

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: A72-00026
Date Received: 11/15/1989
Receipt No: M005227
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: ROBERTA H. GREEN 208-879-2320
Address: P.O. BOX 213
CHALLIS, ID 83226

2. Date of Priority: SEP 10, 1910

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	17E	33	NE		SW		NW		CUSTER
		34	NE		NW		NW		CUSTER

5. Description of diverting works:
ROCK & EARTH CHECKS, DITCHES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	09/01	2.200		

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

8. Total consumptive use is 390.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
14N	17E	27	SW		NE		IRR	1.0
			SE		NE		IRR	6.0
			NE		SW		IRR	1.0

A72-00026

Page

1

Date: 11/16/89

MICROFILMED

MAR 17 1993

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
14N	17E	27	SW	SW		IRR	15.0
			SE	SW		IRR	40.0
			NE	SE		IRR	20.0
			NW	SE		IRR	25.0
			SW	SE		IRR	30.0
						Section Acres	138.0
		34	NE	NW		IRR	10.0
	NW		NW		IRR	8.0	
						Section Acres	18.0
						Total Acres	156.0

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:
A72-00027, A72-04086

14. Remarks:

P/U IS H. E. S. #82

P/U FOR ADJ. CLAIM TAKEN FROM 1:100,000 SCALE MAP AND MAY VARY
FROM THE ACRES GIVEN BUT THE TOTAL 156 ACRES IS CURRENT.

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): Phyllis H. Green Date: Nov 16 - 1989

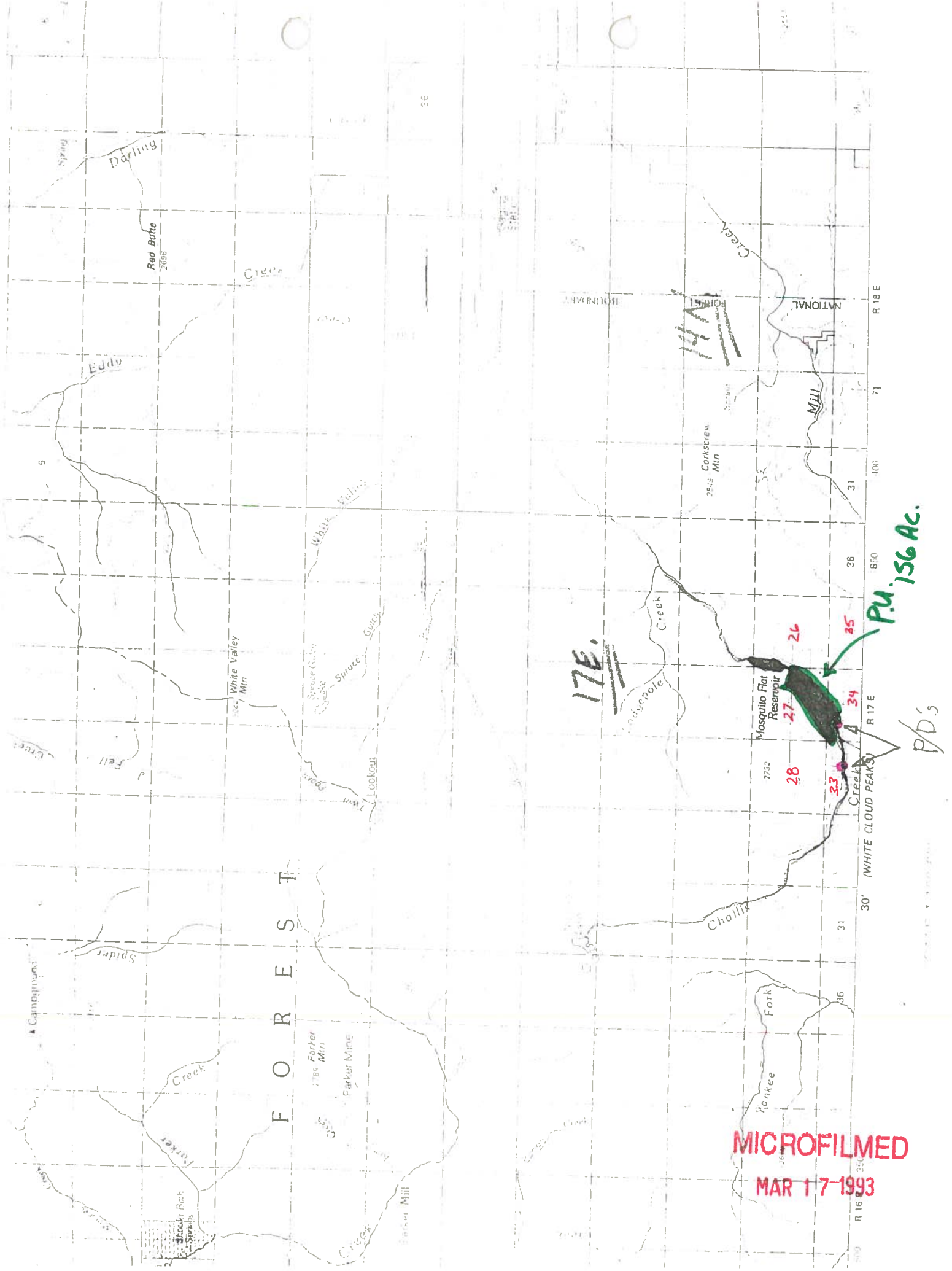
Date: _____

State of Idaho)
County of Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 16th day
of November 19 89
Steve O'Neil
Notary Public

Seal

Residing at Twin Falls, Idaho
My Commission Expires December 7, 1994



MICROFILMED
MAR 17 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

January 21, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

ROBERTA H GREEN
PO BOX 213
CHALLIS ID 83226

RE: 72-00020E, 72-02147A; 72-00056, 72-02149E, 72-04085; 72-00026,
72-00027, 72-04086, 72-10247, 72-10248, 72-10250, 72-10251,
72-10253, 72-10254

Dear Mrs. Green,

This letter is in response to the Notices of Error (NOEs) you recently filed with IDWR regarding the Director's proposed recommendations of the claims listed above. Your NOEs questioned the size of the Places of Use, and being able to use your storage rights at either location (Section 17 or 28).

I have re-drawn the areas on the GIS maps as we discussed. This allowed me to change my recommendations and include some additional acreage.

As for your storage rights, they were not claimed showing both properties so could not be recommended that way. After the Director's Report is issued, you can file a motion with the court (SF4 enclosed) to amend the claims and we may be able to change our recommendations after the amendments are filed. (If this will be a new use and hasn't been used this way before, you may be able to accomplish the same thing by filing a transfer.)

I have enclosed new GIS print-outs for your records and also copies of profile reports showing the changes. You should be receiving the actual Director's Reports around the first part of February, which will reflect these corrections.

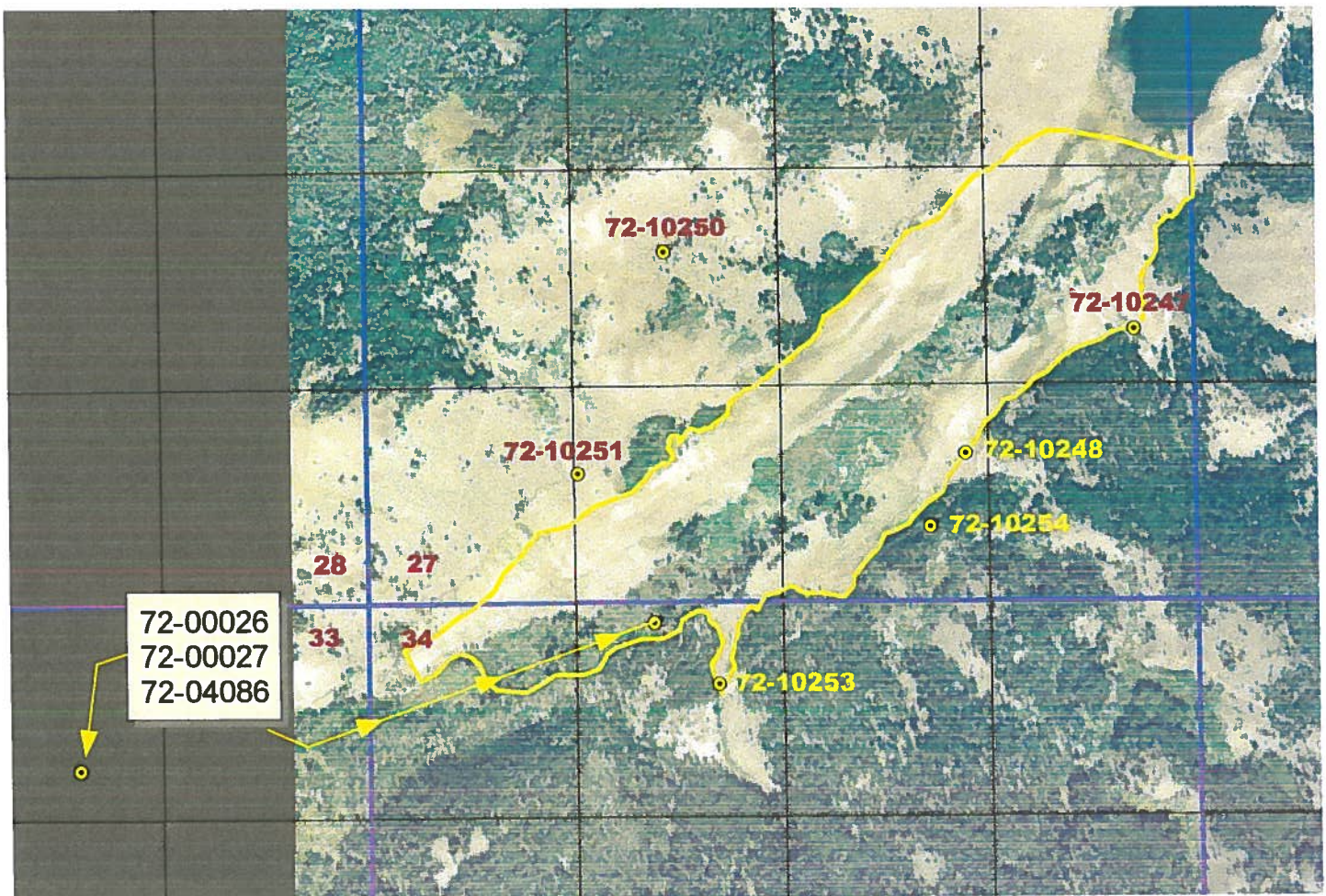
The two springs up at Mosquito Flat (72-10249 and 72-10252) are still being recommended for disallowal. If you disagree with any of our recommendations to the court, you may file an objection. The process will be explained with your Final Recommendation.

Sincerely,

Jeanie Robertson
Senior Water Resource Agent

IDAHO DEPARTMENT OF WATER RESOURCES

72-00026, 72-00027, 72-04086, 72-10247,
72-10248, 72-10250, 72-10251, 72-10253,
& 72-10254



0 660 1320 1980 Feet

RECOMMENDED PLACE OF USE
DATA ENTRY ON JAN.20, 1999
TWP 14N, R17E, SEC 27 & 34



- 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

AJ0749NP
NO. R72-00026

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

DATE: 01/13/99
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ROBERTA H GREEN	09/10/1910	IRRIGATION	04-01 10-31	2.20 CFS	

TOTAL DIVERSION: 2.20 CFS

Water Source: CHALLIS CREEK

Tributary to: SALMON RIVER

Stage: DECREED

Point(s) of Diversion:	T14N R17E S33 S34	SENN NNENN	CUSTER County CUSTER County
------------------------	----------------------	---------------	--------------------------------

Place of use Legal Description for: IRRIGATION

	NE	NE	SE	SE	SUM
	NE	NE	SE	SE	
T R S	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac	: Lt Ac
14N 17E 27	: 04	: 10	: 06	: 04	: 29
14N 17E 34	: 04	: 10	: 06	: 04	: 29
TOTAL ACRES					136.7

POU County: CUSTER

Other Rights: 72-00027 & 72-04086

Conditions of Approval:

- C16 - THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
- IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
- RIGHTS IN BASIN 72:
WATER RIGHT NO. SOURCE
- NONE
- THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
- IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
- RIGHTS IN THE SNAKE RIVER BASIN:
WATER RIGHT NO. SOURCE
- NONE
- ALL WATER RIGHTS WITHIN BASIN 72 ARE FROM CONNECTED SOURCES
- OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED
- CONJUNCTIVELY.

Remarks: QNT

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 7.40 CFS. COMBINED RIGHT NOS.: 72-00026,
72-00027, AND 72-04086.

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 136.7 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00026, 72-00027, 72-04086, 72-10247,
72-10248, 72-10250, 72-10251, 72-10253, & 72-10254.

GEN PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY SURVEY NO. 82.

AJ0749NP
No. R72-00026

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

DATE: 01/13/99
PAGE: 2

Remarks: EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH THE POINTS OF
DIVERSION DESCRIBED ABOVE: 72-00026, 72-00027, AND 72-04086.

Dates: Exam Made Date: Verified Date: 01/13/1999 Objection Filed Date:

Misc: Water District Number: 72C Field Inspection Flag:
Presumption Flag:

Comments: Date: 11/06/1992 User-ID: WORSTELL Subject: COPIED FROM REMARKS
P/U IS H. E. S. #82
P/U FOR ADJ. CLAIM TAKEN FROM 1:100,000 SCALE MAP AND MAY VARY
FROM THE ACRES GIVEN BUT THE TOTAL 156 ACRES IS CURRENT.
Date: 06/07/1994 User-ID: WORSTELL Subject: PLACE OF USE
THE TOTAL OWNERSHIP IS 156 ACRES WITH 75.5 BEING IRRIGATED.
Date: 11/21/1998 User-ID: AJU10-DS Subject: AJU10 CONDITION UPDATE
CONDITION CODE(S) C16 ADDED IF NOT ALREADY PART
OF RECORD THRU AJU10.
Date: 01/13/1999 User-ID: JROBERTS Subject: CHANGED POU
PER NOE, ADDED ACRES.

Audit: 01/13/99 JROBERTS

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: 72-00026

ROBERTA H GREEN
PO BOX 213
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):

2. Describe the changes you wish to make in the proposed recommendation:
*? amount of acres watered
more actual watered*

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

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

DATE: 12-9-97 SIGNATURE: Melissa DuBois for R. Green
Please print your name: Melissa DuBois

AJ0743NP
(00-124)

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

11/11/98 13:33:02
Page 1

Water Right Number - R72-00026

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***

GREEN

ROBERTA H

1 - PO BOX 213
2 -
3 -
City- CHALLIS
Phone - 208-879-2320
State- ID Zip- 83226
VERIFIED BY KKC
11-11-98

Priority Date - 09/10/1910 Region - 17 SOUTHERN D - DECREED Status -

Source - CHALLIS CREEK Tributary - SALMON RIVER

Twn	Rng	Sec	Tract	lot	Rflg	County	Point of Diversion
14N	17E	33	SE NW NE	618/177	(37)	CUSTER	
		34	NW NE NW	178	(37)	CUSTER	

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01	IRRIGATION	04/01	10/31		2.200	
+ - Total Div. Rate - + - Total Div. Volume - + - Total Consumptive Use - + - Km Usage - +						
2.200						

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
14N	17E	27	SE NE		3.9	01	IRRIGATION	(37) CUSTER
14N	17E	27	NE SW		0.2	01	IRRIGATION	(37) CUSTER
14N	17E	27	SW SW		4.2	01	IRRIGATION	(37) CUSTER
14N	17E	27	SE SW		19.0	01	IRRIGATION	(37) CUSTER
14N	17E	27	NE SE		19.0	01	IRRIGATION	(37) CUSTER
14N	17E	27	NW SE		18.0	01	IRRIGATION	(37) CUSTER
14N	17E	27	SW SE		17.0	01	IRRIGATION	(37) CUSTER
14N	17E	27	SE SE		0.6	01	IRRIGATION	(37) CUSTER
14N	17E	27	NE NW		2.1	01	IRRIGATION	(37) CUSTER
14N	17E	34	NW NW		4.3	01	IRRIGATION	(37) CUSTER

Total Acres: 88.3 ~ 817

+ - - Diversion Means - ROCK & EARTH CHECKS, DITCHES
+ - - Non-Irrigation Use -
+ - - Other Rights for Same Use - 72-00027 & 72-04086

Water right number - R72-00026

Prefix Translation: RESEARCH

Remarks: *See original record updated 11-11-98 KRC*

QNT USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 7.40 CFS. COMBINED RIGHT NOS.: 72-00026,
72-00027, AND 72-04086.

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 88.3 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00026, 72-00027, 72-04086, 72-10247,
72-10248, 72-10250, 72-10251, ~~72-10252~~, 72-10253, & 72-10254.

GEN PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY SURVEY NO. 82.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH THE POINTS OF
DIVERSION DESCRIBED ABOVE: 72-00026, 72-00027, AND 72-04086.

No Old Water Right Numbers Found

No Conditions of Approval found.

Decree Plaintiff - + Decree Defendant - + Decree Date - +
STEPHENS, ET.AL. SHAW, ET.AL. 10/09/1911

Date: 11/06/1992 User Id: WORSTELL Subject: COPIED FROM REMARKS P/U FOR ADJ. CLAIM TAKEN FROM 1:100,000 SCALE MAP AND MAY VARY
P/U IS H. E. S. #82
FROM THE ACRES GIVEN BUT THE TOTAL 156 ACRES IS CURRENT.
Date: 06/07/1994 User Id: WORSTELL Subject: PLACE OF USE
THE TOTAL OWNERSHIP IS 156 ACRES WITH 75.5 BEING IRRIGATED.

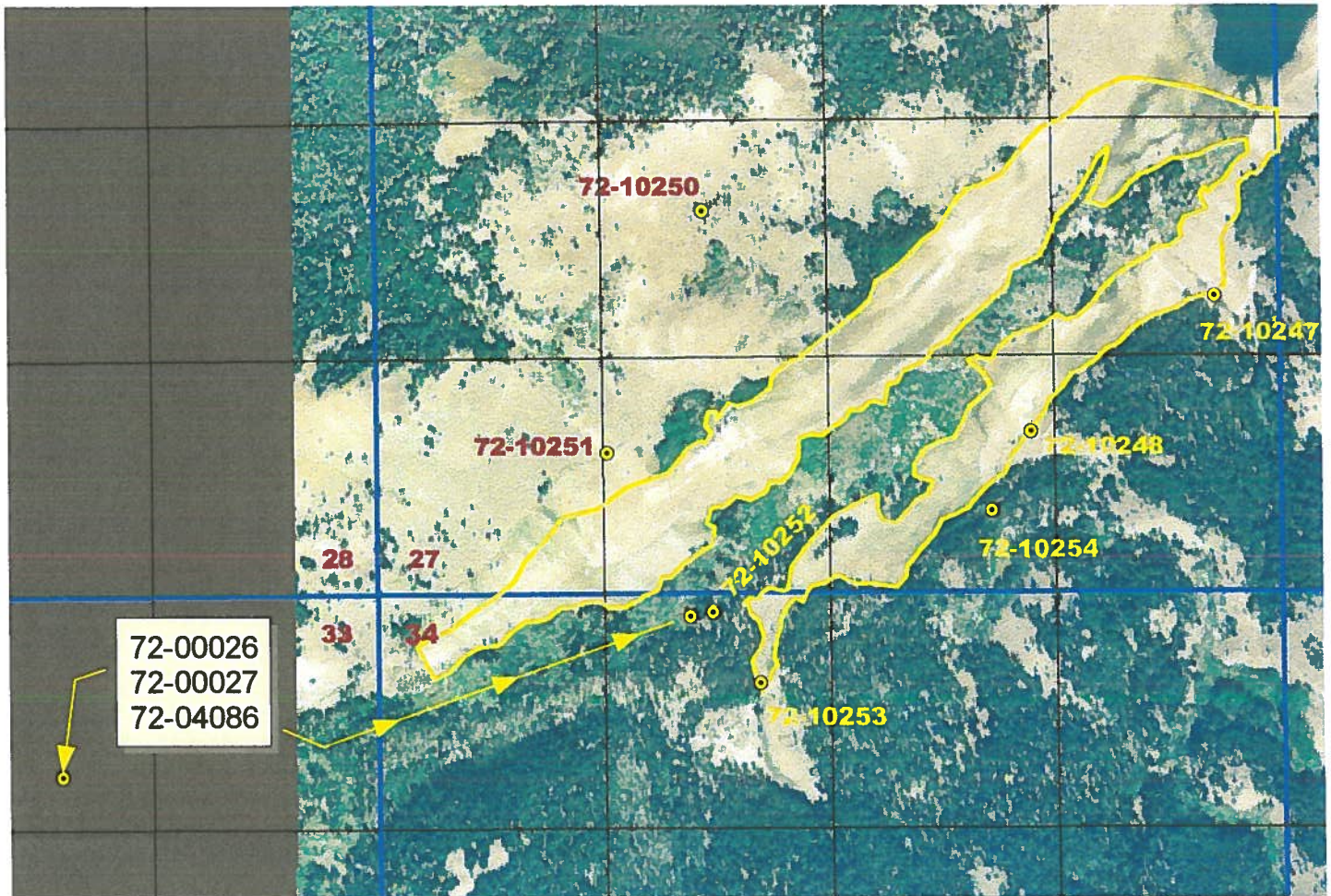
Audit Fields - +
11/11/98 KCHRISTE

Adjudication Rights Dates and Flags Area			
Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000
Claim Received Date	- 11/16/1989	Last Amended Date	- 00/00/0000
		Receipt Number	- M005227
		POU Ownership Flag	- Y
		Name Connector	-
		Federal/State Indicator	- S
		Presumption Flag	-
		Notice of Error Flag	-

39576

IDAHO DEPARTMENT OF WATER RESOURCES

72-00026, 72-00027, 72-04086, 72-10247,
72-10248, 72-10250, 72-10251, 72-10252,
72-10253 & 72-10254



0 660 1320 Feet

RECOMMENDED PLACE OF USE
DATA ENTRY ON OCT. 27, 1998
TWP 14N, 17E, SEC. 27 & 34

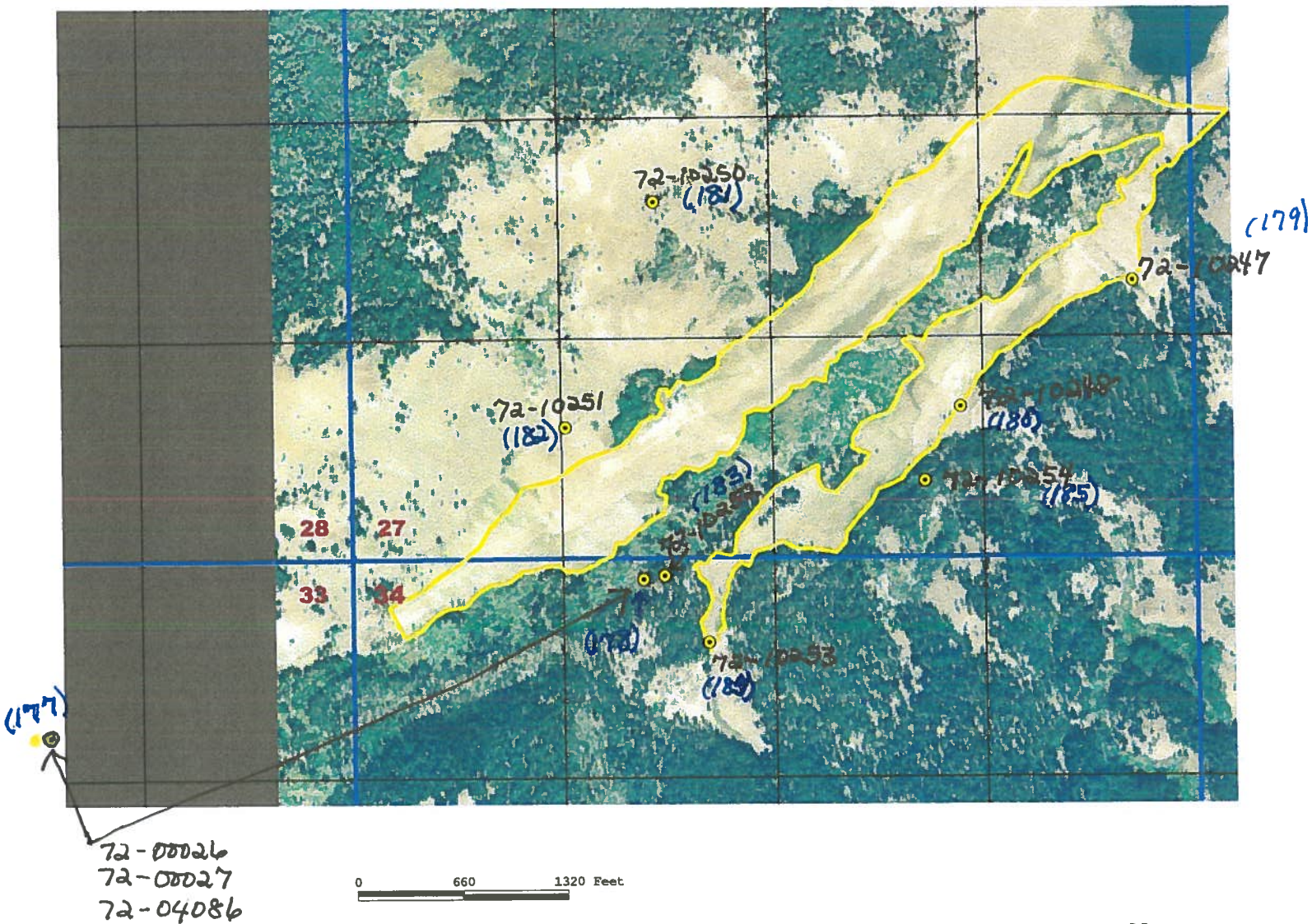


-  RECOMMENDED PLACE OF USE
-  RECOMMENDED POINT OF DIVERSION
-  SECTION LINES
-  QUARTER QUARTER LINES

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

IDAHO DEPARTMENT OF WATER RESOURCES

72-00026, 72-00027, 72-04086, 72-10247,
72-10248, 72-10250, 72-10251, 72-10252,
72-10253 & 72-10254



- 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 NUMBER 72-00026, 72-00027, 72-04086, 72-10247, 72-10248, 72-10250, 72-10251, 72-10252, 72-10253, 72-10254 DATE 10/27/98 AGENT JK

TRANSFER NUMBER _____ CLAIMED ACRE TOTAL 156 GIS ACRE TOTAL 88.3
136.4

	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	17E	27			1	6					1		15	40	20	25	30		138
GIS	14N	17E	27			0	3.9					.2		4.2	19	19	18	17	.6	81.9
RECOM	14N	17E	27				3.9					.2		4.2	19	19	18	17	.6	81.9
						8	2.4					.2		4.3	29	30	22.6	28.7	.18	120.6
																	23	29	.7	
CLAIM	14N	17E	34					10	8											18
GIS	14N	17E	34					2.1	4.3											6.4
RECOM	14N	17E	34					2.1	4.3											6.4
								9.6	6.5											16.5
								10												
CLAIM																				
GIS																				
RECOM																				

B72-DBPOU.SHP 72-00026, 72-00027, 72-04086
SHAPE NOS. I accept the system capacity as noted by Bob Worstell as the limiting factor for the Rate recommendation for these rights.
317
B72-DBPOD.SHP All other rights OK also. KKC 11-11-98

NOS. DESCRIPTION
177 14N, 17E, 33 SENWNE
178 14N, 17E, 34 NWNENW 72-00026, 72-00027, 72-04086
179 14N, 17E, 27 SEWSE (72-10247)
180 14N, 17E, 27 NESWSE (72-10248)
181 14N, 17E, 27 NWNESW (72-10250)
182 14N, 17E, 27 NWSESW (72-10251)
183 14N, 17E, 34 NWNENW (72-10252)
184 14N, 17E, 34 NENENW (72-10253)
185 14N, 17E, 27 SESWSE (72-10254)

Master updated 1-20-99 JK

DBF TABLES UPDATED

B72-DBPOU.DBF ☒
B72-DBPOD.DBF ☒
JPEG LAYOUT ☒

R PROOF



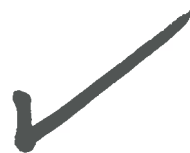
CVR



MAPS



PHOTOS



MISC



MICROFILMED

MAR 17 1993

Water Right Number - R72-00026

Prefix Translation:

RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
GREEN

ROBERTA H.

1 - P.O. BOX 213
2 -
3 -
City- CHALLIS
Phone - 208-879-2320

State- ID Zip- 83226

Priority Date - - +
09/10/1910

Region - - - +
17 SOUTHERN

D - DECREED

Status - - - +

Source - - - - +
CHALLIS CREEK

Tributary - - - - +
SALMON RIVER

Twn Rng Sec Tract Lot Rflg County Point of Diversion - - - - +

14N 17E 27 SE SE SW (37) CUSTER
33 SW NE NE (37) CUSTER

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

01 - IRRIGATION

04/15 09/01

2.200

Total Div. Rate - + Total Div. Volume - +
2.200

Total Consumptive Use - +

189.0

Twn Rng Sec Tract Lot Acres Place of Use Code Description County

14N	17E	27	SE NE	8.1	01	IRRIGATION	(37)	CUSTER
14N	17E	27	NE SW	0.1	01	IRRIGATION	(37)	CUSTER
14N	17E	27	SW SW	1.9	01	IRRIGATION	(37)	CUSTER
14N	17E	27	SE SW	15.9	01	IRRIGATION	(37)	CUSTER
14N	17E	27	NE SE	18.4	01	IRRIGATION	(37)	CUSTER
14N	17E	27	NW SE	14.3	01	IRRIGATION	(37)	CUSTER
14N	17E	27	SW SE	13.2	01	IRRIGATION	(37)	CUSTER
14N	17E	34	NE NW	1.5	01	IRRIGATION	(37)	CUSTER
14N	17E	34	NW NW	2.1	01	IRRIGATION	(37)	CUSTER

Total Acres: 75.5

+ - - Diversion Means - ROCK & EARTH CHECKS, DITCHES
+ - - Non-Irrigation Use -
+ - - Other Rights for Same Use - 72-00027 & 72-04086

MICROFILMED
OCT 31 1984

Water right number - R72-00026

Prefix Translation: RESEARCH

REMARKS
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 7.4 CFS, A TOTAL COMBINED
ANNUAL CONSUMPTIVE USE VOLUME OF 189 AF, AND TO THE IRRIGATION
OF A COMBINED TOTAL OF 75.5 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00027 & 72-04086
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 72-00027 & 72-04086.
THIS RIGHT IS LIMITED TO THE IRRIGATION OF 75.5 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.

No Old Water Right Numbers Found

Conditions of Approval
No Conditions of Approval found.

Decree Plaintiff
STEPHENS, ET.AL.

Decree Defendant
SHAW, ET.AL.

Decree Date
10/09/1911

Comments
Date: 11/06/1992 User Id: WORSTELL Subject: COPIED FROM REMARKS P/U FOR ADJ. CLAIM TAKEN FROM 1:100,000 SCALE MAP AND MAY VARY
P/U IS H. E. S. #82
FROM THE ACRES GIVEN BUT THE TOTAL 156 ACRES IS CURRENT.
Date: 06/07/1994 User Id: WORSTELL Subject: PLACE OF USE
THE TOTAL OWNERSHIP IS 156 ACRES WITH 75.5 BEING IRRIGATED.

Audit Fields
06/07/94 WORSTELL

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 - Verified Date - 06/07/1994 Old Case Number -
Response Filed Date - 00/00/0000 Last Amended Date - 00/00/0000 Old Judicial District -
Claim Received Date - 11/16/1989 Receipt Number - M005227 Temporary Right - P
POU Ownership Flag - Y Water District - 72C
Name Connector - Federal/State Indicator - S
Notice of Error Flag - D

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

03:17:59
05/30/92

PAGE: 12
QUICKLOOK INFORMATION

CLAIM NUMBER: A72-00026

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		Ar.D. 8/23/93	N			Ar.D. 5/24/94	6/7/94 R/VW
SOURCE				Y N	4			
PLACE OF USE	Y			Y N	4, 6, 5			
DIV. AMOUNT CFS/VOLUME				N				
CONSUMPTIVE USE	-			N				
PURPOSES				N				
PERIOD OF USE	Y			Y	6			
BASIS OF CLAIM				N				
REMARKS	Y			Y				

VERIFIED BY CODES

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

116 614660

Homestead Entry Survey #82

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 31 1994

03:17:59
05/30/92

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A72-00026

LAST: GREEN
ADDRESS: P.O. BOX 213
CITY: CHALLIS
PHONE NUMBER: 208-879-2320

FIRST: ROBERTA H.

STATE: ID ZIP: 83226

OWNER CODE: C

FIELD EXAM REQUIRED?

DATABASE
FIELD
EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

CLAIM REMARKS:

P/U IS H. E. S. #82
P/U FOR ADJ. CLAIM TAKEN FROM 1:100,000 SCALE MAP AND MAY VARY
FROM THE ACRES GIVEN BUT THE TOTAL 156 ACRES IS CURRENT.

FIELD EXAMINATION INFORMATION

CONTACT PERSON:

ROBERTA GREEN

PHONE NUMBER: () -

DATE OF FIELD EXAM: 8/23/93

APPOINTMENT MADE: Y () N ()

TIME: : A () P ()

ACCOMPANIED BY:

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / REMARKS:

Mrs. Green showed me how to reach the diversion point^{tya}
and structures and measurement weirs for both ditches.
This claim is for irrigation of mountain summer pasture land.
She changes water about 2 times a week during mid to
late summer. The irrigation is flood irrigation from open
ditches controlled and distributed by movable plastic dams.

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A. AJ CLAIM: # A72-00026 PRIORITY DATE: 09-10-1910 STAGE: D

B. WR RECORD: # 72-00026 PRIORITY DATE: 09-10-1910 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: *Priority date listed in the decree.*

RECOMMENDED PRIORITY DATE:

09-10-1910

REVIEWED BY *G.V.D.* DATE *11/6/92*

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY	CUSTER
A72-00026	14N	17E	33	NE 1	SW 2	NW 2			CUSTER
A72-00026	14N	17E	34	NE	NW	NW			CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD
 A PREFIX R PREFIX
 A72-00027
 A72-04086
 NONE
 WR RECORDS IN SAME 40 ACRE TRACT
 72-04026

SOURCE: CHALLIS CREEK

TRIB: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

A72-00026 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	Y

REMARKS:

This is an unsurveyed area. Points of diversion locations were determined by overlaying a plot of Homestead Entry Survey #82 on Forest Service aerial photos that showed the points of diversion and determining the tract descriptions. Tract descriptions in claim were taken from a small 1 to 100,000 scale Forest Service map

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:	1/4	1/4	1/4	LOT	COUNTY
IMP. RGE. SEC.	SW	NE	NE		Custer
14N 17E 33	SW	NE	NE		Custer
27	SW	NE	NE		Custer
SOURCE: CHALLIS CREEK	SW	NE	NE		Custer
IRIE: SALMON RIVER	SW	NE	NE		Custer
REVIEWED BY: <i>J. H. H.</i>				DATE: 5/25/94	

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OCT 31 1994

A. ROOT WATER RIGHT NUMBERS: A72-00026

B. FOU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
14N	17E	27	SW	NE		GREEN, ROBERTA H.	A72-00026 / 1.0	-	/	6	0
			SW	NE		GREEN, ROBERTA H.	A72-00027 / 1.0	-	/		
			SW	NE		GREEN, ROBERTA H.	A72-04086 / 1.0	-	/		
			SW	NE		GREEN, ROBERTA H.	A72-10249 / 3.0	-	/		
14N	17E	27	SE	NE		GREEN, ROBERTA H.	A72-00026 / 6.0	-	/	8.1	8.1
			SE	NE		GREEN, ROBERTA H.	A72-00027 / 6.0	-	/		
			SE	NE		GREEN, ROBERTA H.	A72-04086 / 6.0	72-04086	/		
			SE	NE		GREEN, ROBERTA H.	A72-10249 / 6.0	-	/		
			SE	NE		FISH & GAME	A72-02149D /	-	/		
14E	17E	27	NE	SW		GREEN, ROBERTA H.	A72-00026 / 1.0	-	/	2.1	0.1
			NE	SW		GREEN, ROBERTA H.	A72-00027 / 1.0	-	/		
			NE	SW		GREEN, ROBERTA H.	A72-04086 / 1.0	-	/		
14N	17E	27	SW	SW		GREEN, ROBERTA H.	A72-00026 / 15.0	-	/	1.9	1.9
			SW	SW		GREEN, ROBERTA H.	A72-00027 / 15.0	-	/		
			SW	SW		GREEN, ROBERTA H.	A72-04086 / 15.0	-	/		
14N	17E	27	SE	SW		GREEN, ROBERTA H.	A72-00026 / 40.0	-	/	15.9	15.9
			SE	SW		GREEN, ROBERTA H.	A72-00027 / 40.0	-	/		
			SE	SW		GREEN, ROBERTA H.	A72-04086 / 40.0	72-04086	/		
			SE	SW		GREEN, ROBERTA H.	A72-10250 /	-	/		
			SE	SW		GREEN, ROBERTA H.	A72-10251 / 1.0	-	/		
14N	17E	27	NE	SE		GREEN, ROBERTA H.	A72-00026 / 20.0	-	/	18.4	18.4
			NE	SE		GREEN, ROBERTA H.	A72-00027 / 20.0	-	/		
			NE	SE		GREEN, ROBERTA H.	A72-04086 / 20.0	72-04086	/		
			NE	SE		GREEN, ROBERTA H.	A72-10247 / 10.0	-	/		
			NE	SE		GREEN, ROBERTA H.	A72-10249 / 5.0	-	/		
14N	17E	27	NW	SE		GREEN, ROBERTA H.	A72-00026 / 25.0	-	/	14.3	14.3
			NW	SE		GREEN, ROBERTA H.	A72-00027 / 25.0	-	/		
			NW	SE		GREEN, ROBERTA H.	A72-04086 / 25.0	72-04086	/		
			NW	SE		GREEN, ROBERTA H.	A72-10249 / 6.0	-	/		
14N	17E	27	SW	SE		GREEN, ROBERTA H.	A72-00026 / 30.0	-	/	13.2	13.2
			SW	SE		GREEN, ROBERTA H.	A72-00027 / 30.0	-	/		
			SW	SE		GREEN, ROBERTA H.	A72-04086 / 30.0	72-04086	/		
			SW	SE		GREEN, ROBERTA H.	A72-10254 / 1.0	-	/		
14N	17E	34	NE	NW		GREEN, ROBERTA H.	A72-00026 / 10.0	-	/	1.5	1.5
			NE	NW		GREEN, ROBERTA H.	A72-00027 / 10.0	-	/		
			NE	NW		GREEN, ROBERTA H.	A72-04086 / 10.0	72-04086	/		

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TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
			NE	NW		GREEN, ROBERTA H.	A72-10252 A72-10253	71.0 / 1.0	-	/	
			NW	NW		GREEN, ROBERTA H.	A72-00026 A72-00027	78.0 / 8.0	-	/	2.1
			NW	NW		GREEN, ROBERTA H.	A72-04086	/ 8.0	72-04086	/	2.1
TOTAL ACRES							A72-00026	156.00			101.6 75.5

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N (✓)

75.5

C. FIELD EXAM REQUIRED?

DATABASE Y FIELD EXAMINER Y

POU COUNTY: CUSTER

DUE TO POU DISCREPANCY? (Y/N)

PRESUMPTION FLAG: D

REMARKS:

Acrees claimed were for total acres ruined based on small 1:100,000 scale Forest Service Map. Recommended acres are based on plot of Homestead Entry Survey #82 ^{overlay} Forest Service Aerial ~~Survey~~ Photo of the area to determine the scale and the 1/4, 1/4 tracts. Also on a field exam and photos of the valley

RECOMMENDATIONS:

TOTAL ACRES:

~~101.6~~ 75.5

REVIEWED BY:

[Signature]

DATE:

5/25/94

Decree 72-00026 is for 110ac. in secs. 13, 23, + 24

" " " 2.2 cfs (0.02 cfs/ac)

Claim A72-00026 is combined with claims A72-00027 + 72-00028

W/F 72-00026 represents the SW Part and 72-00027 represents the NE part

NE part

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OCT 1994

A. AJ CLAIMED USES:

PURPOSES
A72-00026 IRRIGATION

MONTH/DAY
FROM ~~04 01~~ ^{4/15} ~~10 09 01~~ ^{9/1}
TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
2.200 CFS
2.200 CFS

B. WR RECORDED USES:

PURPOSES
72-00026 IRRIGATION

MONTH/DAY
FROM TO
TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
2.200 CFS
2.200 CFS

ASSUMPTION FLAG: D

C. FIELD EXAM REQUIRED?

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

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OCT 31 1994

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y() N()

AJ TOTAL CLAIMED DIVERSION RATE: 2.200 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 2.200 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: A72-00027, A72-04086

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-00026	CHALLIS CREEK	GREEN , ROBERTA H.	2.200	0.014		
A72-00027	CHALLIS CREEK	GREEN , ROBERTA H.	0.700	0.004		
A72-04086	CHALLIS CREEK	GREEN , ROBERTA H.	8.000	0.051		
A72-10247	SPRING	GREEN , ROBERTA H.	0.400	0.040		
A72-10249	SPRING	GREEN , ROBERTA H.	1.000	0.050		
A72-10250	SPRING	GREEN , ROBERTA H.	0.200	0.200		
A72-10251	SPRING	GREEN , ROBERTA H.	0.200	0.200		
A72-10252	SPRING	GREEN , ROBERTA H.	0.200	0.200		
A72-10253	SPRING	GREEN , ROBERTA H.	0.200	0.200		
A72-10254	SPRING	GREEN , ROBERTA H.	0.200	0.200		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A72-02149D	FISH PROP. STORAGE	FISH & GAME	FROM 01-01 TO 12-31		224.00 AF/A

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D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

13. IRRIGATION RATE

ACRES ~~101.6~~ ^{1.51} x 0.02 CFS/ACRE = ~~2.03~~ CFS
(Taken from p/u review) ^{75.5}

1b. CALCULATIONS

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

See HUBBLE ANALYSIS SHEETS

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 390.0 AF/A

ACRES ~~101.6~~ ^{75.5} x CONSUMPTIVE VOL. AF/A FOR AREA ~~2.5~~ =

TOTAL CONSUMPTIVE USE ~~254.4~~ ^{188.75} AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A ^{N/A}

ACRES ~~101.6~~ ^{75.5} x DIVERSION VOL. AF/A FOR AREA ~~2.5~~ =

TOTAL DIVERSION VOLUME ~~254.4~~ ^{188.75} AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y(☐) N(☐)

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

Irrigated acres reduced from 101.6 acres to 75.5 acres when un-irrigated area was noted on photos of Mosquito Flat Valley

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RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

IRRIGATION

DATABASE
2.200

EXAMINER
2.2

DATABASE

EXAMINER

DATABASE
390.0

EXAMINER
254

TOTAL FOR THIS RIGHT

~~04-01~~
4/15

09-01
As claimed

2.200

2.2

N/A

390.0

254

REVIEWED BY:

S.V. 2/1

DATE:

5/25/94

As Decreed.

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OC 31 1994

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FORFEIT/ABANDON
ADDITIONAL DIV. ABANDON

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

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-00026

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
2.200

EXAMINER

CFS

N/A

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

- A72-00026

2.200

-

72-00026

2.200

TOTAL CFS

2.200

2.200

DIVERSION RATE REVIEW

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

DATABASE

Y

FIELD
EXAMINER

Y

REMARKS:

AUTHENTICATION:

SIGNATURE:

Robert D. Werstell

DATE:

5/24/94

NAME OF FIELD EXAMINER:

ROBERT WERSTELL

TITLE:

Sr. Adjudication Agent

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JUN 11 1984

POOR ORIGINAL

22/27
27/26

Mosquito Flat Reservoir

Property Boundaries
HES #82

20/27
33/34

31/32
31/33

TAN
RITE

MICROFILMED

OCT 31 1974

Approx Scale
1" = 1085'

Base Map - Enlarged Copy of
USDA Forest Service Aerial Photo
Hb 614060

72-00026

POOR ORIGINAL

Mosquito Flat
Reservoir



14 N.

Approx. Scale
1" = 980'

HE3 E2

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Plot of Homestead
Entry Survey #82

OCT 31 1981

72-00026

72-00026

et

POOR ORIGINAL



R16-4
8/26/93

R16-3
8/26/93

View of Mosquito Flat Valley Taken from the Forest Service Road in the NW $\frac{1}{4}$, SW $\frac{1}{4}$ sec 26. View Looking West by SW.

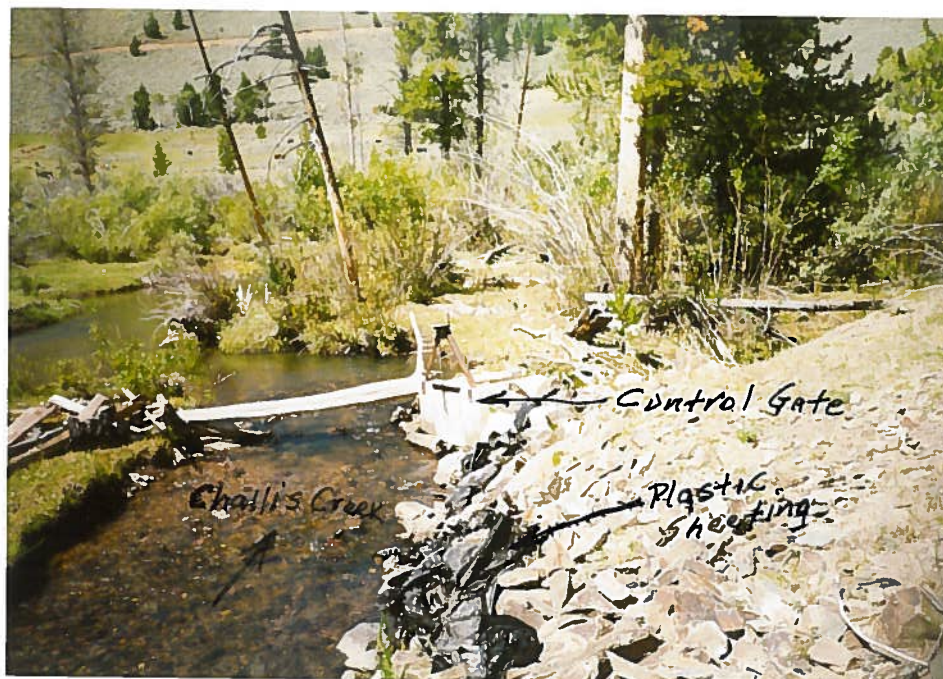


R16-2
8/26/93
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Another View of Mosquito Flat Valley

72-00026

etc



POOR ORIGINAL

R15-7
8/17/93

Diversion point from Challis Creek to ditch
around the Southeast edge of irrigated land
in Mosquito Flat Valley



R15-6
8/17/93

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Flow measuring structure below the above diversion
of water to ditch as above.

92-00026

etc



POOR ORIGINAL

R15-8
8/17/93

Rock, Log + Plastic check Dam to divert Challis
Creek Flow to ditch around the Northwest edge of the irrigated land
in Mosquito Flat Valley



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R15-10
8/17/93

View upstream at control gate structure at above diversion point

72-00026

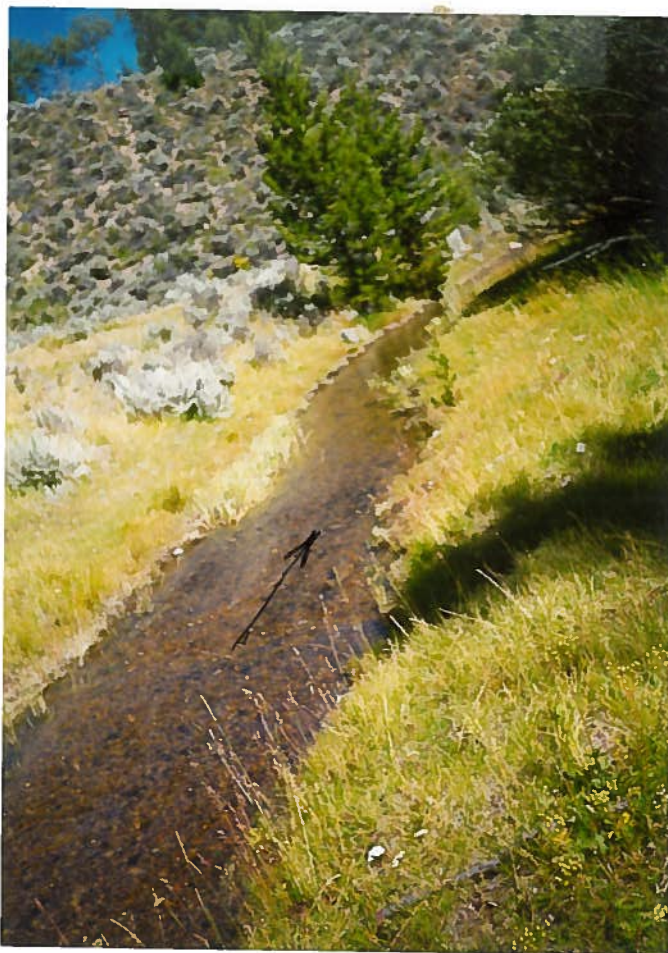
etc



POOR ORIGINAL

R15-9
8/17/93

Measuring structure below control gate structure shown in photo R15-10
Measures flows in ditch serving the
irrigated pasture land in the
Northwest portion of Mosquito
Flat Valley.



View of head end of irrigation channel
serving the Northwest part of
irrigated pastures in Mosquito Flat
Valley. Taken downstream from
culvert under logging road.

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R15-11
8/17/93

GRADED BORDER EVALUATION

Job name: A72-00026, A72-00027
By: RVW

Location: WV1/WC1 SOIL, 26 ACRES
Date: May 28, 1994

*
Area SE of
Challis Creek
Channel

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0400 ft/ft Border width (W)= 422 ft
Net application (Fn)= 2.60 inches Border length (L)= 269 ft
Inflow time (Ti)= 72 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
3.40	Gross depth is less than required	gross application depth				
3.41	Gross depth is less than required	gross application depth				
3.42	Gross depth is less than required	gross application depth				
3.43	Gross depth is less than required	gross application depth				
3.44	Gross depth is less than required	gross application depth				
3.45	Gross depth is less than required	gross application depth				
3.46	0.008	94.80	92.03	0.17	2.7	(4)
3.47	0.008	95.08	92.03	0.45	2.7	(4)
3.48	0.008	95.35	92.03	0.72	2.7	(4)
3.49	0.008	95.63	92.03	1.00	2.7	(4)
3.50	0.008	95.90	92.03	1.27	2.7	(4)
3.51	0.008	96.17	92.03	1.54	2.7	(4)
3.52	0.008	96.45	92.03	1.82	2.7	(4)
3.53	0.008	96.72	92.03	2.09	2.7	(4)
3.54	0.008	97.00	92.03	2.37	2.7	(4)
3.55	0.008	97.27	92.03	2.64	2.7	(4)
3.56	0.008	97.54	92.03	2.91	2.7	(4)
3.57	0.008	97.82	92.03	3.19	2.7	(4)
3.58	0.008	98.09	92.03	3.46	2.7	(4)
3.59	0.009	98.37	92.03	3.74	2.6	(4)
3.60	0.009	98.64	92.03	4.01	2.6	(4)

(4) Less than minimum recommended depth of flow.

* No soil survey in this area. Soil classification estimated from bottom land soils along Challis Creek downstream where soil survey information is available.

Hubble Analysis

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OCT 31 1994

CLAIM NO. --- A72-00026,A72-00027 Lotus Program:
 AGENT ----- RVW IRR-PRAC.WK3
 DATE ----- 05/28/94 Date form revised:
 4/21/93 by KKC

 SOIL CHARACTERISTICS

Soil Type = WC1-WV1 BIGLOST SILT 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	5	0.18	0.2	6.6	7.8	2	3	1	2.28	2	0.55
5	26	0.18	0.2	6.6	7.8			2	2.47		
26	60	0.02	0.03	6.6	7.8			3	5.19		
								4	5.49	alternate	
								5	5.79	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	4218	0		
				IRRIGATION DAYS	30			
				DRY DAYS	0			
				SET TIME(hours)	72			
				CALCULATED RUN (run = acres*43560/width)				
				RUN =	269			
				CALCULATED BORDER WIDTH (ditch length/irr days * cha				
				WIDTH =	422			
				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD =	2.6			
				ROTATION =	11.3 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	26	FLOOD	12.7		1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA		FLOOD	12.7		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary 26 13 1.47 3.84 4.87 5.86 4.56 3.23 2.07
 Peak Net Irrigation Requirement (mm/day) = 5.86

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

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 OCT 31 1994

GRADED BORDER EVALUATION

Job name: **A72-00026**, A72-00027
By: RVW 5/28/94

Location: WV1/WC1-SOIL 48 ACRES
Date: May 28, 1994

** Area NW of Challis Creek Channel.*

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0300 ft/ft Border width (W)= 528 ft
Net application (Fn)= 2.60 inches Border length (L)= 396 ft
Inflow time (Ti)= 72 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
6.25	Gross depth is less than required	gross application depth				
6.26	Gross depth is less than required	gross application depth				
6.27	Gross depth is less than required	gross application depth				
6.28	Gross depth is less than required	gross application depth				
6.29	Gross depth is less than required	gross application depth				
6.30	Gross depth is less than required	gross application depth				
6.31	Gross depth is less than required	gross application depth				
6.32	Gross depth is less than required	gross application depth				
6.33	Gross depth is less than required	gross application depth				
6.34	Gross depth is less than required	gross application depth				
6.35	Gross depth is less than required	gross application depth				
6.36	Gross depth is less than required	gross application depth				
6.37	0.012	94.76	92.03	0.13	2.7	(4)
6.38	0.012	94.91	92.03	0.28	2.7	(4)
6.39	0.012	95.06	92.03	0.43	2.7	(4)
6.40	0.012	95.21	92.03	0.58	2.7	(4)
6.41	0.012	95.36	92.03	0.72	2.7	(4)
6.42	0.012	95.50	92.03	0.87	2.7	(4)
6.43	0.012	95.65	92.03	1.02	2.7	(4)
6.44	0.012	95.80	92.03	1.17	2.7	(4)
6.45	0.012	95.95	92.03	1.32	2.7	(4)
6.46	0.012	96.10	92.03	1.47	2.7	(4)
6.47	0.012	96.25	92.03	1.62	2.7	(4)
6.48	0.012	96.40	92.03	1.77	2.7	(4)
6.49	0.012	96.55	92.03	1.91	2.7	(4)
6.50	0.012	96.69	92.03	2.06	2.7	(4)

(4) Less than minimum recommended depth of flow.

** No soil survey available in this area. Soil classification estimated from bottomland soils along Challis Creek downstream where soil survey information is available.*

HUBBLE Analysis

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OCT 31 1994

CLAIM NO. --- A72-00026, A72-00027
AGENT ----- RVW
DATE ----- 05/28/94Lotus Program:
IRR-PRAC.WK3
Date form revised:
4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = WC1-WV1 BIGLOST SILT 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			
0	5	0.18	0.2	6.6	7.8	2	3	1	2.28	flood 2
5	26	0.18	0.2	6.6	7.8			2	2.47	furrow 0.55
26	60	0.02	0.03	6.6	7.8			3	5.19	
								4	5.49	alternate
								5	5.79	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	5280	0		
				IRRIGATION DAYS	30			
				DRY DAYS	0			
				SET TIME(hours)	72			
				CALCULATED RUN (run = acres*43560/width)				
				RUN =	396			
				CALCULATED BORDER WIDTH (ditch length/irr days * cha				
				WIDTH =	528			
				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD =	2.6			
				ROTATION =	11.3 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)						
				mar	apr	may	jun	jul	aug	sep
PASTURE	48	FLOOD	12.7	1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA		FLOOD	12.7	1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary	48		13	1.47	3.84	4.87	5.86	4.56	3.23	2.07
Peak Net Irrigation Requirement (mm/day) =				5.86						

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

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