

Ownership Change

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: A71-02079
Date Received: 1/12/1990
Receipt No: S010940
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: J ROBB BRADY 208-523-1954
Address: 314 E SUNNYSIDE RD
IDAHO FALLS ID 83404

2. Date of Priority: OCT 18, 1949

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

4. Point of Diversion:

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

5. Description of diverting works:
HEADGATE 4' X 2', TO DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	11/01	6.200		

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

8. Total consumptive use is 620.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
08N	14E	6	SW	NE		IRR	40.0
			SE	NE		IRR	40.0
			NE	NW		IRR	40.0
			NW	NW		IRR	35.0

001/11/1994

10. Place of Use: Continued

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
08N	14E	6	SW		NW		IRR	35.0
			SE		NW		IRR	40.0
			NE		SE		IRR	40.0
			NW		SE		IRR	40.0

Section Acres 310.0

Total Acres 310.0

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:
A71-10663

14. Remarks:

15. Basis of Claim: LICENSE

Water Right Number: 21260

16. Signature(s)

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

Number of attachments: _____

For Individuals:

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

Signature of Claimant(s): _____ Date: _____

_____ Date: _____

MICROFILMED

OCT 27 1994

State of Idaho)
) SS.
County of _____)

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

Notary Public

Seal

Residing at _____

My Commission Expires _____

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JUL 2 / 1994

LAW OFFICES

HOLDEN, KIDWELL, HAHN & CRAPO

IDAHO FALLS OFFICE

FRED J. HAHN
KENT W. FOSTER
ROBERT E. FARNAM
WILLIAM D. FALER
STEPHEN E. MARTIN
CHARLES A. HOMER
GARY L. MEIKLE
GAYLE A. SORENSON, P.A.
DONALD L. HARRIS
MARIE T. TYLER
JOHN G. SIMMONS, P.A.
ROBERT M. FOLLETT
KUMEN L. TAYLOR
JAMES K. SLAVENS

WEST ONE BANK
P.O. BOX 50130
330 SHOUP AVENUE
IDAHO FALLS, IDAHO 83405

TELEPHONE (208) 523-0620
TELEFAX (208) 523-9518

KEY FINANCIAL CENTER
702 W. IDAHO SUITE 810
BOISE, IDAHO 83702

TELEPHONE (208) 343-0820
TELEFAX (208) 343-8078

BOISE OFFICE

RANDALL B. REED
FREDERICK J. HAHN III
RONALD D. CHRISTIAN

ARTHUR W. HOLDEN
(1877-1967)
ROBERT B. HOLDEN
(1911-1971)
TERRY L. CRAPO
(1939-1982)
WILLIAM S. HOLDEN
(1907-1988)

August 30, 1993

Allen Merritt, Adjudication Supervisor
IDAHO DEPARTMENT OF WATER RESOURCES
222 Shoshone Street East
Twin Falls, Idaho 83301

RECEIVED

AUG 31 1993

Department of Water Resources
Southern Region Office

RE: SRBA Claim #A71-02079 -- J. Robb Brady

Dear Mr. Merritt:

We have now been able to secure from the Thomas M. O'Gara Family Trust an Assignment of the above notice of claim together with a notice concerning water rights for property which has been executed by both parties. We enclose the same for filing in this matter. Thank you for your continued assistance.

Yours very truly,



Kent W. Foster

#3302.00/kep

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OCT 27 1994

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1993

Department of Water Resources
Boise, Idaho

State of Idaho

Department of Water Resources

ASSIGNMENT OF NOTICE OF CLAIM(S)

The Thomas M. O Gara Family Trust, by Thomas M. O Gara, Trustee,
hereby assign to J. Robb Brady and Rose P. Brady, husband and wife,
of 314 East Sunnyside Road, Idaho Falls, Idaho 83404.

All my right, title, and interest in and to Notice of
Claim No(s). A71-02079
to a Water Right Acquired Under State Law.

Made this 11 day of August, 1993.

Signature of Claimant

Thomas M. O Gara, Trustee
The Thomas M. O gara Family Trust

STATE OF IDAHO)
County of Blaine) ss.

On this 11th day of August, 1993, personally appeared
before me the signer of the above instrument, who duly acknowledged
to me that he executed the same.

Notary Public Donna Smith
Residing at Blaine
My Commission Expires Jan 1994

0314m

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OCT 27 1994

RECEIVED

AUG 24 1993

NOTICE CONCERNING WATER RIGHTS FOR PROPERTY
(to be mailed to the Idaho Department of Water Resources)

DATE OF CLOSING: March 24, 1993.

LEGAL DESCRIPTION OF PROPERTY: (lot and block, where applicable, and Township, Range, Section, sixteenth section)

The South Half of the Northeast Quarter (S1/2NE1/4; Lots 3, 4 and 5; the Southeast Quarter of the Northwest Quarter (SE1/4NW1/4), and the North Half of the Southeast Quarter (N1/2SE1/4), all in Section 6, Township 8 North, Range 14 East, Boise Meridian.

[] Served Only by a Public Service Water Supply (domestic water is received from a city or company who maintains water supply system, owns the water right, and bills the customer on a regular basis)

[x] Water Right Number: A71-02079

[x] Name and Address of Former Owner/Claimant(s): The Thomas M. O Gara Family Trust
Thomas M. O Gara, Trustee
c/o Brian Barsotti
P.O. Box 2133
Ketchum, ID 93340

[x] New Owner/Claimant(s): J. Robb Brady

[x] New Mailing Address: 314 East Sunnyside Road
Idaho Falls, ID 83404

[x] New Telephone Number: (208)522-1800 ext. 205

[x] Does the change in ownership result in a splitting of the water right claimed? yes X no

If yes, then describe the portion of the water right that is now claimed by the new owner:

NA

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OCT 27 1994

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[] Signature of New
Owner/Claimant(s):

J. Robb Brady

Date:

[] Signature of Former
Owner/Claimant(s):

Thomas M. O Gara, Trustee
The Thomas M. O Gara Family Trust

Date:

[] Attach proof of
ownership, describe
proof attached:

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

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: By:

Further Action Needed:

Further Action Taken

Dated: By:

Final Review and Data-Entry

Dated: By:

Claim Numbers of Split, if any:

1825g(19-20)

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OCT 27 1994

ROSHOLT, ROBERTSON & TUCKER

Chartered
ATTORNEYS AT LAW

JOHN A. ROSHOLT
J. EVAN ROBERTSON
JAMES C. TUCKER
GARY D. SLETTE
JERRY V. JENSEN
BRUCE M. SMITH
GARY L. QUIGLEY
JUSTIN R. SEAMONS
JOHN O. FITZGERALD
D. BERNARD ZALEHA

Twin Falls Office
142 3rd Ave. North
P.O. BOX 1906
TWIN FALLS, IDAHO 83303-1906
TELEPHONE (208) 734-0700
FAX (208) 736-0041

Boise Office
1020 MAIN STREET, SUITE 400
P.O. BOX 2139
BOISE, IDAHO 83701-2139
TELEPHONE (208) 336-0700
FAX (208) 334-6034

February 5, 1992

Attention: Judy Givens
Southern Region
Idaho Department of Water Resources
222 Shoshone St. E.
Twin Falls, ID 83301

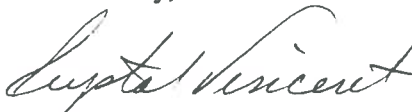
RE: SRBA CLAIMS IN THE SOUTHERN REGION

Dear Judy:

The attached is a list of our clients for whom we filed claims in the SRBA, and who by signing and returning a letter to our office, have requested that we continue to represent them in the adjudication process.

The claims highlighted identify those we filed in your region. Please check these claims and make certain that we are shown on your computer as representative, in order for us to receive the mailings from the department and perform the required service for our clients in a timely manner.

Yours truly,


Crystal Vincent

CV:mw
02059207.CV

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MAR 17 1993

RECEIVED NOV 23 1991

BRIAN BARSOTTI

ATTORNEY AT LAW

GREYHAWK ALPINE CENTER

WARM SPRINGS VILLAGE

P. O. BOX 2133

KETCHUM, IDAHO 83340

208/726-3030 FAX NO. 208/726-2922

OF COUNSEL TO

ROARK, DONOVAN, PRAGGASTIS,

ELKINS & PHILLIPS

ADMITTED TO THE PRACTICE
OF LAW IN IDAHO AND
CALIFORNIA

November 21, 1991

John Rosholt
Rosholt, Robertson & Tucker
P. O. Box 1906
Twin Falls, Idaho 83303-1906

Re: General Adjudication of Rights to the Use of Water
from the Snake River Basin Water System, Case
No. 39576, District Court for Twin Falls County,
Idaho

Dear John:

Barrett
I am in receipt of your letter dated November 15, 1991,
regarding Claim No. A71-02079, Claimant: Thomas M. O'Gara; O'Gara
Family Trust.

In that letter you state that it is your understanding that I
am representing Mr. O'Gara. Your office has represented the O'Gara
family on all matters relating to their water rights, upon my
referral. As I do very little, if any, water rights work, we
sought your representation with respect to all water rights matters
related to the Silver Springs Ranch. In the past, we had been
working closely with Frank Hitchcock, under your guidance, relative
to the Silver Springs Ranch water rights and issues.

I assume, with regard to the O'Gara/Silver Springs Ranch, that
only one claim need be made on their behalf relative to the SRBA.

On behalf of Mr. O'Gara, I request that you continue to
represent him with respect to the SRBA matter.

With respect to another matter, I have been referred your
letter of November 15, 1991, to Marilyn Yore, of the Buckeye Farms,
Inc., in Hagerman, for response.

I am a shareholder in Buckeye Farms, Inc., and have been asked
to monitor the water rights issues and your activities related
thereto. In that letter the Claimant is Buckeye Farms, Inc., and

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MAR 17 1993

John Rosholt
Rosholt, Robertson & Tucker
November 21, 1991
Page 2

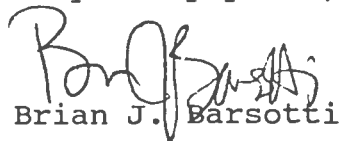
Buckeye Land Co., with Claim No.(s) A36-11146; A36-00018; A36-00017; A36-00001; A36-00002; A36-00003H; A36-00015; A36-00016; A36-00046.

Again, I would ask that you file a Notice of Appearance on behalf of Buckeye Farms, Inc. Perhaps the Notice of Appearance could include me as co-counsel on both the Buckeye Farms and Silver Springs Ranch matters so that I might be able to monitor any documents. I am not familiar with the water rights issues, but if I have questions I can contact you to better educate myself as to the process and, hopefully, contribute if at all possible in your representation and assist you in obtaining the necessary information regarding the water rights of these two ranches.

I am enclosing the requested authorization form which I have executed on behalf of Buckeye Farms, Inc. All matters in terms of meetings to discuss the adjudication should be directed to me and I will be representing Buckeye Farms on this matter, together with other shareholders who are on a water committee for the corporation.

If you have any questions about any of the above, please do not hesitate to contact me.

Very truly yours,


Brian J. Barsotti

BB/k/13
Enc.

cc: Marilyn Yore
Mike Wallace
Alex Higgins
Stoney Burke

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: A71-02079
Date Received: 1/12/1990
Receipt No: S010940
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: O GARA FAMILY TRUST 208-726-3030
Address: C/O BRIAN BARSOTTI
P.O. BOX 2133
KETCHUM, ID 83340

AND/OR

Name: THOMAS M. O GARA 208-726-3030
Address: C/O BRIAN BARSOTTI
P.O. BOX 2133
KETCHUM, ID 83340

2. Date of Priority: OCT 18, 1949

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	8	SE	SE	SE		CUSTER

5. Description of diverting works:
HEADGATE 4' X 2', TO DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	6.200		

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

8. Total consumptive use is 620.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

A71-02079

Page 1

Date: 01/12/90

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MAR 17 1993

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
08N	14E	6	SW		NE		IRR	40.0
			SE		NE		IRR	40.0
			NE		NW		IRR	40.0
			NW		NW		IRR	35.0
			SW		NW		IRR	35.0
			SE		NW		IRR	40.0
			NE		SE		IRR	40.0
			NW		SE		IRR	40.0
							Section Acres	310.0
							Total Acres	310.0

11. Place of use in counties: CUSTER

12. Do you own the property listed above as place of use? NO

13. Other Water Rights Used:
NONE

14. Remarks:
THE CLAIMANT IS THE BUYER IN AN AGREEMENT OF SALE DUE TO CLOSE
AFTER 1/12/90 DEADLINE FOR CUSTER COUNTY. THE CURRENT OWNERS AND
SELLER OF THE LAND IS FREDERICK G. AND BEATRICE C. (BRAILSFORD)
MEREDITH.

15. Basis of Claim: LICENSE
Water Right Number: 21260

16. Signature(s)

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

Number of attachments: _____

For Individuals:

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

Signature of Claimant(s): _____ Date: _____
_____ Date: _____

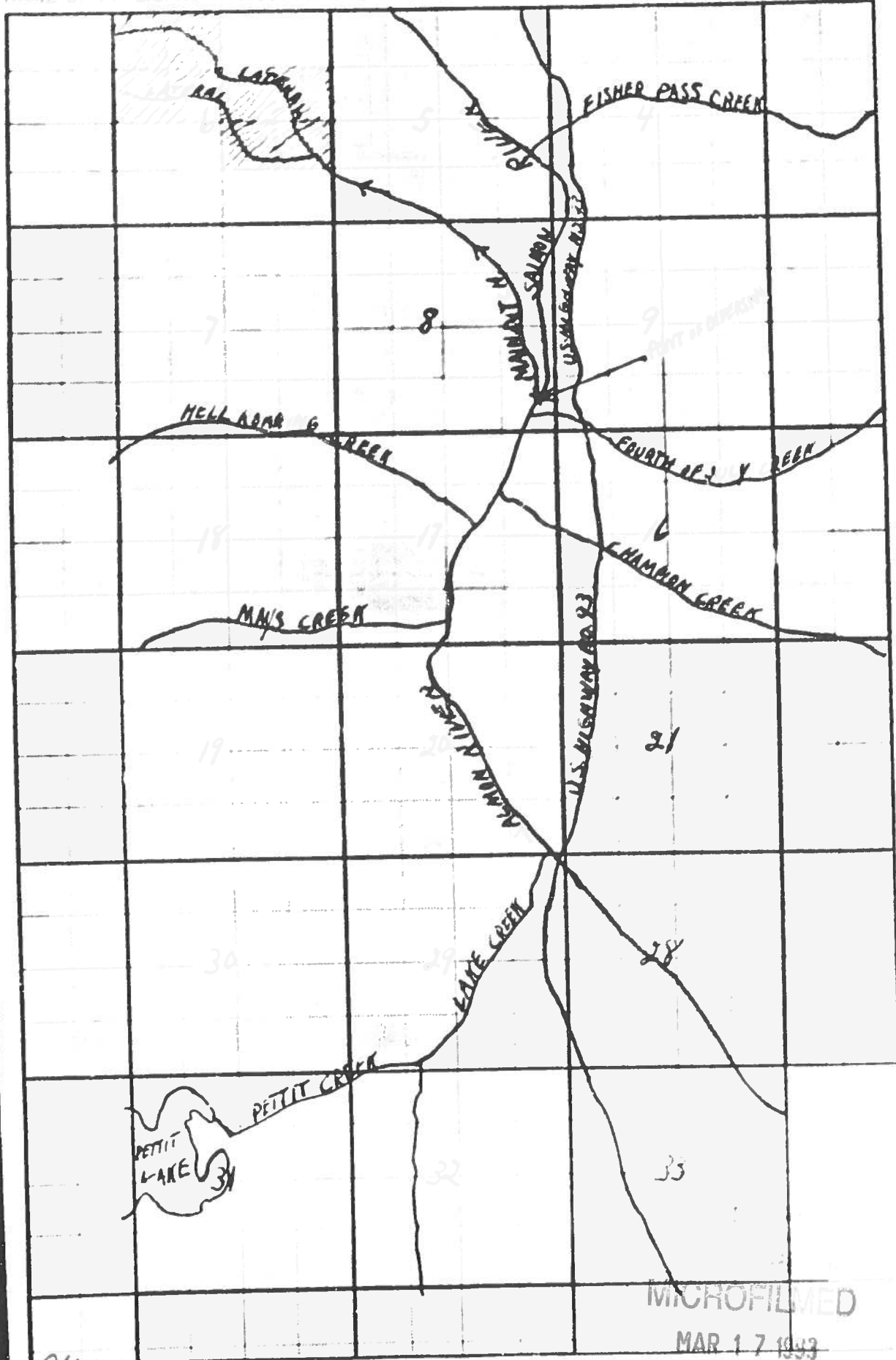
State of Idaho)
County of _____) SS.

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

Notary Public

Seal

Residing at _____
My Commission Expires _____



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MAR 17 1983



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 2148 4th Ave. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

Jan. 19, 1990

Re: A71-02079

O GARA FAMILY TRUST
C/O BRIAN BARSOTTI
P O BOX 2133
KETCHUM ID 83340

Dear Claimant(s):

Please find enclosed your receipt and a copy of a computer generated claim based on the information from your original claim(s) which has been entered in our computer records.

Please review the computer generated claim for accuracy. In a few instances clarifications may have been added by the Department at the time of data entry. If you have any questions or objections regarding the computer record of your claim(s), please contact this office.

Yours truly,

A handwritten signature in black ink, appearing to read 'Judy Givens'.

Judy Givens
Adjudication Secretary

/jg

Enclosures:

MICROFILMED
MAR 17 1993

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

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

CIVIL CASE NUMBER: 39576
Ident. Number A71-02079
Date Received 1/12/90
Receipt Number 5010940

RECEIVED

JAN 12 1990

Department of Water Resources
Southern Region Office

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) Thomas M. O'Gara, O'Gara Family Trust Phone (208) 726-3030

Mailing Address c/o Brian Barsotti, P.O. Box 2133, Ketchum, ID Zip 83340

2. Date of Priority (Only one (1) per claim) 10-18-1949

3. Source of water supply (a) Salmon River
which is tributary to (b) SNAKE RIVER

4. a. Location of existing point of diversion is: Township 8N Range 14E Section 8,
1/4 of SE 1/4 of SE 1/4, Govt. Lot, B.M., County of Custer

Additional points of diversion if any: _____

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____
_____ 1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. _____

Headgate four feet wide and two feet high, main ditch beginning at headgate.

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MAR 17 1993

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation purposes from _____ to _____ amount 6.2 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 6.2 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 620 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
8N	14E	6			40	40	40	35	35	40					40	40			310

Total number of acres irrigated 310

11. In which county (ies) are lands listed above as place of use located? Custer

12. Do you own the property listed above as place of use? Yes _____ No XX

If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above. _____ or None ()

14. Remarks:

Claimant is the buyer in an agreement of sale due to close after the deadline for Custer
County claim filing. The license is shown on Department records in the name of J. W.
Newman. The current owners and seller of the land is Frederick G. and Beatrice C.
(Brailsford) Meredith.

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MAR 17 1993

Copies: White - State, Yellow - Claimant

Last Name O'Gara Ident No. _____

15. Basis of Claim (check one) Bel. al Use _____ Posted Notice _____ License XX Permit _____
Decree _____
If applicable provide IDWR Water Right Number 71-02079
Court _____ Case Number _____ Decree Date _____
Plaintiff vs Defendant _____

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

Number of attachments 2
For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true
and correct.

Signature of Claimant (s) Thomas M. O'Gara (Trustee) Date 01/10/90

Thomas M. O'Gara Family Trust Date 01/10/90

For Organizations: I do solemnly swear or affirm that I am _____

_____ Title
of _____, that I have signed the foregoing
Organization

document in the space below as _____ of _____
Title Organization

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent _____

Title and Organization _____ Date _____

State of Idaho/or _____)
County of Blaine) SS.

Subscribed and sworn (or affirmed) before me this 10th day of January 1990

SEAL

Notary Public Brian Barsotti

Residing at Ketchum

My Commission Expires June 1993

Please Print Name

17. Notice of Appearance:
Notice is hereby given that I, Brian Barsotti will be acting as attorney at law on behalf
of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above
should be mailed to me at the address listed below.

Signature Brian Barsotti

Address P.O. Box 2133 Ketchum, ID 83340

Date 01/10/90

Last Name O'Gara Ident. Number _____

Copies White-State, Yellow-Claimant

AJ0743NP
(00-124)

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

05/06/98 14:59:38
Page 1

Water Right Number - R71-02079

Prefix Translation: RESEARCH

Old (D) Number - 21260

*** A - ATTORNEY ***
FOSTER
KENT W
1 - HOLDEN KIDWELL HAHN & CRAPO
2 - PO BOX 50130
3 -
City- IDAHO FALLS
Phone - 208-523-0620
State- ID Zip- 83405

*** C - CURRENT OWNER ***
BRADY

J ROBB
1 - 314 E SUNNYSIDE RO
2 -
3 -
City- IDAHO FALLS
Phone - 208-523-1954
State- ID Zip- 83404

Priority Date - 10/18/1949
Region - 17 SOUTHERN
Stage - L - LICENSE
Status -

Source - SALMON RIVER
Tributary - SNAKE RIVER

Point of Diversion -
Twn Rng Sec Tract lot Rflg County
08N 14E 8 NW SE SE (37) CUSTER

Code Description Period From Period To Water Use Diversion Rate Diversion Volume
01 - IRRIGATION 05/01 09/30 6.200

Total Div. Rate - 6.200
Total Div. Volume -
Total Consumptive Use - 0.0
KW Usage -

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
08N	14E	6	SW NE		16.5	01 IRRIGATION	(37) CUSTER		
08N	14E	6	SE NE		39.9	01 IRRIGATION	(37) CUSTER		
08N	14E	6	NE NW	3	39.6	01 IRRIGATION	(37) CUSTER		
08N	14E	6	NW NW	4	27.8	01 IRRIGATION	(37) CUSTER		
08N	14E	6	SE NW		7.0	01 IRRIGATION	(37) CUSTER		
08N	14E	6	NE SE		39.9	01 IRRIGATION	(37) CUSTER		
08N	14E	6	NW SE		2.5	01 IRRIGATION	(37) CUSTER		

Total Acres: 173.2

- - - Diversion Means - HEADGATE AND DITCH TO LAND IRRIGATED

- - - Non-Irrigation Use - NONE

- - - Other Rights for Same Use - 71-10663

Prefix Translation: RESEARCH

POU1 USE OF THIS RIGHT WITH RIGHT NO. 71-10663 IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 173.2 ACRES IN A SINGLE IRRIGATION SEASON.

EXP 4.14 CFS OF RIGHT 71-10663 IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT AND RIGHT NO. 71-10663. THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 71-10663 & 71-10724.

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

	-Comments-
06/26/2007 11:08 AM	RECEIVED BY SUBJECT OF SURVEY

CHANGED RECORD HIM AS ATTORNEY. DELETED REMARKS REGARDING OWNERSHIP. CHANGED
DATE: 03/30/1995 User Id: DSMITH Subject: DATA ENTRY
CONFORMED ATTORNEY MAILING ADDRESS DMS
Date: 05/06/1998 User Id: AMERRITT Subject: COPIED FROM REMARKS
ADDED FOSTER AS ATTORNEY SINCE OVERLAP WITH OTHER RIGHT HAS
OWNERSHIP FLAG.

4.74 CFS OF RIGHT 71-10663 IS LIMITED TO USE FOR CONVEYANCE USE OF THIS RIGHT WITH RIGHT NO. 71-10663 IS LIMITED TO A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 373.6 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 186.8 ACRES IN A SINGLE IRRIGATION SEASON. THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 71-10663 & 71-10724.

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 06/30/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 01/12/1990	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S010940	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

5/6/98
ADM

71-02079 & 71-10663

Re-evaluation of recommendations.

Based on GIS zones & new method for evaluation of Excess flow the recommendations were adjusted.

RPI 14 dz	RPI 7 dz	DGI 7 dz	DGI 14
	10.0	6.5	
	0.9	39.0	
25			14.6
27.8			
~~27.8~~	7		
	23.0	16.9	
	2.5		
52.8	43.4	62.4	14.6

See attached sheet

IR for 173.2 acres = 16.37 cfs
Conveyance - same = 4.74 cfs
Total Rights = 21.11 cfs

∴ 71-02079 6.2 cfs
71-10663 14.91 cfs

4-11-11
A0

STANLEY BASIN SOIL REVIEW

Soil Type	Border Eff	Boarder	Furrow Eff	Furrow
	%	CFS/AC	%	CFS/AC
4.33 — RP1	6.9	0.16	35.2	0.03
4.66 — TN1	4.2	0.26	26.9	0.04
4.00 — LA4	3.7	0.30	23.6	0.05
14.66 — GO1	25.5	0.04	24.6	0.04
2.66 — SN1	2.4	0.45	15.4	0.07
5.66 — PY1	6.3	0.17	37.9	0.03
3.33 — ST1	3.2	0.36	20.3	0.05
9.33 — TP4	9.5	0.11	60.0	0.02
5.66 — RD1	6.3	0.17	37.9	0.03
7.00 — CNB	7.8	0.14	47.3	0.02
5.00 — BG1	5.8	0.19	34.3	0.03
4.00 — AM1	3.5	0.30	22.3	0.05
13.00 — WV1	17.4	0.06	50.3	0.02
2.66 — WG1	2.4	0.45	14.9	0.07

Old Modified

SRR4 Report

MAD	PF	BOR/FUR
1.13	1.13	5.18
1.21	1.13	6.44
1.06	1.14	6.46
3.65	1.07	0.96
0.69	1.14	6.30
1.46	1.12	5.98
0.91	1.14	6.65
2.31	1.1	6.24
1.46	1.12	5.98
1.82	1.11	6.20
1.32	1.13	5.99
1	1.14	6.09
3.24	1.08	2.91
0.67	1.14	6.12

RP1 —

$$\frac{4.33}{14} (52.8)(0.16) = 2.61$$

Based

$$\frac{4.33}{7} (43.4)(0.16) = 4.30$$

BG1 —

$$\frac{5.0}{7} (62.4)(0.19) = 8.47$$

$$\frac{5.0}{7} (101)(0.16) = 0.99$$

IR

37 cfs

2/28/98
AD

$$\begin{aligned}\text{Rotation Period} &= \frac{\text{MAD}}{\text{Adjusted ET}} \\ &= \frac{\text{MAD}}{\left[\frac{(0.842 \times \text{ETSTD} \times M_F) + \text{AET}}{25.4} \right] P_F}\end{aligned}$$

For Pasture MAD & P_F determined for 3' soil depth for various soils. ETSTD and AET taken from Allen & Brockway 1983 report for Stanley weather station. June has the highest AET, M_F & ETSTD.

For Pasture in June!

$$\text{AET} = 4.97 \text{ mm/day}$$

$$\text{ETSTD} = 0.37 \text{ mm/day}$$

$$M_F = 2.70$$

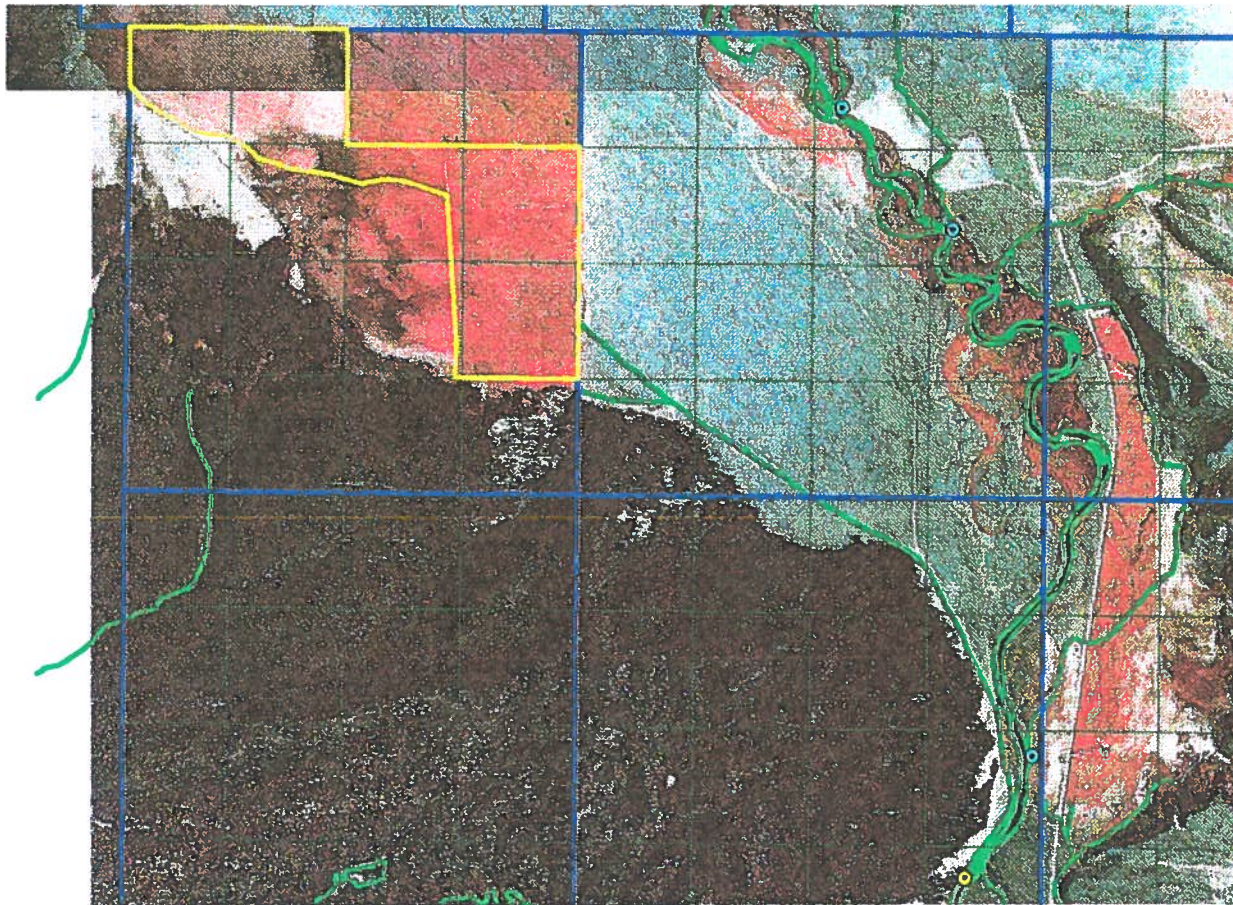
$$\therefore \text{Rotation Period} = \frac{\text{MAD}}{\left[\frac{(0.842 \times 0.37 \times 2.70) + 4.97}{25.4} \right] P_F} \quad \leftarrow (\text{inches})$$

(days) $\nearrow$

$$\therefore \text{Rotation Period} = \frac{\text{MAD}}{(0.229) P_F}$$

IDAHO DEPARTMENT OF WATER RESOURCES

71-02079 & 71-10663



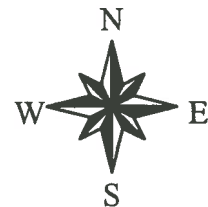
1320 0 1320 2640 Feet

POU:

TWP 8N, RNG 14E,
SEC 6

POD:

TWP 8N, RNG 14E,
NWSESE SEC 8



-  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 MARCH 1998
BY ALLEN MERRITT

Brady

71-0207.
71-10663

TRANSFER NUMBER _____

CLAIM NUMBERS _____ DATE _____

HOMESTEAD ENTRY NO. _____

AGENT _____

CLAIMED ACRE TOTAL _____

GEOGRAPHIC INFO ACRES _____

RIGHT NO				NE				NW				SW				SE			
	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM								43	44										
GIS	8N	14E	6			16.5	39.9	39.6	27.8		7.0					39.9	2.5		173.2
RECOM						16.5	39.9	39.6	27.8		7.0					39.9	2.5		173.2
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B71-DBPOD.SHP

NOS DESCRIPTION

44 8N 14E Sec 8
NWSESE

173.3

B71-DBPOU.SHP

SHAPE NOS

76

DBF TABLES UPDATED

B71-DBPOD.DBF

B71-DBPOU.DBF

R PROOF

CVR

MAPS

PHOTOS

MISC

MICROFILMED

SEP 9 7 1994

Water Right Number - R71-02079

Prefix Translation: RESEARCH

Old (D) Number - 21260

*** A - ATTORNEY ***
FOSTER

KENT W

1 - PO BOX 50130
2 -
3 -

City- IDAHO FALLS
Phone - 208-523-0620

State- ID Zip- 83405

*** C - CURRENT OWNER ***
BRADY

J ROBB

1 - 314 E SUNNYSIDE RD
2 -
3 -
City- IDAHO FALLS
Phone - 208-523-1954

State- ID Zip- 83404

+ - Priority Date - - +
10/18/1949

+ - - - Region - - - +
17 SOUTHERN

+ - - - Stage - - - +
L - LICENSE

+ - - - Status - - - +

Source - - - - +
SALMON RIVER

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

+ - - - - Point of Diversion - - - - +
Twn Rng Sec Tract Lot Rflg County
08N 14E 8 NW SE SE (37) CUSTER

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

01 - IRRIGATION

05/01 09/30

6.200

+ - Total Div. Rate - + + - Total Div. Volume - +
6.200

+ - Total Consumptive Use - + + - KW Usage - +
0.0

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
08N	14E	6	SW NE		25.0	01	IRRIGATION	(37) CUSTER
08N	14E	6	SE NE		40.0	01	IRRIGATION	(37) CUSTER
08N	14E	6	NE NW	3	39.8	01	IRRIGATION	(37) CUSTER
08N	14E	6	NW NW	4	32.0	01	IRRIGATION	(37) CUSTER
08N	14E	6	SE NW		7.0	01	IRRIGATION	(37) CUSTER
08N	14E	6	NE SE		40.0	01	IRRIGATION	(37) CUSTER
08N	14E	6	NW SE		3.0	01	IRRIGATION	(37) CUSTER

Total Acres: 186.8

+ - - Diversion Means - HEADGATE AND DITCH TO LAND IRRIGATED

+ - - Non-Irrigation Use - NONE

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Water right number - R71-02079

Prefix Translation: RESEARCH

+ - - Other Rights for Same Use - 71-10663

4.74 CFS OF RIGHT 71-10663 IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT AND RIGHT NO. 71-10663.
USE OF THIS RIGHT WITH RIGHT NO. 71-10663 IS LIMITED TO A
TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 373.6 AF, AND TO
THE IRRIGATION OF A COMBINED TOTAL OF 186.8 ACRES IN A SINGLE
IRRIGATION SEASON.

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 71-10663 & 71-10724.

+ - - - - - Old Water Right Numbers Found

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

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

+ - - - - Date: 08/31/1993 User Id: MERRITT Subject: CHANGE OF OWNERSHIP - - - - - Comments - - - - -
CHANGED RECORD HIM AS ATTORNEY. DELETED REMARKS REGARDING OWNERSHIP. CHANGED OWNERSHIP FLAG. ADDED FOSTER AS ATTORNEY SINCE OVERLAP WITH OTHER RIGHT HAS
01/25/94 MERRITT

+ - - - - - Adjudication Rights Dates and Flags Area - - - - -
Court Report Filing - 00/00/0000 Field Inspection Made - 06/30/1993 Civil Case Number - 39576
Objection Filed Date - 00/00/0000 Field Inspection Flag - 00/00/0000 Old Case Number -
Response Filed Date - 00/00/0000 Verified Date - 00/00/0000 Old Judicial District -
Claim Received Date - 01/12/1990 Last Amended Date - 00/00/0000 Temporary Right - P
Receipt Number - S010940 Water District -
POU Ownership Flag - Y Federal/State Indicator - S
Name Connector - AND/OR Presumption Flag -
Notice of Error Flag -

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1/25/94 ADM

POOR ORIGINAL

Final Evaluation for Rights : 71-02079
71-10663
71-10724

On 6/30/93 I met with Mr. Brady to review his claims. He had recently purchased the O'Gara place claimed under A71-02079. We discussed filing a "Change of Ownership" which was later received & processed.

On that day we reviewed in the field the O'Gara place and the adjacent USFS lands which were all being irrigated by Mr. Richard Burt who was the irrigator for the man who leased the place from Mr. Brady. Mr. Burt assisted me in measuring the flows in the diversion canal to the property and he provided me a description of the method of irrigation.

We measured 31.57 cfs just below the fish screen near the P/D and 26.95 cfs approx. 6700 ft. down the canal just above the split in the canal.

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I found that the land originally licensed

included some lands that Mr. Burt indicated was not irrigated. These lands are marshy in nature and require no application of water. Actually water has been drained from these lands in an effort to make them more productive as pasture. Since I observed that there was significant seepage or conveyance loss in the canal and suspected that the gravelly soil justified more than $1\frac{1}{2}$ acre I discussed with Mr. Brady filing a B.U. claim for more water.

When I returned to the office I did a preliminary review and discussed this with Brady's attorney, Mr. Foster who prepared a B.U. claim (71-10663). I later provided this preliminary info to the USFS (Vz1 Hzncock) who developed the USFS claim (71-10724).

Now that all claims have been filed I reviewed my initial analysis and find that I based it on the worst soil but in reality there are two predominate soils that cover the irrigated lands.

Also there are two rotation schemes

Soil BGI has a MAD of 1.32" for pasture

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2nd by using 0.17 "/day max. withdrawal for pasture base on Stanley weather data by Brockway-Allen the optimum rotation would be 7.76 days. Since the rotations used for this soil was 7 days & 14 days I used $7.76 \approx 8 \text{ days}$ & 14 days in my analysis of this soil.

Likewise soil RPI has a MAD of 1.13" for Pasture so the optimum rotation would be $\frac{1.13}{0.17} = 6.64 \text{ days}$. I used 7 days & 14 days in my analysis of this soil.

My analysis was based on the "Wild Flooding Method". The irrigated soil or land was not corrugated nor was it truly border or contour types of application. "Wild Flooding" seemed best.

The following table summarizes the results of the analysis:

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OCT 27 1994

Owner	Acres	Soil	Rotation	Justified
Brady	57	RPI	14	2.79 cfs
"	49	RPI	7	4.80
"	14.8	BGI	14	1.01
"	<u>66</u>	BGI	8	<u>7.83</u>
	186.8			16.43 cfs
USFS	5	RPI	14	0.25
"	4	RPI	7	0.40
"	74.4	BGI	14	5.05
"	<u>1</u>	BGI	8	<u>0.13</u>
	84.4			5.83 cfs.

Based on my initial meas. of the div. & rate downstream I calculated a "C" value of 5.46 for use in the Worstell Equation. Using this method I calculated the additional expected loss beyond that which I measured. My initial calculations seem still valid and are as follows:

Brady

3.18
1.03
0.53
4.74 cfs

USFS

1.44
0.62
0.02
2.08 cfs

POOR ORIGINAL

5/5

In Summary:

I Recommend for Brady

Irvis. Reg. for 186.8 Acres	=	16.43 cfs
Conveyance		<u>4.74 cfs</u>
Total of Rights		21.17 cfs

∴ 71-02079	6.2 cfs
71-10663	<u>14.97 cfs</u>
	21.17 cfs

I Recommend for USFS

Irvis. Reg. for 84.4 Acres	=	5.83 cfs
Conveyance	=	<u>2.08 cfs</u>
Total Recommended 71-10724	=	7.91 cfs

$21.17 + 7.91 = 29.08 \text{ cfs}$ which is less than 31.57 I meas. @ P/D ∴ amounts do not need to be adjusted.

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T.

PHOTO

DT. & ID.

POOR ORIGINAL

D E C K E R

9	N
8	N

1580

1579

2'30'

2'30'

LAZ

A

UCI 27 12

GRADED BORDER EVALUATION

Job name: BRADY
By: ADM

Location: RP1 57AC 14DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0080 ft/ft Border width (W)= 311 ft
Net application (Fn)= 1.13 inches Border length (L)= 190 ft
Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
2.70	Gross depth	is less than required	gross application	depth		
2.71	Gross depth	is less than required	gross application	depth		
2.72	Gross depth	is less than required	gross application	depth		
2.73	Gross depth	is less than required	gross application	depth		
2.74	Gross depth	is less than required	gross application	depth		
2.75	Gross depth	is less than required	gross application	depth		
2.76	Gross depth	is less than required	gross application	depth		
2.77	Gross depth	is less than required	gross application	depth		
2.78	Gross depth	is less than required	gross application	depth		
2.79	0.009	16.32	15.18	0.01	6.9	
2.80	0.009	16.38	15.18	0.07	6.9	

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OCT 27 1994

GRADED BORDER EVALUATION

Job name: BRADY
By: ADM

Location: RP1 49AC 7DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0080 ft/ft Border width (W)= 535 ft
Net application (Fn)= 1.13 inches Border length (L)= 190 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
4.70	Gross depth is less than required	gross application depth				
4.71	Gross depth is less than required	gross application depth				
4.72	Gross depth is less than required	gross application depth				
4.73	Gross depth is less than required	gross application depth				
4.74	Gross depth is less than required	gross application depth				
4.75	Gross depth is less than required	gross application depth				
4.76	Gross depth is less than required	gross application depth				
4.77	Gross depth is less than required	gross application depth				
4.78	Gross depth is less than required	gross application depth				
4.79	Gross depth is less than required	gross application depth				
4.80	0.009	16.32	15.18	0.01	6.9	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: BRADY
By: ADM

Location: BG1 14.8AC 14DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)= 81 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 ft
Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
1.00	Gross depth is less than required gross application depth					
1.01	0.012	22.68	21.26	0.10	5.8	
1.02	0.013	22.91	21.26	0.32	5.8	
1.03	0.013	23.13	21.26	0.54	5.7	
1.04	0.013	23.35	21.26	0.77	5.7	
1.05	0.013	23.58	21.27	0.99	5.6	
1.06	0.013	23.80	21.27	1.22	5.5	
1.07	0.013	24.03	21.27	1.44	5.5	
1.08	0.013	24.25	21.27	1.67	5.4	
1.09	0.013	24.48	21.27	1.89	5.4	
1.10	0.014	24.70	21.27	2.12	5.3	
1.11	0.014	24.93	21.27	2.34	5.3	
1.12	0.014	25.15	21.27	2.57	5.2	
1.13	0.014	25.38	21.27	2.79	5.2	
1.14	0.014	25.60	21.27	3.01	5.2	
1.15	0.014	25.82	21.27	3.24	5.1	
1.16	0.014	26.05	21.27	3.46	5.1	
1.17	0.014	26.27	21.27	3.69	5.0	
1.18	0.015	26.50	21.27	3.91	5.0	
1.19	0.015	26.72	21.27	4.14	4.9	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: BRADY
By: ADM

Location: BG1 66AC 8DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)= 630 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 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
7.80	Gross depth is less than required gross application depth					
7.81	Gross depth is less than required gross application depth					
7.82	Gross depth is less than required gross application depth					
7.83	0.012	22.61	21.26	0.02	5.8	
7.84	0.012	22.64	21.26	0.05	5.8	
7.85	0.012	22.66	21.26	0.08	5.8	
7.86	0.012	22.69	21.26	0.11	5.8	
7.87	0.012	22.72	21.26	0.14	5.8	
7.88	0.013	22.75	21.26	0.17	5.8	
7.89	0.013	22.78	21.26	0.20	5.8	
7.90	0.013	22.81	21.26	0.22	5.8	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: USFS
By: ADM

Location: RP1 5AC 14DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0080 ft/ft Border width (W)= 27 ft
Net application (Fn)= 1.13 inches Border length (L)= 190 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	0.009	16.84	15.18	0.54	6.7	
0.26	0.010	17.52	15.18	1.21	6.5	
0.27	0.010	18.19	15.18	1.88	6.2	
0.28	0.010	18.86	15.18	2.56	6.0	
0.29	0.011	19.54	15.18	3.23	5.8	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: USFS
By: ADM

Location: RP1 4AC 7DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0080 ft/ft Border width (W)= 44 ft
Net application (Fn)= 1.13 inches Border length (L)= 190 ft
Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
0.30	Gross depth is less than required	gross application depth				
0.31	Gross depth is less than required	gross application depth				
0.32	Gross depth is less than required	gross application depth				
0.33	Gross depth is less than required	gross application depth				
0.34	Gross depth is less than required	gross application depth				
0.35	Gross depth is less than required	gross application depth				
0.36	Gross depth is less than required	gross application depth				
0.37	Gross depth is less than required	gross application depth				
0.38	Gross depth is less than required	gross application depth				
0.39	Gross depth is less than required	gross application depth				
0.40	0.009	16.54	15.18	0.23	6.8	
0.41	0.009	16.95	15.18	0.64	6.7	
0.42	0.010	17.36	15.18	1.06	6.5	
0.43	0.010	17.78	15.18	1.47	6.4	
0.44	0.010	18.19	15.18	1.88	6.2	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: USFS
By: ADM

Location: BG1 74.4AC 14DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)= 406 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 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
5.00	Gross depth is less than required	gross	application	depth		
5.01	Gross depth is less than required	gross	application	depth		
5.02	Gross depth is less than required	gross	application	depth		
5.03	Gross depth is less than required	gross	application	depth		
5.04	Gross depth is less than required	gross	application	depth		
5.05	0.012	22.62	21.26	0.04	5.8	
5.06	0.012	22.67	21.26	0.08	5.8	
5.07	0.012	22.71	21.26	0.13	5.8	
5.08	0.013	22.76	21.26	0.17	5.8	
5.09	0.013	22.80	21.26	0.22	5.8	
5.10	0.013	22.85	21.26	0.26	5.8	
5.11	0.013	22.89	21.26	0.31	5.8	
5.12	0.013	22.94	21.26	0.35	5.8	
5.13	0.013	22.98	21.26	0.40	5.7	
5.14	0.013	23.03	21.26	0.44	5.7	
5.15	0.013	23.07	21.26	0.49	5.7	
5.16	0.013	23.12	21.26	0.53	5.7	
5.17	0.013	23.16	21.26	0.58	5.7	
5.18	0.013	23.21	21.26	0.62	5.7	
5.19	0.013	23.25	21.26	0.67	5.7	
5.20	0.013	23.30	21.26	0.71	5.7	

MICROFILMED
OCT 27 1991

GRADED BORDER EVALUATION

Job name: USFS
By: ADM

Location: BG1 1AC 8DAY
Date: Jan 25, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)= 10 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 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
0.10	Gross depth is less than required gross application depth					
0.11	Gross depth is less than required gross application depth					
0.12	Gross depth is less than required gross application depth					
0.13	0.013	23.65	21.27	1.06	5.6	
0.14	0.014	25.47	21.27	2.88	5.2	
0.15	0.015	27.28	21.27	4.70	4.8	
0.16	0.016	29.10	21.27	6.52	4.5	
0.17	0.017	30.92	21.27	8.34	4.3	
0.18	0.018	32.74	21.27	10.15	4.0	
0.19	0.019	34.56	21.27	11.97	3.8	

MICROFILMED
OCT 27 1994

POOR ORIGINAL

Brady

USFS

Brady			Soil	USFS		
Acres	<u>Irrig</u>	<u>Loss</u>		Acres	<u>Irrig</u>	<u>Loss</u>
		3.18				1.44
108	14.72	.53	DGI 7 days	5	0.68	0.02
<u>79</u>	<u>5.40</u>	<u>1.03</u>	DGI 14 days	<u>80</u>	<u>5.50</u>	<u>0.62</u>
187	20.12	4.74		85	6.18	2.08
24.86				8.26		
33.12						

Brady Claims

A71-02079
6.2 cfs

A71-10663
16.90 cfs

Allow Brady

A71-02079
6.2 cfs Irrig.

A71-10663
13.92 Irrig.
2.98 Loss
16.9

Prelim
MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: BRADY&USFS (7DAY) BG1
By: ADM

Location: SALMON RIVER (113 AC)
Date: Jul 13, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)=1234 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 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
15.00	Gross depth	is less than required	gross application	depth		
15.10	Gross depth	is less than required	gross application	depth		
15.20	Gross depth	is less than required	gross application	depth		
15.30	Gross depth	is less than required	gross application	depth		
15.40	0.012	22.70	21.26	0.12	5.8	
15.50	0.013	22.85	21.26	0.26	5.8	
15.60	0.013	22.99	21.26	0.41	5.7	
15.70	0.013	23.14	21.26	0.56	5.7	
15.80	0.013	23.29	21.26	0.70	5.7	
15.90	0.013	23.44	21.26	0.85	5.6	
16.00	0.013	23.58	21.27	1.00	5.6	

Brady $\frac{108 \text{ Acres}}{113 \text{ Acres}} \times 15.4 = 14.72 \text{ cfs}$

USFS $\frac{5 \text{ Acres}}{113} \times 15.4 = 0.68 \text{ cfs}$
15.40 cfs

Prelim

OCT 27 1994

CONVEYANCE LOSS - WORSTELL

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	2000	4.0	5.46	0.55	15.40	15.40	0.0358	0.55	15.95
2				0.00		0.00	0.0000	0.00	0.00
3				0.00		0.00	0.0000	0.00	0.00
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	2000			0.55	15.40			0.55	

Brady
(105)
Ac

USFS
(5)
Ac

RECEIVED
OCT 21 1994
FRED

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

FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

Brady $\frac{108}{113} \Rightarrow 0.53$

USFS $\left(\frac{5}{113}\right) \Rightarrow 0.02$

0.55

GRADED BORDER EVALUATION

Job name: BRADY (14DAY) BG1
By: ADM

Location: SALMON RIVER (79 AC)
Date: Jul 13, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)= 432 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 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
5.00	Gross depth	is less than required	gross application	depth		
5.10	Gross depth	is less than required	gross application	depth		
5.20	Gross depth	is less than required	gross application	depth		
5.30	Gross depth	is less than required	gross application	depth		
5.40	0.012	22.74	21.26	0.15	5.8	
5.50	0.013	23.16	21.26	0.57	5.7	
5.60	0.013	23.58	21.27	0.99	5.6	
5.70	0.013	24.00	21.27	1.41	5.5	
5.80	0.013	24.42	21.27	1.84	5.4	
5.90	0.014	24.84	21.27	2.26	5.3	
6.00	0.014	25.26	21.27	2.68	5.2	

Prelim

microfilm
OCT 27 1993

CONVEYANCE LOSS - WORSTELL

Brady (79 Ac)

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	7500	2.0	5.46	1.03	5.40	5.40	0.1916	1.03	6.43
2				0.00		0.00	0.0000	0.00	-0.00
3				0.00		0.00	0.0000	0.00	-0.00
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	7500			1.03	5.40			1.03	

10/11/1999
10/12/1999
Prelim

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
 FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

GRADED BORDER EVALUATION

Job name: USFS (14DAY) BG1
By: ADM

Location: SALMON RIVER (80 AC)
Date: Jul 13, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0080 ft/ft Border width (W)= 437 ft
Net application (Fn)= 1.32 inches Border length (L)= 190 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
5.00	Gross depth is less than required gross application depth					
5.10	Gross depth is less than required gross application depth					
5.20	Gross depth is less than required gross application depth					
5.30	Gross depth is less than required gross application depth					
5.40	Gross depth is less than required gross application depth					
5.50	0.013	22.89	21.26	0.31	5.8	
5.60	0.013	23.31	21.26	0.72	5.7	
5.70	0.013	23.73	21.27	1.14	5.6	
5.80	0.013	24.14	21.27	1.56	5.5	
5.90	0.014	24.56	21.27	1.97	5.4	
6.00	0.014	24.97	21.27	2.39	5.3	

Prelim
OCT 27 1994

CONVEYANCE LOSS - WORSTELL

USFS (8042)

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	4500	2.0	5.46	0.62	5.50	5.50	0.1129	0.62	6.12
2				0.00		0.00	0.0000	0.00	-0.00
3				0.00		0.00	0.0000	0.00	-0.00
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	4500			0.62	5.50			0.62	

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

FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

UNCLASSIFIED
OCT 27 1994

Prelim

CONVEYANCE LOSS - WORSTELL

Total

Brady # USFS

Preli
OCT 27 1960

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	6700	10.0	5.46	4.62	26.30	26.30	0.1757	4.62	30.92
2				0.00		0.00	0.0000	0.00	-0.00
3				0.00		0.00	0.0000	0.00	-0.00
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	6700			4.62	26.30			4.62	

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

FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

Brady $\left(\frac{187}{272}\right) \Rightarrow 3.18$

USFS $\left(\frac{185}{272}\right) \Rightarrow 1.44$

4.62

POOR ORIGINAL

O'Gara

$$C = \frac{(31.57 - 26.95)(86400)}{(6700)(10)(1.0915)} \approx \frac{4000}{1000} \approx 4.0$$

~~5.46~~
5.46

$$\text{Loss} = 4.62 \text{ cfs}$$

RECEIVED
OCT 27 1991

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

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

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		1.00	0.75	0.38	3	29.0		0.25	0.094	0.25		0.12	0.01
1.50		1.50	1.00		20	28.4		0.50	0.375	0.25		0.25	0.09
2.00		2.00	1.20		20	25.4		0.75	0.750	1.56		1.56	1.17
3.00		3.00	1.40		20	27.0		1.00	1.200	1.74		1.74	2.08
4.00		4.00	2.10		20	25.2		1.00	1.400	1.63		1.63	2.29
5.00		5.00	2.10		20	42.9		1.00	2.100	1.75		1.75	3.15
6.00		6.00	2.10		20	29.9		1.00	2.100	1.04		1.48	2.64
7.00		7.00	2.10		20	26.5		1.00	1.900	1.67		1.79	3.04
8.00		8.00	1.90		20	28.4		1.00	1.700	1.56		2.02	3.40
9.00		9.00	1.70		20	18.4		1.00	1.800	2.39		1.73	3.50
10.00		10.00	1.80		20	35.4		1.00	1.500	1.25		2.76	2.86
11.00		11.00	1.50		20	23.1		1.00	1.250	1.91		1.91	2.15
12.00		12.00	1.25		20	25.6		1.00	0.800	1.72		1.72	1.41
13.00		13.00	0.80		20	25.1		1.00	0.200	1.76		1.76	0.18
14.00		14.00		0.40									
END													

31.57

NOTED
 OCT 27 19:1

NAME OF STREAM OR DITCH SALMON RIVER
 LOCATION ----- ABOVE SPLITS
 PURPOSE OF MEASUREMENT -- ADJUSTMENT REVIEW
 BASIS OF VELOCITY CALCULATIONS
 IF YOU ARE USING A PYGMY METER ENTER ----- 1
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- 2
 FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

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

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 TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
1.00				0.35	20	36.1		0.25	0.088	1.23		0.61	0.05
1.50		0.70			20	20.4		0.50	0.350	2.16		1.23	0.43
2.00		0.85			20	16.2		0.75	0.638	2.71		2.71	1.38
3.00		0.82			20	14.3		1.00	0.820	3.06		3.06	2.22
4.00		0.85			20	13.8		1.00	0.850	3.17		3.17	2.61
5.00		0.90			20	14.4		1.00	0.900	3.13		3.13	2.86
6.00		0.93			20	14.0		1.00	0.930	3.04		3.04	2.83
7.00		0.90			20	13.7		1.00	0.900	3.20		3.20	2.88
8.00		0.90			20	14.4		1.00	1.000	3.04		3.04	2.93
9.00		1.00			20	16.5		1.00	1.100	2.66		2.66	2.01
10.00		1.10			20	21.9		0.75	0.900	1.63		1.63	1.81
11.00		1.20			20	27.0		0.50	0.600				0.98
11.50		1.20						0.25	0.150				0.12
12.00				0.60									
END													26.95

UNRECORDED
 OCT 27 1961

SOIL CHARACTERISTICS

initials: ADM

date: 06/25/93

Soil Type = RP1...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	7	0.14	0.18	5.6	6.5	2	4	1	1.60	2	0.55	1	0.16
7	13	0.07	0.12	6.1	7.3			2	1.97			8	0.095
13	60	0.02	0.03	6.1	7.3			3	2.27			14	0.025
								4	2.57	alternate method		61	0
								5	2.87			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	1.43
corn (field or silage)	4	0.5	1.28
grain (winter or spring)	4	0.5	1.28
pasture (or grass hay)	3	0.5	1.13
other (enter below)			

Intake Family

choose base number for intake family from table below based on texture
base number (#'s 1 through 7) = 4

5 5

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

UNRECORDED
OCT 27 1993

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			31 0.02
								5	3.11	alternate 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

UNRECORDED
OCT 27 1994

POOR ORI

7N-9N

FOREST

FOREST BOUNDARY

SAZNOI Rd.

Hg

Rd

Bgl

134

33

34

31

44°02'30"

110°52'00"

710000

FOREST

5

Bgl

Bgl

Bgl

FOUR

7N-9N

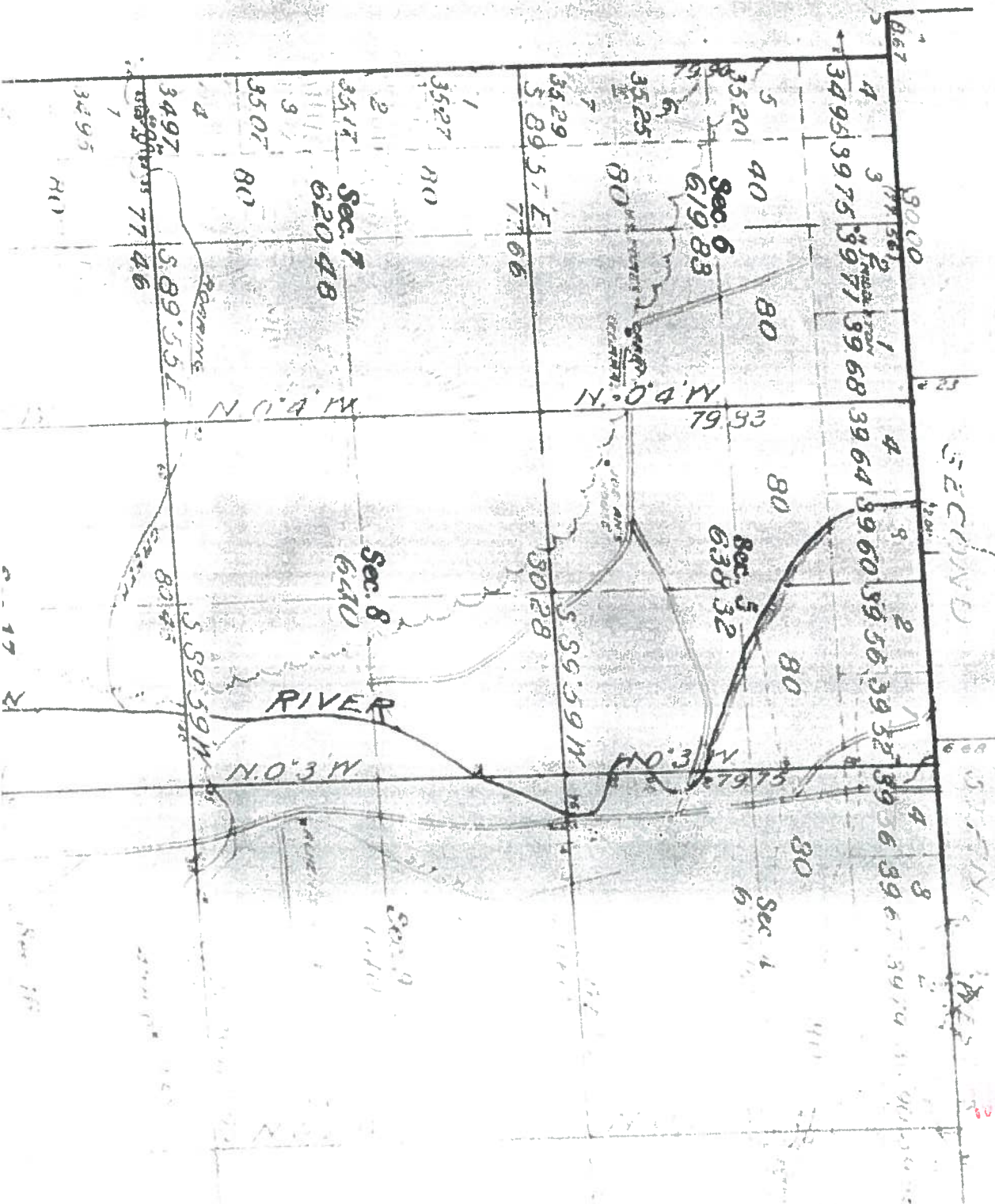
BOUNDARY

OCT 27 1961

POOR ORIGINAL

Township No 8 North Range No

G f F e F d

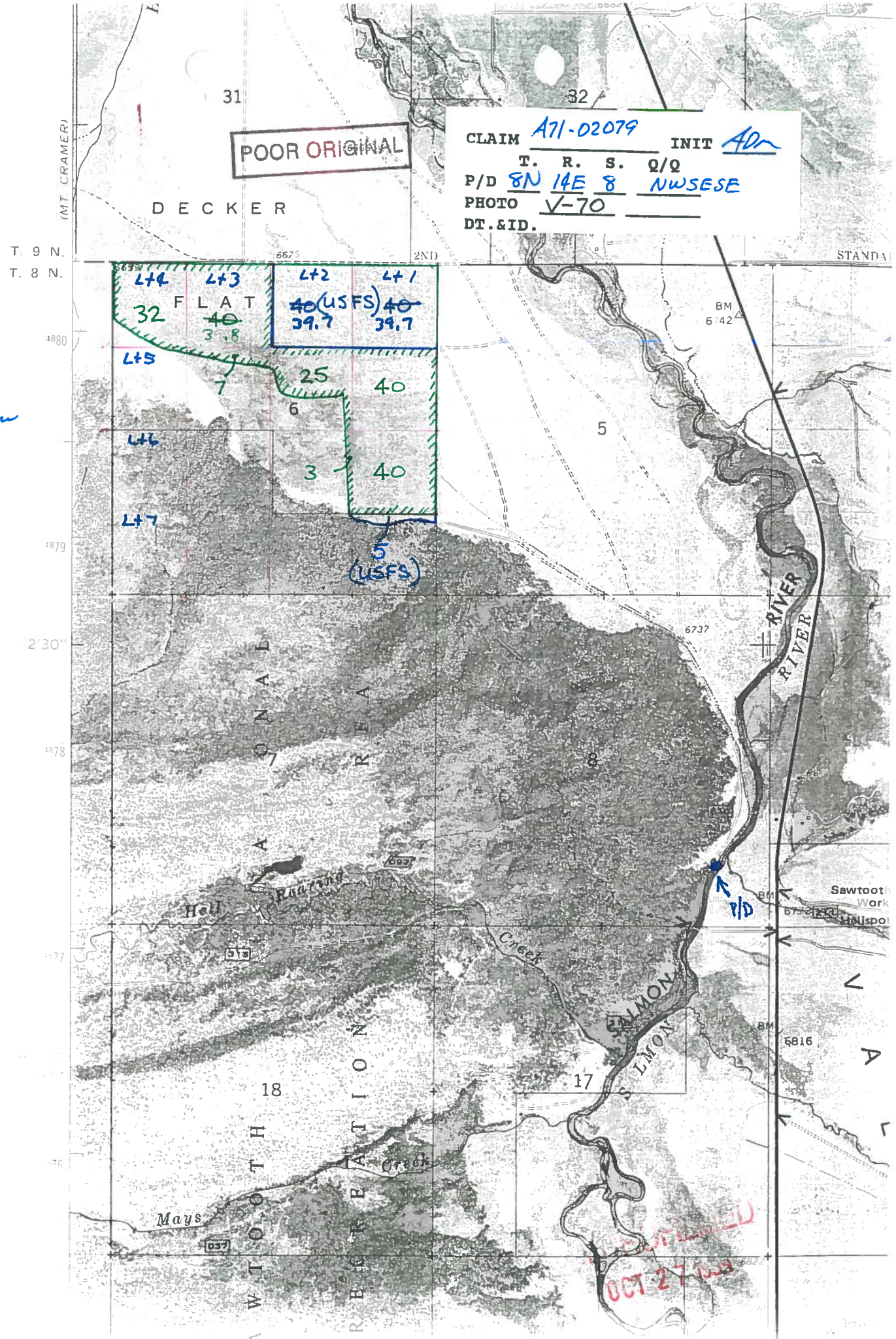


7

T9N

T8N

Field Review
6/30/93
AM



POOR ORIGINAL

CLAIM A71-02079 INIT 40
T. R. S. Q/Q
P/D 8N 14E 8 NWSESE
PHOTO V-70
DT.&ID.

OCT 27 1993

CH. TR.
A.A. BROOKS
74C

31 32
6

54 P 61
C-92/2
74C

INC.

POOR ORIGINAL

32 B3

54

C-92
STANLEY BASIN
CORP.
92C

RECORDED
OCT 27 1954

6/30/93

NAME OF STREAM OR DITCH SALMON RIVER
LOCATION ----- BELOW FISH SCREEN
PURPOSE OF MEASUREMENT --- ADJUDICATION REVIEW
BASIS OF VELOCITY CALCULATIONS
IF YOU ARE USING A PYGMY METER ENTER ----- 1
IF YOU ARE USING A AA METER ENTER ----- 2
ENTRY ----- =
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) -
BRADY (OGARA)
ADM
RICHARD BURT

INITIAL POINT	ANGLE OF		DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA		CALCULATED VELOCITY		MEAN VELOCITY	DISCHARGE IN CFS
	COEFFICIENT	INIT PT					2ND MEASUREMENT REVS	TIME/SEC		IN SQ FT	1ST POINT VELOCITY	2ND POINT VELOCITY	VELOCITY		
1.00					0.38	3		29.0	0.25	0.094	0.25			0.12	0.01
1.50				0.75		20		28.4	0.75	0.375	1.56			0.25	0.09
2.00				1.00		20		25.4	1.00	0.750	1.74			1.56	1.17
3.00				1.20		20		27.0	1.00	1.200	1.63			1.74	2.08
4.00				1.40		20		25.2	1.00	1.400	1.75			1.63	2.29
5.00				2.10		20		42.9	1.00	2.100	1.04			1.75	3.15
6.00				2.10		20		26.5	1.00	2.100	1.67			1.04	3.04
7.00				2.10		20		28.4	1.00	1.900	1.56			1.23	3.40
8.00				1.90		20		18.4	1.00	1.700	2.39			2.02	3.50
9.00				1.70		20		35.4	1.00	1.800	1.25			1.73	3.61
10.00				1.80		20		23.1	1.00	1.500	1.91			2.01	2.86
11.00				1.50		20		25.6	1.00	1.250	1.72			1.72	2.15
12.00				1.25		20		25.1	1.00	0.800	1.76			1.76	1.41
13.00				0.80		20								0.88	0.18
14.00					0.40										
END															

S-43

18.3

Fds

7/26

8/30

18.1

13.1

8/8/57

195802/1957

26.1

26.2

NOT RECORDED
OCT 27 1994

O'Gee below fish Screen

POOR ORIGINAL

1.0	Edge of water		
	<u>Depth</u>	<u>Rev</u>	<u>Time</u>
1.5	0.75	3	29.0
2.0	1.0	20	28.4
3.0	1.2	20	25.4
4.0	1.4	20	27.0
5.0	2.1	20	25.2
		20	35.5
6.0	2.1	20	42.9
		20	29.9
7.0	2.1	20	26.5
		20	36.1
8.0	1.9	20	28.4
		20	21.8
9.0	1.7	20	18.4
		20	25.5
10.0	1.8	20	35.4
		20	15.9
11.0	1.5	20	23.1
12.0	1.25	20	25.6
13.0	.80	20	25.1
14.0	Edge of water		

20 MICROFILMED
OCT 27 1965

6/30/93

NAME OF STREAM OR DITCH SALMON RIVER
LOCATION ----- ABOVE SPLITS
PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
BASIS OF VELOCITY CALCULATIONS
IF YOU ARE USING A PYGMY METER ENTER ----- 1
IF YOU ARE USING A AA METER ENTER ----- 2
ENTRY ----- = 2
FOLLOWING THE LAST ENTRY IN: "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) -
BRADY (OGARA)
ADM
RICHARD BURT

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	2ND MEASUREMENT TIME/SEC	CALC WIDTH	AREA IN SQ FT	1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	DISCHARGE IN CFS
1.00			0.70	0.35	20	36.1	0.25	0.088	1.23		0.61	0.05
1.50			0.85		20	20.4	0.50	0.350	2.16		1.23	0.43
2.00			0.82		20	16.2	0.75	0.638	2.71		2.16	1.38
3.00			0.85		20	14.3	1.00	0.820	3.06		2.71	2.22
4.00			0.90		20	13.8	1.00	0.850	3.17		3.06	2.61
5.00			0.90		20	14.4	1.00	0.900	3.04		3.17	2.86
6.00			0.93		20	14.0	1.00	0.930	3.13		3.04	2.83
7.00			0.90		20	13.7	1.00	0.900	3.20		3.13	2.82
8.00			1.00		20	14.4	1.00	1.000	3.04		3.20	2.88
9.00			1.10		20	16.5	1.00	1.100	2.66		3.04	3.04
10.00			1.20		20	21.9	0.75	0.900	2.01		2.66	2.93
11.00			1.20		20	27.0	0.50	0.600	1.63		2.01	1.81
11.50							0.25	0.150			1.63	0.98
12.00											0.82	0.12
END												

26.95

6/28/93 18.1 7/26 13.1 8/30 19.5 8/8/59 26.1 26.2

RECEIVED
OCT 27 1994

O'Gr

Above Splits

(AA)

POOR ORIGINAL

1.0	Edge of water	depth	Rev	Time
1.5		0.70	20	36.1
2.0		0.85	20	20.4
3.0		0.82	20	16.2
4.0		0.85	20	14.3
5.0		0.90	20	13.8
6.0		0.93	20	14.4
7.0		0.90	20	14.0
8.0		0.90	20	13.7
9.0		1.0	20	14.4
10.0		1.1	20	16.5
11.0		1.2	20	21.9
11.5		1.2	20	27.0
12.0	Edge of water			

MICROFILMED
OCT 27 1991

POOR ORIGINAL

32 33

54

C-92
STANLEY BASIN
CORP.
92C

A.A. BROOKS
74C

PECK JR.

Richard
Buck

Return within
7 days
12 hr sat

3132

65

S. INC.

14 days
2/2/2

drain

K-27

POOR ORIGINAL

A71-02079

A71-10663

6/30/93

AD



Headgate &
bypass b/c
to river @
P/D



Fish Screen
below P/D

OCT 27 1994

A. AJ CLAIM: # A71-02079 PRIORITY DATE: 10-18-1949 STAGE: 1

B. WR RECORD: # 71-02079 PRIORITY DATE: 10-18-1949 STAGE: 1

C. FIELD EXAM REQUIRED? FIELD EXAMINER

DUE TO PRIORITY DATE DISCREPANCY? (Y/N) N

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? () NO ☒ YES

REMARKS:

RECOMMENDED PRIORITY DATE:
10-18-1949

REVIEWED BY *ADW* DATE *1/25/94*

OCT 27 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A71-02079	08N	14E	8		SE	SE		CUSTER
OTHER AJ CLAIMS WITH SAME AJ POD								
A PREFIX R PREFIX								
NONE								

WR RECORDS IN SAME 40 ACRES TRACT

SOURCE: SALMON RIVER

TRIP: SNAKE RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
71-02079	08N	14E	8		SE	SE		CUSTER
OTHER WR RECORDS WITH SAME WR POD								
AJ CLAIMS IN SAME 40 ACRES TRACT								
A PREFIX R PREFIX								
NONE								

SOURCE: SALMON RIVER

TRIP: SNAKE RIVER

C. FIELD EXAM REQUIRED?

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

REMARKS:

Confirmed P/O in NWSESE Sec 8
TSN Right using Orthoquad

NOTED
OCT 27 1954

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:
TWP. RGE. SEC. I/4 I/4

1/4 LOT

COUNTY

8N 14E 8

NW

SE

SE

Custer

SOURCE: SALMON RIVER

TRIE: SNAKE RIVER

REVIEWED BY:

DATE:

1/25/94

APR

OCT 27 1994

A. FOOT WATER RIGHT NUMBERS: A71-02079
B. FOU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ADJ.
08N	14E	6	SW	NE		0 GARA FAMILY TRUST	A71-02079 740.0	71-02079 740.0		25	25
08N	14E	6	SE	NE		0 GARA FAMILY TRUST	A71-02079 740.0	71-02079 740.0		40	40
08N	14E	6	NE	NE		0 GARA FAMILY TRUST	A71-02079 740.0	71-02079 740.0		39.8	39.8
08N	14E	6	NW	NE	3	0 GARA FAMILY TRUST	A71-02079 735.0	71-02079 735.0		32	32
08N	14E	6	SW	NE	4	0 GARA FAMILY TRUST	A71-02079 735.0	71-02079 735.0		32	32
08N	14E	6	SE	NE		0 GARA FAMILY TRUST	A71-02079 740.0	71-02079 740.0		7	7
08N	14E	6	NE	NE		0 GARA FAMILY TRUST	A71-02079 740.0	71-02079 740.0		40	40
08N	14E	6	SW	NE		0 GARA FAMILY TRUST	A71-02079 740.0	71-02079 740.0		3	3
TOTAL ACRES							310.00	310.00	136.00		

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, YES (X) NO ()
IF YES SEE ATTACHED SHEET.

C. FIELD EXAM REQUIRED? DATABASE Y FIELD EXAMINER FOU COUNTY: CUSTER

PRESUMPTION FLAG:
REMARKS:

USFS Land in N/4 NE Sec 6,

RECOMMENDATIONS:

TOTAL ACRES: 186.8
REVIEWED BY: ADW DATE: 1/25/99

186.8

A. AJ CLAIMED USES:

PURPOSES
A71-02079 IRRIGATION

MONTH/DAY
FROM 04-01 TO 11-01

DIVERSION QUANTITY
6.200 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

6.200 CFS

B. WR RECORDED USES:

PURPOSES
71-02079 IRRIGATION

MONTH/DAY
FROM TO

DIVERSION QUANTITY
6.200 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

6.200 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

FIELD
DATE/AGE EXAMINED
N
Y

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

REMARKS:

Standard season 5/1 to 9/30

() ()
X X

Explain in remarks, below.

OCT 27 1980

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N()

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

6.200 CFS
6.200 CFS

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

FLOW MEASUREMENT REQUIRED?

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

FIELD
DATABASE EXAMINER
1

MEASUREMENT METHOD

See meter man, see attached calculations.

FLOW MEASUREMENT

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

OTHER RIGHTS LISTED IN CLAIM: ~~NONE~~

71-10663

NO CLAIMS FOUND WITH SAME FOU AND IRRIGATION USAGE

NO RIGHTS WITH SAME FOU BUT NOT USED FOR IRRIGATION

filed for excess flow

OCT 27 1979

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES 186.8 $\times$ 0.02 CFS/ACRE = 3.736 CFS
(Taken from g/u review)

1b. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? ☒ YES ☐ NO

*** IF YES ADDITIONAL WATER USE FORM FILLED AND ATTACHED? ☒ YES ☐ NO ***

Evaluation attached

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 620.0 AF/A

ACRES 186.8 $\times$ CONSUMPTIVE VOL. AF/A FOR AREA 2.0 =

TOTAL CONSUMPTIVE USE 373.6 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = 444 AF/A

ACRES 244 $\times$ DIVERSION VOL. AF/A FOR AREA 2.0 =

TOTAL DIVERSION VOLUME 444 AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET Y() N()

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

Consolid limit
with 71-10663

12/13/09
0012130

RECOMMENDATIONS:

REC.
 PURPOSES

REC. PERIOD
 FROM TO

REC. DIV
 RATE CFS

REC. DIV
 VOL. AC/A

REC. DIV
 USE

IRRIGATION

~~AAV~~

~~11/21~~

DATABASE
 6.200

EXAMINER

DATABASE

EXAMINER

DATABASE

EXAMINER

TOTAL FOR THIS RIGHT

~~5/1~~

~~1/30~~

6.200

REVIEWED BY:

DATE:

1/25/94

02079

1/25/94

Note that conveyance loss
 for this right is included
 in 373.6 Af2.

Considered
 limit with
 71-10663 is
 373.6 Af2

A. CHECK ONLY THE FOLLOWING THAT APPLY:

ACCEPTED
AS CLAIMED

OWNERSHIP
FOREST/ABANDON
ADDITIONAL DIV. AMOUNT

NEEDS
REVIEW

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-02079
TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
6.200

EXAMINER

CFS

N/A

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A71-02079	6.200	-	-	71-02079	6.200
TOTAL CFS						6.200

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, IS THE WRITTEN REVIEW SHEET ATTACHED? (Y/N)

DATABASE
FIELD
EXAMINER

REMARKS:

AUTHENTICATION:

SIGNATURE:

NAME OF FIELD EXAMINER:

[Handwritten Signature]

DATE:

TITLE:

1/25/94

OCT 27 1994

630-044H
OCT 27 1964

DIVERSION
VOLUME
630.0

Stage: ILLNESS

OSTER County

	SF		
JUNE	BUSE	SESE	
AC LT AC	LT AC	LT AC	
--	--	--	
40			
TOTAL ACRES			
	SUM		
-	-	-	-
310.0			
310.0			

Not-irrigation Use? NOTE

GRADED BORDER EVALUATION

Job name: BRADY BG1
By: ADM

Location: SALMON RIVER
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0100 ft/ft Border width (W)= 400 ft
Net application (Fn)= 1.32 inches Border length (L)= 200 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
5.00	Gross depth is less than required gross application depth					
5.10	Gross depth is less than required gross application depth					
5.20	Gross depth is less than required gross application depth					
5.30	0.013	22.90	21.25	0.32	5.8	
5.40	0.013	23.33	21.25	0.75	5.7	
5.50	0.014	23.76	21.25	1.19	5.6	
5.60	0.014	24.19	21.25	1.62	5.5	
5.70	0.014	24.62	21.25	2.05	5.4	
5.80	0.014	25.06	21.25	2.48	5.3	
5.90	0.015	25.49	21.26	2.91	5.2	
6.00	0.015	25.92	21.26	3.34	5.1	

$L = \text{observed}$

$$\text{width} = \frac{77 \text{ acres} \times 43560}{(200)(14 \text{ days})(3 \text{ sets/day})} \approx 400'$$

Review
Prelim.

RECEIVED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: BRADY BG1
By: ADM

Location: SALMON RIVER
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0100 ft/ft Border width (W)= ~~700~~ ft
Net application (Fn)= 1.32 inches Border length (L)= 200 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
8.00	Gross depth is less than required	gross application depth				
8.10	Gross depth is less than required	gross application depth				
8.20	Gross depth is less than required	gross application depth				
8.30	Gross depth is less than required	gross application depth				
8.40	Gross depth is less than required	gross application depth				
8.50	Gross depth is less than required	gross application depth				
8.60	Gross depth is less than required	gross application depth				
8.70	Gross depth is less than required	gross application depth				
8.80	Gross depth is less than required	gross application depth				
8.90	Gross depth is less than required	gross application depth				
9.00	Gross depth is less than required	gross application depth				
9.10	Gross depth is less than required	gross application depth				
9.20	0.013	22.71	21.25	0.14	5.8	
9.30	0.013	22.96	21.25	0.38	5.7	
9.40	0.013	23.20	21.25	0.63	5.7	
9.50	0.014	23.45	21.25	0.88	5.6	
9.60	0.014	23.70	21.25	1.12	5.6	
9.70	0.014	23.95	21.25	1.37	5.5	
9.80	0.014	24.19	21.25	1.62	5.5	
9.90	0.014	24.44	21.25	1.86	5.4	
10.00	0.014	24.69	21.25	2.11	5.3	

$$\frac{77 \text{ ac} \times 43560}{200' \times 8 \text{ hrs} \times 3 \text{ sets/day}} = 700'$$

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OCT 27 1993

GRADED BORDER EVALUATION

Job name: BRADY BG1
By: ADM

Location: SALMON RIVER
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0100 ft/ft Border width (W)= 440 ft
Net application (Fn)= 1.32 inches Border length (L)= 380 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
10.00	Gross depth is less than required	gross application depth				
10.10	Gross depth is less than required	gross application depth				
10.20	Gross depth is less than required	gross application depth				
10.30	Gross depth is less than required	gross application depth				
10.40	Gross depth is less than required	gross application depth				
10.50	Gross depth is less than required	gross application depth				
10.60	Gross depth is less than required	gross application depth				
10.70	Gross depth is less than required	gross application depth				
10.80	Gross depth is less than required	gross application depth				
10.90	Gross depth is less than required	gross application depth				
11.00	0.025	22.74	21.26	0.16	5.8	
11.10	0.025	22.94	21.26	0.37	5.8	
11.20	0.025	23.15	21.26	0.57	5.7	
11.30	0.026	23.36	21.26	0.78	5.7	
11.40	0.026	23.56	21.26	0.99	5.6	
11.50	0.026	23.77	21.26	1.19	5.6	
11.60	0.026	23.98	21.26	1.40	5.5	
11.70	0.027	24.18	21.26	1.61	5.5	
11.80	0.027	24.39	21.26	1.81	5.4	
11.90	0.027	24.60	21.26	2.02	5.4	
12.00	0.027	24.80	21.26	2.23	5.3	

$$\frac{2640'}{7 \text{ days}} \approx 380'$$

For Approx 80 zone

3 sets / day 1320/3
7 day return
L ≈ 440'

MONITORING
OCT 27 1993

GRADED BORDER EVALUATION

Job name: BRADY RP1
By: ADM

Location: SALMON RIVER
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 400 ft
Net application (Fn)= 1.13 inches Border length (L)= 200 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
3.00	Gross depth is less than required	gross application depth				
3.10	Gross depth is less than required	gross application depth				
3.20	Gross depth is less than required	gross application depth				
3.30	Gross depth is less than required	gross application depth				
3.40	Gross depth is less than required	gross application depth				
3.50	Gross depth is less than required	gross application depth				
3.60	Gross depth is less than required	gross application depth				
3.70	Gross depth is less than required	gross application depth				
3.80	0.010	16.42	15.17	0.12	6.9	
3.90	0.010	16.85	15.17	0.55	6.7	

$L = \text{observed}$

$$LL = \frac{77 \text{ rows} \times 42500}{(200)(14 \text{ days})(3 \text{ sets/day})} \approx 400'$$

RECEIVED
OCT 27 1993

GRADED BORDER EVALUATION

Job name: BRADY RP1
By: ADM

Location: SALMON RIVER
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)=1140 ft
Net application (Fn)= 1.13 inches Border length (L)= 200 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
10.00	Gross depth is less than required	gross	gross	application	depth	
10.10	Gross depth is less than required	gross	gross	application	depth	
10.20	Gross depth is less than required	gross	gross	application	depth	
10.30	Gross depth is less than required	gross	gross	application	depth	
10.40	Gross depth is less than required	gross	gross	application	depth	
10.50	Gross depth is less than required	gross	gross	application	depth	
10.60	Gross depth is less than required	gross	gross	application	depth	
10.70	Gross depth is less than required	gross	gross	application	depth	
10.80	0.009	16.37	15.17	0.07	6.9	
10.90	0.010	16.52	15.17	0.22	6.8	
11.00	0.010	16.67	15.17	0.37	6.8	
11.10	0.010	16.83	15.17	0.53	6.7	
11.20	0.010	16.98	15.17	0.68	6.7	
11.30	0.010	17.13	15.17	0.83	6.6	
11.40	0.010	17.28	15.17	0.98	6.5	
11.50	0.010	17.43	15.17	1.13	6.5	
11.60	0.010	17.58	15.17	1.28	6.4	
11.70	0.010	17.73	15.17	1.44	6.4	
11.80	0.010	17.89	15.17	1.59	6.3	
11.90	0.010	18.04	15.17	1.74	6.3	
12.00	0.011	18.19	15.17	1.89	6.2	

110 Acres
200 Length
3 sets/dzy
7 dzy return
width = 1140

MAINTENANCE
OCT 2 1993

GRADED BORDER EVALUATION

Job name: BRADY RP1
By: ADM

Location: SALMON RIVER
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 440 ft
Net application (Fn)= 1.13 inches Border length (L)= 380 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
6.00	Gross depth is less than required	gross application depth				
6.10	Gross depth is less than required	gross application depth				
6.20	Gross depth is less than required	gross application depth				
6.30	Gross depth is less than required	gross application depth				
6.40	Gross depth is less than required	gross application depth				
6.50	Gross depth is less than required	gross application depth				
6.60	Gross depth is less than required	gross application depth				
6.70	Gross depth is less than required	gross application depth				
6.80	Gross depth is less than required	gross application depth				
6.90	Gross depth is less than required	gross application depth				
7.00	Gross depth is less than required	gross application depth				
7.10	Gross depth is less than required	gross application depth				
7.20	Gross depth is less than required	gross application depth				
7.30	Gross depth is less than required	gross application depth				
7.40	Gross depth is less than required	gross application depth				
7.50	Gross depth is less than required	gross application depth				
7.60	Gross depth is less than required	gross application depth				
7.70	Gross depth is less than required	gross application depth				
7.80	Gross depth is less than required	gross application depth				
7.90	0.018	16.33	15.17	0.03	6.9	
8.00	0.018	16.54	15.17	0.23	6.8	

$$\frac{2640'}{7 \text{ days}} \approx 380'$$

For 80 acres
3 sets / day
7 days return
L $\approx$ 440' $\swarrow$ $1320 \div 3$

INCHES
OCT 1993

GRADED BORDER EVALUATION

Job name: BRADY TEST
By: ADM

Location: LOCATION
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 200 ft
Net application (Fn)= 1.13 inches Border length (L)= 200 ft
Flow per border (Q)= 3.00 cfs

Inflow Time	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
0 hr, 0 min	Gross	depth is less	than required	gross applic.	depth	
0 hr, 30 min	Gross	depth is less	than required	gross applic.	depth	
1 hr, 0 min	Gross	depth is less	than required	gross applic.	depth	
1 hr, 30 min	0.015	4.86	3.31	0.42	23.3	
2 hr, 0 min	0.015	6.48	4.40	0.95	17.4	
2 hr, 30 min	0.015	8.10	5.43	1.54	14.0	
3 hr, 0 min	0.015	9.72	6.42	2.17	11.6	
3 hr, 30 min	0.015	11.34	7.38	2.83	10.0	
4 hr, 0 min	0.015	12.96	8.31	3.52	8.7	
4 hr, 30 min	0.015	14.58	9.22	4.23	7.8	
5 hr, 0 min	0.015	16.20	10.12	4.95	7.0	

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: BRADY TEST
By: ADM

Location: LOCATION
Date: Jul 12, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 200 ft
Net application (Fn)= 1.13 inches Border length (L)= 200 ft
Flow per border (Q)= 5.00 cfs

Inflow Time	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
0 hr, 0 min	Gross	depth is less than required gross applic. depth				
0 hr, 30 min	0.025	2.70	0.89	0.68	41.9	
1 hr, 0 min	0.025	5.40	2.16	2.11	20.9	
1 hr, 30 min	0.025	8.10	3.32	3.65	14.0	
2 hr, 0 min	0.025	10.80	4.40	5.27	10.5	
2 hr, 30 min	0.025	13.50	5.43	6.94	8.4	
3 hr, 0 min	0.025	16.20	6.42	8.65	7.0	
3 hr, 30 min	0.025	18.90	7.38	10.39	6.0	
4 hr, 0 min	0.025	21.60	8.31	12.16	5.2	
4 hr, 30 min	0.025	24.30	9.23	13.94	4.7	
5 hr, 0 min	0.025	27.00	10.12	15.75	4.2	

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

00:00:44
05/28/92

CLAIM NUMBER: 671-02079

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE								
POINT OF DIV	Y							
CR								
PLACE OF USE	Y							
DIV. AMOUNT CES/VOLUME								
CONSUMPTIVE USE	-							
PURPOSES								
PERIOD OF USE	Y							
BASIS OF CLAIM								
REMARKS	Y							

VERIFIED BY CODES

TOPO MAP/ORTHOPHO = 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.

1061 12 189

PAGE: 1
GENERAL INFORMATION

STATE OF TEXAS
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

CLAIM NUMBER: A71-02079

06:00:44
05/28/92

LAST: O GARA FAMILY TRUST
ADDRESS: C/O BRIAN BARSOTTI
CITY: P.O. BOX 2133
STATE: TX ZIP: 83340
PHONE NUMBER: 208-726-3030

OWNER CODE: C

LAST: O GARA
ADDRESS: C/O BRIAN BARSOTTI
CITY: P.O. BOX 2133
STATE: ID ZIP: 83340
PHONE NUMBER: 208-726-3030

OWNER CODE: C

LAST: BARSOTTI
ADDRESS: P.O. BOX 2133
CITY: KETCHUM
STATE: ID ZIP: 83340
PHONE NUMBER: 208-726-3030

OWNER CODE: A

LAST: KOSHOLO
ADDRESS: PO BOX 1906
CITY: TWIN FALLS
STATE: ID ZIP: 833031906
PHONE NUMBER: 208-734-0700

OWNER CODE: A

LAST: NEWMAN
ADDRESS: TWIN FALLS
CITY: TWIN FALLS
STATE: ID ZIP: 83301
PHONE NUMBER: 208-000-0000

OWNER CODE: 0

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

001 27 1992

AFTER 11/30/90 DEADLINE FOR COUNTY. THE CURRENT OWNERS AND
SELLER OF THE LAND IS FREDERICK G. AND BEATRICE C. (BRILLISFORD)
MEREDITH.

FIELD EXAMINATION INFORMATION

CONTACT PERSON:

PHONE NUMBER: () -

DATE OF FIELD EXAM: 6/30/93

APPOINTMENT MADE ()

TIME: () P ()

ACCOMPANIED BY:

Robb Brady

Richard Burt

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT:

Investor

DIRECTIONS TO PROPERTY / REMARKS:

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OCT 27 1993