

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: A72-00031
Date Received: 3/05/1990
Receipt No: S011396
Received By: lw

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: BRUCE M. HAYSE 307-733-6700
Address: P.O. BOX 1884
JACKSON, WY 83007

2. Date of Priority: FEB 26, 1909

3. Source: CHALLIS CREEK Trib. to: SALMON RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
14N	19E	8		NE	NW		CUSTER

5. Description of diverting works:
HEADGATE, DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	10/31	1.040		

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

8. Total consumptive use is 282.5 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

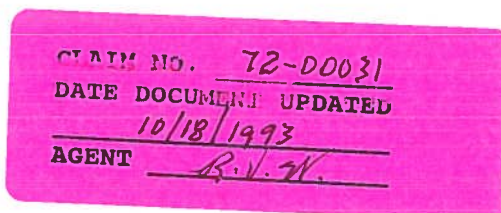
Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
14N	19E	5	NE	SW		IRR	18.0
			NW	SW		IRR	23.0
			SW	SW		IRR	36.0
			SE	SW		IRR	36.0

Section Acres 113.0

A72-00031

Page 1

Date: 03/05/90



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10. Place of Use: Continued

Total Acres 113.0

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:
A72-02109

14. Remarks:

15. Basis of Claim: DECREED
Case Number:
Court :
Decree date: 10/09/1911

STEPHENS, ET AL
Decree Plaintiff

vs

SHAW, ET AL
Decree 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 _____ 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 _____

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

472-00031

Date Received

Receipt Number

RECEIVED

FEB 9 - 1990

Department of Water Resources
Southern Region Office

NOTICE OF CLAIM

TO A

WATER RIGHT

ACQUIRED UNDER STATE LAW

RECEIVED

FEB - 8 1990

Department of Water Resources
Eastern District Office

Please type or print clearly

1. Name of Claimant (s)

Bruce M Hayse

Phone (307) 733 6700

Mailing Address

Box 1884 Jackson WY

Zip

83001

2. Date of Priority (Only one (1) per claim)

2/26/09

3. Source of water supply (a)

Challis Creek

which is tributary to (b)

Salmon River

4. a. Location of existing point of diversion is: Township

14N

Range 19E

Section 8

1/4 of NE

1/4 of NW

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.

head gate - ditch

constructed

new 1989

RECEIVED

MAR 8 1990

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Department of Water Resources
Southern Region Office

6. Water is claimed for the following purposes:

(both dates are inclusive) (cfs) (acre feet)

For irrigation purposes from 4/1 to 10/31 amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 1.04 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 2825 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:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- 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	
14N	19E	5									18								
14N	19E	5										23							
14N	19E	5											36						
14N	19E	5												36					

Total number of acres irrigated _____

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 ☐
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.
Darling Creek - see accompanying form or None ()

14. Remarks:

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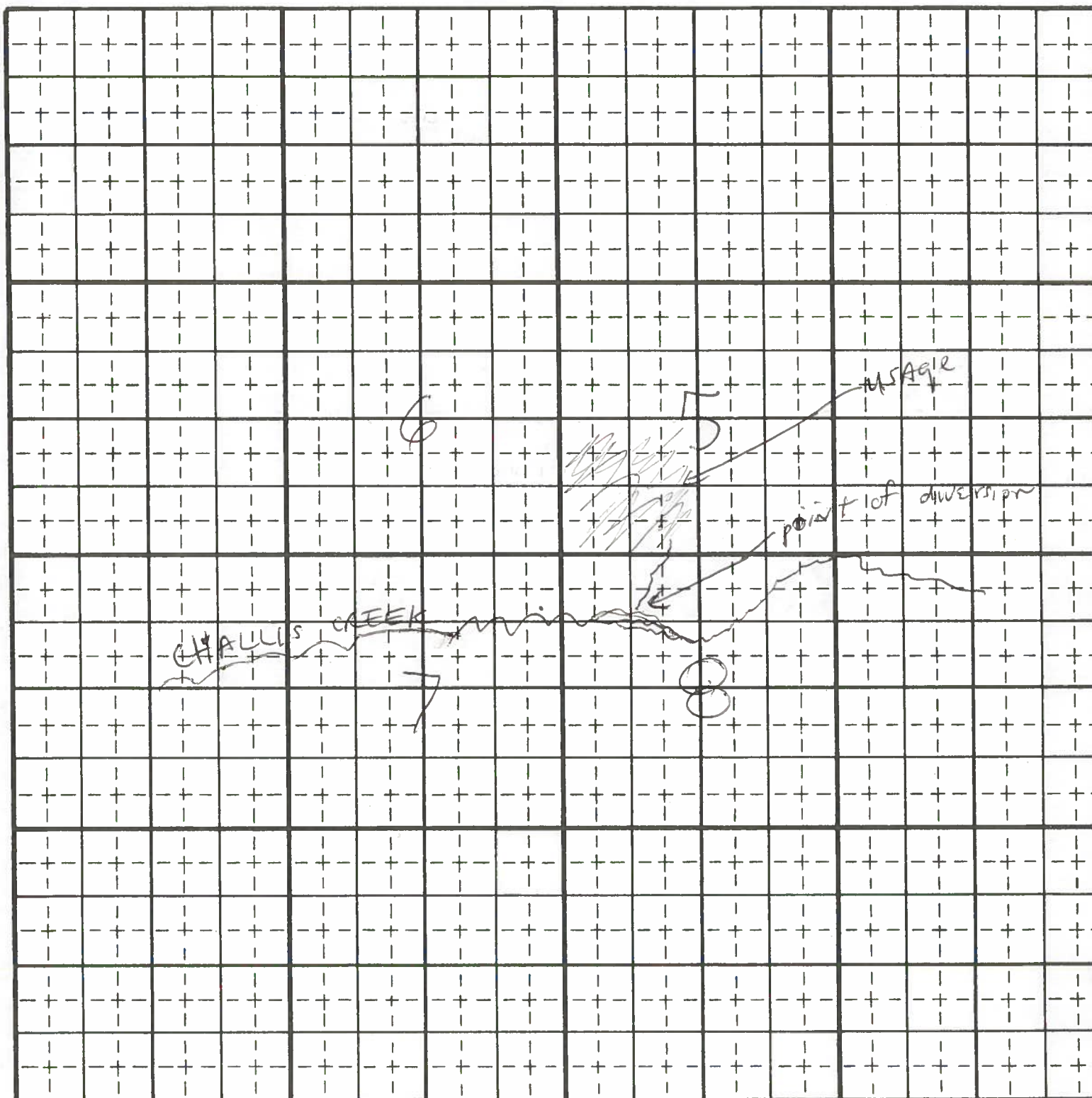
MAR 17 1993

Last Name Hayse Ident No. _____

Copies: White -State, Yellow-Claimant

Map of Project: show clearly the point of diversion, place of use, section number, township, and range number.

Scale: 2 inches equals 1 mile



R 19 E

Last Name

HAYSE

Ident No.

Copies: White-State Yellow-Claimant

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15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License _____ Permit _____
Decree ☒
If applicable provide IDWR Water Right Number 72-0031
Court _____ Case Number _____ Decree Date 26-2-09
Plaintiff vs Defendant Stephens vs Shaw

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

Signature of Claimant (s) BA

Date 2/26/90

Date _____

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~~ Wyoming)
County of Teton) SS.

Subscribed and sworn (or affirmed) before me this 5th day of February 19 90

SEAL



Notary Public Lynn A. Garrison

Residing at 430 Scott Lane, Jackson, WY

My Commission Expires Nov. 7, 1992

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ 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 _____

Address _____

Date _____

Last Name _____ Ident. Number _____

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MAR 17 1993

Copies White-State, Yellow-Claimant



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

Mar. 9, 1990

Re: A72-02109

A72-00031

BRUCE M HAYSE
P O BOX 1884
JACKSON WY 83007

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 dark ink, appearing to read 'Judy'.

Judy Givens
Adjudication Secretary

/jg

Enclosures:

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MAR 17 1993

Water Right Number - R72-00031

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
HAYSE

BRUCE M

1 - PO BOX 1884
2 -
3 -
City- JACKSON
Phone - 307-733-6700

State- WY Zip- 83007

--- Priority Date --- + --- Region --- + --- Stage --- + --- Status --- +
02/26/1909 17 SOUTHERN D - DECREED

--- Source --- + --- Point of Diversion --- + --- Tributary --- +
CHALLIS CREEK SALMON RIVER

--- Twn --- Rng --- Sec --- Tract --- Lot --- Rflg --- County ---
14N 19E 8 NW NW NW (37) CUSTER

--- Code --- Description --- Period From --- Period To --- Water Use --- Diversion Rate --- Diversion Volume ---
01 - IRRIGATION 04/01 10/31 0.810

--- Total Div. Rate --- + --- Total Div. Volume --- + --- Total Consumptive Use --- + --- KW Usage --- +
0.810 0.810 0.0

--- Twn --- Rng --- Sec --- Tract --- Lot --- Acres --- Place of Use --- Code --- Description --- County ---
14N 19E 5 SE SW 9.9 01 IRRIGATION (37) CUSTER

Total Acres: 9.9

--- Diversion Means --- HEADGATES, DITCHES

--- Non-Irrigation Use ---

--- Other Rights for Same Use --- NONE

--- Remarks ---

GEN 0.11 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.

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

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

104-11-16-98

Water right number - R72-00031

Prefix Translation: RESEARCH

+ - - - - Decree Plaintiff - - - +
STEPHENS, ET AL

+ - - - - Decree Defendant - - - +
SHAW, ET AL

+ - Decree Date - +
10/09/1911

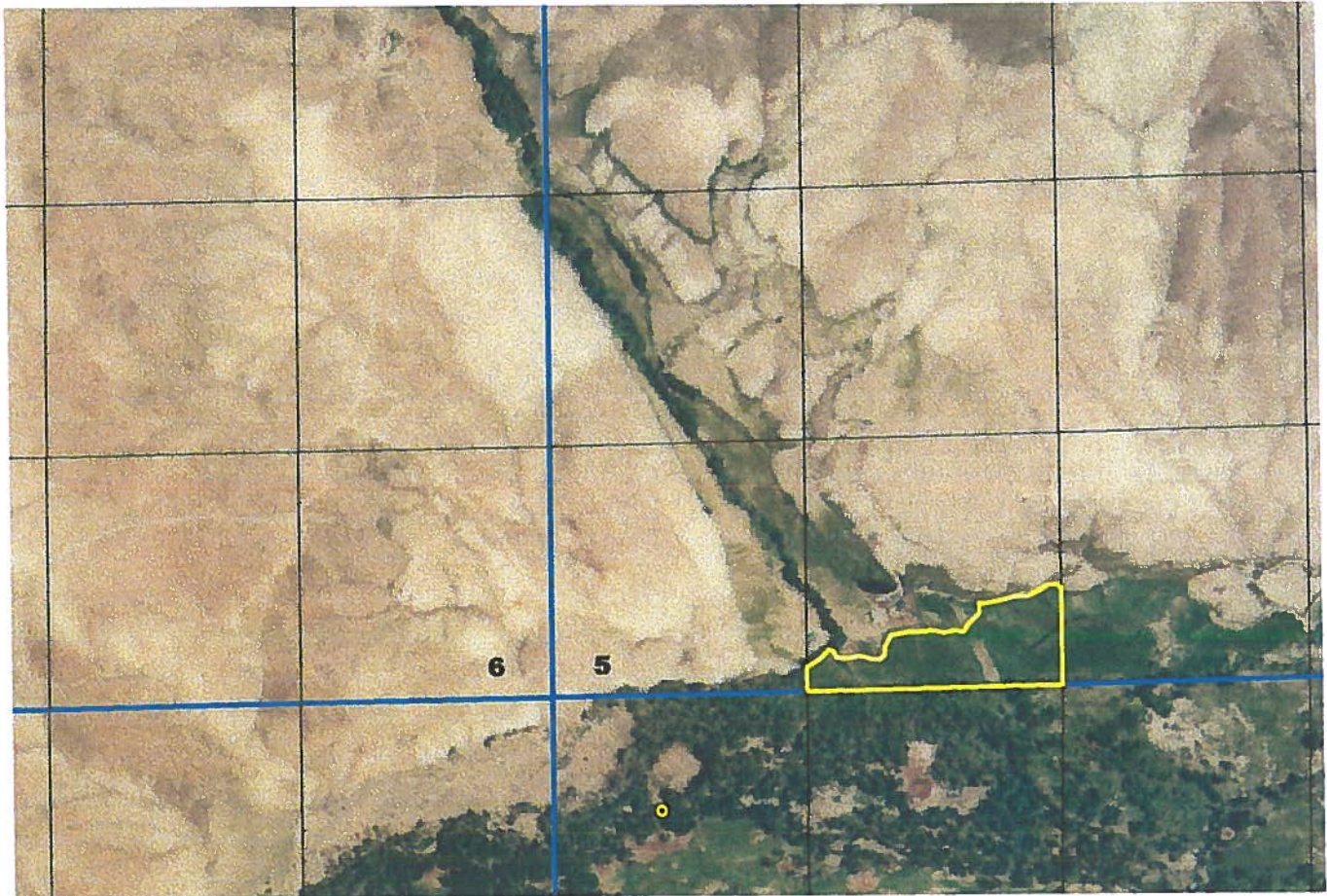
+ - - - - Comments - - - - -
Date: 10/15/1993 User Id: WORSTELL Subject: REDUCTION OF P/U ACRES
GRAVITY FLOW WATER FROM CHALLIS CREEK P/D CAN ONLY IRRIGATE 11 ACRES OF THE CLAIMED PLACE OF USE.
Date: 11/16/1998 User Id: VHANCOCK Subject: PLACE OF USE
ACRES IRRIGATED FROM CHALLIS CREEK CALCULATED AT 9.9 BY ARC VIEW GIS PROGRAM. RECOMMENDED 9.9 ACRES.

+ - - Audit Fields - - +
11/16/98 VHANCOCK

+ - - - - Adjudication Rights Dates and Flags Area - - - - - +									
Court Report Filing	-	00/00/0000	Field Inspection Made	-	00/00/0000	Civil Case Number	-	39576	
Objection Filed Date	-	00/00/0000	Field Inspection Flag	-		Old Case Number	-		
Response Filed Date	-	00/00/0000	Verified Date	-	11/16/1998	Old Judicial District	-		
Claim Received Date	-	03/05/1990	Last Amended Date	-	00/00/0000	Temporary Right	-	P	
			Receipt Number	-	S011396	Water District	-		
			POU Ownership Flag	-	Y	Federal/State Indicator	-	S	
			Name Connector	-		Presumption Flag	-		
						Notice of Error Flag	-		

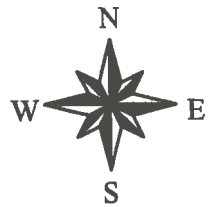
IDAHO DEPARTMENT OF WATER RESOURCES

72-00031
BRUCE HAYSE



0 660 1320 Feet

RECOMMENDED PLACE OF USE
DATA ENTRY ON OCT. 15, 1998
TWP 14N, 19E, SEC. 5



-  RECOMMENDED PLACE OF USE
-  RECOMMENDED POINT OF DIVERSION
-  SECTION LINES
-  QUARTER QUARTER LINES

GIS PLACE OF USE PRESENTATION
USFS 1992 AERIAL PHOTOGRAPHY
DATA ENTRY BY JEANIE ROBERTSON

CLAIM NUMBER72-00031

DATE10/15/98

TRANSFER NUMBER

AGENT

CLAIMED ACRE TOTAL113

GIS ACRE TOTAL9.9

	TWP	RNG	SEC	NE				NW				SW				SE				
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
CLAIM	14N	19E	5									18	23	36	36					11
GIS	14N	19E	5									0	0	0	9.9					9.
RECOM	14N	19E	5									0	0	0	9.9					9.
CLAIM																				
GIS																				
RECOM																				
CLAIM																				
GIS																				
RECOM																				

B72-DBPOU.SHP

SHAPE NOS.

225

B72-DBPOD.SHP

NOS. DESCRIPTION

115 14N,19E,D8 NWNWNW

11-116-98

DBF TABLES UPDATED

B72-DBPOU.DBF

B72-DBPOD.DBF

REVIEW OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

72-00031

DATE: 11-16, 1998

REVIEWED BY UHL

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
BBD						
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
DT2	.05	.04			12.46	16.50
DWA	.14	.14			4.79	5.01
GO1	.10	.12			12.47	10.51
HAYSE						
KEG	.08	.07			8.73	10.06
MUG	.15	.14			4.54	4.98
NDL	.13	.12			5.30	6.06

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
PD2	.11	.12			5.15	4.74
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
<u>WC1</u>	/	*	<u>10</u>	<u>.07</u>	= <u>0.7</u> CFS
	/	*			= CFS
	/	*			= CFS
	/	*			= CFS

0.7
+ .11 Con
= .81

TOTAL ACRES _____

DECREED RATE = 1.04

CLAIMED DIVERSION RATE = 1.04

MEASURED DIVERSION RATE = _____

north, range 18 east Boise meridian,

right thereto to date from May 1st, 1897.

72 0030 30. That the cross complainant, C. C. Shaw, be and he is hereby awarded the right to the use of 50 inches of the flow of the waters of Eddy Creek, a tributary of Challis Creek, for the irrigation of his land described as that certain ranch of fifty acres situated on Eddy Creek about one mile from the mouth of said creek in sections 34 and 27 township 15 north, range 18 east Boise meridian, his right thereto to date from May 30th, 1903.

72 0031 31. That the cross complainant, L. E. Welch, be and he is hereby awarded the right to the use of 52 inches of the flow of the waters of Challis creek for the irrigation of his land, described as the south half of the southeast quarter and the east half of the southwest quarter of section five, township 14 north, range 19 east Boise meridian, his right thereto to date from February 26th, 1909.

72 0032 32. That the defendants, J. C. Fox, Geo. Coryell and C. C. Hill, be and they are hereby awarded the right to the use of ^(see supplemental decree file) cubic feet per second of the flow of the waters of Challis Creek, under the terms and conditions imposed by the license or permits of the State Engineer of the State of Idaho, their right thereto to date from the 22nd day of July 1909, and the said defendants are given until the 22nd day of January, 1911, to perform one fifth of the work necessary to divert the said amount of water, and until the 22nd day of July 1918, thereafter to complete said diversion works and put the said amount of water to a beneficial use, as provided by the terms of their said permit.

See order containing decree for R.W.H.

Done in open Court this 9th day of October, 1911.

J.M. Stevens,

Judge.

Filed November 21st, 1911.

E.J. Michael,

Clerk.



Roll #11

7/15

#1

Hayes Modified "P" Flume

18" Throat not level

#2

on Challis Creek

about $1\frac{3}{8}$ " depth of flow
(0.156')

Hi Flow

1' Flume 2' Flume 18" Flume

$$\frac{1.20 + 2.38}{2} = 1.9 \text{ cfs}$$

Hi Flow $\approx 5\frac{1}{2}$ "
(0.458')
 ≈ 22.9 inches

≈ 95 inches.

Observed Flow.

1' Flume 2' Flume

$$\frac{0.30 + 0.60}{2} = 0.45 \text{ cfs}$$

≈ 22.5 inches

Idaho
Phone Dept. of Transportation Shop
Challis, Idaho - North of town - off the Salmon
Challis Highway
Phone 879-4425 ← ↑ has message recorder
on phone
Lamont Taylor - in charge
home Ph. 879-2672

Jerry Jepson - Renter on Bruce Hayse property
Box 1066, Challis
Ph. 879-4403
Box 1884, Jackson, Wyoming.

Called 5/13 11:30 am
Meet
Wed 5/19 1 pm.

240 acres 150 acres

Hayse?

12.00031

SXF Soil

	0	0	Total	Alf,
0-4	4	0.5	0.5	6.25
4-45	45	4.1	4.6	
45-60	40	0.6	<u>5.2</u>	MAD 2.6

YN1 Soil

	0	0	0	Pasture
0-2	2	0.25	1.25	
	12	0.90	1.15	
	36	2.16	3.31	MAD 1.66
	60	2.04	5.35	MAD 2.68

.192"/day

8.5 days

WC 1

	0	0	
	8	1.44	1.44 Pasture
	36	5.04	6.48 MAD 3.24
	49	2.34	8.82 .192"/day 17 days
	54	0.68	9.50
	60	0.14	9.64 MAD 4.82

1.36 - 1.50 .01

Notes on:

Bruce Hayse claim A72-00031

Ditch from Challis Cr. Div Elev Approx 5110 on Topog map
Diversion must be at about 5111 Ft elev, $\left(1610' \times \frac{0.05'}{100} = 0.8\right)$
which puts it in SWHWNW sec 8 or the SEENE of sec 7
Check further.

P/D given in claim cannot serve the lands on
the Bench. (NESW 1/4, SW, + SESE) 22.6 ac. (32.7%)
Can only reach about 12 ac in SESE (17.4%)
about 50% of land
must be irrigated from Darling Cr.

Lands in Sec 5 (SWSE + SESE) not covered
by any claim

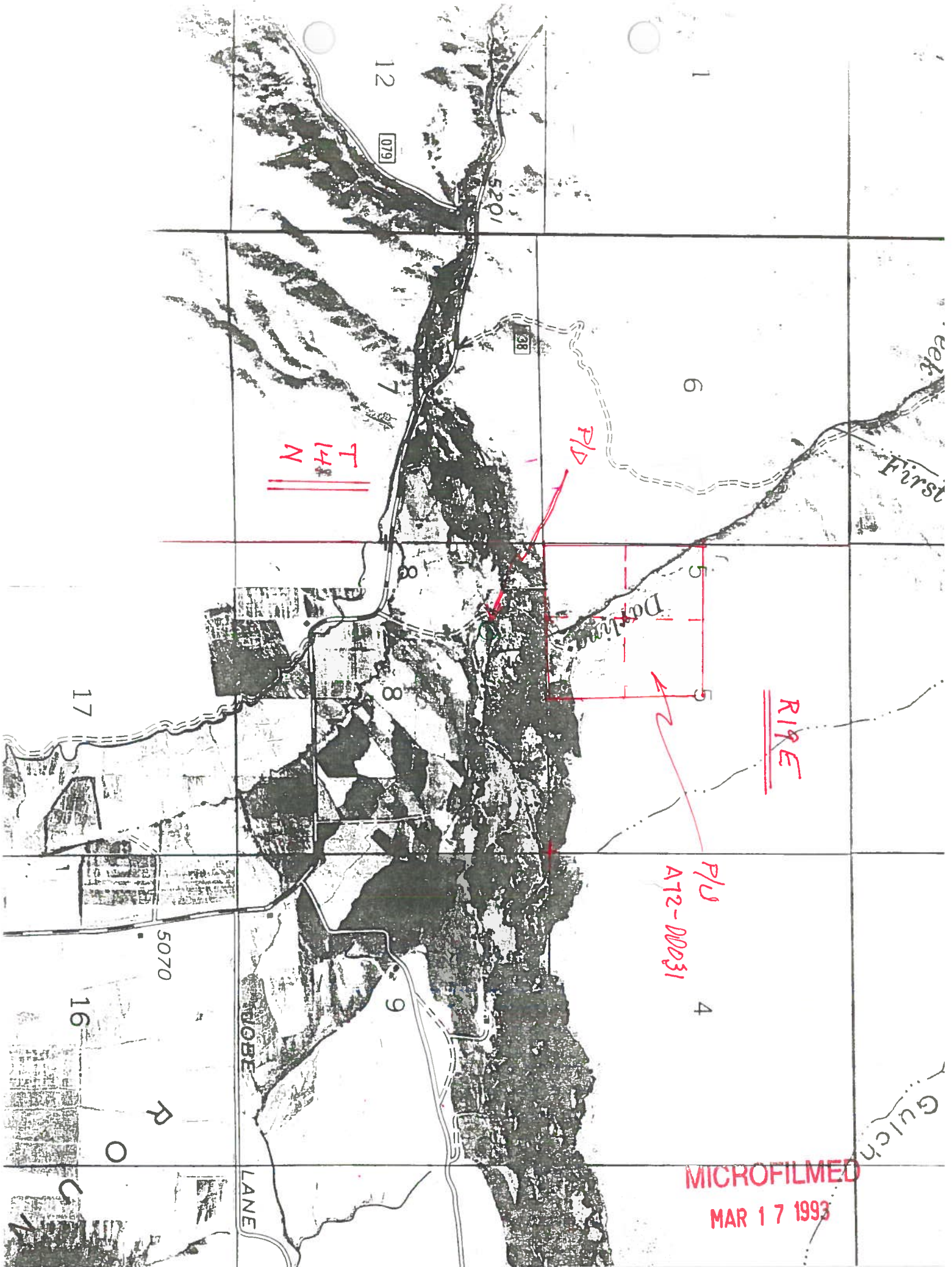
Claim A72-02109

Diversion pt from Darling Cr. elev about 5250
Elev top of Field about 5230 20' fall
Est. Length of Ditch 3800' e. (0.72 mile)

6 x 1.1
5 x 1.1
7 x 1.1 =

Est. slope = $\frac{20}{3800} = 0.005$ or .5%





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R PROOF



CVR

MAPS



PHOTOS

MISC

MICROFILMED

MAR 17 1993

Water Right Number - R72-00031

Prefix Translation:

RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
 HAYSE
 BRUCE M.
 1 - P.O. BOX 1884
 2 -
 3 -
 City- JACKSON
 Phone - 307-733-6700
 State- WY Zip- 83007

Priority Date - 02/26/1909
 Region - 17 SOUTHERN
 Stage - D - DECREED
 Status -

Source - CHALLIS CREEK
 Point of Diversion - SALMON RIVER

Town - 14N Range - 19E Section - 8 Tract - NE NE NW Lot - (37) County - CUSTER

Code - 01 - IRRIGATION Description - Period From - 04/15 Period To - 10/15 Water Use - Diversion Rate - 1.040 Diversion Volume - 27.5

Total Div. Rate - 0.650 Total Div. Volume - 11.0 Total Consumptive Use - 27.5 KW Usage -

Town - 14N Range - 19E Section - 5 Tract - SE SW Lot - 11.0 Acres Code - 01 IRRIGATION Description - (37) CUSTER County -

Total Acres: 11.0

+ - Diversion Means - HEADGATES, DITCHES

+ - Non-Irrigation Use -

+ - Other Rights for Same Use - NONE

Remarks - 0.11 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
 LOSSES IN DELIVERY OF THIS RIGHT.

No Old Water Right Numbers Found
 Old Water Right Numbers -

Conditions of Approval -
 No Conditions of Approval found.

See table and
 + conveyance
 for
 N/A

603

Prefix Translation: RESEARCH

+ - Decree Date - +
10/09/1911

-Comm

10/18/93 WORSTELL

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39516
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 10/18/1993	Old Judicial District	-
Claim Received Date	- 03/05/1990	Last Assessed Date	- 00/00/0000	Temporary Right	- P
		Parcel Number	- 5011306	Water District	-

Field Inspection Made	- 00/00/0000	Civil Case Number	-
Field Inspection Flag	-	Old Case Number	-
Verified Date	- 10/18/1993	Old Judicial District	-
Last Amended Date	- 00/00/0000	Temporary Right	- P
Receipt Number	- S011396	Water District	-
POU Ownership Flag	- Y	Federal/State Indicator	- S
Name Connector	-	Presumption Flag	-
		Notice of Error Flag	-

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		R/W 5/19/93	N	1,2,5,6	R/W 10/9/93		
SOURCE				N				
ACE OF USE	Y			Y	1,2,3,5,6			
DIV. AMOUNT CES/VOLUME				N				
CONSDRPTIVE USE				Y				
PURPOSES				N				
PERIOD OF USE	Y			Y				
BASIS OF CLAIM				N				
REMARKS				Y				

VERIFIED BY CODES

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

T74, T75 - 1969
 Y11
 Enlarged BLM Aerial Photo

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

BLM 24 ID 884C
 5-8C-15 7/1/1988
 Enlarged 2X

LAST: ~~WELCH~~ FIRST: ~~N.E.~~
ADDRESS: ~~X~~ STATE: ~~ID~~ ZIP: ~~X~~
CITY: ~~X~~
PHONE NUMBER: 208-000-0000
OWNER CODE: 0

Delete

LAST: HAYSE FIRST: BRUCE M.
ADDRESS: P.O. BOX 1884
CITY: JACKSON STATE: WY ZIP: 83007
PHONE NUMBER: 307-733-6700

OWNER CODE: C
FIELD EXAM REQUIRED?
VERIFICATION REQUIRED DUE TO REMARKS?
NO REMARKS IN CLAIM
DATABASE FIELD EXAMINER
N

CONTACT PERSON:

Jerry Jepson, PO Box 1066 Challis, ID

PHONE NUMBER: () 879-4403

DATE OF FIELD EXAM:

5/19/93

APPOINTMENT MADE: Y () N ()

TIME: 1:00 A () P (M)

ACCOMPANIED BY:

Bruce Maxwell

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT:

Jepson Rents Hayse Place and manages it

DIRECTIONS TO PROPERTY / REMARKS:

Maxwell works on the place from time to time

PRIORITY DATE REVIEW PAGE

A. AJ CLAIM: # A72-00031 PRIORITY DATE: 02-26-1909 STAGE: D

B. WR RECORD: # 72-00031 PRIORITY DATE: 02-26-1909 STAGE: D

C. FIELD EXAM REQUIRED? DATABASE N FIELD EXAMINER *N*

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

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

REMARKS:

RECOMMENDED PRIORITY DATE:

02-26-1909

REVIEWED BY

S.V. JH

DATE

2/23/93

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-00031	14N	19E	8	NE	NE	NW		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX R PREFIX

~~A72-00021B~~

NONE

NONE

WR RECORDS IN SAME 40 ACRE TRACT

SOURCE: CHALLIS CREEK

Error This right P/D is Sec 8 SE NW NE

TRIB: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

7200031 THERE IS NO POD ASSOCIATED WITH THIS WATER RIGHT NUMBER

SOURCE: CHALLIS CREEK

TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

NOTES:

Flume

#2

7/15/73

Hayes

Challis Creek "Measuring"
Flume

7/15/93
Challis Creek "Measuring"
Flume

Hayes

#1

2/27/71
Flume

Elev. Challis Cr. Approx $\pm 100'$ *
PD 14N 19E Sec 8 NENW

Elev of P/V 5160 to ~~5200~~
to 5240 *

about 140' above the
PD at upper side of
field (60.6 psi)

5120

* Elev. from Topog map

A. ROOT WATER RIGHT NUMBERS: A72-00031

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	Revised EXAM.	RECOMM. ACRES
14N	19E	5	NE	SW		HAYSE, BRUCE M.	A72-00031 /18.0	72-00031 /	17.0	14	0 14
			NE	SW		HAYSE, BRUCE M.	A72-02109 /18.0	72-02109 /18.0			0 14
14N	19E	5	NW	SW		HAYSE, BRUCE M.	A72-00031 /23.0	72-02109 /23.0	23.0		0
			NW	SW		HAYSE, BRUCE M.	A72-02109 /23.0	72-02109 /23.0			0
14N	19E	5	SW	SW		HAYSE, BRUCE M.	A72-00031 /36.0	72-02109 /36.0	21.0		0
			SW	SW		HAYSE, BRUCE M.	A72-02109 /36.0	72-02109 /36.0			0
14N	19E	5	SE	SW		HAYSE, BRUCE M.	A72-00031 /36.0	72-00031 /	35.0	40	11 36
			SE	SW		HAYSE, BRUCE M.	A72-02109 /36.0	72-02109 /36.0			54
TOTAL ACRES							A72-00031	113.00	99.00		

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATEBASE Y FIELD EXAMINER X

POU COUNTY: CUSTER

PRESUMPTION FLAG:

REMARKS:

* Parts of Decreed RT 72-00031

Other 40's lie 100' to 140' above Challis Creek and cannot be irrigated from this source - No pump.

RECOMMENDATIONS:

TOTAL ACRES:

11

REVIEWED BY:

A. D. St.

DATE:

10/8/93

A. AS CLAIMED USES:

PURPOSES
A72-00031 IRRIGATION

MONTH/DAY
FROM 04-01 TO 10-31

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
1.040 CFS
1.040 CFS

B. WR RECORDED USES:

PURPOSES
72-00031 IRRIGATION

MONTH/DAY
FROM TO

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
1.040 CFS
1.040 CFS

ASSUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

Y() N()
Y() N() Explain in remarks, below.

REMARKS:

New standard period of use.

DIVERSION AMOUNT REVIEW SHEET

Y(☒) N(☐)

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

AJ TOTAL CLAIMED DIVERSION RATE: 1.040 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 1.040 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)

FIELD DATABASE EXAMINER
Y

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: ~~A72-02109~~

LIST ALL RIGHTS WITH A SAME FOU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-00031	CHALLIS CREEK	HAYSE, BRUCE M.	1.040	0.009		
A72-02109	DARLING CREEK	HAYSE, BRUCE M.	2.360	0.020		

NO RIGHTS WITH SAME FOU BUT NOT USED FOR IRRIGATION

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 11 x 0.02 cfs/acre = 0.22 cfs
 (taken from p/u review)

1b. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED 0.02 cfs/acre? Y(☒) N(☐)

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

1.04 cfs desired + claimed

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 282.5 AF/A

ACRES 11 x CONSUMPTIVE VOL. AF/A FOR AREA 2.5 =
 TOTAL CONSUMPTIVE USE 27.5 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES _____ x DIVERSION VOL. AF/A FOR AREA _____ =

TOTAL DIVERSION VOLUME _____ AF/A

N/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y(☐) N(☐)

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

*Irr. Analysis program shows 0.54 cfs needed to irrigate this 11 acres
 by flood irrigation*

Conveyance loss:

*Avg width of Ditch $\approx$ 4'
 Length of Ditch $\approx$ 1200'*

0.54 cfs + 0.11 cfs = 0.65 cfs

Area of Ditch = $\frac{4 \times 1200}{43560} = 0.11$ acre

Assumed loss rate 2'/day

0.11 acre x 2' = 24 c.f.t/day

1 cfs $\approx$ 24 c.f.t/day

$\frac{0.11 \text{ ac} \times 2 \text{ ft/day}}{24 \text{ c.f.t/day}} = 0.11 \text{ cfs}$

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	REC. DIV VOL. AF/A		REC. CONS. USE
	FROM	TO		EXAMINER	EXAMINER	
IRRIGATION	04-01 15	10-31 15	1.040 0.65	0.65	282.5	282.5
TOTAL FOR THIS RIGHT			1.040	0.65	282.5	282.5

REVIEWED BY: [Signature]

DATE: 10/18/93

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FOREFEIT/ABANDON
ADDITIONAL DIV. AMOUNTACCEPTED
AS CLAIMED
()
()
()
NEEDS
REVIEW
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-00031

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
1.040

EXAMINER

CFS

No Split.

SPLITS:

OLD RIGHT
NUMBERSCURRENT
CLAIM NUMBERSDIVERSION
RATECURRENT "R"
CLAIM NUM."R" DIV.
RATEWR RIGHT
NUMBERSDIVERSION
RATE

472-00031

1.040

-

72-00031

1.040

TOTAL CFS

1.040

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
Y
FIELD
EXAMINER

N/A

REMARKS:

AUTHENTICATION:

SIGNATURE:

Robert V. Horst

DATE:

10/8/93

NAME OF FIELD EXAMINER:

R. V. Horst

TITLE:

Sr. Adj. Agent.

CLAIM NUMBER: A72-00031

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	BRUCE M. HAYSE P.O. BOX 1884 JACKSON WY 83007 (307) 733-6700	02/26/1909	IRRIGATION	04-01 10-31	1.04 CFS	1.04 CFS
						282.5 AFA

Water Source: CHALLIS CREEK
Tributary to: SALMON RIVER
Stage: DECREED

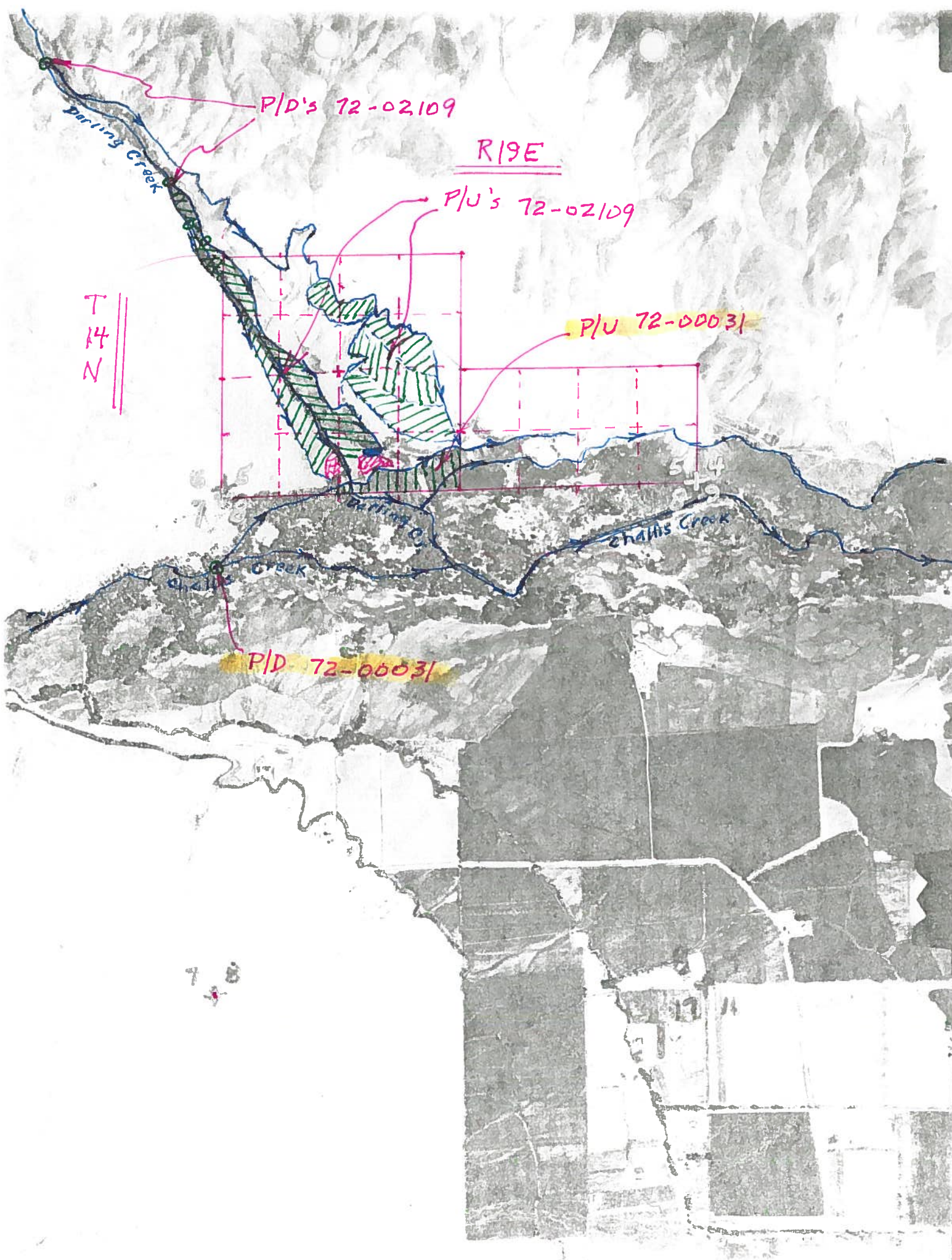
Point(s) of Diversion: TIAN RISE 808 NENM CUSTER County

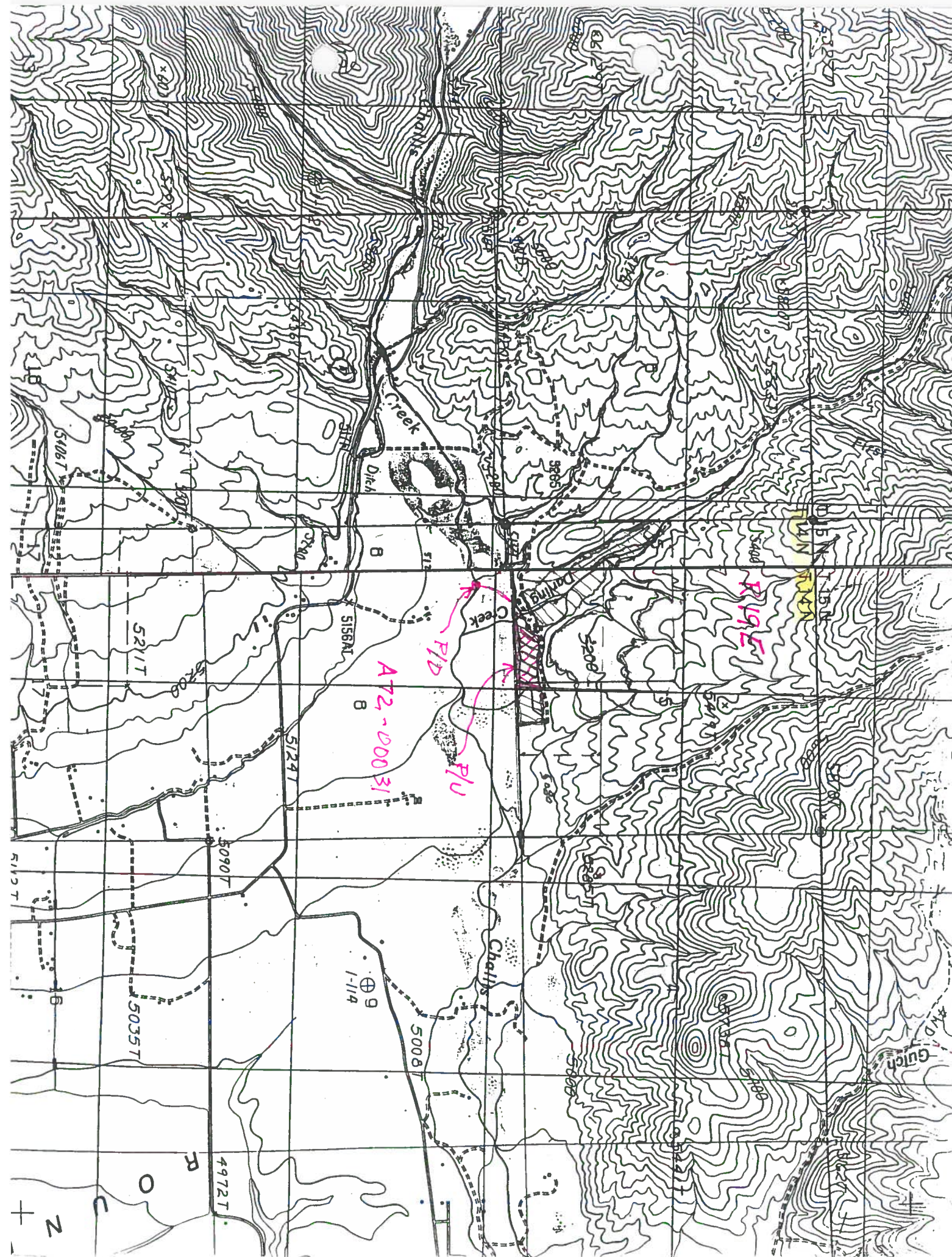
Place of use	Legal Description for:	IRRIGATION	NW	SW	SE	SUM
T R S	NENE NAME SENE	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac
14N 19E 5	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac
		18	23	36	36	
TOTAL ACRES						113.0

POU County: CUSTER

Other Rights: A72-02109

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

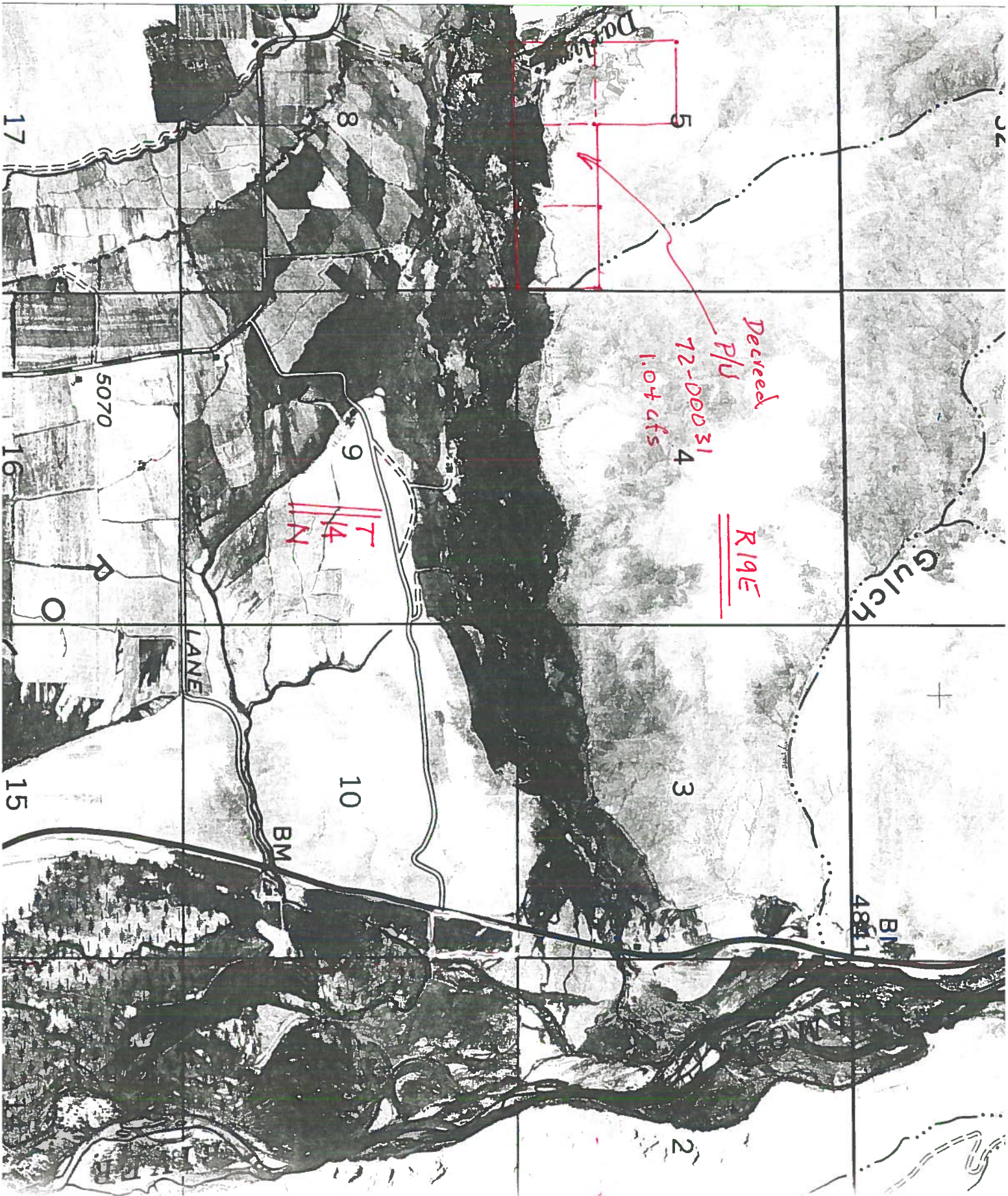




4N

T 15 N
T 14 N

(TWIN PEAKS SE)



OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	L.E. WELCH	02/26/1909	IRRIGATION	00-00 00-00	1.04 CFS	

TOTAL DIVERSION: 1.04 CFS

Water Source: CHALLIS CREEK

Tributary to: SALMON RIVER

Stage: DECREED

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
14N 19E 5	: 1	: 1	: 1	: 1	: 1

Pou County: CUSTER

Other Water Rights Listing Overlapping Place(s) of use:

72-02109

Dates:	App. Received:	Priority Date:
	Proof Due Date:	02/26/1909
	Exam Made Date:	Exam Sent to S.O.:
	Licensed Date:	

Misc: Water District Number: 72C Field Exam Fee:

Audit: 00/00/00

52 ac @ 1 1/4 ac.

GRADED BORDER EVALUATION

Job name: HAYSE A72-00031
By: RVW

Location: CHALLIS CR. PASTURE
Date: Oct 13, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0310 ft/ft Border width (W)= 31 ft
Net application (Fn)= 3.24 inches Border length (L)= 363 ft
Inflow time (Ti)= 8 hours, 0 minutes

0.258' /border.
0.775 gph/ft

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
0.48	Gross depth is less than required	gross application depth				
0.49	Gross depth is less than required	gross application depth				
0.50	Gross depth is less than required	gross application depth				
0.51	Gross depth is less than required	gross application depth				
0.52	Gross depth is less than required	gross application depth				
0.53	Gross depth is less than required	gross application depth				
0.54	0.017	16.58	13.05	0.30	19.5	
0.55	0.018	16.89	13.05	0.61	19.2	
0.56	0.018	17.20	13.05	0.91	18.8	
0.57	0.018	17.51	13.05	1.22	18.5	
0.58	0.019	17.81	13.05	1.53	18.2	
0.59	0.019	18.12	13.05	1.83	17.9	

SOIL CHARACTERISTICS

Soil Type = WC1 WISKISPRINGS SILT LOAM
 Source of Soils Data = Printout From SCS State Office

CLAIM NO. --- 00031
 A72-02109
 AGENT ----- RVW
 DATE ----- 10/13/93

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	8	0.17	0.19	6.6	7.3	2	3	1	2.16	2 0.55
8	49	0.17	0.19	6.6	7.3	2	3	1	2.34	
49	54	0.13	0.14	6.6	7.8	2	3	3	6.48	
54	60	0.03	0.04	6.6	7.8	2	3	4	8.64	alternate
								5	9.70	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	
alfalfa (hay or seed)	5	0.5	4.85	FIELD WIDTH	1320	0		
corn (field or silage)	4	0.5	4.32	IRRIGATION DAYS	14			
grain (winter or spring)	4	0.5	4.32	DRY DAYS	0			
pasture (or grass hay)	3	0.5	3.24	SET TIME(hours)	8			
other (enter below)				CALCULATED RUN (run = acres*43560/width)				
				RUN =	363			
				CALCULATED BORDER WIDTH (ditch length/irr days * cha				
				WIDTH =	31			
				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD =	3.24			
				ROTATION =	14.0 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
 Figure No = 10-15

crop	acres	system	Net Irrigation Requirement (mm/day)									
			current eff.	recomm. eff.	mar	apr	may	jun	jul	aug	sep	oct
PASTURE	11	FLOOD	12.7	12.7		1.47	3.84	4.87	5.86	4.56	3.23	2.07

Summary 11 13 13 1.47 3.84 4.87 5.86 4.56 3.23 2.07

Peak Net Irrigation Requirement (mm/day) = 5.86
 Current Diversion Requirement at Field (cfs/acre) = 0.076
 Recommended Diversion Requirement at Field (cfs/acre) = 0.076

RATE PER ACRE BASED UPON TOTAL ACRES * RATE PER ACRE
 Total acres * program recommended rate = 0.840 cfs
 Total acres * legal limit of 0.02 or 0.03 cfs/acre = 0.220 cfs

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

84
 19
 103

0.049 cfs/acre = 0.54
 11 x 0.049 cfs/acre = 0.54 cfs