

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: A71-02004A
Date Received: 5/10/1989
Receipt No: S007078
Received By: B. V. 71

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: MARILYN ANN MUELLER 208-774-3362
Address: HC 64, BOX 9475
KETCHUM, ID 83340

2. Date of Priority: OCT 23, 1909

3. Source: FOURTH OF JULY CREEK Trib. to: SALMON RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
08N	14E	9	SW	SW	SW		CUSTER

5. Description of diverting works:
HEAD GATE IN FOURTH OF JULY CREEK

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.100		

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

8. Total consumptive use is 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	4	NW	SW		IRR	5.0
Section Acres							5.0

10. Place of Use: Continued

Total Acres 5.0

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 IS A PORTION OF WATER RIGHT 71-02004 FOR TOTAL
DIVERSION OF 3.0 CFS..

15. Basis of Claim: LICENSE
Water Right Number: 5355

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): X Marilyn A. Mueller Date: X 5-10-89

Date: _____

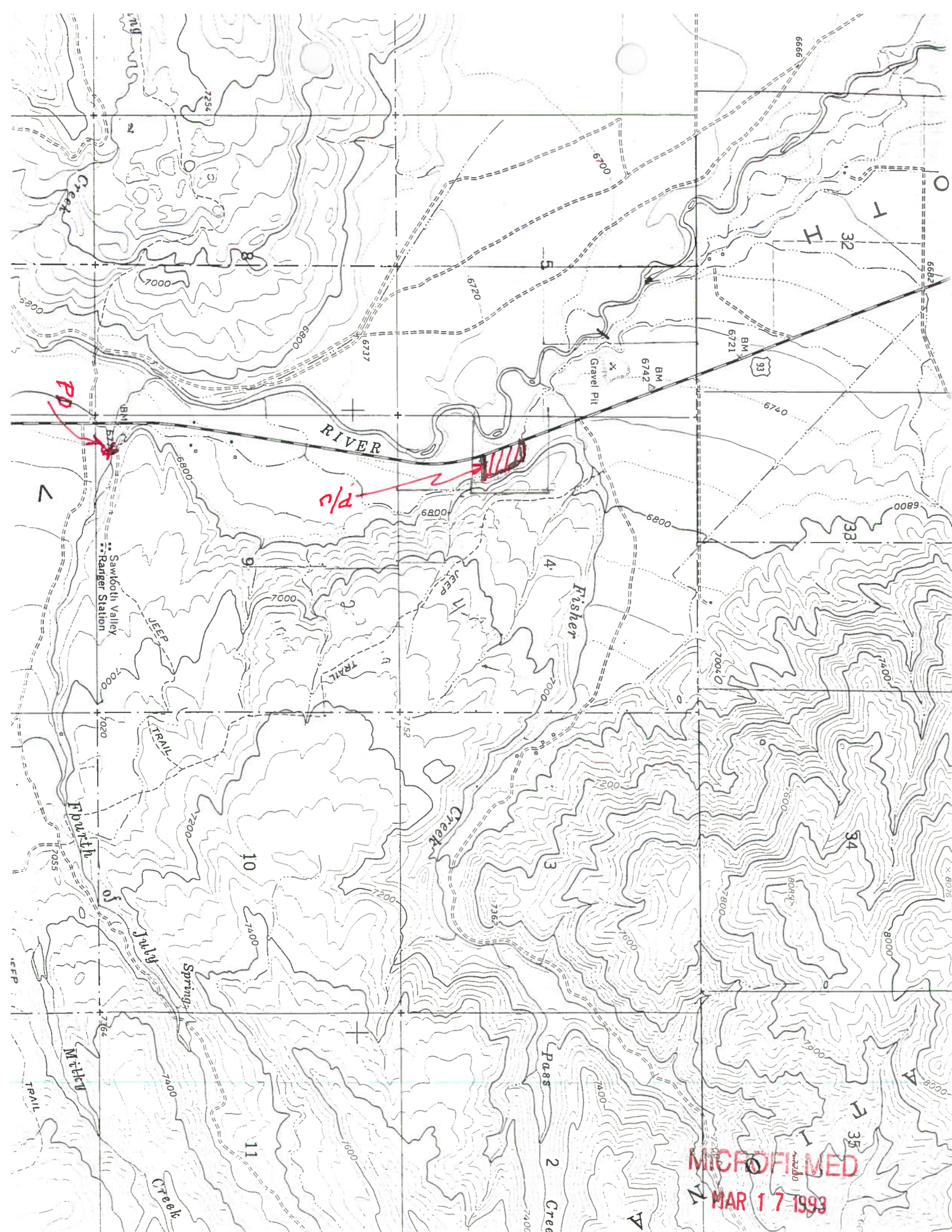
State of Idaho)
County of Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 10th day
of May 19 89

Robert V. Borstell
Notary Public

Seal

Residing at Twin Falls, Idaho
My Commission Expires 1/16/1995



MICROFILMED
MAR 17 1993

Water Right Number - 71-02004

[illegible]

3 - City- PIERSON State- ID Zip-
phone -

```

+ - - Priority Date - - +
      10/23/1909
+ - - - Region - - - +
      17
+ - - Stage - - - +
      L - LICENSE
+ - - - Status - - - +

```

+ - - -	- Source - - - - +
	FOURTH OF JULY CREEK
	- - - - -
	+ - - - - Tributary
	SALMON RIVER

[illegible]

Twin	king	dec	date
08N	14E	9	SW SW
(37) CUSTER			

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

metal Div. Volume - + - Total Div. Capacity - +

[illegible]

Twn	Rng	Sec	Tract	Lot	Acres	place of Use	Description	County
08N	14E	4	NW SW		5.0	01	IRRIGATION	(37) CUSTER
08N	14E	4	SW SW		20.0	01	IRRIGATION	(37) CUSTER
08N	14E	9	NW NW		20.0	01	IRRIGATION	(37) CUSTER
08N	14E	9	SW NW		30.0	01	IRRIGATION	(37) CUSTER
08N	14E	9	NE SW		20.0	01	IRRIGATION	(37) CUSTER
08N	14E	9	NW SW		35.0	01	IRRIGATION	(37) CUSTER
08N	14E	9	SW SW		20.0	01	IRRIGATION	(37) CUSTER

Total Acres: 150.0

Mean - Diversion Means -

+ - Non-Irrigation Use -

Other Rights for Same Use -

Case No.	Date	Remarks
1000	10/10/50	P/D INCOMPLETE. SEE FILE.

MICROFILMED
MAR 17 1993

AJ0743NP
(00-124)

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

05/17/98 13:21:22
Page 1

Water Right Number - R71-02004A

Prefix Translation: RESEARCH

Old (D) Number - 5355

*** C - CURRENT OWNER ***
MUELLER

MARILYN ANN

1 - HC 64 BOX 9475
2 -
3 -
City- KETCHUM
Phone - 208-774-3362

State- ID Zip- 83340

+ - - Priority Date - - +
10/23/1909

+ - - 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 SE NE SE (37) CUSTER

+ - - - - - Water Use - - - - -
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 05/01 09/30 0.100

+ - - Total Div. Rate - + - - Total Div. Volume - +
0.100

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

+ - - - - - Place of Use - - - - -
Twn Rng Sec Tract Lot Acres Code Description County
08N 14E 4 NW SW 4.4 01 IRRIGATION (37) CUSTER

Total Acres: 4.4

+ - - Diversion Means - CHECK DAM TO CANAL TO GRAVITY DITCHES

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

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

EXP THE RIGHTS LISTED BELOW ARE EACH DIVERTED THROUGH
POINT OF DIVERSION DESCRIBED ABOVE. RIGHT NOS.: 71-02004A,
71-02004B, 71-02063, 71-04037, 71-02085B, 71-10764 & 71-10767.

+ - - - - - Old Water Right Numbers - - - - -
7102004

Water right number - R71-02004A

Prefix Translation: RESEARCH

----- Conditions of Approval -----
C02 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN SOURCE PURSUANT TO
SECTION 42-1425, IDAHO CODE.
C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
PURSUANT TO SECTION 42-1425, IDAHO CODE.

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

----- Comments -----
Date: 04/20/1994 User Id: MERRITT Subject: COPIED FROM REMARKS DIVERSION OF 3.0 CFS..
THIS CLAIM IS A PORTION OF WATER RIGHT 71-02004 FOR TOTAL
Date: 05/17/1998 User Id: AMERRITT Subject: COPIED FROM REMARKS
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 71-10767, 71-10764, 71-020858,
71-04037, 71-02063, 71-02004A, 71-02004B & 71-02004C.

+ - - Audit Fields - - +
05/17/98 AMERRITT

+ - - Adjudication Rights Dates and Flags Area - - - - - +
Court Report Filing - 00/00/0000 Field Inspection Made - 07/02/1993 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 - 05/10/1989 Last Amended Date - 00/00/0000 Temporary Right - P
Receipt Number - S007078 Water District -
POU Ownership Flag - Y Federal/State Indicator - S
Name Connector - Presumption Flag - C
Notice of Error Flag -

IDAHO DEPARTMENT OF WATER RESOURCES
EXCEL PROGRAM

FOR RIGHT NO: 71-02004

BY: ADM

DATE: 14-May-98

CREATED ON 2-1-94
BY ADM & KKC
MODIFIED DATE
5/5/98 BY ADM

BASE RATE: 2.50 CFS

OWNER	CLAIMED	ACRES FOUND	FIRST SHARE OF BASE	POTENTIAL SHARE OF BASE RATE	FIRST CUT	2ND ACRE ITERATION	2ND SHARE ITERATION	POTENTIAL SHARE OF REMAINING	SECOND CUT	PRELIM RATE	RATE PER ACRE
A71-02004A MUELLER	0.10	4.4	4.08	0.100	0.100	1.5	1.48	0.034	0.034	0.100	0.023
A71-02004B JENSEN	0.04	1.5	1.48	0.034		97.2	92.18	2.211	2.211	0.034	0.023
A71-02004C FUREY	3.00	97.2	88.48	2.211		6.8	6.48	0.155	0.155	2.211	0.023
A71-02004E ELLIS	0.30	6.8	6.28	0.155						0.155	0.023

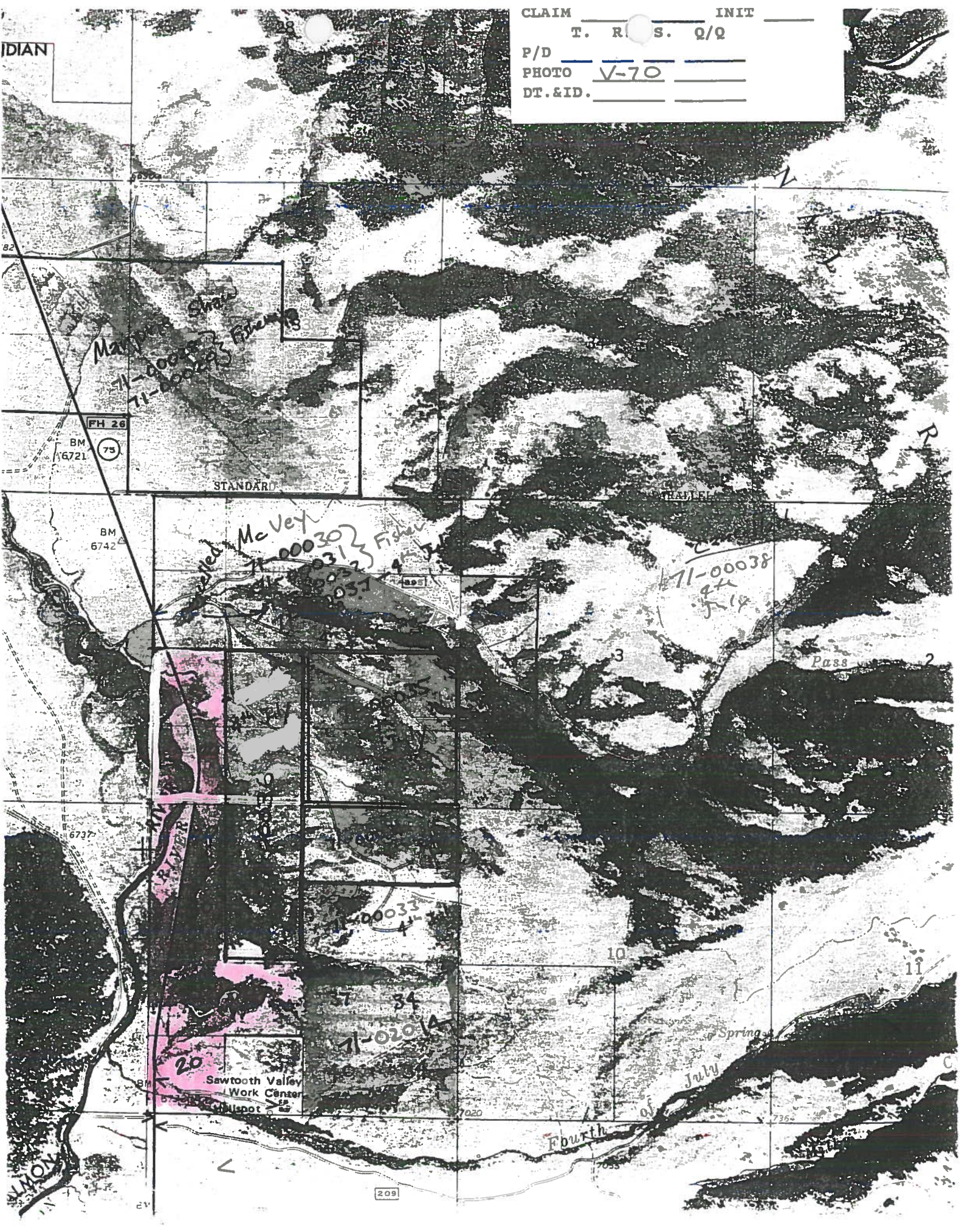
SUMS	3.44	109.9	100.08	2.500	0.100	105.5	100.08	2.400	2.400	2.500
FIRST ITERATION BALANCE										
NOT ALLOCATED ==>										
2.400 CFS										

TOTAL POTENTIAL
ALLOCATED RATE
BEFORE HUBBLE ==> 2.500 CFS

BALANCE NOT
ALLOCATED ==> 0.000 CFS

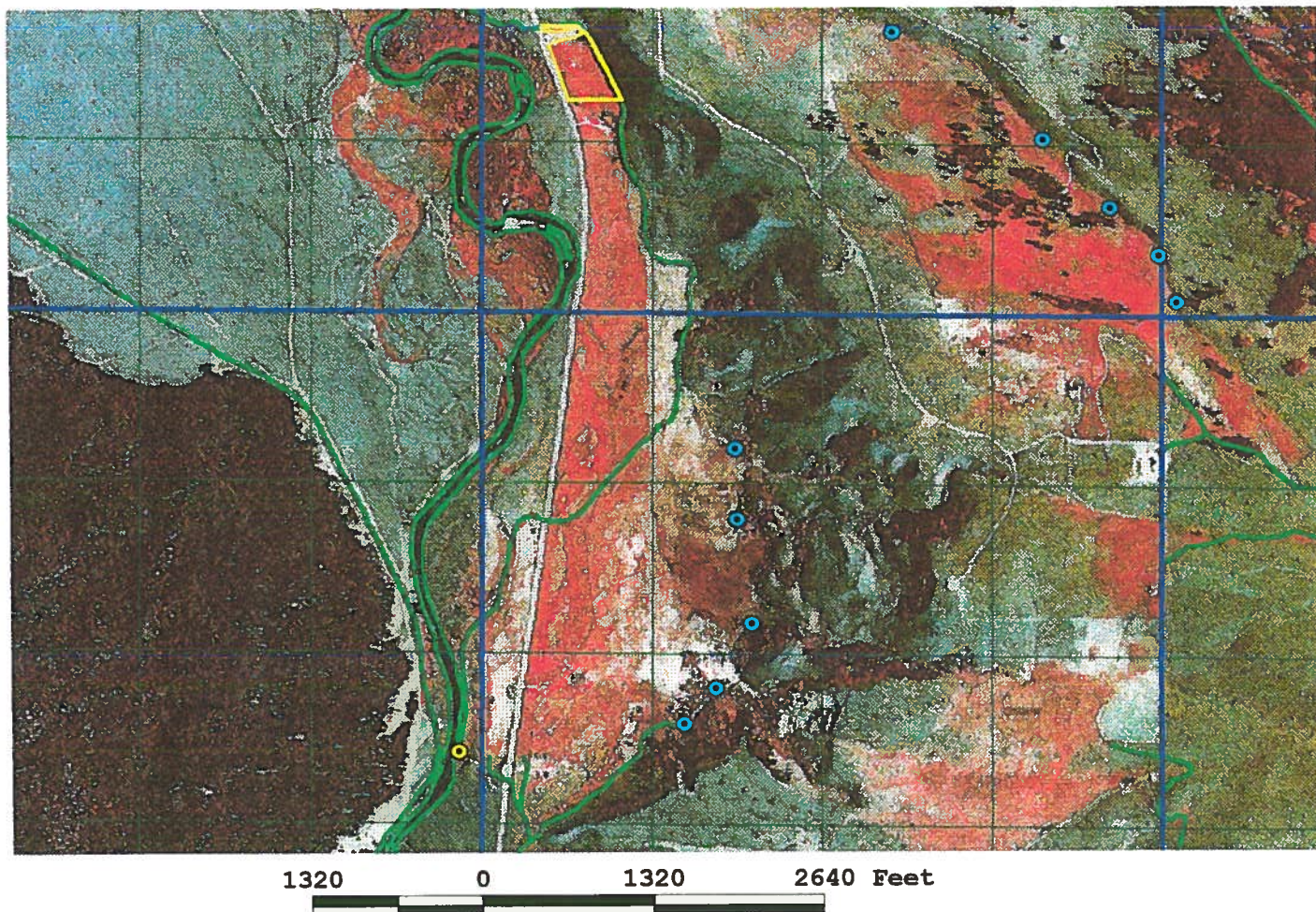
INDIAN

CLAIM _____ INIT _____
T. R. S. Q/Q
P/D _____
PHOTO V-70
DT.&ID. _____



IDAHO DEPARTMENT OF WATER RESOURCES

71-02004A



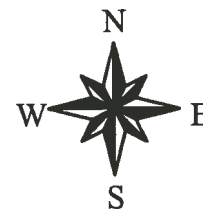
POU:

TWP 08N, RGE 14E,
SEC 4

POD: SALMON RIVER

TWP 08N, RGE 14E

SENESE 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

71-02004A

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																			
GIS	8N	14E	4									4.4							4.4
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B71-DBPOD.SHP

4.4

NOS DESCRIPTION

60 DENESIE
Sec 8

B71-DBPOU.SHP

SHAPE NOS

100 4.4

DBF TABLES UPDATED

B71-DBPOD.DBF

B71-DBPOU.DBF

R PROOF

CVR

MAPS

PHOTOS

MISC

MICROFILMED

OCT 27 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Presumption Memorandum Status

AGENT Adm

DATE 6/1/94

CLAIM NUMBER	STAGE	PRESUMPTION CATEGORY			WITHIN A PPU	
		1st	2nd	Accomplished transfer	(YES)	(NO)
<u>A71-02009A</u>	<u>L</u>			<u>✓</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: Approx 18yrs
TYPE OF CHANGE: (P/D), P/U, (N/U), OTHER before 1993,

OVERLAPPING CLAIMS:	ACRES	ACRES
	ACRES	ACRES
	ACRES	ACRES
	ACRES	ACRES
	ACRES	ACRES
	ACRES	ACRES

MICROFILMED
OCT 27 1994

Water Right Number - R71-02004A

Prefix Translation:

Old (D) Number - 5355

*** C - CURRENT OWNER ***

MUELLER

MARILYN ANN

1 - HC 64 BOX 9475
2 -
3 -
City- KETCHUM
Phone - 208-774-3362

State- ID Zip- 83340

Priority Date - 10/23/1909

Region - 17 SOUTHERN

Stage - L - LICENSE

Status

Source - SALMON RIVER

Tributary - SNAKE RIVER

Twn	Rng	Sec	Tract	Lot	RFlg	County	Point of Diversion
08N	14E	8	SE NE SE			(37) CUSTER	

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		05/01	09/30		0.100	

Total Div. Rate - 0.100 Total Div. Volume - 0.100 Total Consumptive Use - 8.8 KW Usage -

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
08N	14E	4	NW SW		4.4	01	IRRIGATION	(37) CUSTER

Total Acres: 4.4

- - - Diversion Means - CHECKDAM TO CANAL TO GRAVITY DITCHES

- - - Non-Irrigation Use - NONE

- - - Other Rights for Same Use - NONE

REMARKS
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 71-10767, 71-10764, 71-02085B,
71-04037, 71-02063, 71-02004A, 71-02004B & 71-02004C.

7102004 Old Water Right Numbers

MICROFILMED
OCT 27 1994

Water right number - R71-02004A

Prefix Translation: RESEARCH

+ - - - - - Conditions of Approval - - - - -
C02 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN SOURCE PURSUANT TO IDAHO
CODE 42-1416A.
C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
- PURSUANT TO IDAHO CODE 42-1416A.

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

+ - - - - - Comments - - - - -
Date: 04/20/1994 User Id: MERRITT Subject: COPIED FROM REMARKS
THIS CLAIM IS A PORTION OF WATER RIGHT 71-02004 FOR TOTAL DIVERSION OF 3.0 CFS..

+ - - - - - Audit Fields - - - - -
05/19/94 MERRITT

+ - - - - - Adjudication Rights Dates and Flags Area - - - - - +
Court Report Filing - 00/00/0000 Field Inspection Made - 07/02/1993 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 - 05/10/1989 Last Amended Date - 00/00/0000 Temporary Right - P
Receipt Number - S007078 Water District -
POU Ownership Flag - Y Federal/State Indicator - S
Name Connector - Presumption Flag - C
Notice of Error Flag -

MICROFILMED
OCT 27 1994

CLAIM ALL 02004A INIT AD
 P. R. S. Q/Q
 P/D 14E 8 SENESE
 PHOTO V-70
 DT. & ID. Recommended

POOR ORIGINAL

FH 26

BM
6721

STANDARD

BM
6742

395

P/u

P/D

**Sawtooth Valley
Work Center**

10

11

Spring

July

Fourth

Milk P

209

16

15

Corral

Champion
6995

MICROFILMED
OCT 27 1994

x Gravel
Pit

POOR ORIGINAL

Excess Flow Evaluation

3/22/94 by ADM

A71-10767 - Furey
A71-02004CA71-10764) Humphrey/Day
A71-02085B)A71-04037) Carstensen
A71-02063)

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

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

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

MICROFILMED
OCT 27 1994

could be served by this ditch were analysed under the ditch which diverts from the Salmon River within SWSENE Sec 5 T8N R14E. These extra 75 acres justify 3.84 IR (See 2/24/94 Evaluation). As a practical matter these acres can be served by this ditch diverted in sec 8 but I am keeping the evaluation of the lands separate then in my recommendation I intend to lump the lands together & list both points of diversion.

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

MICROFILMED
OCT 27 1994

POOR ORIGINAL

discussed them filing for more water. This filing finally came to fruition on 3/21/94 by filing of claim A71-10764. I have determined that 47.5 Acres receive water from the Salmon River. These are 200 of 2 common B61 type soil. The Hubble analysis justifies 3.22 cfs for the 47.5 Acres.

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

MICROFILMED

OCT 27 1994

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

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

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

MICROFILMED
OCT 27 1994

P/D from Salmon River

SENESE Sec 8 T8N, R14E

CONVEYANCE LOSS - WORSTELL

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

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

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

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

MICROFILMED
 OCT 27 1994

POOR ORIGINAL

29

Obsidian

POOR ORIGINAL

CLAIM

INIT

40

T. R. S. Q/Q
P/D 8N 14E 8 SE NESE
PHOTO V-70
DT. & ID.

6654

6650

6682

6666

2ND

FH 26

BM

6721

75

STANDARD

9250

BM

6742

6732

4951

10

Sawtooth Valley
Work Center

MICROFILMED

OCT 27 1994

Fb

SALMON

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

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) -

FUREY & OTHERS
 ADM
 JACK FUREY

POOR ORIGINAL

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						1ST MEASUREMENT TIME/SEC	2ND MEASUREMENT TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
1.00		1.00	1.62	0.81	10	23.1	10	28.3	0.50	0.405	0.96	0.79	0.44
2.00		2.00	1.73		10	25.4	10	26.8	1.00	1.730	0.88	0.83	0.88
3.00		3.00	1.75		10	22.0	10	30.8	1.00	1.750	1.01	0.73	0.87
4.00		4.00	1.78		10	19.6	10	13.9	1.00	1.780	1.13	1.59	0.86
5.00		5.00	1.78		10	13.6	10	18.5	1.00	1.800	1.62	1.20	1.36
6.00		6.00	1.80		10	15.5	10	13.9	1.00	1.800	1.43	1.59	1.41
7.00		7.00	1.80		10	14.3	10	16.4	1.00	1.800	1.54	1.35	1.51
8.00		8.00	1.80		10	19.6	10	18.2	1.00	1.800	1.13	1.22	1.45
9.00		9.00	1.80		10	20.3	10	27.9	1.00	1.800	1.09	0.80	1.18
10.00		10.00	1.55		5	26.1	10	28.4	1.00	1.550	0.44	0.79	0.95
11.00		11.00	1.44		5	28.9	10		1.00	1.440	0.40		0.61
12.00		12.00	1.40		5	38.0			1.00	1.440	0.40		0.40
13.00		13.00		0.70					0.70	0.980	0.31		0.31
13.40		13.40							0.20	0.140			0.15
END													

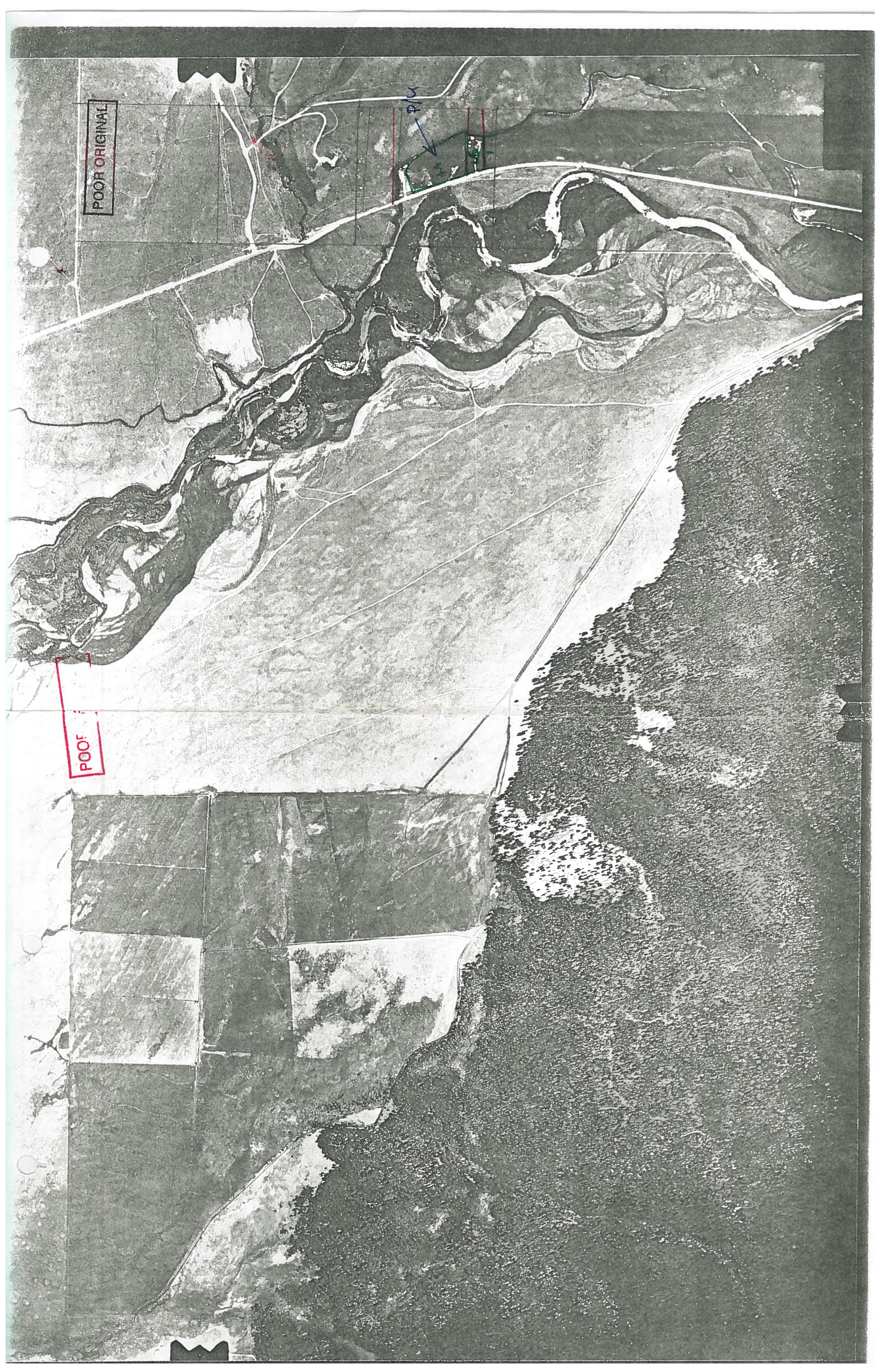
20.51

MICROFILMED
 OCT 27 1994

POOR ORIGINAL

P/M

POOF



IDAHO DEPARTMENT OF WATER RESOURCES
LOTUS FORM - SPLIT

FOR RIGHT NO: 71-02004 FOR 3.00 CFS MINUS 0.50 CFS TO USFS UNDER A71-02004D

BY: ADM
DATE: 17-Mar-94

BASE RATE: 2.50 CFS

CREATED ON 2-1-94
BY ADM & KKC
MODIFIED DATE

OWNER	CLAIMED RATE	ACRES FOUND IRRIGATED	FIRST SHARE OF BASE RATE	POTENTIAL SHARE OF BASE RATE	FIRST CUT	2ND ACRE ITERATION	2ND SHARE ITERATION	POTENTIAL SHARE OF REMAINING	SECOND CUT	PRELIM RATE SUMMARY	RATE PER ACRE
A71-02004A MUELLER	0.10	4.4	4.1%	0.103	0.100	1.5	1.5%	0.035	0.035	0.100	0.023
A71-02004B JENSEN	0.04	1.5	1.4%	0.035		94	91.7%	2.201	2.201	0.035	0.023
A71-02004C FUREY	3.00	94	87.9%	2.198		7	6.8%	0.164	0.164	2.201	0.023
A71-02004E ELLIS	0.30	7	6.5%	0.164						0.164	0.023

SUMS	3.44	106.9	100.0%	2.500	0.100	102.5	100.0%	2.400	2.400	2.500
			FIRST ITERATION BALANCE							
			NOT ALLOCATED ==>		2.400 CFS					

TOTAL POTENTIAL
ALLOCATED RATE
BEFORE HUBBLE ==> 2.500 CFS
BALANCE NOT
ALLOCATED ==> -0.000 CFS

MICROFILMED
OCT 27 1994

Rights on of

T8.1, R14E, Sec 8

SENESE

Salmon River

POOR ORIGINAL

Furey

A71-10767

A71-02085A

A71-02004C

Disallow

3.22

Humphreys

A71-02085B

A71-10764

1958

USFs

A71-02085C

Disallow

Mueller

A71-02004A

*

1933

Jensen

A71-02004B

*

2.43
Christensen III

A71-02063

1933

A71-04037 *

1933

* Other P/D

MICROFILMED

OCT 27 1994

STATE OF ILLINOIS
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

CLAIM NUMBER: A71-02004A

06:16:00
05/27/92

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							
SOURCE								
PLACE OF USE	Y							
DIV. AMOUNT CFS/VOLUME	Y							
CONSUMPTIVE USE								
PURPOSES								
PERIOD OF USE	Y							
BASIS OF CLAIM	Y							
REMARKS	Y							

VERIFIED BY CODES

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

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

MICROFILMED
OCT 27 1994

PAGE: 1
GENERAL INFORMATION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

CLAIM NUMBER: A71-02004

06:16:00
05/27/92

LAST: MUELLER
ADDRESS: HC 64, BOX 9475
CITY: KETCHUM
PHONE NUMBER: 208-774-3362

FIRST: MARILYN ANN

STATE: ID ZIP: 83340

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE Y FIELD EXAMINER

CLAIM REMARKS: THIS CLAIM IS A PORTION OF WATER RIGHT 71-02004 FOR TOTAL
DIVERSION OF 3.0 CFS..

FIELD EXAMINATION INFORMATION

CONTACT PERSON: _____

PHONE NUMBER: () - -

DATE OF FIELD EXAM: 3/22/92

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY: _____

PHONE NUMBER: () - -

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

In office review based on information gathered thru summer 1993.
See Excess flow evaluation memo dated 3/24/92.

MICROFILMED
OCT 27 1992

A. AJ CLAIM: # A71-02004A PRIORITY DATE: 10-23-1909 STAGE: L

B. WR RECORD: # 71-02004 PRIORITY DATE: 10-23-1909 STAGE: L

C. FIELD EXAM REQUIRED? ☐ DATABASE ☒ FIELD EXAMINER

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

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y() N()

REMARKS:

Record 25 closed.

RECOMMENDED PRIORITY DATE:
10-23-1909

REVIEWED BY

DATE

AD *6/1/94*

MICROFILMED
OCT 27 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A71-02004A	08N	14E	9		SW	SW		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A71-02004B NONE

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: FOURTH OF JULY CREEK

TRIE: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
71-02004	08N	14E	9		SW	SW		CUSTER

OTHER WR RECORDS WITH SAME WR POD
NONE

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
A71-02004C NONE

SOURCE: FOURTH OF JULY CREEK

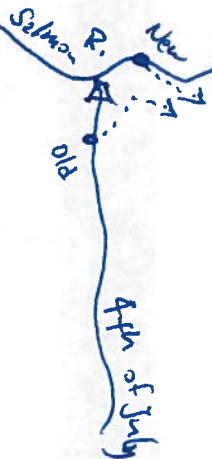
TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

REMARKS:

Water is now diverted from Salmon River instead of Fourth of July Creek. P/D is in T8N R14E Sec 8 SE NESE. is deturied from field exam for 71-02004C. There appears to be no injury in charge since no users divert between P/D of Fourth of July & on Salmon River and streams appear to be losing in this reach.



MICROFILMED
OCT 27 1994

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

LOT

COUNTY

8N 14E 8

SE NE SE

Custer

SOURCE: FOURTH OF JULY CREEK

TRIB: SALMON RIVER

REVIEWED BY:

DATE:

ADP

6/1/94

MICROFILMED

OCT 27 1994

A. ROOT WATER RIGHT NUMBERS: A71-02004A
A71-02004B

A71-02004C

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECORD ACRES
08N	14E	4	NO	SW		MUELLER, MARILYN ANN	A71-02004A / 5.0	-	-	4.4	4.4
			NW	SW		MUELLER, MARILYN ANN	A71-10052 /	-	-		
			NW	SW		JENSEN, MELBOURNE H.	A71-10053 /	-	-		
			NW	SW		FUREY, JACK B.	A71-10107 / 5.0	-	-		
			NW	SW		JENSEN, MELBOURNE H.	A71-02004B / 1.5	-	-		
			NW	SW		FUREY, JACK B.	A71-02085A / 5.0	-	-		
			NW	SW		FUREY, JACK B.	A71-02004C / 5.0	-	-		
			NW	SW		ACHEN, GEORGE W.	71-02004 / 5.0	-	-		

TOTAL ACRES A71-02004A

5.00

14.00

4.4

4.4

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE Y FIELD EXAMINER

POU COUNTY: CUSTER

PRESUMPTION FLAG:

REMARKS:

RECOMMENDATIONS:

TOTAL ACRES: 4.4

REVIEWED BY: ALR

DATE: 6/1/94

MICROFILMED
JUN 1994

A. AJ CLAIMED USES:

PURPOSES
A71-02004A IRRIGATION

MONTH/DAY
FROM 04-01 TO 11-01

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
.100 CFS
.100 CFS

B. WR RECORDED USES:

PURPOSES
71-02004 IRRIGATION

MONTH/DAY
FROM TO

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
3.000 CFS
3.000 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

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

Explain in remarks, below.

REMARKS:

Standard in 2002 5/1 to 9/30

MICROFILMED
OCT 27 1994

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

AJ TOTAL CLAIMED DIVERSION RATE: 0.100 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 3.000 CFS

Y(☒) N(☐)

*See Split Analysis
Portion being claimed.*

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

FLOW MEASUREMENT REQUIRED?

FIELD DATABASE EXAMINER

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

Y

MICROFILMED
OCT 27 1994

B.

MEASUREMENT METHOD

AA Meter

FLOW MEASUREMENT

SEE ATTACHED CALCULATIONS.

Meas. 20.51 cfs

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

OTHER RIGHTS LISTED IN CLAIM: NONE

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A71-02004A	FOURTH OF JULY CREEK	MUELLER, MARILYN ANN	0.100	0.020		
A71-02004B	FOURTH OF JULY CREEK	JENSEN, MELBOURNE H.	0.040	0.026		
A71-02004C	FOURTH OF JULY CREEK	FUREY, JACK B.	3.000	0.020		
A71-02085A	SALMON RIVER	FUREY, JACK B.	1.160	0.012		
A71-10107	SLIDE SPRING	FUREY, JACK B.	2.000	0.011		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A71-10052	DOMESTIC	MUELLER, MARILYN ANN	FROM 01-01 TO 12-31	.040 CFS	

D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES 4.4 ³ X 0.00 CFS/ACRE = 0.13 CFS
(Taken from p/u review)

DOES AMOUNT CLAIMED EXCEED 0.00 CFS/ACRE? 3 Y() N(X)

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = AE/A

ACRES 4.4 X CONSUMPTIVE VOL. AE/A FOR AREA 2.0 =

TOTAL CONSUMPTIVE USE 8.8 AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES 4.4 X DIVERSION VOL. AE/A FOR AREA N/A =

TOTAL DIVERSION VOLUME N/A AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N(X)

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

MICROFILMED
OCT 27 1994

RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CON-
USE

IRRIGATION

~~04-01~~

11-01

DATABASE EXAMINER

DATABASE EXAMINER

DATABASE EXAMINER

TOTAL FOR THIS RIGHT

~~5/1~~

9/30

0.100

0.0

REVIEWED BY:

DATE:

[Signature]

5/1/94

MICROFILMED
OCT 27 1994

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FORFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

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

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-02004

TOTAL DIVERSION RATE OF WR SPLITS
DATABASE
3.000

SPLITS:

EXAMINER

See split Analysis
CFS

MICROFILMED
OCT 27 1994

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
71-02004	A71-02004A	0.100	-	-	71-02004	3.000
71-02004	A71-02004B	0.040	-	-	71-02004	3.000
71-02004	A71-02004C	3.000	-	-	71-02004	3.000

TOTAL CFS 3.140

3.000

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, is the written review sheet attached? (Y/N)

DATABASE
N

FIELD
EXAMINER

REMARKS:

AUTHENTICATION:

SIGNATURE:

[Signature]

DATE:

6/1/94

NAME OF FIELD EXAMINER:

TITLE:

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	MARILYN ANN MUELLER HC 64, BOX 9475 KETCHUM ID 83340 (208) 774-3362	10/23/1909	IRRIGATION	04-01 11-01	0.10 CFS	
				TOTAL DIVERSION:	0.10 CFS	

Water Source: FOURTH OF JULY CREEK

Tributary to: SALMON RIVER

Stage: LICENSE

Point(s) of Diversion:

TOBN R14E S09

SWSW

CUSTER County

Place of use	Legal Description for: IRRIGATION	NE	NW	SW	SE	SUM
T R S	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: SUM
08N 14E 4	:	:	:	:	:	:
						5.0
TOTAL ACRES						5.0

POU County: CUSTER

Non-Irrigation Uses: NONE

Other Rights: NONE

Non-Irrigation Use: NONE

Remarks: THIS CLAIM IS A PORTION OF WATER RIGHT 71-02004 FOR TOTAL DIVERSION OF 3.0 CFS..

Dates: Exam Made Date: Verified Date:

Misc: Water District Number: Field Inspection Flag: Presumption Flag:

MICROFILMED
OCT 27 1994