72-00242	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04005 /	72-04005	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04178 / 40.0	72-04178	/ 40.0		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-04197 / 40.0	72-04197	/ 40.0		
12N 19P	11	SP	NU		GAI MON RIVER HERBERT RANCH	A72-100235 / 2.0	-	/	29.0	2.0
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-04190C / 25.0	-	/		
		SP	NU		GAI MON RIVER HERBERT RANCH	72-00196 /	72-00196	/		
12N 19P	11	SP	NU		GAI MON RIVER HERBERT RANCH	A72-100235 / 11.5	-	/	28.0	9.0
		SP	NU		GAI MON RIVER HERBERT RANCH	A72-00186P / 18.0	-	/		

84.5



Confirmed by PQ 425, dated 7-24-74. Full Exam; Bern dated 10-10C-6, dated 7-16-88, Soil Map, and Road Map.

TOTAL AREA: 84.5
DEUTERON BY: [signature]

DATE: 2-4-94

MICROFILMED

NO. 1 1534

A. ALL CLAIMED ITEMS:

DESCRIPTIONS
477-10025 ROTATION

FROM 04-01 TO 04-01

4.15 to 10-15

TOTAL ROTATION RATE/UNITS CLAIMED

10.000 CFS
10.000 CFS

B. NO VERIFICATION NEEDED:

DESCRIPTIONS

MONTH/MAY

ROTATION QUANTITY

C. VERIFICATION NEEDED:

DESCRIPTIONS

DATE/DATE

DATE TO WATER-USE DISCREPANCY? (Y/N)
DATE TO ROTATION RATE DISCREPANCY? (Y/N)
DATE TO VERIFICATION ERROR/TO DISCREPANCY? (Y/N)

Y
Y
Y

24

D. VERIFICATION OF USE:

RECOMMEND AS CLAIMED?

VERIFICATION TO BE STANDARD FOR OTHER?



REMARKS:

Y() N()
X() N()

Location in Remarks, below

WATER DISPOSITION RATE PLATON AREA WITH EXISTING RECORDS?

AT TOTAL PLATON DISPOSITION RATE: 10.000 CFS

UP FRONT TOTAL DISPOSITION RATE:
 ALL TO ME OR TO STATUTORY PLATON OR BENEFICIAL USE THEN FLOW MEASUREMENT REQUIRED
 IF IF AN AMOUNT SMALLER THAN THE ORIGINAL DISPOSITION RATE IS IF
 IF AVOIDED AND AN AREA IS NOT REQUIRED, AVOIDANCE IS REQUIRED.

72-00241 4.0
 72-00243 6.0 cfs
 10.0 cfs

FLOW MEASUREMENT REQUIRED?

HOW TO STAGE OR DISPOSITION RATE DISCREPANCY? (Y/N) Y

FILED
 NADARAP EVALUATED

MEASUREMENT METHOD

Current Note

SEE ATTACHED CALIBRATIONS

ARE OTHER WATER RIGHTS ISSUED Y/N

OTHER RIGHTS ISSUED IN PLATON: NONE

RIGHT ALL RIGHTS WITH A SAME FOR AND TREATMENT ISSUES:

PLATON NO. EQUIPMENT NAME

PLATON NO.	EQUIPMENT	NAME	FLOW RATE	DATE/ADP	FLOW	DATE	UNIT
072-10005	SALMON RIVER	SALMON RIVER HERFORD RANCH	10.000		0.105		
072-00190	SALMON RIVER	UTAH - FORD M.	4.500		0.042		
072-04190	SALMON RIVER	SALMON RIVER HERFORD RANCH	15.000		0.050		

RIGHT ALL RIGHTS WITH SAME FOR NOT BEEN FOR TREATMENT.

PLATON NO. PIPELINE NAME

PLATON NO.	PIPELINE	NAME	MONTH/DAY	DATE	UNIT
072-00005	STOCKWATER	SALMON RIVER HERFORD RANCH	11-01	10 03-31	200 CFS
072-00005	MINIMUM TREATMENT PLANT	SALMON RIVER HERFORD RANCH	11-01	10 03-31	1.670 CFS

MICROFILMED
 NOV 0 1 1994

11.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

12. IRRIGATION RATE
 ACRES 84.5 $\times$ 0.02 CFS/ACRE = 1.69 CFS
 (Taken from 9/0 Review)

100% AMOUNT CLAIMED EXCEEDS 0.02 CFS/ACRE? ☒ YES ☐ NO

13. IF YES, ADDITIONAL WATER USE FROM FURTHER ATTACHMENT? ☒ YES ☐ NO ***

14. IRRIGATION CONSUMPTIVE USE
 CLAIMED CONSUMPTIVE USE = 237.5 A/C/A
 ACRES 84.5 $\times$ CONSUMPTIVE UNIT, A/C/A FOR AREA
 TOTAL CONSUMPTIVE USE 211.25 A/C/A

15. IRRIGATION DIVERSION VOLUME
 CLAIMED DIVERSION VOLUME = 211.25 A/C/A
 ACRES 84.5 $\times$ DIVERSION UNIT, A/C/A FOR AREA
 TOTAL DIVERSION VOLUME 211.25 A/C/A

16. CALCULATIONS FOR USES OTHER THAN IRRIGATION
 SEE ATTACHED SHEET? ☒ YES ☐ NO *John Pinheiro*

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

13. CALCULATION

Hydro Analysis

*Based on first irrigation and
 converted parcels and actual
 uses stated by Claimant.*

*64.5 Ac flood = 6,32 cfs
 20 Ac. furrow = 0.40 cfs
6.72 cfs*

Total F.R. =

*Conveyance loss: 0.15 cfs
6.87*

PERFORMANCE:

PER
 PURPOSES

PER PERIOD
 FROM TO

PER. N/U
 DATE CPS

PER. N/U
 UNIT. AP/A

PER. C/MNS
 USR

PERFORMANCE EVALUATION

PERFORMANCE EVALUATION

PERFORMANCE EVALUATION

1/1/1970

4-15 10-15

6.87

N/A

211

TOTAL PER MTS RIGHT

PERIOD BY:

DATE

DØ2 = cl. 0.15 cfs
 FØ1 = 4490.000000

MICROFILMED
 NOV 0 1 1994

IDENTIFICATION:

ALTERNATE:

DATE:

NAME OF FIELD EXAMINER:

TIME:

MICROFILMED
NOV 01 1994

DATE RECEIVED	FILED BY Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FILED BY WHOM/DATE	CHANGE CLAIM Y/N	REPORTED BY NAME	COMPLETED BY WHOM/DATE	COMPLETED DATE WHOM/DATE	REPORTED DATE WHOM/DATE
DATE OF RECEIPT	Y		6-30-93 See	N	6. Brown	See 2-4-94	See 2-15-94	See 2-15-94
DATE OF RECEIPT	Y			Y	1456			
DATE OF RECEIPT	Y			N	1456			
DATE OF RECEIPT	Y			Y	5.6			
DATE OF RECEIPT	Y			Y	6.			
DATE OF RECEIPT	Y			Y	6.705			
DATE OF RECEIPT	Y			Y	6.			

See
2-24-93

*REPORTED BY: NAME

REPORT MADE/REPORTED-ON = 1
 DATE MADE = 2
 WATERMASTER REPORTS = 3
 NAME PHOTOS = 4
 FILED BY = 5
 OTHER (SEE REMARKS) = 6

THESE NOTES ARE USED TO INDICATE HOW THE FILED EXAMINER RECEIVED THE INFORMATION
 FROM FOR THIS FILED EXAMINATION. INDICATES ARE ALL CODES WHICH APPLY

MICROFILMED
 NOV 0 1 1994

BLM

24

POOR ORIGINAL

CLAIM A72-10235 INIT SW
T. R. S. Q/Q 2-3-94

P/D
PHOTO BLM AERIAL 10-10C-6
DT.&ID. 7-16-88 U25(NE)

MICROFILMED
NOV 01 1994

POU

POOR ORIGINAL

72-241
DECEED

72-243
DECEED

T
13
N

R 19 E

CLAIM A 72-10235 INIT _____
T. R. S. Q/Q

P/D _____
PHOTO 425
DT. & ID. 7-24-74

POU
AS
CLAIMED
95 AC.

A72-10235

MICROFILMED
NOV 01 1994

* 72-241 DECEED
is not appurtenant to the
claimed

Upper McGowan Ditch Summary -

2-15-94
SC

Claims: A72-00239, A72-00242, A72-10120,
A72-10235, A72-10506

I measured 39.16 cfs below the IDFG fish screen; with the water flowing out the fish screen and the by pass headgate the flow is near 40.0 cfs as originally decreed in 1951.

The Hubble Analysis completed for each right diverted from this ditch gives the Field Irrigation requirements ^(FIR) for each right claimed.

Since the Ditch capacity has been established at 40 cfs, rather than reduce the FIR in each claim to show the actual conveyance losses incurred, the Conveyance losses were reduced.

The result is the FIR for each right is probably used to absorb some of the conveyance loss in the ditch, but it is recommended and available for FIR as the ditch losses are reduced over the season.

MICROFILMED

NOV 01 1994

POOR ORIGINAL

R19E

T
14
N

T
13
N

34

3

35

CHA SOIL
VERY GRAVELLY
LOAM!
 $C=3.0$

72-00239
11.24

280
E

26000'
25200'
25000'

23,000'
8' wide

6.60

72-10120

2.29

72-243

3.42

.39

15800'
14000'

17000'

18100'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

17000'

A72-10506
FISH SCREEN

CONVEYANCE LOSS - WORSTELL

AGENT -----SCC
DATE -----14-Feb-94
CONVEYANCE OR
SOURCE NAME -----SALMON RIVER; UPPER MCGOWAN DITCH
RELATED CLAIMS -A72-10235, A72-00242
A72-10120, A72-00239

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	3500	15.0	0.34	0.23	33.46	0.0067	0.01	40.07
2	13100	15.0	0.22	0.55	32.66	0.0167	0.15	39.04
3	15500	15.0	0.22	0.65	26.34	0.0245	0.02	32.18
4	17700	15.0	0.22	0.74	25.94	0.0284	0.03	31.13
5	18100	12.0	0.22	0.60	25.55	0.0236	0.34	30.00
6	19500	12.0	0.22	0.65	22.13	0.0294	0.30	25.98
7	22100	8.0	0.43	0.96	19.84	0.0484	1.17	23.04
8	25200	8.0	0.34	0.87	13.24	0.0654	0.24	15.48
9	26000	8.0	0.34	0.89	12.24	0.0730	0.32	13.61
10	28000	4.0	0.34	0.48	11.24	0.0428	0.04	11.72
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	188700			6.61	33.56		6.61	

$40.0 - 33.56 = 6.44$

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

2-15-94
See
further
adjustment to
conveyance losses
to limit Total Diversion
to measured flow of 40 cfs.

MICROFILMED
NOV 01 1994

CONVEYANCE LOSS - WORSTELL

AGENT -----SCC
 DATE -----14-Feb-94
 CONVEYANCE OR
 SOURCE NAME -----SALMON RIVER; UPPER MCGOWAN DITCH
 RELATED CLAIMS -A72-10235, A72-00242
 A72-10120, A72-00239

*Ditch cannot deliver
 and has not water
 this far*

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	3500	15.0	3.00	1.99	0.80	33.46	0.0595	0.05	90.87
2	13100	15.0	2.00	4.96	6.32	32.66	0.1520	1.34	88.08
3	15500	15.0	2.00	5.87	0.40	26.34	0.2230	0.17	76.79
4	17700	15.0	2.00	6.71	0.39	25.94	0.2586	0.27	70.52
5	18100	12.0	2.00	5.49	3.42	25.55	0.2148	3.10	63.42
6	19500	12.0	2.00	5.91	2.29	22.13	0.2672	2.69	54.51
7	22100	8.0	3.00	6.70	6.60	19.84	0.3377	9.98	46.31
8	25200	8.0	3.00	7.64	1.00	13.24	0.5771	2.09	33.01
9	26000	8.0	3.00	7.88	1.00	12.24	0.6440	2.73	24.37
10	28000	4.0	3.00	4.24	11.24	11.24	0.3776	34.97	15.48
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	188700			57.41	33.46			57.41	

MICROFILMED
 NOV 01 1994

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

To adjust conveyance losses to the actual flows measured.

GIVEN:

Delivery (cfs) 33.46
 Delivery Load (ds) 57.41
 Meas. flow (cfs) 40.00

C Values: 2 & 3

$$40.00 - 33.46 = 6.54$$

$$\frac{6.54}{57.41} = 0.11 \quad (\text{proportional rate desired})$$

$$0.11 \times 3.0 = 0.34$$

$$0.11 \times 2.0 = 0.22$$

{ adjusted 'C' values
 for Delivery of Measured flow

(the next sheet for revised calculation)

MODIFIED
 NOV 01 1994

the Al. flows
 adjusting the F.I.R.
 portion, necessary to
 remain at...
 for each night bear for
 for would have to
 they would to losses.
 Newbridge
 2-14-94

2-14-94
 SC

CONVEYANCE LOSS - WORSTELL

AGENT -----SCC
 DATE -----14-Feb-94
 CONVEYANCE OR
 SOURCE NAME ----SALMON RIVER; UPPER MCGOWAN DITCH
 RELATED CLAIMS -A72-10235, A72-00242
 A72-10120, A72-00239

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	3500	15.0	0.34	0.23	0.80	33.46	0.0067	0.01	40.07
2	13100	15.0	0.22	0.55	6.32	32.66	0.0167	0.15	39.04
3	15500	15.0	0.22	0.65	0.40	26.34	0.0245	0.02	32.18
4	17700	15.0	0.22	0.74	0.39	25.94	0.0284	0.03	31.13
5	18100	12.0	0.22	0.60	3.42	25.55	0.0236	0.34	30.00
6	19500	12.0	0.22	0.65	2.29	22.13	0.0294	0.30	25.98
7	22100	8.0	0.43	0.96	6.60	19.84	0.0484	1.17	23.04
8	25200	8.0	0.34	0.87	1.00	13.24	0.0654	0.24	15.48
9	26000	8.0	0.34	0.89	1.00	12.24	0.0730	0.32	13.61
10	28000	4.0	0.34	0.48	11.24	11.24	0.0428	4.04	11.72
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	188700			6.61	33.46			6.61	

MICROFILMED
 NOV 01 1994

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

MICROFILMED
NOV 01 1994

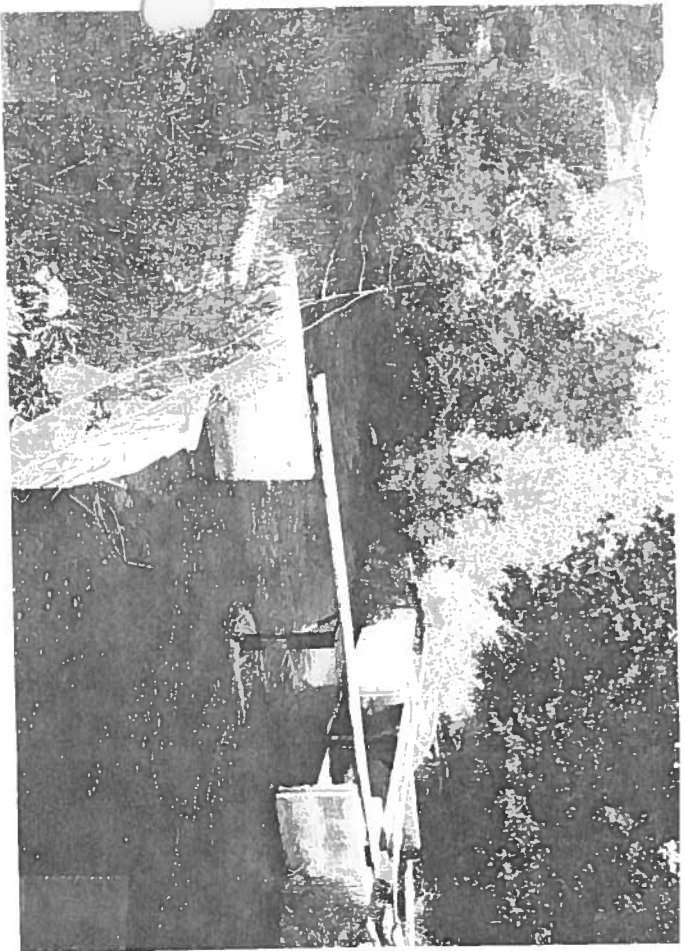
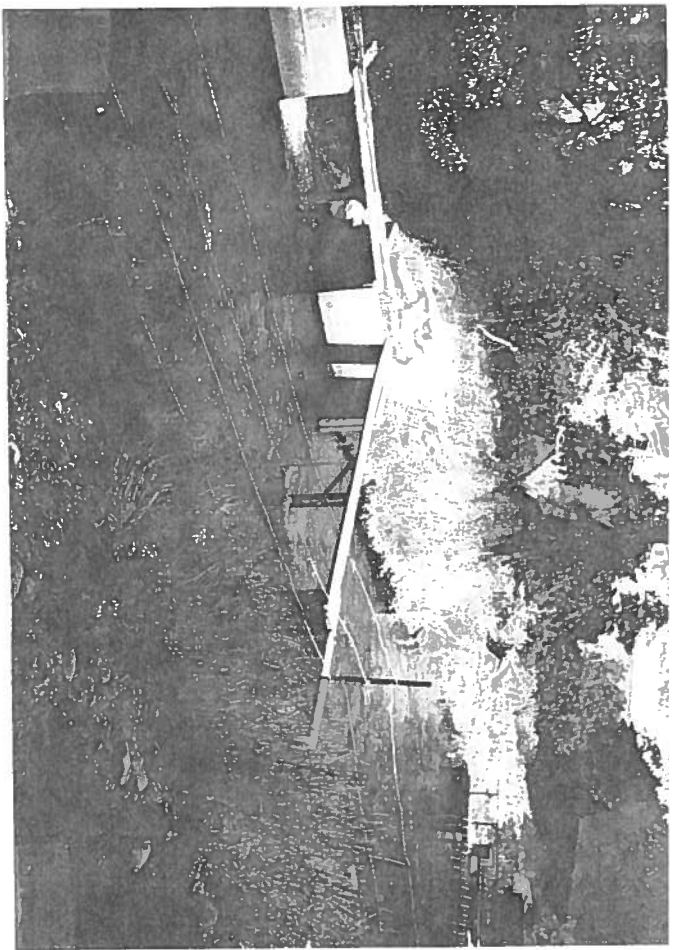
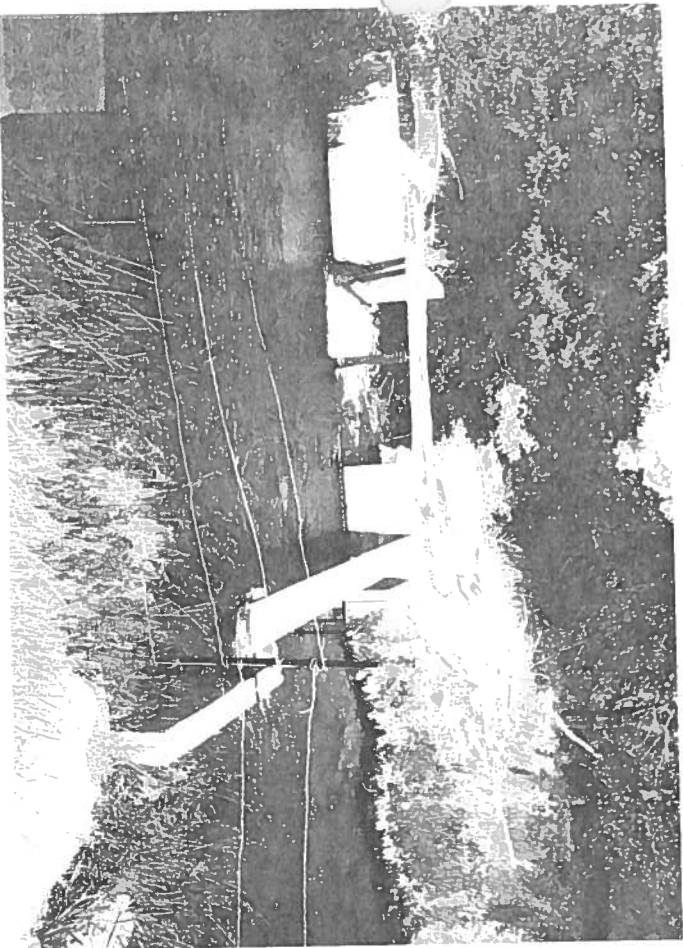
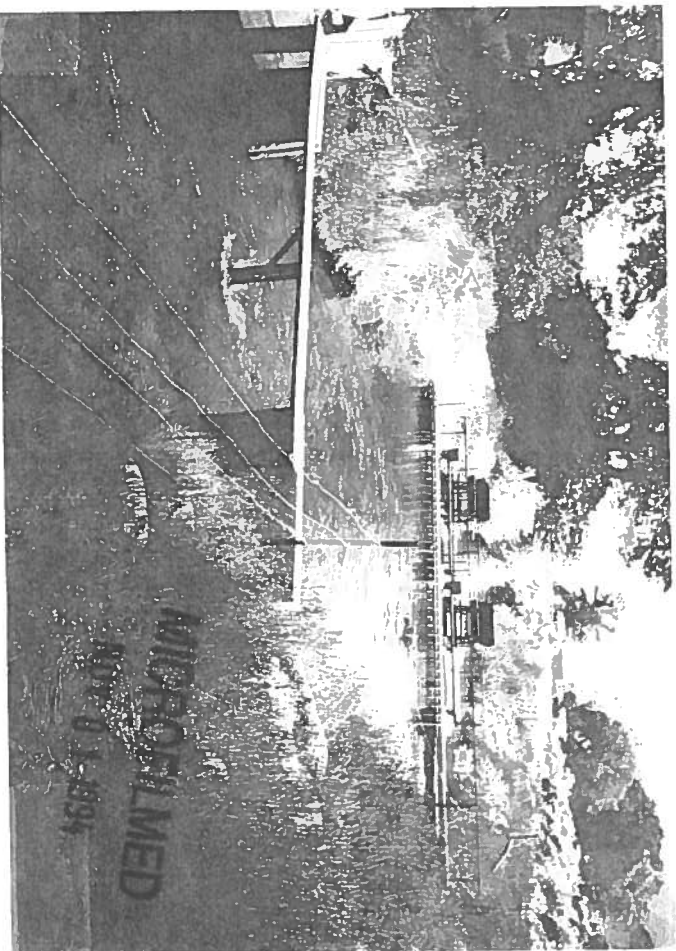


PHOTO:
R72-11 W5C 6-30-93

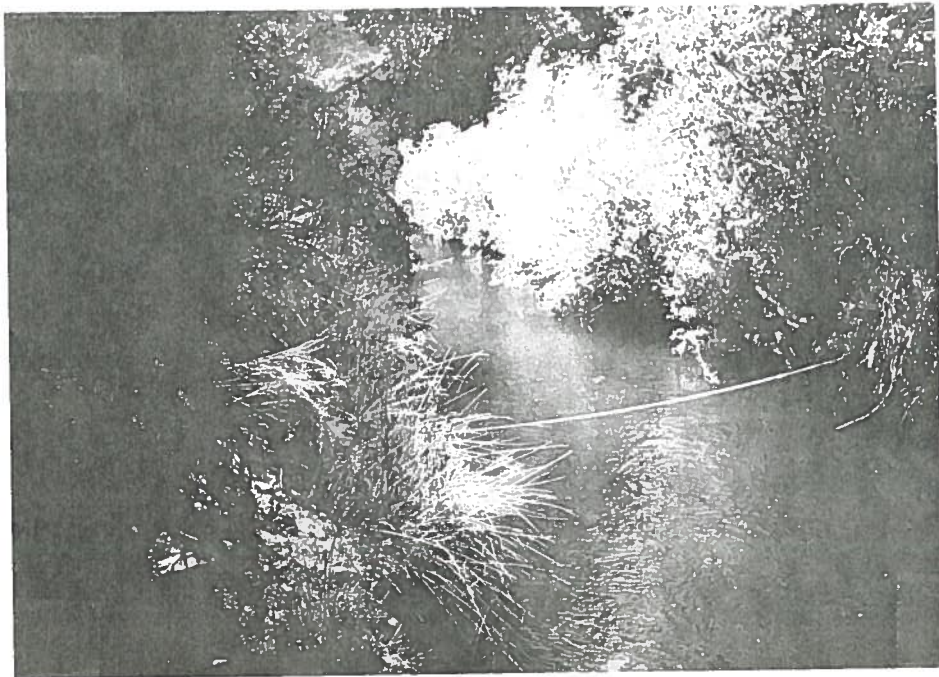


FISH SCREEN #527 @ UPPER MCGOWAN DITCH.



NOTE CAPACITY OF DITCH @ SCREEN.

POOR ORIGINAL



UPPER
MCGOWAN
DITCH

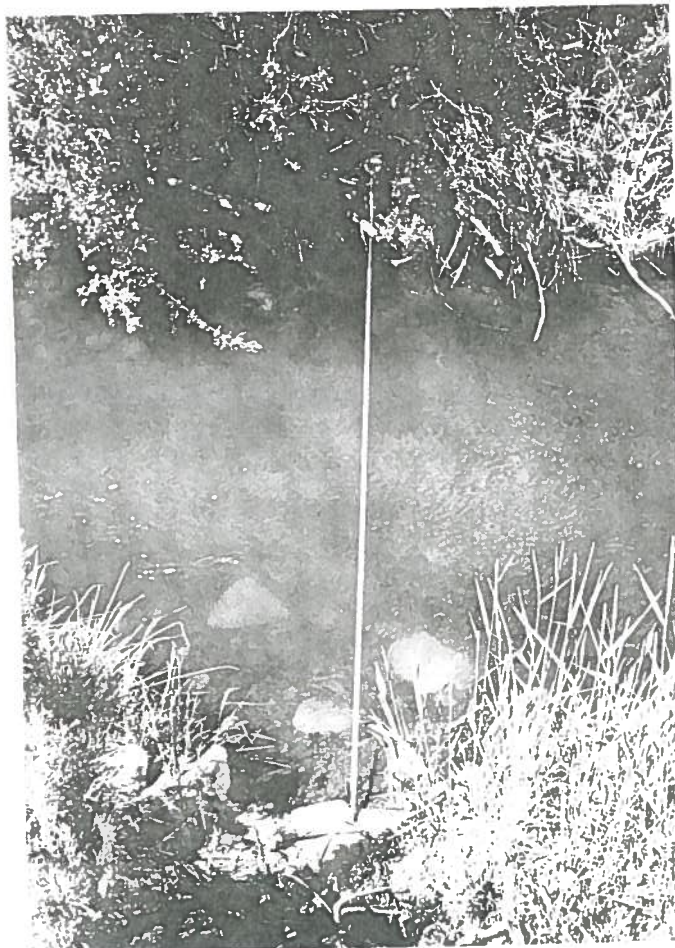
IDWR MEAS. SITE BELOW
FISH SCREEN.

Photo:

R72-17

by SCL

6-30-93



→ Flow

MICROFILMED

NOV 01 1994

POOR ORIGINAL



← Note
Ditch is
Very NEAR
CAPACITY.

2ND MEAS. SITE
UPPER MCGOWAN DITCH

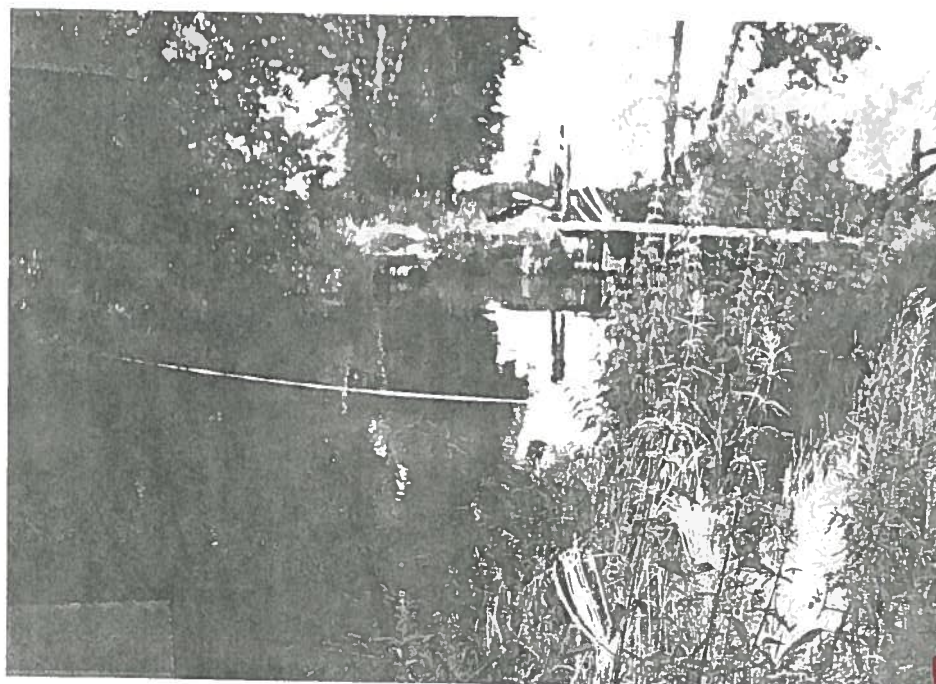


PHOTO
R72-18
by SCC

6-30-93

ABOVE 1ST DIVERSION to
WESTER GARD

MICROFILMED
NOV 01 1994

NAME OF STREAM OR DITCH ----- UPPER MCGOWAN DITCH
 LOCATION ----- ABOVE 1ST DIVERSION 50 FT
 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

WATER RIGHT NUMBER IF APPLICABLE ----- ~~AZ-00174-8-00172~~
 AGENT CONDUCTING MEASUREMENT & DATE -- ~~KK-8-03-93~~ SEC 6-30-93
 ACCOMPANIED BY ----- ~~NO ONE N/A~~
 PREMEASUREMENT SPIN TEST (MIN/SEC) -- ~~OK~~
 POST MEASUREMENT SPIN TEST (MIN/SEC) - OK

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

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
1.00		1.00	0.60	0.30	0	47.0		0.25	0.075	0.12		0.00	0.00
1.50		1.50	1.00		5	47.0		0.50	0.300	0.18		0.25	0.00 0.05
2.00		2.00	1.30		10	34.0		0.75	0.750	0.25		0.19	
3.00		3.00	1.75		20	48.0		1.00	1.300	0.66		0.86	
4.00		4.00	2.30		25	54.0		1.00	1.750	0.93		0.93	
5.00		5.00	2.40		25	40.0		1.00	2.300	1.03		1.03	
6.00		6.00	2.45		25	42.0		1.00	2.400	1.38		1.38	
7.00		7.00	2.45		25	38.0		1.00	2.400	1.32		1.32	
8.00		8.00	2.65		30	47.0		1.00	2.650	1.41		1.41	
9.00		9.00	2.65		30	43.0		1.00	2.650	1.54		1.54	
10.00		10.00	2.70		30	45.0		1.00	2.700	1.47		1.47	
11.00		11.00	2.65		30	52.0		1.00	2.650	1.41		1.41	
12.00		12.00	2.30		20	39.0		1.00	2.300	0.86		0.86	
13.00		13.00	1.70		10	40.0		1.00	2.000	0.58		0.58	
14.00		14.00	1.30		10	53.0		1.00	1.700	0.57		0.57	
15.00		15.00	0.70		0			1.00	1.300	0.43		0.43	
16.00		16.00						0.51	0.354	0.30			
17.00		17.00						0.01	0.002	0.24			
END				0.35									

35.45 of

calculated other flows based on 70% of velocity of previous station.

See MICROFILMED 10-20-08 01 1994

Water Right No
(if applicable)

A. GENERAL INFORMATION

- ## B. MEASUREMENT DATA

Angle co-efficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or	Area	Discharge
							At point	Mean in vertical			
LEW	1.0		Ø		Ø						
	1.5		.6		Ø						
	2.0		1.0	.6	5	47					
	3.0		1.3	.6	10	34					
	4.0		1.75	.6	20	48					
	5.0		2.3	.6	25	54					
	6.0		2.4	.6	25	40					
	7.0		2.4	.6	25	42					
	8.0		2.45	.6	25	38					
	9.0		2.65	.6 *	30	47					
	10.0		2.65	.6 *	30	43					
	11.0		2.7	.6 *	30	45					
	12.0		2.65	.6 *	30	47					
	13.0		2.30	.6	20	52					
	14		2.0	.6	10	39					
	15		1.7	.6	10	40					
	16		1.3		10	53					
	17		0.7		Ø						

MICROFILMED
NOV 01 1994

MICROFILMED
NOV 01 1994

NAME OF STREAM OR DITCH ----- UPPER MCGOWAN DITCH; SALMON RIVER
 LOCATION ----- BELOW FISH SCREEN S27 200 FT
 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

WATER RIGHT NUMBER IF APPLICABLE -----
 AGENT CONDUCTING MEASUREMENT & DATE -- SCC 6-30-93
 ACCOMPANIED BY ----- N/A
 PREMEASUREMENT SPIN TEST (MIN/SEC) --- OK 3:20
 POST MEASUREMENT SPIN TEST (MIN/SEC) - OK 3:20

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

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST REVS	VELOCITY DATA		CALC WIDTH	AREA		CALCULATED VELOCITY			DISCHARGE IN CFS
						1ST MEASUREMENT	2ND MEASUREMENT		IN SQ FT	VELOCITY	1ST POINT	2ND POINT	MEAN	
						TIME/SEC	TIME/SEC				VELOCITY	VELOCITY	VELOCITY	
1.00		1.00	0.30	0.15	5	49.0		0.25	0.038		0.24		0.12	0.00
1.50		1.50	0.55		10	43.0		0.50	0.150		0.24		0.24	0.04
2.00		2.00	0.55		15	47.0		0.75	0.413		0.53		0.53	0.22
3.00		3.00	1.10		20	43.0		1.00	1.100		0.72		0.72	0.79
4.00		4.00	1.75		35	52.0		1.00	2.300		1.03		1.03	1.81
5.00		5.00	2.30		30	43.0		1.00	2.500		1.49		1.49	3.42
6.00		6.00	2.45		30	43.0		1.00	2.450		1.54		1.54	3.78
7.00		7.00	2.50		30	43.0		1.00	2.500		1.62		1.62	3.85
8.00		8.00	2.50		35	41.0		1.00	2.500		1.88		1.88	4.70
9.00		9.00	2.50		35	42.0		1.00	2.450		1.84		1.84	4.50
10.00		10.00	2.45		30	46.0		1.00	2.200		1.44		1.44	3.17
11.00		11.00	2.20		30	45.0		1.00	2.300		1.47		1.47	3.39
12.00		12.00	2.30		30	51.0		1.00	2.100		1.30		1.30	2.73
13.00		13.00	2.10		25	48.0		1.00	1.700		1.16		1.16	1.96
14.00		14.00	1.70		12	49.0		1.00	1.150		0.55		0.55	
15.00		15.00	1.15					0.51	0.303		.386			
16.00		16.00	0.60					0.01	0.002		.27			
END				0.30										

70% to adj to

39.16 cfs

Calculated flow based on 70% velocity of the previous station.

10-19-93

MICROFILMED
 NOV 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Water Right No.
(if applicable)

Open Channel Discharge Measurement Notes

A. GENERAL INFORMATION

- Name of stream or ditch: Upper McGowan Ditch @ Fish Screen on Salmon
- Location: 200' Below the Fish Screen S27
- Person conducting measurement: STEVE CLELLAND
- Date and time of measurement: 6-30-93 2pm - 2:49pm
- Accompanied by: N/A
- Measuring device size and ID no.: # 090148 AA
- Spin test before measurement OK? yes 3:26 min after measurement OK? OK
- Purpose of measurement: AJ claims for

Wadley and
Chivers
Hansen & Robins

B. MEASUREMENT DATA

Angle co-efficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or	Area	Discharge
							At point	Mean in vertical			
LEW	1.0		Ø		Ø						
	1.5		.3	.5	5	49					
	2.0		.55	.6	10	43					
	~~2.5~~		1.1	.6	~~15~~	~~47~~					
	3.0				15	47					
	~~3.5~~				—	—					
	4.0		1.75	.6	20	43					
	~~4.5~~				—	—					
	5.0		2.3	.6	35	52					
	~~5.5~~				—	—					
	6.0		2.45	.6	30	43					
	~~6.5~~				—	—					
	7.0		2.5	.6	30	43					
	8.0		2.5	.6	30	41					
	9		2.5	.6	35	41					
	10		2.45	.6	35	42					
	11		2.2	.6	30	46					
	12		2.3	.6	30	45					
	13		2.1	.6	20	51					
	14		1.7	.6	25	41					

MICROFILMED
NOV 01 1994

270-36

243-38

441415

ed & Matched

CLAIM A72-10235 INIT sen

T. R. S. Q/Q 2-4-94

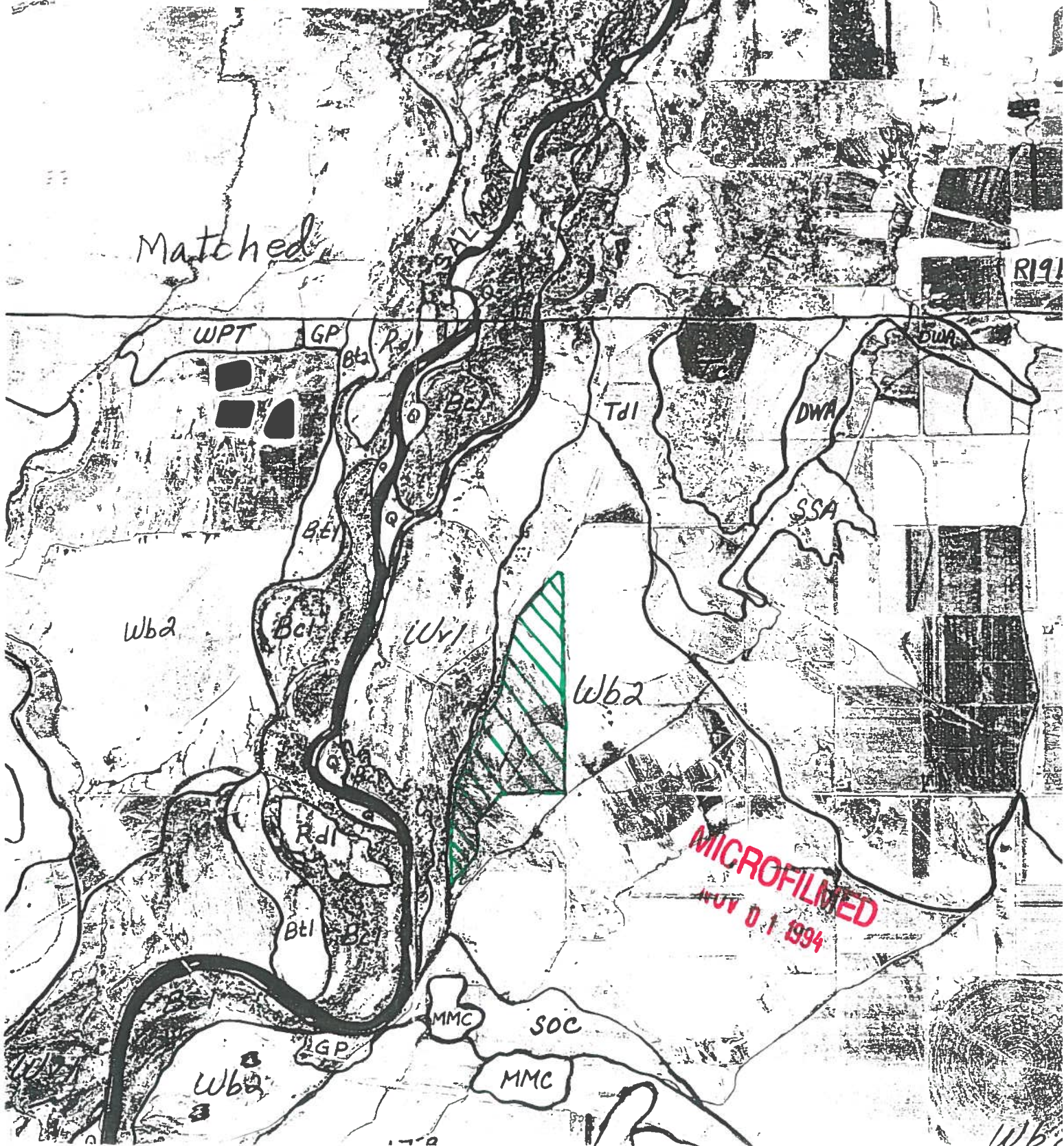
P/D

PHOTO HAP # 441415 243-38

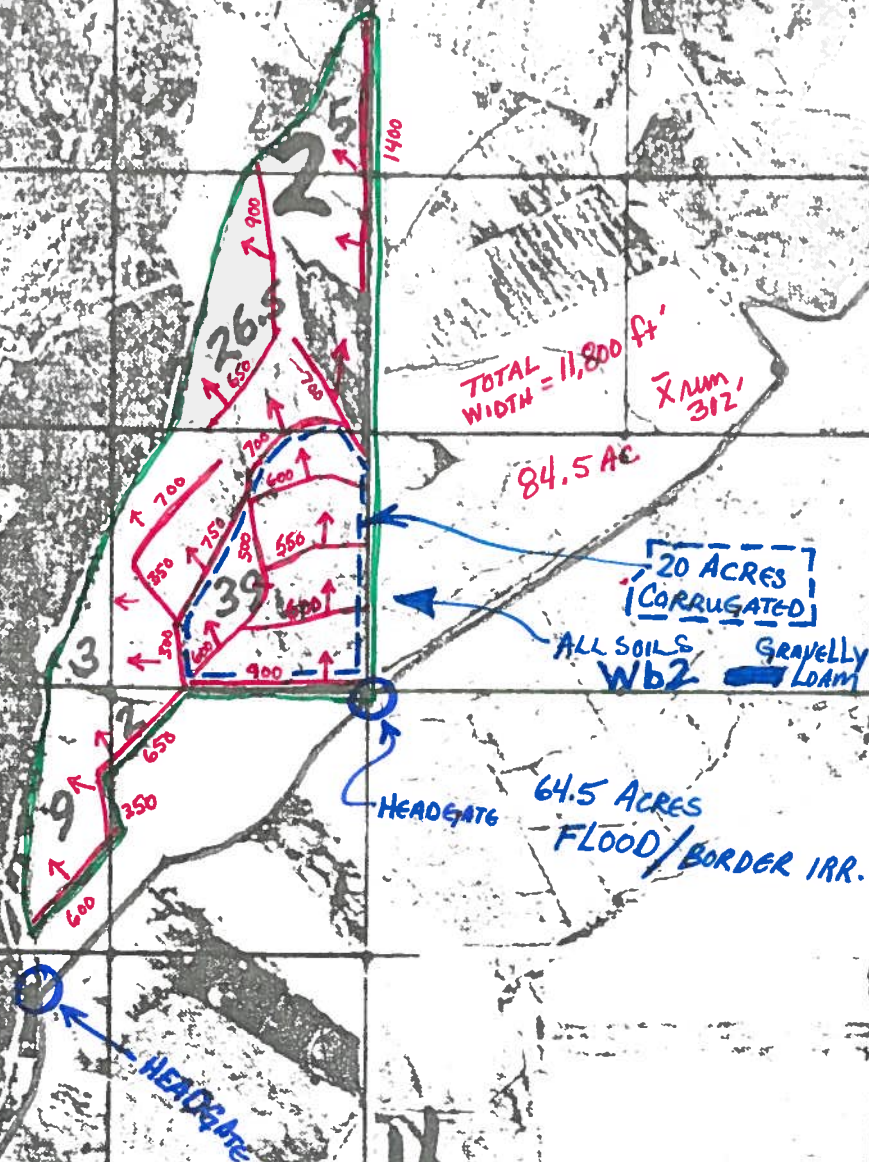
DT.&ID. 9-2-84 (SOILS MAP)

POOR ORIGINAL

Matched



POOR ORIGINAL



Hubble analysis
& Convergence loss Review:
2-4-94 see

A72-10235

MICROFILMED

NOV 01 1994

GRADED BORDER EVALUATION

Job name: A72-10235
By: SCC

Location: WB2 SOIL 64.5 AC PAST
Date: Feb 4, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 388 ft
Net application (Fn)= 1.59 inches Border length (L)= 345 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)	Note
6.30	Gross depth is less than required gross application depth					
6.31	Gross depth is less than required gross application depth					
6.32	0.016	16.32	14.71	0.02	9.7	
6.33	0.016	16.34	14.71	0.04	9.7	
6.34	0.016	16.37	14.71	0.07	9.7	
6.35	0.016	16.39	14.71	0.09	9.7	
6.36	0.016	16.42	14.71	0.12	9.7	
6.37	0.016	16.45	14.71	0.15	9.7	
6.38	0.016	16.47	14.71	0.17	9.7	
6.39	0.016	16.50	14.71	0.20	9.6	
6.40	0.016	16.52	14.71	0.22	9.6	

$$\frac{6.32 \text{ cfs}}{64.5 \text{ Ac}} = 0.098 \text{ cfs/Ac.}$$

Based on flood irrigation
on a 7 day rotation per
claimant.

MICROFILMED

NOV 01 1994

CLAIM NO. --- A72-10235 Lotus Program:
 AGENT ----- SCC IRR-PRAC.WK3
 DATE ----- 02/04/94 Date form revised:
 4/21/93 by KKC

 SOIL CHARACTERISTICS

Soil Type = WB2; Zer...GRAVELLY LOAM
 Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family
lower	upper	lower	upper	lower	upper	lower	upper			flood furrow
0	3	0.11	0.16	7.4	8.4	1	2	1	1.47	2 0.55
3	9	0.1	0.15	7.4	9			1	1.58	
9	21	0.08	0.13	7.9	9			3	3.18	
21	32	0.03	0.08	7.9	9			4	3.66	alternate
32	60	0.03	0.05	7.9	9			5	4.14	method
										NA NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD	FIELD NOTES AND CALCULATIONS				
				FIELD 1	FIELD 2	FIELD 3	FIELD 4	
				FIELD WIDTH	8150			
				IRRIGATION DAYS	7			
				DRY DAYS	0			
				SET TIME(hours)	8			
alfalfa (hay or seed)	5	0.5	2.07	CALCULATED RUN (run = acres*43560/width)				
corn (field or silage)	4	0.5	1.83	RUN = 345				
grain (winter or spring)	4	0.5	1.83	CALCULATED BORDER WIDTH (ditch length/irr days * cha				
pasture (or grass hay)	3	0.5	1.59	WIDTH = 388				
other (enter below)				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD = 1.59				
				ROTATION = 6.9 DAYS				

 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
 Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)						
				mar	apr	may	jun	jul	aug	sep
PASTURE	64.5	FLOOD	12.7	1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA			12.7	1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary 64.5 13 1.47 3.84 4.87 5.86 4.56 3.23 2.07
 Peak Net Irrigation Requirement (mm/day) = 5.86

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

MICROFILMED

NOV 01 1994

SOIL CHARACTERISTICS

Soil Type = WB2; Zer...GRAVELLY LOAM

Source of Soils Data = Printout From SCS State Office

CLAIM NO. --- A72-10235
AGENT ----- SCC
DATE ----- 02/04/94

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

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	3	0.11	0.16	7.4	8.4	1	2	1	1.47	2	0.55
3	9	0.1	0.15	7.4	9			1	1.58		
9	21	0.08	0.13	7.9	9			3	3.18		
21	32	0.03	0.08	7.9	9			4	3.66	alternate	
32	60	0.03	0.05	7.9	9			5	4.14	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD
alfalfa (hay or seed)	5	0.5	2.07
corn (field or silage)	4	0.5	1.83
grain (winter or spring)	4	0.5	1.83
pasture (or grass hay)	3	0.5	1.59
other (enter below)			

FIELD NOTES AND CALCULATIONS				
	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	3750			
IRRIGATION DAYS	8.4			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
RUN =	232			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	149			
THEORETICAL ROTATION (mad/net irr req in inches per				
SELECTED MAD =	2.07			
ROTATION =	8.4 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

		recomm.		Net Irrigation Requirement (mm/day)						
crop	acres system	eff.	mar	apr	may	jun	jul	aug	sep	oct
PASTURE	FLOOD	12.7		1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA	20 FURROW	12.7		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary 20 13 1.28 4.51 5.65 6.25 4.45 2.52 0.70

Peak Net Irrigation Requirement (mm/day) = 6.25

Program Operation based upon

"GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES"
HUBBLE ENGINEERING INC. OCTOBER 1991

Soil Characteristics based upon

SOIL CONSERVATION SERVICE STUDIES

Peak Irrigation Diversion based upon ALLEN & BROCKWAY WEATHER INFORMATION 1983

MICROFILMED

NOV 01 1994

A72-10235

INTAKE FAMILY	DESIGN APPLIC.	FURROW SLOPE	FURROW SPACING	FURROW LENGTH	INFLOW RATE	APPROXIMATE INFLOW TIME	ADVANCE TIME	GROSS IRRIGATION APPLICATION	NET IRRIGATION APPLICATION	RUNOFF	DEEP PERC.	IRRIGATION EFFICIENCY
	Inches	Ft/Ft	Feet	Feet	Gpm	Hours	Minutes	Inches	Inches	Inches	In.	%
0.55	2.07	.010	2.50	232	5	12	16.1	9.96	3.17	6.75	1.13	20.79
0.55	2.07	.010	2.50	232	4	12	18.8	7.97	3.07	4.86	1.04	25.99
0.55	2.07	.010	2.50	232	3	12	24.2	5.97	2.95	2.98	0.92	34.65
0.55	2.07	.010	2.50	232	2	12	40.3	3.98	2.77	1.13	0.78	51.98
0.55	2.07	.010	2.50	232	2	12	40.3	3.98	2.77	1.13	0.78	51.98

20 Acres alfalfa

2-4-94
SCC

$$F.I.R. = 4.2 \frac{\text{Net Req}}{\text{EFF.}\%}$$

$$\begin{aligned} \text{Net Req:} \\ 6.25 \text{ mm/DAY} \\ 25.4 \text{ mm/in} \end{aligned}$$

$$FIR = 4.2 \frac{(6.25 \div 25.4)}{51.98\%}$$

$$= 4.2 \frac{0.246 \text{ in/DAY}}{51.98\%}$$

$$= 0.02 \text{ cfs/Ac.}$$

$$20 \times 0.02 \text{ cfs/Ac} = \underline{\underline{0.40 \text{ cfs}}}$$

MICROFILMED

NOV 01 1994

GRADED BORDER EVALUATION

Job name: A72-10235
By: SCC

Location: WB2 SOIL 20 AC ALFALFA
Date: Feb 4, 1994

Roughness coefficient (n)= 0.150 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 149 ft
Net application (Fn)= 2.07 inches Border length (L)= 232 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)	Note
1.60	Gross depth is less than required gross application depth					
1.61	Gross depth is less than required gross application depth					
1.62	Gross depth is less than required gross application depth					
1.63	0.011	16.30	14.22	0.00	12.7	
1.64	0.011	16.40	14.22	0.10	12.6	
1.65	0.011	16.50	14.22	0.20	12.5	
1.66	0.011	16.60	14.22	0.30	12.5	
1.67	0.011	16.70	14.22	0.40	12.4	
1.68	0.011	16.80	14.22	0.50	12.3	
1.69	0.011	16.90	14.22	0.60	12.3	

$$\frac{1.63 \text{ cfs}}{20 \text{ Ac}} = 0.082 \text{ cfs/Ac.}$$

→ for comparison w/
furrow analysis.

MICROFILMED

NOV 01 1994

Rocky
WesterGARD

4192

lower McGowan

15 cfs 299 Ac.

= 0.05 / Ac

10235

upper McGowan

10 cfs 95 Ac

= 0.10 / Ac

POOR ORIGINAL

meas.

upper 3X HDGT
FISH Sec.
1ST Div.

lower:

Copy of Field Notes
6-30-93 by SEC

upper McGowan

Doug ROBINS

G. CHIVERS

Cliff Hansen

(across from chamberlain)

Lower

all Flood in

7-10 days

No Dry days

2-12 Hour

sets = Varies w/ field & River

RUNs: 250-300' overage EST

Upper

used flood irrig.
fields rotation
as given above

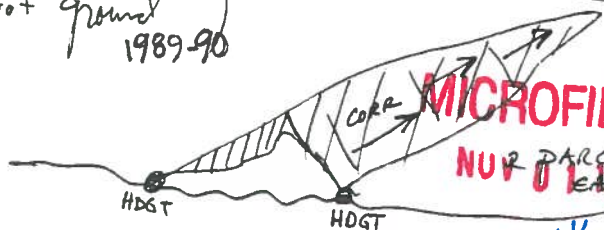
corrugated (@ Pivot ground 1989-90)

16 days

2-12 hr sets

250'-300' Run

per Review 2-4-94
SEC



MICROFILMED

NOV 01 1994

2 PARCELS
16 days
w/in the
Corrugated fields

POOR ORIGINAL

CLAIM NO. --- A72-10235
AGENT ----- SCC
DATE ----- 02/04/94

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

SOIL CHARACTERISTICS

Soil Type = WB2; Zer...GRAVELLY LOAM
Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	3	0.11	0.16	7.4	8.4	1	2	1	1.47	2	0.55
3	9	0.1	0.15	7.4	9			1	1.58		
9	21	0.08	0.13	7.9	9			3	3.18		
21	32	0.03	0.08	7.9	9			4	3.66	alternate	
32	60	0.03	0.05	7.9	9			5	4.14	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD	FIELD NOTES AND CALCULATIONS			
				FIELD 1	FIELD 2	FIELD 3	FIELD 4
				FIELD WIDTH	8150	0	
				IRRIGATION DAYS	32		
				DRY DAYS	16		
				SET TIME(hours)	8		
alfalfa (hay or seed)	5	0.5	2.07	CALCULATED RUN (run = acres*43560/width)			
corn (field or silage)	4	0.5	1.83	RUN = 345			
grain (winter or spring)	4	0.5	1.83	CALCULATED BORDER WIDTH (ditch length/irr days * cha			
pasture (or grass hay)	3	0.5	1.59	WIDTH = 57			
other (enter below)				THEORETICAL ROTATION (mad/net irr req in inches per			
				SELECTED MAD = 1.59			
				ROTATION = 6.9 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

crop	acres	system	recomm. eff.	mar	Net Irrigation Requirement (mm/day)						
					apr	may	jun	jul	aug	sep	oct
PASTURE	64.5	FLOOD	12.7		1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA		FLOOD	12.7		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary 64.5 13 1.47 3.84 4.87 5.86 4.56 3.23 2.07

Peak Net Irrigation Requirement (mm/day) = 5.86

Example Based on 16 day rotation w/ 16 dry days for a total 32 day rotation. Ran this to clarify my field notes - 16 day rotations

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

Soil Characteristics based upon SOIL CONSERVATION SERVICE STUDIES

Peak Irrigation Diversion based upon ALLEN & BROCKWAY WEATHER INFORMATION 1983

NOV 01 1994

are not in reference to the Flood irrigation areas Only to the Conjugation areas 2-4-94 SCC

GRADED BORDER EVALUATION

Job name: A72-10235
By: SCC

Location: WB2 SOIL 64.5 AC PAST
Date: Feb 4, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 57 ft
Net application (Fn)= 1.59 inches Border length (L)= 345 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)	Note
0.90	Gross depth is less than required gross application depth					
0.91	Gross depth is less than required gross application depth					
0.92	Gross depth is less than required gross application depth					
0.93	0.016	16.34	14.71	0.04	9.7	
0.94	0.016	16.52	14.71	0.22	9.6	
0.95	0.017	16.70	14.71	0.39	9.5	
0.96	0.017	16.87	14.71	0.57	9.4	
0.97	0.017	17.05	14.71	0.75	9.3	
0.98	0.017	17.22	14.71	0.92	9.2	
0.99	0.017	17.40	14.71	1.10	9.1	
1.00	0.018	17.57	14.71	1.27	9.0	

Not as Recommended

For clarification:
I ran this study to show the
"16 days" rotation as noted in my
field notes is unreasonable &
misleading as written.

2-4-94
SCC

MICROFILMED
NOV 01 1994

Water Right Number - 72-00241 Adj. Flag Translation: Standard Water Right Number Old (D) Number -

*** C - CURRENT OWNER ***
Last Name - First Name - Address -
PAUL, ET. AL.
1 -
2 -
3 -
City - State - Zip -
RIGGS Phone -

Priority Date - + 17 Region - + Stage - + Status - +
06/01/1890 D - DECREED

SOURCE
SALMON RIVER

TRIBUTARY
SNAKE RIVER

Twn Rng Sec Tract Lot Rflg County Point of Diversion Stream Index (Blank if no Index Code)
13N 19E 16 SW SE 5 (37) CUSTER

Code Description Period From Period To Water Use Diversion Rate Diversion Volume
01 - IRRIGATION 4.000

Total Div. Rate - + Total Div. Volume - + Total Div. Capacity - + Total Consumptive Use - + KW Usage - +
4.000

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
14N	19E	35	NE SW	6			01	IRRIGATION	(37) CUSTER
14N	19E	35	NW SW		6		01	IRRIGATION	(37) CUSTER
14N	19E	35	NE SE				01	IRRIGATION	(37) CUSTER
14N	19E	35	NW SE				01	IRRIGATION	(37) CUSTER
14N	19E	35	SW SE				01	IRRIGATION	(37) CUSTER
14N	19E	35	SE SE				01	IRRIGATION	(37) CUSTER
14N	19E	36	NW SW				01	IRRIGATION	(37) CUSTER
14N	19E	36	SW SW				01	IRRIGATION	(37) CUSTER

Total Acres:

POV
A 72-10225

- - - Diversion Means - VIA UPPER MCGOWAN DITCH

- - - Non-Irrigation Use -

- - - Other Rights for Same Use -

Remarks
RT. IS FOR 10% OF FLOW IN UPPER MCGOWAN DITCH, UP TO 4 CFS.
P/U INCOMPLETE. SEE DECREE & MAP IN FILE.

MICROFILMED
NOV 01 1994

Adj. flag translation: Standard Water Right Number

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

CHIVERS ET AL	- - - - Decree Plaintiff	- - - +	+ - Decree Date - + 04/24/1951
JOHNSON ET AL	- - - - Decree Defendant	- - - +	

```

+ - - Audit Fields - 12/09/85      05/28/88  CONVERT

```

[illegible]

Proof Due Date	- 00/00/0000	Field Exam Made	- 00/00/0000	Field Exam Fee	-
Approved/Denied	- 00/00/0000	Protested Date	- 00/00/0000	Swan Falls	-
Proof Made Date	- 00/00/0000	Hearing Date	- 00/00/0000	Temporary Right	- P
Start Work Date	- 00/00/0000	Verified Date	- 12/09/1985	DLE/Carrey Act	-
Order Show Cause	- 00/00/0000	Receipt Number	-	Water District	- 000
Issued Date	- 00/00/0000	Appl Received	- 00/00/0000	Transfer/Amended	-
Decree Date	- 04/24/1951				

MICROFILMED
NOV 01 1994

Water Right Number - 72-00243

Adj. Flag Translation: Standard Water Right Number

Old (D) Number -

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

*** C - CURRENT OWNER ***
BURSTEDT

FRANK

1 -
2 -
3 -
City-
Phone -
State- Zip-
1 -
2 -
3 -
City-
Phone -
State- Zip-

BURSTEDT

ENID

1 -
2 -
3 -
City-
Phone -
State- Zip-

+ - - Priority Date - - + + - - - Region - - - + + - - Stage - - - + + - - Status - - - +
06/01/1890 17 D - DECREED

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

+ - - - - Rng Sec Tract Lot Rflg County Point of Diversion - - - - - Stream Index (Blank if no Index Code)
13N 19E 16 SW SE 5 (37) CUSTER

+ - - - - Code Description Period From Water Use - - - - - Diversion Rate Diversion Volume
01 - IRRIGATION 6.000

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
6.000

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
13N	19E	2	NW NE	2		01	IRRIGATION	(37) CUSTER	
13N	19E	2	NE NW	3		01	IRRIGATION	(37) CUSTER	
13N	19E	2	NW NW	3		01	IRRIGATION	(37) CUSTER	
13N	19E	2	SW NW	5		01	IRRIGATION	(37) CUSTER	
13N	19E	2	SE NW			01	IRRIGATION	(37) CUSTER	
13N	19E	2	NE SW			01	IRRIGATION	(37) CUSTER	
13N	19E	2	NW SW			01	IRRIGATION	(37) CUSTER	
13N	19E	2	SW SW			01	IRRIGATION	(37) CUSTER	
13N	19E	2	SE SW			01	IRRIGATION	(37) CUSTER	
13N	19E	3	SE NE	6		01	IRRIGATION	(37) CUSTER	
13N	19E	3	NE SE	6		01	IRRIGATION	(37) CUSTER	
13N	19E	3	SW SE	10		01	IRRIGATION	(37) CUSTER	
13N	19E	3	SE SE	10		01	IRRIGATION	(37) CUSTER	
13N	19E	10	NE NE	1		01	IRRIGATION	(37) CUSTER	
13N	19E	11	NW NW	1		01	IRRIGATION	(37) CUSTER	
14N	19E	35	SE SW	9		01	IRRIGATION	(37) CUSTER	

REPROFILED
Nov 01 1994

