

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

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

CIVIL CASE NUMBER: 39576

Ident. Number: A72-04133
Date Received: 11/16/1989
Receipt No: 11005240
Received By: SAJ

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: RALPH W. HUTCHISON
Address: HC 61 BOX 3039
CHALLIS, ID

208-879-2748

83226

2. Date of Priority: APR 01, 1886

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
15N	19E	35	NE	NW	NW		CUSTER

5. Description of diverting works:
WING DAM, DITCHES FOR FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	12.000		

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

A.F.A.

8. Total consumptive use is 555.0 Acre Feet Per Annum.

9. Non-irrigation uses:
INCIDENTAL STOCKWATERING FOR 35 COWS, 30 YEARLINGS

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
15N	19E	25	NW	NE		IRR	20.0
			NE	NW		IRR	20.0
			SW	NW		IRR	15.0

A72-04133

Page

11, 16/89

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MAR 18 1993

10. Place of Use: Continued

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
15N	19E	25	SE		NW		IRR	20.0
			NE		SW		IRR	7.0
			NW		SW		IRR	15.0
			Section Acres					97.0
		26	NE		SW		IRR	25.0
			SE		SW		IRR	20.0
			NE		SE		IRR	35.0
			NW		SE		IRR	20.0
			SW		SE		IRR	15.0
			SE		SE		IRR	10.0
			Section Acres					125.0
			Total Acres					222.0

11. Place of use in counties: CUSTER

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

13. Other Water Rights Used:
NONE

14. Remarks:

15. Basis of Claim: STATUTORY CLAIM

16. Signature(s)

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

Number of attachments: 1

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): Ralph W. Hutchison Date: Nov 16 89

Date: _____

State of Idaho)
County of Custer) SS.

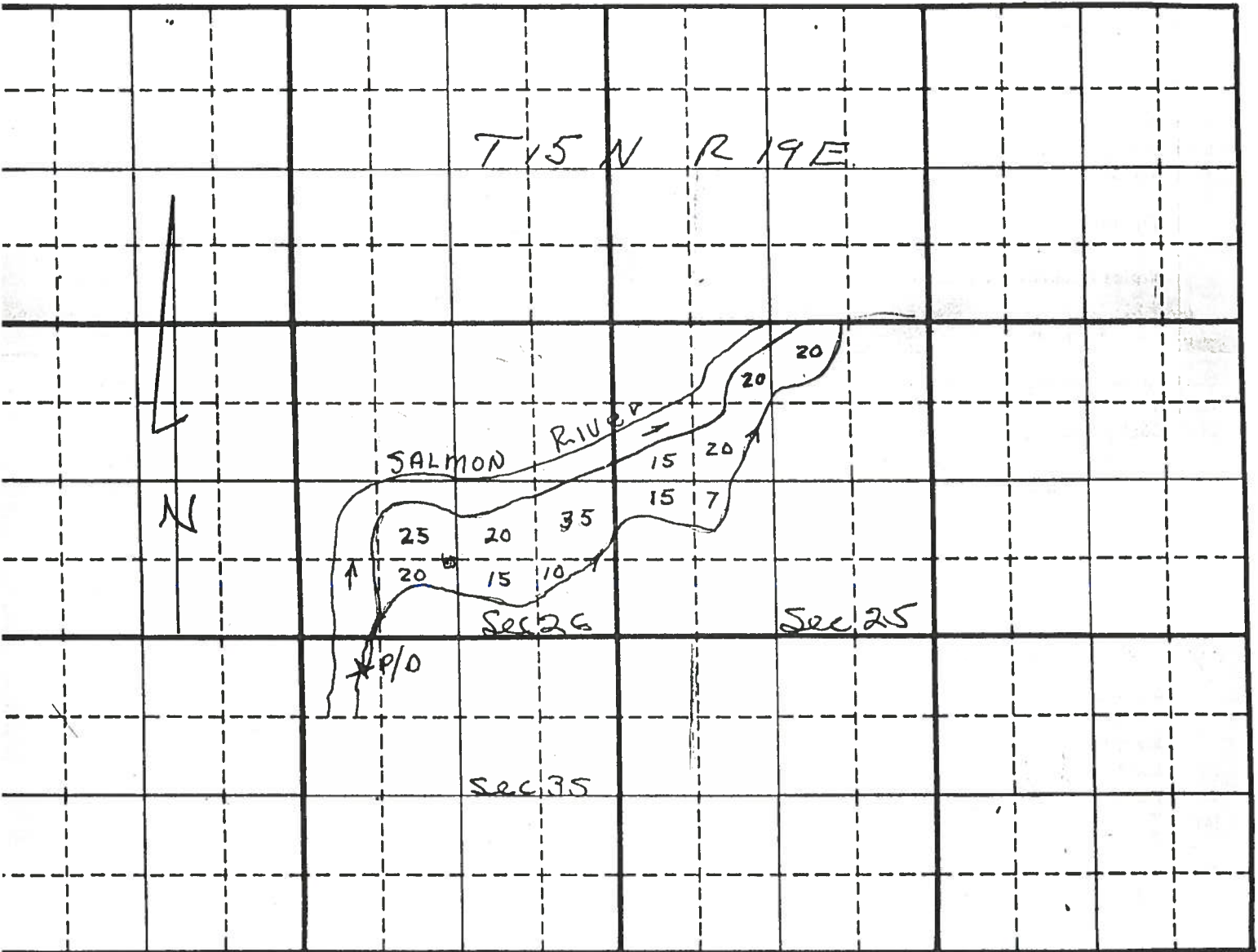
Subscribed and sworn (or affirmed) before me this 16 day
of November 19 89

[Signature]
Notary Public

Seal

Residing at Shoshone Falls, Id.
My Commission Expires 22 Aug 1994

(8) Remarks



Scale: 2 inches equal 1 mile.

Map should show the location of the point of diversion and the place of use of the water by 40-acre subdivisions, section, township and range of the public land survey system.

State of Idaho)
County of Custer) ss.

MICROFILMED
MAR 18 1993

Be it known that the undersigned, being duly sworn, deposes and says that he, she, they subscribed the foregoing claim to a water right, together with all attached information, and that the matters and facts therein are true to the best of the affiant's knowledge.

Ralph W. Hutchison
(Claimant)

Sworn to before me this 2 day of February, 1983.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

March 2, 1992

R. KEITH HIGGINSON
Director

A72-04133
RALPH W. HUTCHISON
MC 61 BOX 3039

CHALLIS

ID 83226

RE: Evidence of Priority

RESPONSE DEADLINE

MAY 1, 1992

Dear Claimant:

The Notice(s) of Claim identified with the number shown above your name on the mailing label has been filed in the Snake River Basin Adjudication (SRBA). The Notice(s) indicate your water usage is based on "Beneficial Use" or a "Statutory Claim". Water rights of this type are established by the historical use of water, dating back to when water was first used for the purpose claimed. The date of first use, known as the priority date, has not been confirmed by a License, Decree or Permit. The Department will soon conduct reviews &/or field exams for the claims in your area. Since the priority date of a beneficial use water right can not be confirmed by field examination, proof must be provided supporting the priority date you have claimed.

The Department will not recommend the Notice(s) be decreed by the court as claimed if no evidence of a priority date is submitted.

Please find enclosed a computer printout of your Notice(s) and the pamphlet entitled "Evidence of Priority". The pamphlet describes the types of evidence required and suggests which documents will fulfill this requirement. I direct your attention to the two sections entitled "What Kind of Evidence is Required" and "Some Examples of Documents Which May Be Evidence of the Priority Date".

Please submit the required evidence supporting the priority date(s) by May 1, 1992, referencing all documents with the corresponding Notice number(s). If you have any questions not covered by this letter or the enclosed pamphlet, please contact this office.

Respectfully submitted,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosures

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MAR 18 1993

RECEIVED

APR 22 1992

Department of Water Resources
Southern Region Office

Affidavit

This affidavit is for the adjudication claim for water right number A72-04133 for the property currently owned by Ralph W. Hutchison of HC 61, Box 3039, Challis, Idaho 83226. This property is in Township 15 N, Range 19 E, in sections 25+26 in Custer County.

I, Ralph W. Hutchison swear that the land described above has been irrigated since my parents and I first bought and moved to the property in 1926 when I was 18 years old. The ditches were in place at this time and evidence suggested that irrigation had taken place for quite some time before this.

In fact, as you can see from the photocopy of a page from my abstract of title which I have included; Clarence E. Fuller, who homesteaded the place, filed on 1000 miners inches of water for irrigation and culinary purposes on April 15, 1886.

It was also told to me by Billy Stevens, a neighbor now deceased, that Clarence E. Fuller first cultivated and irrigated this land in the 1880's.

INDIVIDUAL

MICROFILMED

MAR 18 1993

STATE OF IDAHO)

COUNTY OF Custer)

ss.

On this 21st day of April, in the year 1992, before me a Notary Public in and for said State, personally appeared RALPH W. HUTCHISON, known or identified to me to be the person whose name is/are subscribed to the within instrument and acknowledged to me that he executed the same.

WITNESS my hand and official seal.

Clinton R. Squire
Notary Public for Idaho
Residing at Challis, Idaho

APR 22 1992

Department of Water Resources
Southern Region OfficeAffidavit

This affidavit is for the adjudication claim for water right number A72-04133 for the property currently owned by Ralph W. Hutchison of HC 61, Box 3039; Challis, Idaho 83226. This property is in Township 15 N, Range 19 E, in Sections 25+26 in Custer County.

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In fact, as you can see from the photocopy of a page from my abstract of title which I have included; Clarence E. Fuller, who homesteaded the place, filed on 1000 miners inches of water for irrigation and culinary purposes on April 15, 1886.

It was also told to me by Billy Stevens, a neighbor now deceased, that Clarence E. Fuller first cultivated and irrigated this land in the 1880's. Mr. Stevens family had also moved to this area in the 1880's.

From this evidence I would like to claim April 15, 1886 as my priority date.

Ralph W. Hutchison

Dated April 21 1992

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MAR 18 1993

N O T I C E

NOTICE IS HEREBY GIVEN, That I, the undersigned citizen of the United States, claim 1000 miners inches of water to be taken out of Salmon River at a point about 300 yards below McNabs Grade on the East Side of Salmon River, and to be conveyed from thence by a ditch to C. E. Fuller's Ranch on the East Side of said Salmon River, and about 1/2 mile below the diversion of said water, to be used for irrigating agricultural and culinary purposes. Said water Right & Ranch is situated on the East Side of Salmon River and about 8 miles below the Town of Challis in Custer County, Idaho Territory.

Dated this 15th day of April, 1886.

C. E. Fuller

Recorded at the request of C. E. Fuller April 15th, 1886, at 12 o'clock M. in Book A. of Water Claims, page 130.

E. C. Whitsett

County Recorder

(Recorded in Book A. of Water Claims at Page 130)

MICROFILMED

MAR 18 1993

This Affidavit is for the Adjudication Claim for water right number A 72-04133 for the property currently owned by Ralph W. Hutchison of HC 61, Box 3039, Challis, Idaho 83226. This property is in Township 15 N, Range 19 E, in Sections 25 & 26 in Custer County.

To the best of my knowledge, the above described property was being irrigated in 1924. I was born on the property adjacent to this place to the south and was raised in the area. I was born July 31, 1908.

Elmer Stephens

Dated April 21, 1992

INDIVIDUAL

MICROFILMED

MAR 18 1993

STATE OF IDAHO)
COUNTY OF Custer) ss.

On this 21st day of April, in the year 1992, before me a Notary Public in and for said State, personally appeared ELMER STEPHENS, known or identified to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

WITNESS my hand and official seal.

Clayton R. Sevens
Notary Public for Idaho
Residing at Challis, Idaho
My commission expires: 3-16-1997

MICROFILMED

MAR 18 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

SOUTHERN REGION

March 24, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

RALPH W HUTCHISON
HC 61 BOX 3039
CHALLIS ID 83226

RE: Notice of Error/Objection for SRBA claim 72-04133

Dear Mr. Hutchison,

This letter is in response to the Notice(s) of Error (NOE) you recently filed with IDWR and the Director's recommendation of the claim(s) listed above. Your NOE has been reviewed by IDWR, but, due to the limited response time, I was unable to coordinate a resolution of your concerns before the Director's Report was filed with the SRBA court.

If you still disagree with IDWR's recommendations, you should file an Objection to the Director's Report with the court. This Objection form is enclosed for your use. IDWR will work with you to resolve these disputed issues, including efforts to obtain additional data or information.

Please feel free to contact me at our office if you need further information.

Sincerely,

STEVE CLELLAND
Sr. Water Resource Agent

ENC:

November 20, 1998

**NOTICE OF ERROR
REPLY**

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

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

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

Water right number: 72-04133

RALPH W HUTCHISON
HC 61 BOX 3039
CHALLIS ID 83226

Daytime Telephone Number:

Evening Telephone Number:

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

1) Priority Date
2) Acres

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

1) Date: 4/15/1886 on Notice rec'd 4/15/86 & Supported by Mortgage rec'd 1890, land notice made 1903, Patent 1925
2) Add strip heading off NE as it is specifically delivered water to keep pasture green.

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

1) See above.

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

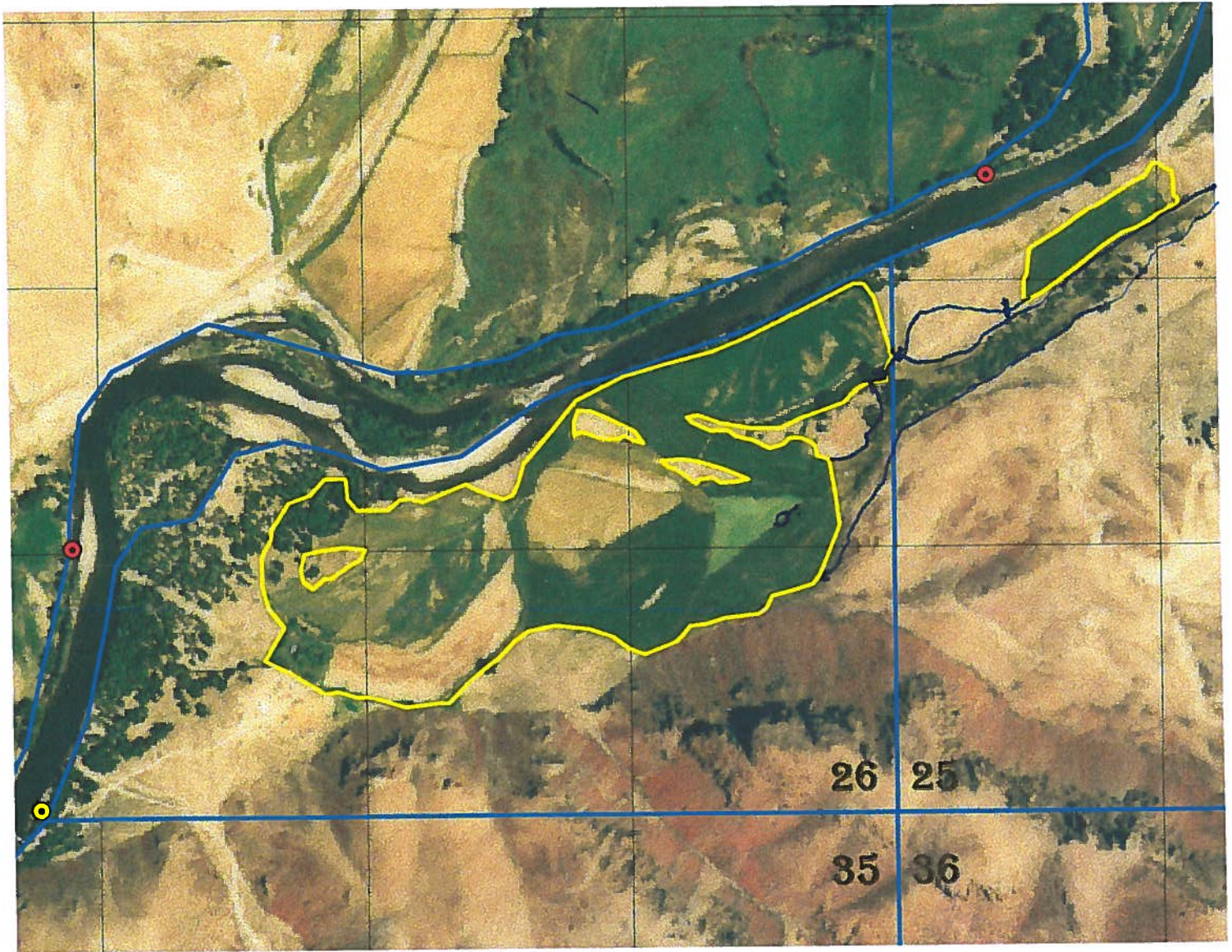
DATE: 12-9-98 SIGNATURE: Lyle R. Hutchison
Please print your name: Lyle R Hutchison

IDWR Southern Regional Office, 1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380, (208) 736-3033

Refer question to N2K w/ regard to Notice, Patent, etc.

IDAHO DEPARTMENT OF WATER RESOURCES

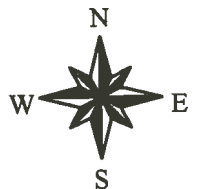
72-04133



660 0 660 1320 Feet

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

TWN: 15N
RNG: 19E
SEC: 25 & 26



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

DATE: NOV. 4, 1998

AJ0749NP
No. R72-04133

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT
(REGIONAL)

DATE: 11/13/98
PAGE: 1

VERIFIED BY *sw*

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	RALPH W HUTCHISON HC 61 BOX 3039 CHALLIS ID 83226 (208) 879-2748	04/15/1924	IRRIGATION	04-15 10-31	7.19 CFS	
TOTAL DIVERSION:					7.19 CFS	

Water Source: SALMON RIVER

Tributary to: SNAKE RIVER

Stage: BENEFICIAL USE

Point(s) of Diversion:

T15N R19E S26 Lot07(SESMSW)

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	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac						
15N 19E 25	:	:	05-03 06-.4	:	:	.3	:	07-06	:	06-25 05-13	17	07	:	4.0
15N 19E 26	:	:	:	:	:	:	:	:	:	:	:	:	:	72.0
TOTAL ACRES														76.0

POU County: CUSTER

Other Rights: NONE

Remarks: EXP WATER IS DELIVERED THROUGH HUTCHISON DITCH.
0.35 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.

Dates: Exam Made Date: 06/30/1993 Verified Date: 11/13/1998 Objection Filed Date:

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

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

A72-04133

DATE: 11/13, 1998

REVIEWED BY sa

CHALLIS AREA SOIL REVIEW

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
ATC	.15	.13			6.49	7.62
BB1	.09	.09			6.09	6.17
BC1	.16	.17			5.82	5.46
BK1	.07	.06			10.62	11.86
BT1	.18	.16			3.99	4.19
BT2	.41	.32			2.34	2.87
CB1	.06	.06			11.55	13.47
CHA	.21	.21			4.52	4.76
CP1	.36	.36			2.61	2.78
DB1	.13	.11			5.66	6.65
DBB	.13	.11			5.71	6.69
DBC	.13	.11			5.71	6.69
DMF	.18	.21			5.12	4.72
DRF	.18	.19			9.08	9.68
DT2	.05	.04			12.46	16.50
DWA	.14	.14			4.79	5.01
G01	.10	.12			12.47	10.51
KEG	.08	.07			8.73	10.06
MBF	.15	.12			7.65	5.81
MUG	.15	.14			4.54	4.98
NDL	.13	.12			5.30	6.06
PD2	.11	.12			5.15	4.74
Q	.26	.21			13.2	10.4
RE2	.29	.21			3.15	4.74
RP1	.19	.21			4.89	4.57
SH1	.06	.05			9.37	12.10
SOC	.08	.07			7.38	8.08
SSA	.15	.14			4.79	5.01
SXF	.12	.11			6.14	6.80
TC1	.06	.06			9.82	9.55
TD1	.04	.03			12.46	16.50
WB2	.13	.13			5.37	5.43
WAA	.19	.16			3.81	4.23
WBB	.17	.14			3.36	3.84
WC1	.07	.06			11.24	13.45
WPT	.19	.15			3.16	3.69
WV1	.07	.06			11.24	13.45
XHS						
YN1	.18	.14			5.38	6.92

The rate per acre calculations are based upon a 300 foot run at a 2% slope. An 8 hour set time was also used. Individual graded border evaluations, soil characteristics work sheets, and peak irrigation diversion requirement work sheets have been created and archived separately for each soil type.

Where actual rotation is shorter than the optimal rotation, optimal rotation is the criteria to be used for the recommendation analysis and, therefore, the rotation percentage adjustment is not necessary. The rate becomes the acres per soil type times the rate per acre from the above chart.

SOIL TYPE	OPTIMAL ROTATION / (chart)	ACTUAL ROTATION / (field)	ACRES PER SOIL TYPE (field)	RATE PER ACRE (chart)	TOTAL DIVERSION RATE
BB1	/	/	* 76	* .09	= 6.84 CFS
	/	/	*	*	= CFS
	/	/	*	*	= CFS
	/	/	*	*	= CFS

TOTAL ACRES 76

DECREED RATE = —

CLAIMED DIVERSION RATE = 12.0

MEASURED DIVERSION RATE = 8.13

C. Loss

+ 0.35

7.19

AIM NUMBER

A72-04133

DATE

11/4/98

AGENT

SA

TRANSFER NUMBER

CLAIMED ACRE TOTAL

222

GIS ACRE TOTAL

76.0

	TWP	RNG	SEC	NE				NW				SW				SE				
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
LAIM	15N	19E	25		20			20		15	20	7	15							97
GIS					0			0		3.3	0.4	0	0.3							4.0
ECOM										3.3	0.4		0.3							4.0
LAIM			26									25			20	35	20	15	10	125
GIS												2.9			6.4	25	13	17	7.7	72.0
ECOM												2.9			6.4	25	13	17	7.7	72.0
LAIM																				
GIS																				
ECOM																				

372-DBPOU.SHP

*Reid acres = 76.0 acres

SHAPE NOS.

445 west.

446 east.

372-DBPOD.SHP

NOS. DESCRIPTION

291

DBF TABLES UPDATED

B72-DBPOU.DBF

B72-DBPOD.DBF

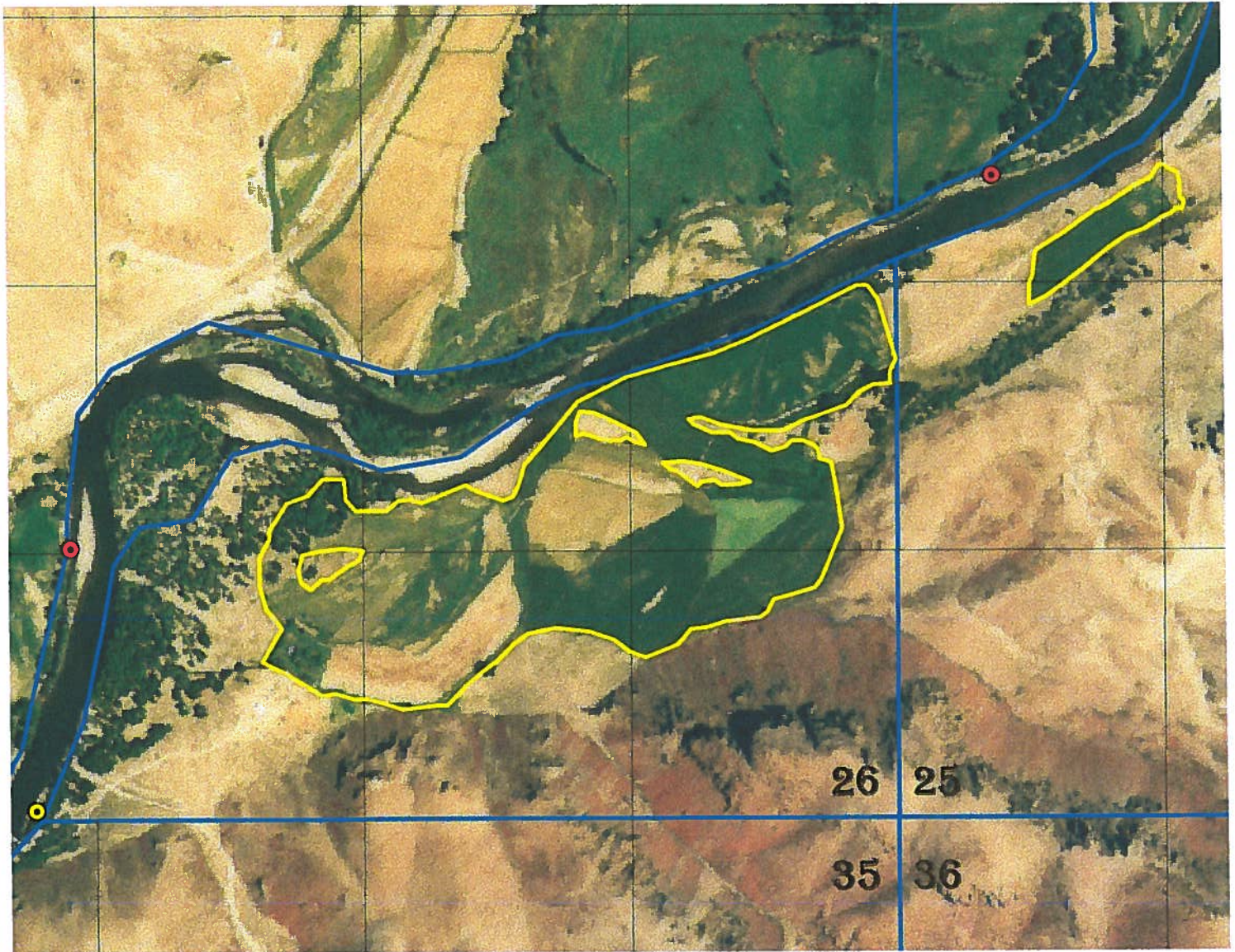
JPEG LAYOUT

11/11/98
SA

72-04133.jpg

IDAHO DEPARTMENT OF WATER RESOURCES

72-04133



660 0 660 1320 Feet

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

TWN: 15N
RNG: 19E
SEC: 25 & 26



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

DATE: NOV. 4, 1998

R PROOF

CVR

MAPS

PHOTOS

MISC

AJ0749NP
No. R72-04133

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT
(REGIONAL)

DATE: 05/17/94
PAGE: 1

VERIFIED BY *aw*

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	RALPH W HUTCHISON HC 61 BOX 3039 CHALLIS ID 83226 (208) 879-2748	04/15/1924	IRRIGATION	04-15 10-15	6.45 CFS	222.50 AFA
TOTAL DIVERSION: CONSUMPTIVE USE:					6.45 CFS	222.50 AFA

Water Source: SALMON RIVER Tributary to: SNAKE RIVER Stage: BENEFICIAL USE

Point(s) of Diversion: T15N R19E S26 Lot07(SESMSH) CUSTER County

Place of use Legal Description for: IRRIGATION

	NE	NW	SW	SE	
T R S	NE NE	NE NW	NE SW	NE SE	SUM
15N 19E 25	: 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	: 8.0
15N 19E 26	: :	: 05-07 06-01	: 07-02	: 07-06 06-32 05-13	: 17 11
TOTAL ACRES					89.0

POU County: CUSTER

Other Rights: NONE

Remarks: WATER IS DELIVERED THROUGH HUTCHISON DITCH.
0.35 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.

Dates: Exam Made Date: 06/30/1993 Verified Date: 05/17/1994

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

Comments: Date: 05/17/1994 User-ID: CLELLAND Subject: RECOMMENDATION
A DIVERSION RATE OF 0.0685 CFS PER ACRE IS REQUIRED AT THE FIELD
HEADGATE DIVERSION AS PER HUBBLE ANALYSIS REVIEW. CONVEYANCE
LOSSES FOR THE DITCH ARE ALL CONTAINED WITHIN THIS RIGHT'S FLOW.

Audit: 05/17/94 CLELLAND

MICROFILMED
MAY 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

07:13:10
06/04/92

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A72-04133

LAST: HUTCHISON
ADDRESS: HC 61 BOX 3039
CITY: CHALLIS
PHONE NUMBER: 208-879-2748

FIRST: RALPH W.
STATE: ID ZIP: 83226

OWNER CODE: C

FIELD EXAM REQUIRED?

FIELD
EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

REMARKS IN CLAIM

DATABASE
N

LYLE

(NOT THURS)

6/25
appto mes. RH.
left message to
call back

8:30 am WED.
Hutchison

FIELD EXAMINATION INFORMATION

CONTACT PERSON: **Lyle Hutchison**

DATE OF FIELD EXAM: **6/30/93**

ACCOMPANIED BY:

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / REMARKS:

PHONE NUMBER: () - - - -

TIME: : : A () P ()

PHONE NUMBER: () - - - -

Met w/ Lyle and he accompanied me at the measurement of the ditch. He also rode around with me and explained the ditch & fields of his ranch irrigation system. (see also field notes by sec) Water is diverted from the Salmon River, just below the bridge to access his homestead, and comes via a large headgate to the 6-7" wide ditch system. The main ditch delivers water to the pond where gravity flood system is used to irrigate the acres found in this document.

MICROFILMED

ser
5-17-94

NOV 01 1994

A. AJ CLAIM: # A72-04133

PRIORITY DATE: 04-01-1886

STAGE: 5

B. WR RECORD: # 72-04133

PRIORITY DATE: 04-01-1886

STAGE: 5

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE N
FIELD EXAMINER

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

REMARKS:

affidavit submitted

Mr. Hutcheon's report 1926 at age 18 yrs old

→ Mr. Elmer Stephens' reports 1924 when he was 16 yrs old.

*The Notice supplied from Bate A. p. 130 "to be" division.
merely "claims" water for use & "to be" division.
not support of this claim.*

RECOMMENDED PRIORITY DATE:

~~04-01-1886~~

4-15-1924

REVIEWED BY

Sen

DATE

5-18-93

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-04133	15N	19E	35	NE	NW	NW		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
NONE NONE

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
12-04133	15N	19E	35		NW	NW		CUSTER

OTHER WR RECORDS WITH SAME WR POD
AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

NONE

NONE

NONE

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY? (Y/N)
DUE TO SOURCE DISCREPANCY? (Y/N)

DATABASE
Y
N

FIELD
EXAMINER
Y
N

REMARKS:

Confirmed POD by Edward OPO T75 dated 1954 + 9000 lot map.
Legal POD is listed at the Headgate Control Structure and dam was
a rock wing dam in the river bed as is common practice for this area.
to divert flow from the Salmon River.

See
517-94

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:		1/4		1/4	LOT	COUNTY	
TWP.	RGE.	SEC.					
15N	19E	26	SE	SW	SW	7	Custer
SOURCE: SALMON RIVER		TRIB: SNAKE RIVER					
REVIEWED BY: <u>SW</u>		DATE: 5-17-94					

Via Hutchinson Ditch

A. FOOT WATER RIGHT NUMBERS:

A72-04133
A72-00007B

B. POL LISTING

pol claimed by Hutchison is all the land he owns in the river bottom land. Not all irrigated

TWP	RNG	SEC	1/4	1/4	LOT	NAME	#/ACRES	#/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
15N	19E	25	NW	NE	(6)	HUTCHISON, KALPH W.	A72-04133	720.0	72-04133	720.0	no system from river. ☒
15N	19E	25	NE	NW		HUTCHISON, KALPH W.	A72-04133	720.0	72-04133	720.0	☒
15N	19E	25	SW	NW	(5)	HUTCHISON, KALPH W.	A72-04133	715.0	72-04133	715.0	☒
			SW	NW	4	THORNOCK, NYLE	A72-04032	71.0	72-04032	71.0	☒
			SW	NW	4	THORNOCK, NYLE	A72-04034	7.0	72-04034	7.0	☒
15N	19E	25	SE	NW	(6)	HUTCHISON, KALPH W.	A72-04133	720.0	72-04133	720.0	1.0 ☒
15N	19E	25	NE	SW		HUTCHISON, KALPH W.	A72-04133	77.0	72-04133	77.0	1.0 ☒
15N	19E	25	NW	SW		HUTCHISON, KALPH W.	A72-04133	715.0	72-04133	715.0	no irrigation ☒
15N	19E	26	NE	SW	(7)	HUTCHISON, KALPH W.	A72-04133	725.0	72-04133	725.0	cut area / drain ☒
			NE	SW	3	DUNFEE FAMILY TRUST	A72-00152	73.0	72-00152	73.0	Trees & cut area ☒
			NE	SW	3	DUNFEE FAMILY TRUST	A72-00151	7.0	72-00151	7.0	under high water ☒
15N	19E	26	SE	SW	(7)	HUTCHISON, KALPH W.	A72-04133	720.0	72-04133	720.0	6.0 ☒
			SE	SW		HUTCHISON, KALPH W.	A72-10080	72.0	72-04133	72.0	6.0 ☒
15N	19E	26	NE	SE	(6)	HUTCHISON, KALPH W.	A72-04133	735.0	72-04133	735.0	32.0 ☒
			NE	SE	1	BLUME, JULIUS	72-00151	72.0	72-00151	72.0	32.0 ☒
			NE	SE	1	BLUME, JULIUS	72-00152	7.0	72-00152	7.0	32.0 ☒
15N	19E	26	NW	SE	(5)	HUTCHISON, KALPH W.	A72-04133	720.0	72-04133	720.0	13.0 ☒
			NW	SE	1	DUNFEE FAMILY TRUST	A72-00151	74.0	72-00151	74.0	13.0 ☒
			NW	SE	2	DUNFEE FAMILY TRUST	A72-04025	75.0	72-04025	75.0	13.0 ☒
			NW	SE	2	DUNFEE FAMILY TRUST	A72-07055	73.0	72-07055	73.0	13.0 ☒
			NW	SE	1	DUNFEE FAMILY TRUST	A72-00152	7.0	72-00152	7.0	13.0 ☒
			NW	SE	2	NELSON, RUD	72-04026	73.0	72-04026	73.0	13.0 ☒
15N	19E	26	SW	SE		HUTCHISON, KALPH W.	A72-04133	715.0	72-04133	715.0	17.0 ☒
15N	19E	26	SE	SE		HUTCHISON, KALPH W.	A72-04133	710.0	72-04133	710.0	17.0 ☒
			SE	SE		SOKISTO, WILLIAM D.	A72-10211	7.0	72-04133	7.0	11.0 ☒
TOTAL ACRES							A72-04133	222.00	222.00	40.00	89 ☒
											89.0 ☒

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

C. FIELD EXAM REQUIRED? ☐ YES ☒ NO
DUE TO POB DISCREPANCY? (Y/N) ☐ Y ☒ N
DATABASE ☒ Y ☐ N
FIELD EXAMINER ☒ Y ☐ N
POB COUNTY: CUSTER

REMARKS:

*Confirmed irrigation of the 89 acres shown above by Egan, OGA map T75.
ASCS map #CVA 255112 c.1978; BLM Aerial #7-10046 dated 7-16-88, joint lot map;
and HAPB Side Map #243-34 dated 9-2-84.*

RECOMMENDATIONS:

TOTAL ACRES: 89.0
REVIEWED BY: SC DATE: 5-17-94

** per Kyle Hutchinson: 6-30-93*

*14 day notation
3-6-12 He Set
crop: alfalfa & pasture*

200' mms ave.

A. AJ CLAIMED USES:

PURPOSES
A72-04133 IRRIGATION

FROM 04-01 TO 11-01

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
12.000 CFS
12.000 CFS

B. WR RECORDED USES:

PURPOSES
72-04133 IRRIGATION

FROM 04-01 TO 11-01

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
12.000 CFS
12.000 CFS

C. 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)

DATABASE EXAMINER
N
N
N

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

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

Explain in remarks, below.

REMARKS:

DIR old man

See 5-17-94

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 12.000 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 12.000 CFS

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

FLOW MEASUREMENT REQUIRED?

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

DATABASE EXAMINER
Y yes

FLOW MEASUREMENT

MEASUREMENT METHOD

Dunant Meter

, SEE ATTACHED CALCULATIONS.

Q = 8.13 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 FOU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-04133	SALMON RIVER	HUTCHISON, RALPH W.	12.000	0.054		
A72-00151	MORGAN CREEK	DUNEE FAMILY TRUST	1.800	0.019		
A72-00152	MORGAN CREEK	DUNEE FAMILY TRUST	0.450	0.004		
A72-04025	SALMON RIVER	DUNEE FAMILY TRUST	3.950	0.040		
A72-04032	SALMON RIVER	THORNOK, NYLE	1.240	0.040		
A72-04034	SALMON RIVER	THORNOK, NYLE	2.000	0.040		
A72-07055	SALMON RIVER	DUNEE FAMILY TRUST	0.760	0.020		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A72-10080	DOMESTIC STOCKWATER	HUTCHISON, RALPH W.	FROM 01-01 TO 12-31	0.040 CFS	
A72-10080		HUTCHISON, RALPH W.	FROM 11-01 TO 05-01	0.020 CFS	

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
	FROM	TO			
IRRIGATION	04-01	15-15	12.000	6.45	55.0
TOTAL FOR THIS RIGHT			12.000	N/A	222.5

REVIEWED BY: SW DATE: 5-17-94

$D02 = 0.35$
 $D01 = \text{Hudson Ditch}$

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11.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES 89 $\times$ 0.02 CFS/ACRE = 1.78 CFS
(Taken from p/u review)

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y(☒) N(☐)

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 555.0 AE/A

ACRES 89 $\times$ CONSUMPTIVE VOL. AE/A FOR AREA 2.5 =

TOTAL CONSUMPTIVE USE 222.5 AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES 89 $\times$ 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(☐)

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

Conveyance losses
allow the full ditch flow to
this right due to earliest priority;
none given to Fish Screen Rt.
= 0.35 cfs

Total Ditch Review:

R. Hudson 6.45 cfs

S23A Fish Screen .80 cfs

7.25 cfs

Compare w/ measured @ 8.13 cfs

See 5/17/94

6.45 cfs

Hubble Analysis:
(B61 soils)

$$\frac{89 \text{ Ac} \times 43560}{200' \text{ width}} = \text{width}$$

$$= 19400$$

$$\text{allow } 0.0685 \text{ cfs/Ac} \times 89 = 6.10 \text{ cfs}$$

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FOREFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

ACCEPTED
AS CLAIMED
()
()
()
()
()
()

NEEDS
REVIEW
()
()
()
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-04133

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
2.440

EXAMINER

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A72-04133	12.000	-	-	72-04133	12.000
A72-00007	A72-00007B	0.380	-	-	72-00007	2.180
A72-04137	A72-00007B	0.380	-	-	72-04137	0.260

TOTAL CFS 12.760

2.440

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:

N/A

AUTHENTICATION:

SIGNATURE:

[Signature]

DATE:

5-17-94

NAME OF FIELD EXAMINER:

TITLE:

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NOV 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

CLAIM NUMBER: A72-04133

07:13:10
06/04/92

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	<i>affidavit filed.</i>	6-30-93 <i>See</i>	(Y)	12 456	<i>See</i> 5-17-94	<i>See</i> 5-17-94	<i>See</i> 5-17-94
SOURCE				(Y)	12 456			
PLACE OF USE	Y			(Y)	12 456			
DIV. AMOUNT CES/VOLUME				(Y)	6. (HA)			
CONSUMPTIVE USE	-			(Y)	6.			
PURPOSES				(Y)	6.			
PERIOD OF USE				(Y)	6. Stb			
BASIS OF CLAIM	Y			(Y)	6.			
REMARKS								

VERIFIED BY CODES

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

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

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NOV 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

08:02:16
06/04/92

CLAIM NUMBER: A72-04133

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	RALPH W. HUTCHISON HC 61 BOX 3039 CHALLIS ID 83226 (208) 879-2748	04/21/1986 15 1924	IRRIGATION	04-15 10-15	12.00 CFS 12.00 CFS	222.5 55.6 AFA

Water Source: SALMON RIVER

Point(s) of Diversion: T15N R19E S26

Tributary to: SNAKE RIVER
SE SWSW Lt 7

STATION: 5
CUSTER County

Place of use Legal Description for: IRRIGATION											
NE			NW			SW			SE		
T	R	S	T	R	S	T	R	S	T	R	S
15N	19E	25	15N	19E	25	15N	19E	25	15N	19E	25
15N	19E	26	15N	19E	26	15N	19E	26	15N	19E	26
Lt Ac			Lt Ac			Lt Ac			Lt Ac		
SUM			SUM			SUM			SUM		
27.0			27.0			27.0			27.0		
125.0			125.0			125.0			125.0		
222.0			222.0			222.0			222.0		

POU County: CUSTER

Non-Irrigation Uses: ~~INCIDENTAL STOCKWATERING FOR 35 COWS, 30 YEARLINGS~~

Other Rights: NONE

Non-Irrigation Use: ~~INCIDENTAL STOCKWATERING FOR 35 COWS, 30 YEARLINGS~~

Dates: Exam Made Date: 6-30-93 Verified Date: 01/28/1986

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

Remarks:
F01 = Hatched. Ditch
D02 = 135

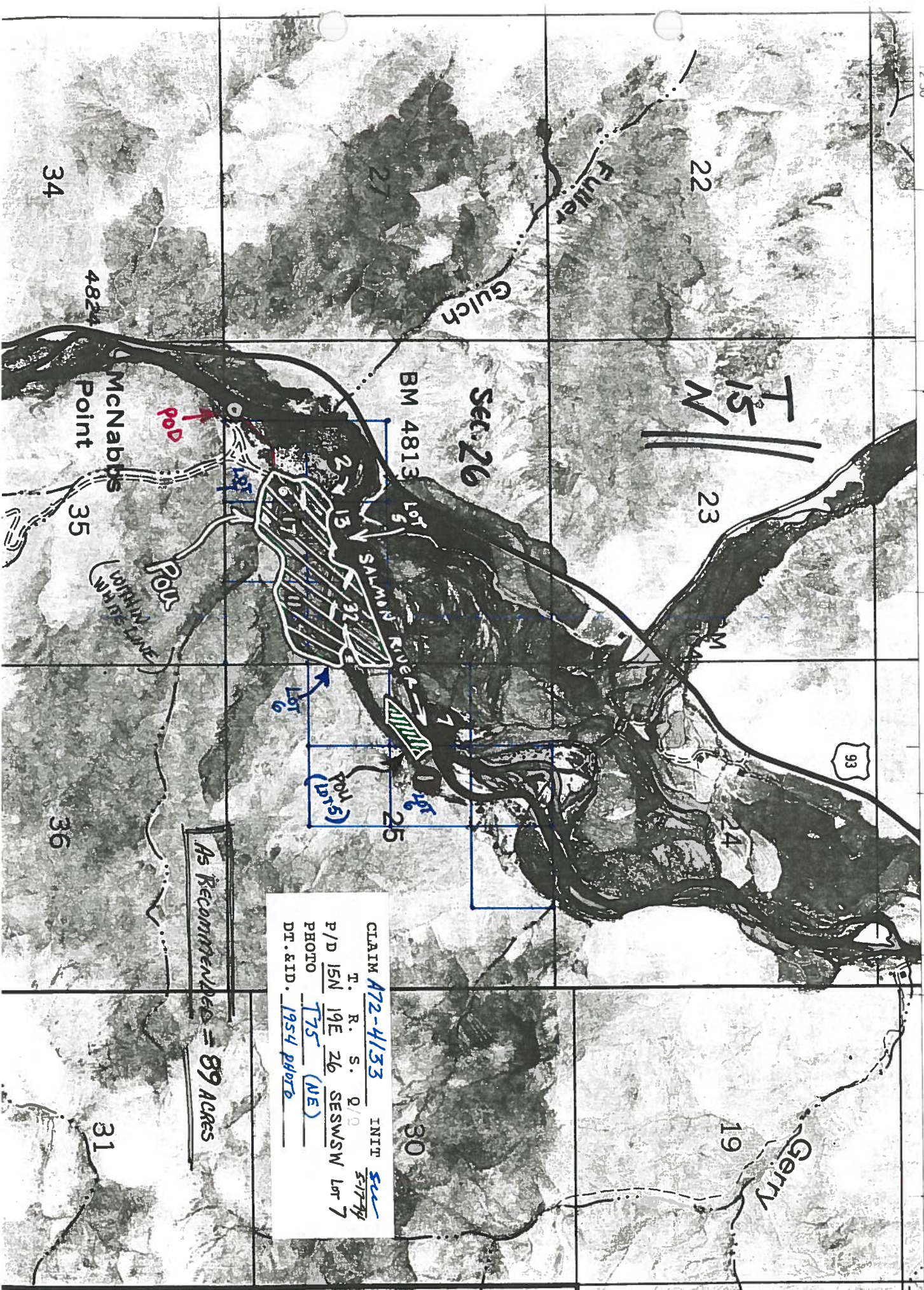
52
5-17-94

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TRANSIGIO POOL

R19E R20E

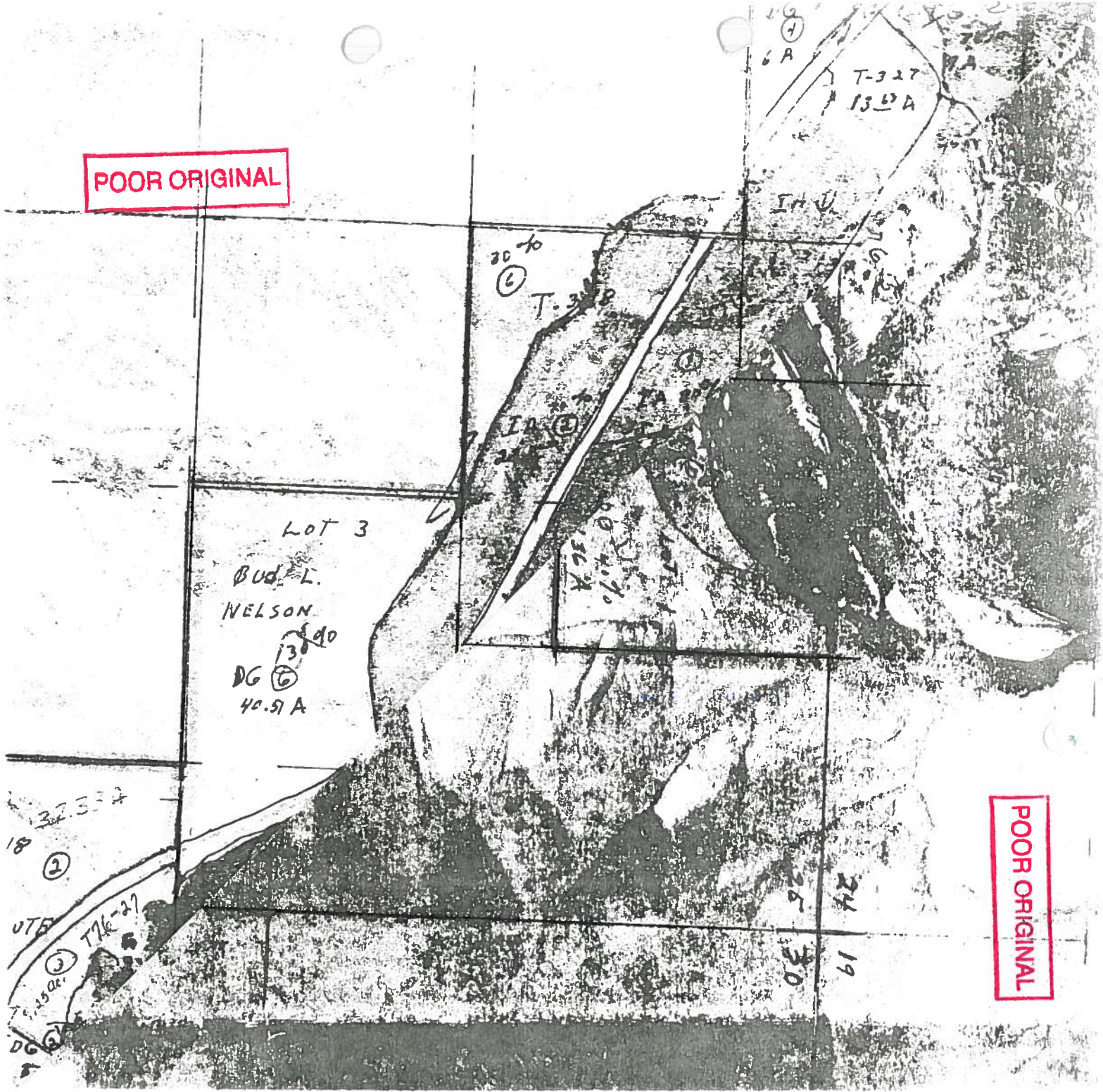
CHALLIS SW QU
IDAHO-CUS
7.5 MINUTE



As Recommended = 89 Acres

CLAIM	<u>A72-4133</u>				INIT	<u>SW</u>	
T.	<u>19</u>	R.	<u>26</u>	S.	<u>0</u>	Q.	<u>0</u>
P/D	<u>15N</u>	<u>19E</u>	<u>26</u>	SESWSW			Lot 7
PHOTO	<u>T75 (NE)</u>						
DT. & ID.	<u>1954 PHOTO</u>						

POOR ORIGINAL



POOR ORIGINAL

FOUR ORIGINAL

North

Pod
Ditch

IRRIGATED
Pod

CLAIM A72-4133 INIT
T. R. S. Q/Q
P/D 8M Actual 47-10D-6
PHOTO 775 (NE)
DT. & ID. 7-10-88

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Nov 01 1994

CHAE

MBF

B61

B61A

XHS

SSA

Q

RPO

BAF

DNE

35

25

Pou

MICROFILMED
NOV 01 1994

POOR ORIGINAL

SOILS MAP

CLAIM A72-4/33 INIT Scw
T. R. S. Q/Q
P/D
PHOTO APP Soils Map 243-34
DT. & ID. 9-2-84

MICROFILMED
NOV 01 1994

POOR ORIGINAL

CLAIM A72-4/33 INIT Sec 5-17-94
P/D PHOTO APP Soils Map 243-34
DT.LID. 9-2-84

MICROFILMED
NOV 8 1 1994

POOR ORIGINAL

CHAE

MBF

B61

B61/4

XHS

SSA

Q

RPO

BAF

DNE

B61

35

25

Pou

SALMON RIVER

MICROFILMED
NOV 8 1994

POOR ORIGINAL

CLAIM A72-4/33 INIT Scw
T. R. S. Q/Q 5-17-94
P/D PHOTO APP Soils MAP 243-34
DT. LID. 9-2-84

CHAE

MBF

B61

B61A

XHS

SSA

Q

RPO

BAF

DNE

Salmon River

Pou

35

25

MICROFILMED
NOV 01 1994

POOR ORIGINAL

[illegible]

SOILS MAP

CLAIM A72-4/33 INIT Scw
T. R. S. Q/Q
P/D
PHOTO APP Soils Map 243-34
DT. & ID. 9-2-84

MICROFILMED
NOV 8 1994

POOR ORIGINAL

CHAE

MBF

B6F

XHS

SSA

CB1

BB1

B61

RPI

BAE

DNE

35

RPO

30

CLAIM A72-4/33 INIT 5c
T. R. S. Q/Q
P/D PHOTO APP Soils MAP 243-34
DT. & ID. 9-2-84

MICROFILMED
NOV 8 1994

POOR ORIGINAL

SOILS MAP

CLAIM A72-4/33 INIT Scw
T. R. S. Q/Q
P/D PHOTO APP Soils Map 243-34
DT. & ID. 9-2-84

MICROFILMED
NOV 8 1994

POOR ORIGINAL

CHAE

MBF

B61

B61A

XHS

SSA

Q

RPO

BAF

DNE

Salmon River

Pou

35

25

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NOV 8 1994

POOR ORIGINAL

As CLAIMED

POOR ORIGINAL

R19E R20E

CHALLIS SW Q1
IDAHO-CUST
7.5 MINUTE

12'30"

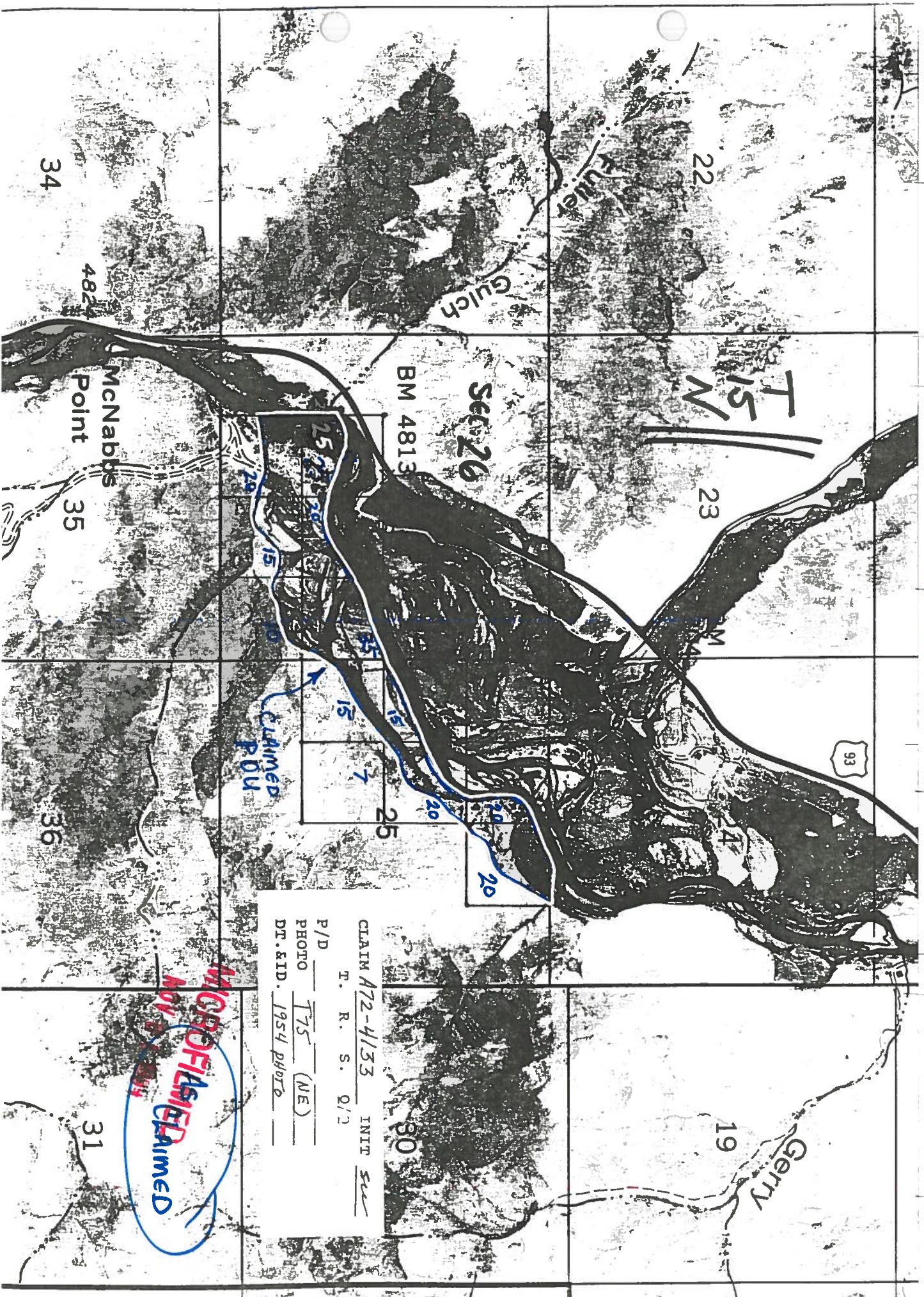
(CHALLIS NW)

222 Ac.

10'

R 19 E

16'00" E 1 E 1 R 20 E



Sec 26

BM 4813

CLAIMED POU

CLAIM A72-4133 INIT SW
T. R. S. Q. 2
P/D
PHOTO T75 (NE)
DT.FID. 1954 PHOTO

McNABBS CLAIMED

See 5-17-94

NOV 01 1994
A72-4133

See 5-17-94

GRADED BORDER EVALUATION

Job name: A72-04133 THEORETICAL Location: BB1 SOIL 89 AC ALF.
By: SCC ROTATION Date: May 17, 1994

Roughness coefficient (n)= 0.150 Intake family (If)=2.00
Slope (S)= 0.0100 ft/ft Border width (W)= 647 ft
Net application (Fn)= 2.33 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
6.00	Gross depth is less than required	gross application depth				
6.01	Gross depth is less than required	gross application depth				
6.02	Gross depth is less than required	gross application depth				
6.03	Gross depth is less than required	gross application depth				
6.04	Gross depth is less than required	gross application depth				
6.05	Gross depth is less than required	gross application depth				
6.06	Gross depth is less than required	gross application depth				
6.07	Gross depth is less than required	gross application depth				
6.08	Gross depth is less than required	gross application depth				
6.09	Gross depth is less than required	gross application depth				
6.10	0.009	16.29	13.96	0.00	14.3	

$$\frac{6.10 \text{ cfs}}{89 \text{ Ac}} = 0.0685 \text{ cfs/Ac.}$$

* allowed claim at this rate.

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CALC. #2

Based on theoretical day Rotation -
Claimant responded to a Question "How long to cover this entire pool and start over?" He also mentioned short runs (200') and short set times (3-6 hrs) which indicates some of this ground is covered in 10-14 days. Diversion Rate Measured Supports 10 day Rotation

ser
51794

SOIL CHARACTERISTICS

CLAIM NO. --- A72-04133
AGENT ----- SCC
DATE ----- 05/17/94

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

Soil Type = BB1; TOHOBIT...SILT LOAM FINE SANDY LOAM
Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	9	0.16	0.2	7.4	8.4	1	2	1	2.12	2	0.55
9	19	0.14	0.19	7.4	8.4			1	2.28		
19	49	0.01	0.03	7.4	8.4			3	3.61		
49	55	0.03	0.05	7.4	8.4			4	3.85	alternate	
55	60	0.08	0.14	7.4	8.4			5	4.66	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD
alfalfa (hay or seed)	5	0.5	2.33
corn (field or silage)	4	0.5	1.92
grain (winter or spring)	4	0.5	1.92
pasture (or grass hay)	3	0.5	1.80
other (enter below)			

FIELD NOTES AND CALCULATIONS

	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	19400			
IRRIGATION DAYS	10			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
RUN =	200			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	647			
THEORETICAL ROTATION (mad/net irr req in inches per				
SELECTED MAD =	2.33			
ROTATION =	9.5 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)							
				mar	apr	may	jun	jul	aug	sep	oct
PASTURE	0	FLOOD			1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA	89	FLOOD	14.3		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary	89		14		1.28	4.51	5.65	6.25	4.45	2.52	0.70
Peak Net Irrigation Requirement (mm/day) =					6.25						

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Based on Theoretical Rotation

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

GRADED BORDER EVALUATION

Job name: A72-04133

Location: BB1 SOIL 89 AC ALF

By: SCC

Date: May 17, 1994

Roughness coefficient (n)= 0.150

Intake family (If)=2.00

Slope (S)= 0.0100 ft/ft

Border width (W)= 462 ft

Net application (Fn)= 2.33 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
4.30	Gross depth is less than required gross application depth					
4.31	Gross depth is less than required gross application depth					
4.32	Gross depth is less than required gross application depth					
4.33	Gross depth is less than required gross application depth					
4.34	Gross depth is less than required gross application depth					
4.35	Gross depth is less than required gross application depth					
4.36	0.009	16.31	13.96	0.02	14.3	
4.37	0.009	16.34	13.96	0.05	14.3	
4.38	0.009	16.38	13.96	0.09	14.2	
4.39	0.010	16.42	13.96	0.13	14.2	
4.40	0.010	16.46	13.96	0.17	14.2	

$$\frac{4.36 \text{ cfs}}{89 \text{ Ac.}} = 0.049 \text{ cfs/Ac}$$

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CALC. #1

Based on a 14 day rotation as per Claimant
< see calc #2 sheet > = allowed rate.

SOIL CHARACTERISTICS

Soil Type = BB1; TOHOBIT...SILT LOAM FINE SANDY LOAM
Source of Soils Data = Printout From SCS State Office

CLAIM NO. --- A72-04133
AGENT ----- SCC
DATE ----- 05/17/94

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

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	9	0.16	0.2	7.4	8.4	1	2	1	2.12	2	0.55
9	19	0.14	0.19	7.4	8.4			1	2.28		
19	49	0.01	0.03	7.4	8.4			3	3.61		
49	55	0.03	0.05	7.4	8.4			4	3.85	alternate	
55	60	0.08	0.14	7.4	8.4			5	4.66	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD	FIELD NOTES AND CALCULATIONS			
				FIELD 1	FIELD 2	FIELD 3	FIELD 4
				FIELD WIDTH 19400			
				IRRIGATION DAYS 14			
				DRY DAYS 0			
				SET TIME(hours) 8			
				CALCULATED RUN (run = acres*43560/width)			
				RUN = 200			
				CALCULATED BORDER WIDTH (ditch length/irr days * cha			
				WIDTH = 462			
				THEORETICAL ROTATION (mad/net irr req in inches per			
				SELECTED MAD = 2.33			
				ROTATION = 9.5 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

crop	acres	system	recomm. eff.	mar	Net Irrigation Requirement (mm/day)					
					apr	may	jun	jul	aug	sep
PASTURE	0	FLOOD			1.47	3.84	4.87	5.86	4.56	3.23
ALFALFA	89	FLOOD	14.3		1.28	4.51	5.65	6.25	4.45	2.52

Summary	89		14		1.28	4.51	5.65	6.25	4.45	2.52	0.70
Peak Net Irrigation Requirement (mm/day) =					6.25						

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

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CONVEYANCE LOSS - WORSTELL

A72-4133

AGENT -----SCC
 DATE -----17-May-94
 CONVEYANCE OR
 SOURCE NAME -----SALMON RIVER; HUTCHISON DITCH
 RELATED CLAIMS -A72-04133, IDFG FISH SCREEN 5-23A

*Dist. Length from OPA 75
 + width from Current Meas.*

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	900	6.5	2.00	0.15	0.80	6.90	0.0214	0.02	7.24
2	1200	6.5	2.00	0.20	6.10	6.10	0.0323	0.33	6.30
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	2100			0.34	6.90			0.34	

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

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0.35

*full amount
 allowed under
 72-4133*

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

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MAY 01 1994

6-30-93

Hutchinson Field Notes

14 days (no dry days)

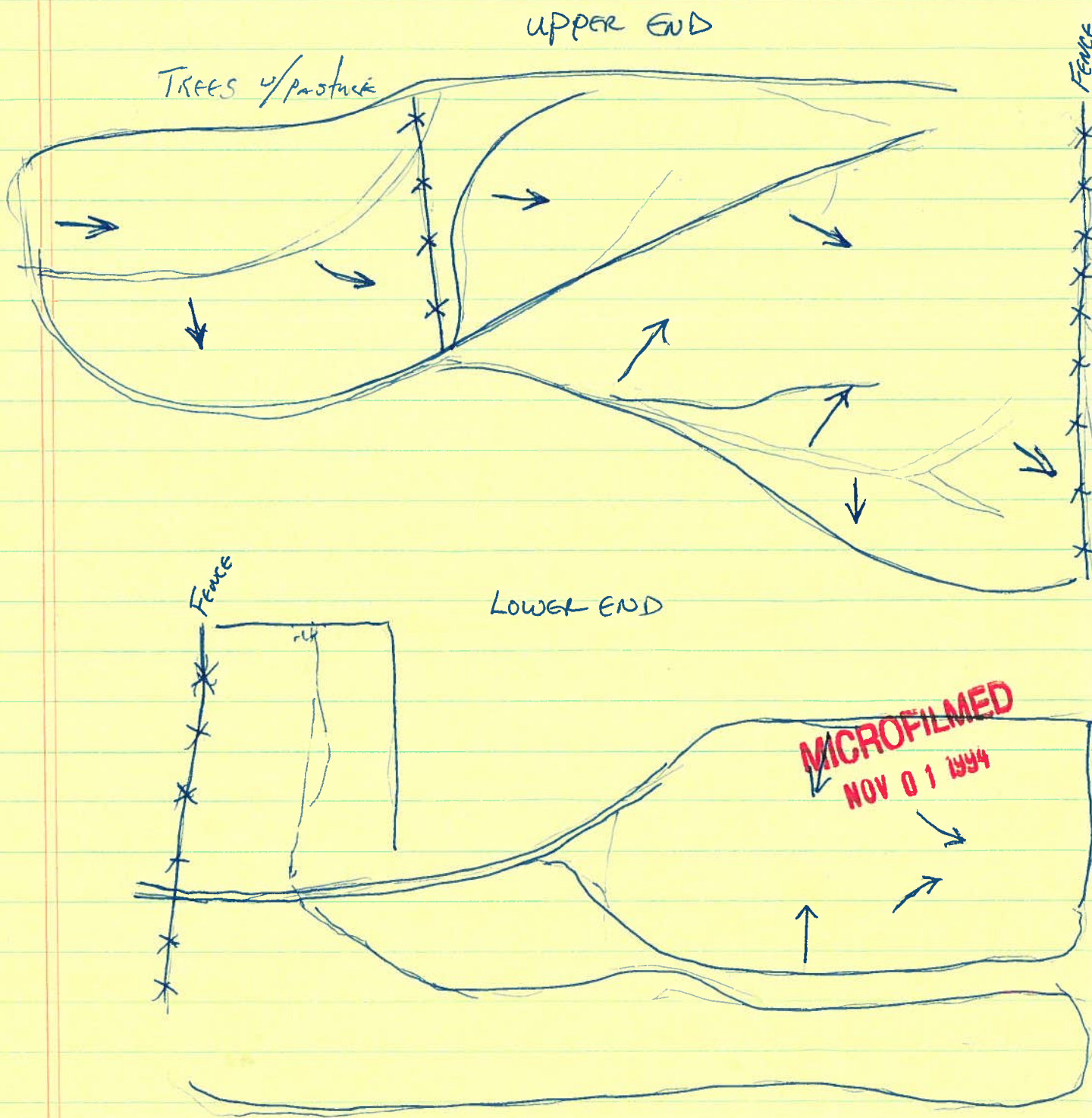
3-6-12 Hrs sets ✓

affalfa

200' run

by SSC
& Lyle Hutchinson
6-30-93

POOR ORIGINAL



NAME OF STREAM OR DITCH HUTCHISON DITCH; SALMON RIVER
 LOCATION ----- BELOW FISH SCREEN SZ2A
 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 & DATE --
 ACCOMPANIED BY -----
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -
 OK 2:30
 OK 3:20

472-4133

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
						MEASUREMENT TIME/SEC	2ND MEASUREMENT REVS	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
0.99		0.99	0.90	0.45	0	54.0			0.00	0.002	0.19	0.27	0.00	0.00
1.00		1.00	1.00		9	47.0			0.13	0.117	0.38	0.58	0.38	0.10
1.25		1.25	1.10		12	47.0			0.25	0.250	0.58	0.89	0.58	0.24
1.50		1.50	1.30		20	50.0			0.38	0.413	0.89	1.28	0.89	0.58
2.00		2.00	1.40		30	52.0			0.50	0.650	1.32	1.35	1.32	0.89
2.50		2.50	1.50		25	42.0			0.50	0.750	1.32	1.35	1.32	0.99
3.00		3.00	1.60		25	41.0			0.50	0.800	1.35	1.35	1.35	1.08
3.50		3.50	1.60		30	50.0			0.50	0.800	1.33	1.33	1.33	1.06
4.00		4.00	1.60		25	48.0			0.50	0.800	1.16	0.98	0.98	0.92
4.50		4.50	1.60		25	57.0			0.50	0.800	0.98	0.71	0.95	0.78
5.00		5.00	1.50		20	47.0			0.50	0.750	0.95	0.81	0.81	0.53
5.50		5.50	1.30		20	55.0			0.50	0.650	0.41	0.20	0.41	0.19
6.00		6.00	0.95		10	56.0			0.50	0.475				0.02
6.50		6.50		0.48					0.25	0.119				
7.00		7.00												
END														

8.10
8.13

*Calculated
 other flows based
 on 70% velocity 1
 previous station.*

10-20-93

See

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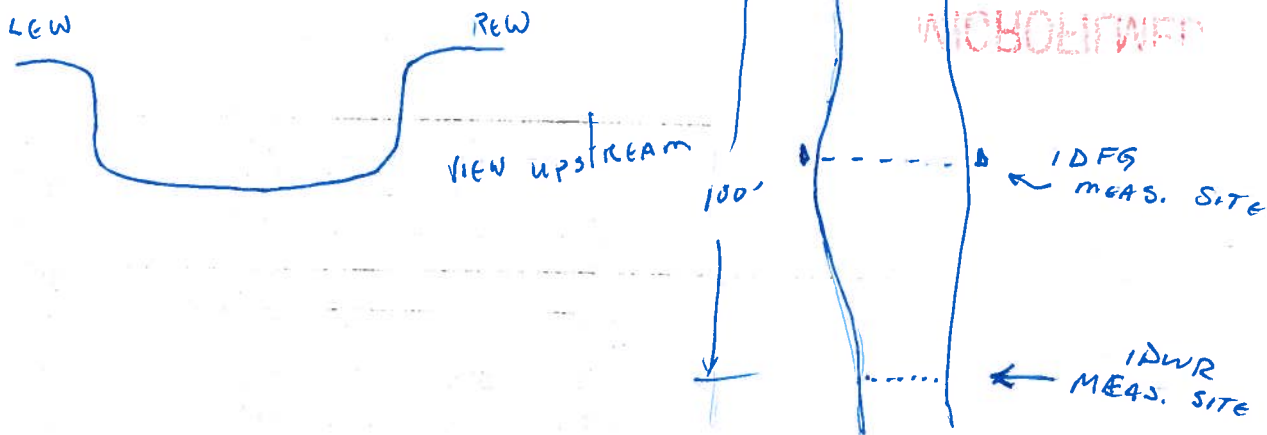
NOV 01 1994

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C. DIAGRAMS

1. Measurement Location

Scale: _____ = _____



2. Cross-Section of Measurement

Scale _____ = _____

D. SUMMARY INFORMATION

1. Measurement rated _____ excellent ☒ good _____ fair _____ poor

2. Remarks: _____

3. Width: _____ Area: _____ Discharge in cubic feet per second: _____

DATE _____

SIGNATURE OF PERSON CONDUCTING MEASUREMENT _____

A72-4133



POOR ORIGIN,

HUTCHISON POU
OVERVIEW ↑
 NORTH



Photo:
R12-9
by SEC

5-27-93

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NOV 01 1994

Photo: R72-8 by sec 5-27-93

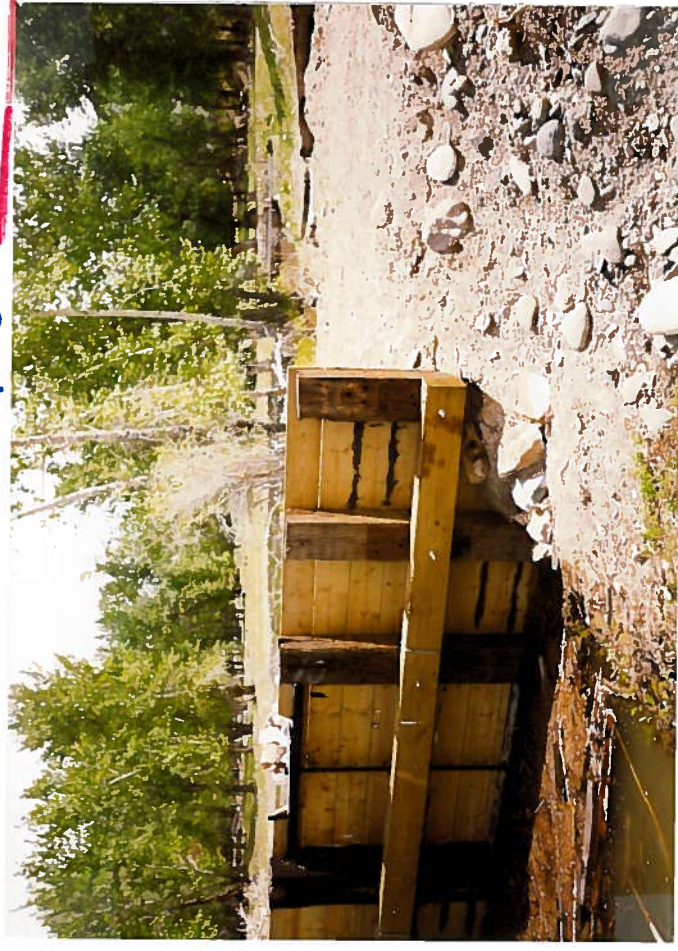


POD @ SALMON RIVER

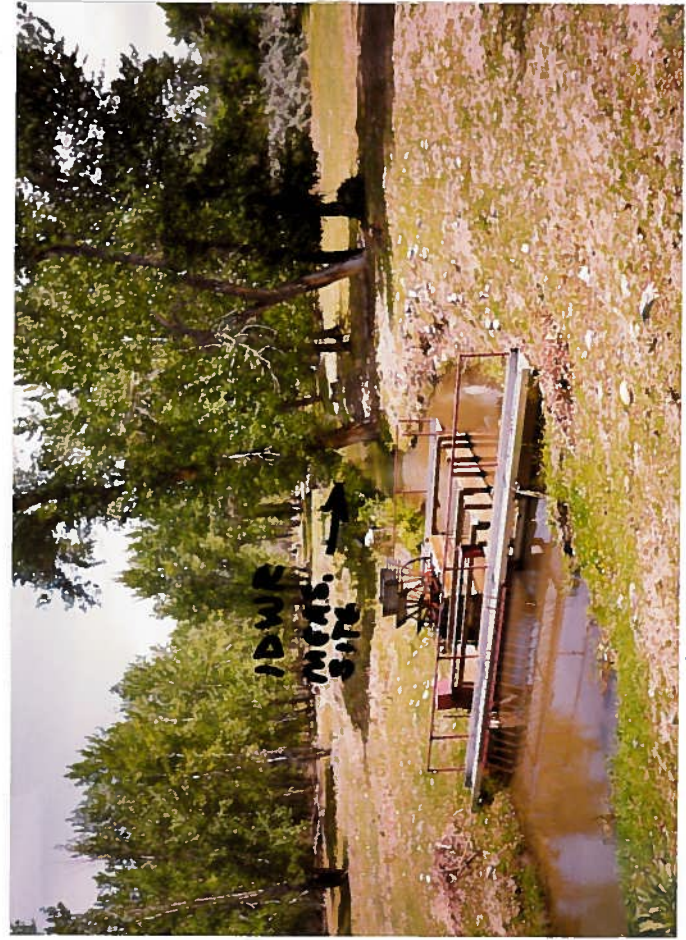
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HUTCHISON A72-4/33

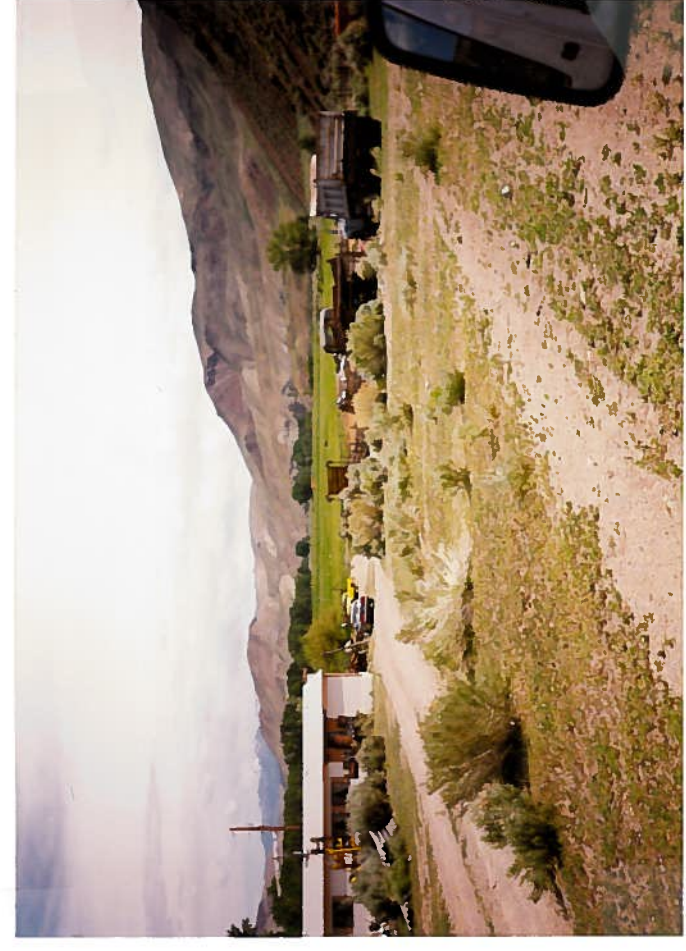
POOR ORIGINAL



View DOWNSTREAM TO FISH SCREEN S23A



FISH SCREEN - S23A



HUTCHISON POD - View North

POOR ORIGINAL

A72-4133
Hutcheon Ditch
meas. site



Note
IDFG
meas.
site.

VIEW UPSTREAM

MICROFILMED

NOV 01 1994

6-30-93

PHOTO: R72-17

by SEC



IDWR MEAS. SITE

POOR ORIGINAL



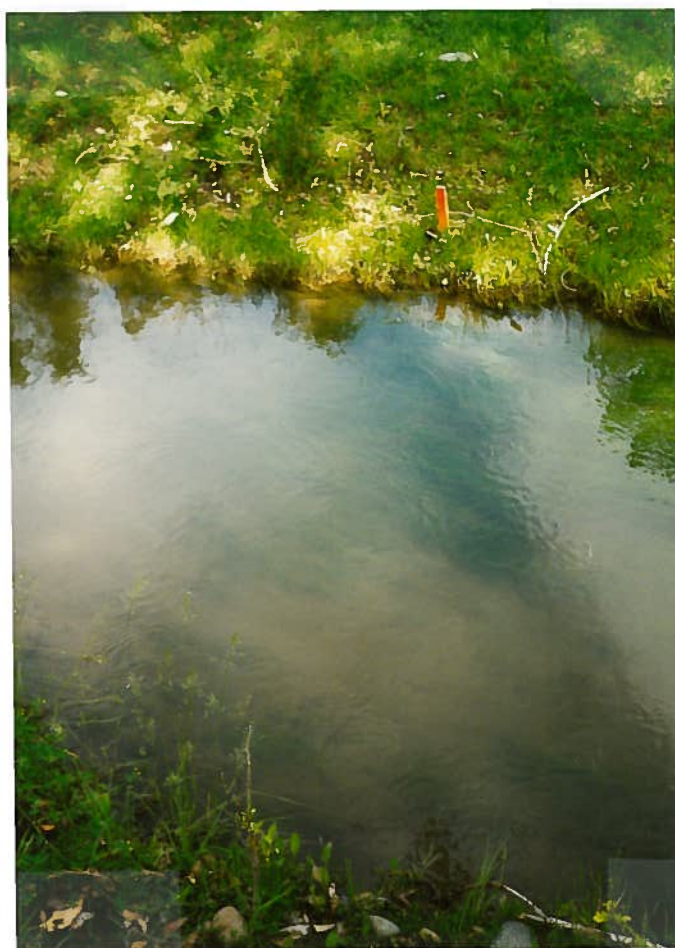
Hutchison
Ditch
MEAS. SITE

A72-4133

VIEW UPSTREAM

6-30-93

Photo: R72-17
by SCC



DID NOT USE
IDFG MEAS. SITE
DUE TO VARIATION FROM
THE REST OF THE DITCH
FLOW. SEE TOP PHOTO.

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IDFG MEAS. SITE

Water Right Number - 72-04133

Prefix Translation:

WATER RIGHT

Old (D) Number -

*** C - CURRENT OWNER ***

HUTCHISON

RALPH W.

1 - HC #61 BOX 3039
2 -
3 -

City- CHALLIS
Phone -

State- ID Zip- 83226

Priority Date - 04/01/1886

Region - 17 SOUTHERN

Stage - S - STATUTORY CLAIM

Status -

Source - SALMON RIVER

Tributary - SNAKE RIVER

Twn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion	Stream Index (Blank if no Index Code)
15N	19E	35	NW NW			(37)	CUSTER	

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01	IRRIGATION	04/01	11/01		12.000	

+ - Total Div. Rate - + - Total Div. Volume - + - Total Div. Capacity - +
12.000

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
15N	19E	25	NW NE		20.0		01	IRRIGATION	(37) CUSTER
15N	19E	25	NE NW		20.0		01	IRRIGATION	(37) CUSTER
15N	19E	25	SW NW		15.0		01	IRRIGATION	(37) CUSTER
15N	19E	25	SE NW		20.0		01	IRRIGATION	(37) CUSTER
15N	19E	25	NE SW		7.0		01	IRRIGATION	(37) CUSTER
15N	19E	25	NW SW		15.0		01	IRRIGATION	(37) CUSTER
15N	19E	26	NE SW		25.0		01	IRRIGATION	(37) CUSTER
15N	19E	26	SE SW		20.0		01	IRRIGATION	(37) CUSTER
15N	19E	26	NE SE		35.0		01	IRRIGATION	(37) CUSTER
15N	19E	26	NW SE		20.0		01	IRRIGATION	(37) CUSTER
15N	19E	26	SW SE		15.0		01	IRRIGATION	(37) CUSTER
15N	19E	26	SE SE		10.0		01	IRRIGATION	(37) CUSTER
Total Acres:					222.0				

+ - - Diversion Means - WING DAM, DITCHES
+ - - Non-Irrigation Use -
+ - - Other Rights for Same Use -

MICROFILMED
NOV 0 1 1994

WATER RIGHT

- - Old Water Right Numbers - -
No Old Water Right Numbers found.

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

+ . . . Decree Defendant . . . +

+ - Decree Date - +
00/00/0000

- - - Comments - -
No Comments Found

+ - - Audit Fields - 01/28/86 05/28/88 CONVERT

+ - - - - - Water Rights Dates and Flags Area

Proof Due Date	-	00/00/0000	Field Exam Made	-	00/00/0000	Field Exam Fee	-
Approved/Denied	-	00/00/0000	Tested Date	-	00/00/0000	Swan Falls	-
Proof Made Date	-	00/00/0000	Hearing Date	-	00/00/0000	Temporary Right	-
Exam to S.O. Date	-	00/00/0000	Verified Date	-	01/28/1986	DLE/Carey Act	-
Order Show Cause	-	00/00/0000	Receipt Number	-		Water District	-
Licensed Date	-	00/00/0000	Appl Received	-	00/00/0000	Transfer/Amended	-
Decree Date	-	00/00/0000	Presumption Flag	-			-

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