

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: **A72-00109F**  
Date Received: 7/ 2/1990  
Receipt No: X777777  
Received By: \_\_\_\_\_

**COPY FOR  
YOUR FILES**

**NOTICE OF CLAIM TO A WATER RIGHT  
ACQUIRED UNDER STATE LAW**

**COPY FOR  
YOUR FILES**

1. Name: CHRISTOPHER W. JAMES TRUST 208-879-2729  
Address: C/O CHRISTOPHER JAMES TRUSTEE  
P.O. BOX 1190  
CHALLIS ID 83226

2. Date of Priority: MAY 15, 1888

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

4. Point of Diversion:

| Township | Range | Section | 1/4 of 1/4 of 1/4 | Lot | County |
|----------|-------|---------|-------------------|-----|--------|
| 13N      | 18E   | 2       |                   |     | CUSTER |

5. Description of diverting works:  
HEADGATE, DITCH, 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 | 0.320 |      |        |

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

| Township | Range | Section | 1/4 of 1/4 | Lot | Use | Acres |
|----------|-------|---------|------------|-----|-----|-------|
| 13N      | 18E   | 2       | SW NW      |     | IRR | 27.0  |

Section Acres 27.0

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**NOV 01 1994**

10. Place of Use: Continued

Total Acres 27.0

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:  
A72-04174, 00106B, 10486

14. Remarks:  
PORTION OF 72-00109 DECREE.  
~ 51 ACRES ACTUAL IRRIGATION ALONG GARDEN CREEK.  
\*\*\*\*\*  
OWNERSHIP CHANGE 5/24/91 BY AA.  
OWNERSHIP CHANGE CAUSING A SPLIT RIGHT 8-23-94 KKC.  
CLAIM SPLIT INTO A72-00109F FOR 9/25ths OF .88CFS OR .32CFS  
AND A72-00109G FOR 16/25ths OF .88CFS OR .56CFS.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: 5/19/1914

ADAMS, ET. AL.  
Decree Plaintiff

VANDERVOORT, ET. AL.  
vs Decree Defendant

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NOV 01 1994

RECEIVED

**JUN 09 1994**

Department of Water Resources

**Southern Region Office**

Section 2, Block 1, Subdivision/Townsite 1

If you have additional legal descriptions, please attach separate sheet.

- [ ] Served Only by a Public Service Water Supply (all water is received from a city or company who maintains water supply system, owns the water right, and bills the customer on a regular basis)
- [ ] Water Right Number(s) Assigned by IDWR: A72-04174  
A72,00109C, A72-10486, A72-16274
- [ ] Name and Address of Former Owner/Claimant(s)(Seller): Christopher W. JAMES Trust UDT 2/9/79  
Christopher W. JAMES & DEBRA E JAMES, co trustees  
Box 1190, Challis, ID 83226
- [ ] New Owner/Claimant (Purchaser): FirstFruits Foundation UDT 9/29/86
- [ ] New Mailing Address: PO Box 1190  
Challis, ID 83226
- [ ] New Telephone Number: (208) 879-2729
- [ ] Does the change in ownership result in a splitting of the water right owned/claimed? yes no  
If yes, then describe the portion of the water right that is now owned/claimed by the new owner:  
A72-00109C transfer .30, retain balance  
A72-10486 transfer .20, retain .30  
A72-16274 transfer att. only. adjudicated according to  
irrigated place of use as discussed 8/13/94. CWJ
- [ ] Attach proof of ownership, describe proof attached: \_\_\_\_\_  
(proof of ownership must describe either the property conveyed or include the claim number. Proof of ownership is not required if this form is signed by the former owner/claimant.)
- [ ] Signature of New Owner/Claimant(s) Christopher W. James, co tt. Date 6/8/94  
Debra E. James, co tt. Date 6/8/94
- [ ] Signature of Former Owner/Claimant(s): Christopher W. James, co tt. Date 6/8/94  
Debra E. James, co tt. Date 6/8/94

(Signature of former claimant(s) is not required if proof of ownership is attached.)

**Claim Numbers of Split, if any:**

NOV 01 1994

Original to be mailed to Idaho Department of Water Resources  
Copies to Former Owner and New Owner



**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**

---

December 15, 1998

**PHILIP E. BATT  
GOVERNOR**

**KARL J. DREHER  
DIRECTOR**

CHRISTOPHER JAMES  
PO BOX 1190  
CHALLIS ID 83226

RE: SNAKE RIVER BASIN ADJUDICATION CLAIMS HELD BY  
CHRISTOPHER JAMES TRUST AND FIRSTFRUITS FOUNDATION

Dear Christopher

I have enclosed two transfer forms with attachments for your use. If you have any questions concerning those forms please contact this office and ask for an allocations agent. I have also enclosed GIS layouts of your property showing the current recommendations. You can use that map to identify the areas being dried up and the new place of use.

I have also enclosed a change of ownership form and a profile report for the 'Dewey' claim. If you have any questions concerning this claim please contact me. A layout is also included for this property as you indicated that it was probably to be included in the transfer process.

Good luck in the paper trail concerning your developments on your property.

Sincerely

Kelly K Christensen  
Senior Water Resource Agent  
Enclosures

Water Right Number - R72-00109F

Prefix Translation: RESEARCH

Old (D) Number -

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

## \*\*\* C - CURRENT OWNER \*\*\*

JAMES TRUST

CHRISTOPHER W

1 - CHRISTOPHER JAMES TRUSTEE

2 - PO BOX 1190

3 -

City- CHALLIS

State- ID Zip- 83226

Phone - 208-879-2729

## \*\*\* O - ORIGINAL OWNER \*\*\*

US DEPT OF AGRICULTURE

1 - FARMERS HOME ADMINISTRATION

2 - % ROGER HILL

3 - PO BOX 1189

City- SALMON

State- ID Zip- 83467

Phone - 208-756-4417

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - - +  
05/15/1888 17 SOUTHERN D - DECREED+ - - - - Source - - - - - + + - - - - Tributary - - - - - +  
GARDEN CREEK SALMON RIVER+ - - - - Point of Diversion - - - - - +  
Twn Rng Sec Tract Lot RFlg County Diversion Name  
13N 18E 3 SE NE SE <sup>635</sup><sub>205</sub> (37) CUSTER+ - - - - Water Use - - - - - +  
Code Description Period From Period To Diversion Rate Diversion Volume  
01 - IRRIGATION 04/15 10/15 0.320+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +  
0.320 0.0+ - - - - Place of Use - - - - - +  
Twn Rng Sec Tract Lot Acres Code Description County  
13N 18E 2 SW NW 7.5 01 IRRIGATION (37) CUSTER  
Total Acres: 7.5 <sup>635</sup><sub>342</sub>

+ - - Diversion Means - HEADGATE, DITCH, TO FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-04174A, 72-00106F, AND 72-10486A

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

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION  
OF A COMBINED TOTAL OF 7.5 ACRES IN A SINGLE IRRIGATION SEASON.  
COMBINED RIGHT NOS. 72-00106F, 72-00109F, AND 72-10486A.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF

Water right number - R72-00109F

Prefix Translation: RESEARCH

+ - - - - - Remarks - - - - - +  
DIVERSION DESCRIBED ABOVE: 72-00106F, 72-00109F, 72-10486A,  
72-00106G, 72-00109G, AND 72-10486B

+ - - - - - Old Water Right Numbers - - - - - +  
A7200109

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

+ - - - - Decree Plaintiff - - - +      + - - - - Decree Defendant - - - +      + - Decree Date - +  
ADAMS, ET. AL.      VANDERVOORT, ET. AL.      05/19/1914

+ - - Audit Fields - 08/23/94 KCHRISTE 03/30/95 POST-STD 10/28/98 KCHRISTE

+ - - - - - Comments- - - - - +  
Date: 01/31/1994 User Id: CHRISTEN Subject: COPIED FROM REMARKS  
PORTION OF 72-00109 DECREE.      ~ 51 ACRES ACTUAL IRRIGATION ALONG GARDEN CREEK.  
\*\*\*\*\*      OWNERSHIP CHANGE 5/24/91 BY AA.

Date: 08/23/1994 User Id: KCHRISTE Subject: COPIED FROM REMARKS  
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF  
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A  
ANNUAL CONSUMPTIVE USE VOLUME OF 62.5 AF, AND TO THE IRRIGATION  
COMBINED RIGHT NOS.:72-00106B AND 72-10486.  
TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 77.5 AF, AND TO  
IRRIGATION SEASON. COMBINED RIGHT NOS.: 72-00106B, 72-10486 AND  
Date: 08/23/1994 User Id: KCHRISTE Subject: BASIS OF SPLIT RIGHT  
OWNERSHIP CHANGE CAUSING A SPLIT RIGHT 8-23-94 KKC.      CLAIM SPLIT INTO A72-00109F FOR 9/25ths OF .88CFS OR .32CFS  
AND A72-00109G FOR 16/25ths OF .88CFS OR .56CFS      BASIS OF SPLIT DETERMINED DURING A CONVERSATION WITH CHRISTOPHER  
JAMES ON 8-15-94.

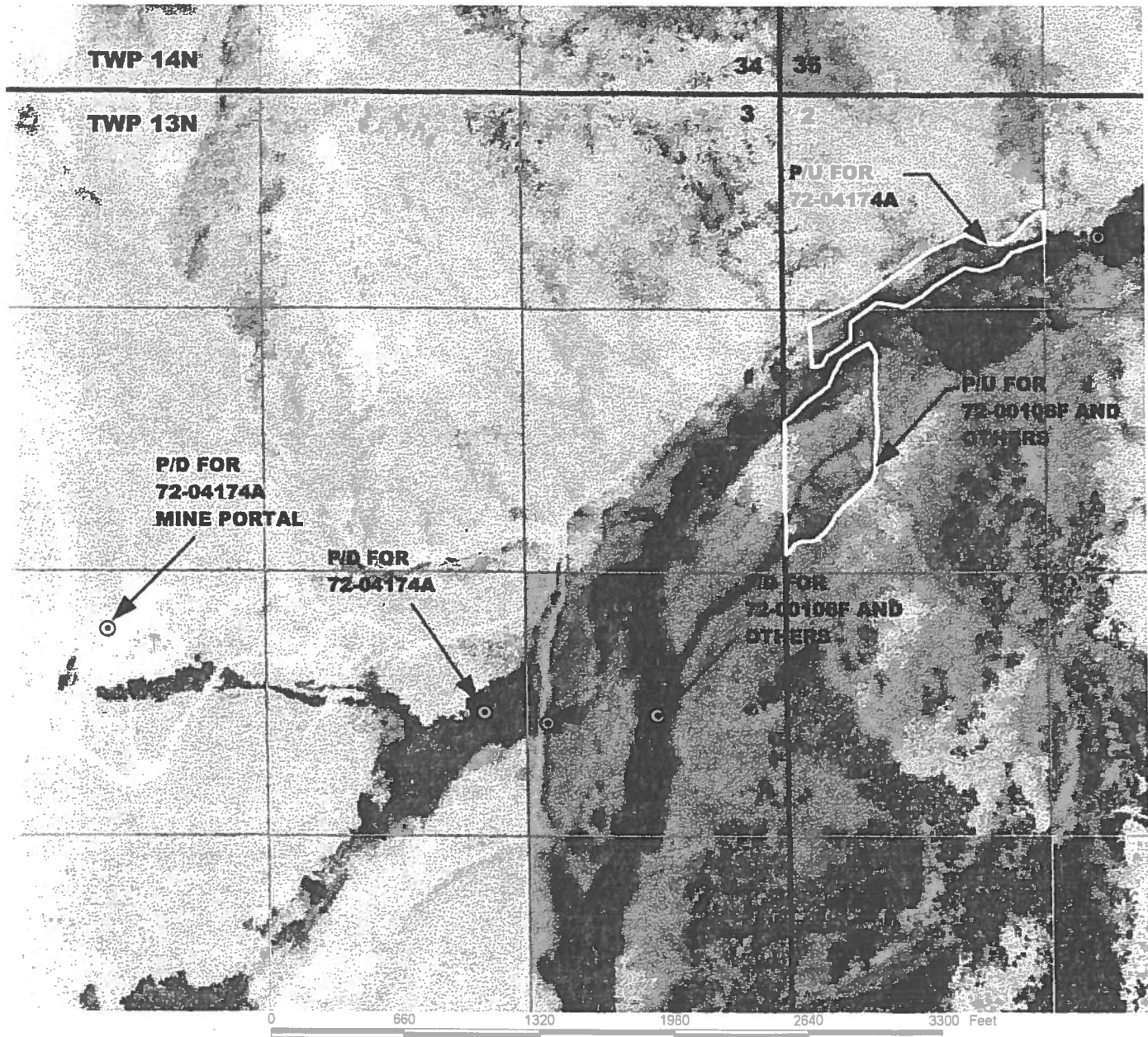
+ - - - - - Adjudication Rights Dates and Flags Area - - - - - +  
  
Court Report Filing - 00/00/0000      Field Inspection Made - 06/15/1993      Civil Case Number - 39576  
Objection Filed Date - 00/00/0000      Field Inspection Flag -      Old Case Number -  
Response Filed Date - 00/00/0000      Verified Date - 00/00/0000      Old Judicial District -  
Claim Received Date - 07/02/1990      Last Amended Date - 00/00/0000      Temporary Right - P  
Proof Due Date - 00/00/0000      Proof Made Date - 00/00/0000      Water District - 72B  
Licensed Date - 00/00/0000      Receipt Number - X777777      Federal/State Indicator - S  
POU Ownership Flag - Y      Presumption Flag -  
Name Connector -      Notice of Error Flag -

**72-00106F, 72-00109F, & 72-10486A**

**SOURCE = GARDEN CREEK**

**72-04174A**

**SOURCE = UNNAMED STREAM - GROUNDWATER**



**RECOMMENDED PLACE OF USE**

**TWP 13N RNG 18E, SEC 2**

**data entry on October 28, 1998**



- ⊙ **RECOMMENDED POINT OF DIVERSION**
- RECOMMENDED PLACE OF USE**
- SECTION LINES**
- QUARTER/QUARTER LINES**

**GIS PLACE OF USE PRESENTATION**  
**1992 USDA-F AERIAL PHOTOGRAPHY**  
**DATA ENTRY BY KELLY K CHRISTENSEN**

7.5

## JPEG LAYOUT

# REVIEW OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

72-00106F 72-10486A  
72-00109F

DATE: 10-28, 1998

REVIEWED BY KKC

## 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    |
| DAF       | .18           | .15  |               |      | 5.33             | 7.27    |
| 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    |
| GO1       | .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    |

| SOIL TYPE | BORDER CFS/AC |      | FURROW CFS/AC |      | OPTIMUM ROTATION |         |
|-----------|---------------|------|---------------|------|------------------|---------|
|           | PAST          | ALFA | PAST          | ALFA | PASTURE          | ALFALFA |
| 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 |
|-----------|----------------------------|---------------------------|-----------------------------|-----------------------|----------------------|
| CP1       | 2.6                        | 7                         | 2                           | .36                   | = .26 CFS            |
| DBB       | 5.71                       | 7                         | 1.6                         | .13                   | = .17 CFS            |
| DMF       | 5.12                       | 7                         | 3.9                         | .18                   | = .51 CFS            |
|           |                            |                           |                             |                       | = .94 CFS            |

TOTAL ACRES \_\_\_\_\_

DECREED RATE = \_\_\_\_\_

CLAIMED DIVERSION RATE = \_\_\_\_\_

MEASURED DIVERSION RATE = \_\_\_\_\_

**R PROOF**

**CVR**

**MAPS**

**PHOTOS**

**MISC**

**MICROFILMED**

**NOV 01 1994**

Water Right Number - R72-00109F

Prefix Translation:

RESEARCH

Old (D) Number -

\*\*\* C - CURRENT OWNER \*\*\*  
JAMES TRUST

CHRISTOPHER W.

1 - CHRISTOPHER JAMES TRUSTEE  
2 - PO BOX 1190  
3 -  
City- CHALLIS  
Phone - 208-879-2729

State- ID Zip- 83226

\*\*\* O - ORIGINAL OWNER \*\*\*  
US DEPT OF AGRICULTURE

MC GARY

LAWRENCE

1 - FARMERS HOME ADMINISTRATION  
2 - % ROGER HILL  
3 - PO BOX 1189  
City- SALMON  
Phone - 208-756-4417  
State- ID Zip- 83467  
1 -  
2 -  
3 -  
City- KETCHUM  
Phone - 208-000-0000  
State- ID Zip- 83340

+ - Priority Date - - +  
05/15/1888

+ - Region - - - +  
17 SOUTHERN

+ - Stage - - - +  
D - DECREED

+ - Status - - - +

+ - Source - - - - +  
GARDEN CREEK

+ - Tributary - - - - +  
SALMON RIVER

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

13N 18E 3 SE NE SE (37) CUSTER

+ - Code Description Period From Period To Water Use Diversion Rate Diversion Volume  
01 - IRRIGATION 04/15 10/15 0.320

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +  
0.320 0.0

+ - Place of Use - - - - +  
Twn Rng Sec Tract Lot Acres Code Description County  
13N 18E 2 SW NW 9.0 01 IRRIGATION (37) CUSTER

Total Acres: 9.0

+ - Diversion Means - HEADGATE, DITCH, TO FLOOD IRRIGATION  
+ - Non-Irrigation Use -  
+ - Other Rights for Same Use - 72-04174A, 72-00106F, AND 72-10486A

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MICROFILMED  
NOV 01 1994

Water right number - R72-00109F

Prefix Translation: RESEARCH

REMARKS  
THE FOLLOWING RIGHTS ARE DIVERSED THROUGH POINT OF  
DIVERSION DESCRIBED ABOVE: 72-00106F, 72-00109F, 72-10486A,  
72-00106G, 72-00109G, AND 72-10486B  
USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A  
TOTAL COMBINED DIVERSION RATE OF .82 CFS, A TOTAL COMBINED  
ANNUAL CONSUMPTIVE USE VOLUME OF 22.5 AF, AND TO THE IRRIGATION  
OF A COMBINED TOTAL OF 9 ACRES IN A SINGLE IRRIGATION SEASON.  
COMBINED RIGHT NOS.: 72-00106F, 72-00109F, AND 72-10486A.

A7200109

Old Water Right Numbers

Conditions of Approval  
No Conditions of Approval found.

Decree Plaintiff

Decree Defendant  
VANDERVOORT, ET. AL.

Decree Date  
05/19/1914

Date: 01/31/1994 User Id: CHRISTEN Subject: COPIED FROM REMARKS

PORTION OF 72-00109 DECREE.

Comments  
51 ACRES ACTUAL IRRIGATION ALONG GARDEN CREEK.  
OWNERSHIP CHANGE 5/24/91 BY AA.

Date: 08/23/1994 User Id: KCHRISTE Subject: COPIED FROM REMARKS  
THE FOLLOWING RIGHTS ARE ALSO DIVERSED THROUGH POINT OF  
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A  
ANNUAL CONSUMPTIVE USE VOLUME OF 62.5 AF, AND TO THE IRRIGATION  
COMBINED RIGHT NOS.: 72-00106B AND 72-10486.  
TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 77.5 AF, AND TO  
IRRIGATION SEASON. COMBINED RIGHT NOS.: 72-00106B, 72-10486, AND  
Date: 08/23/1994 User Id: KCHRISTE Subject: BASIS OF SPLIT RIGHT  
OWNERSHIP CHANGE CAUSING A SPLIT RIGHT 8-23-94 KKC.  
AND A72-00109G FOR 16/25ths OF .88CFS OR .56CFS  
JAMES ON 8-15-94.

CLAIM SPLIT INTO A72-00109F FOR 9/25ths OF .88CFS OR .32CFS  
BASIS OF SPLIT DETERMINED DURING A CONVERSATION WITH CHRISTOPHER

Audit Fields  
08/23/94 KCHRISTE

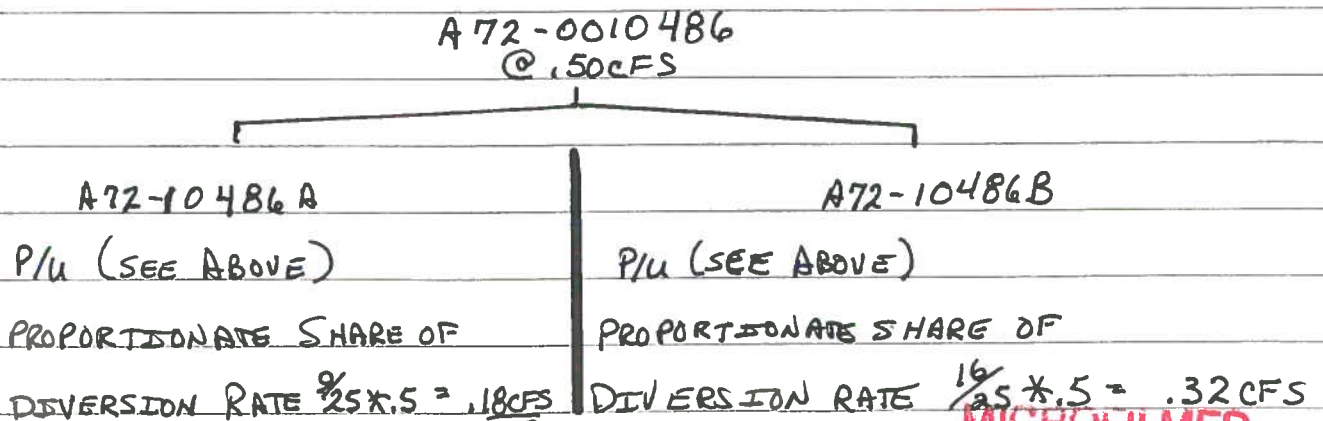
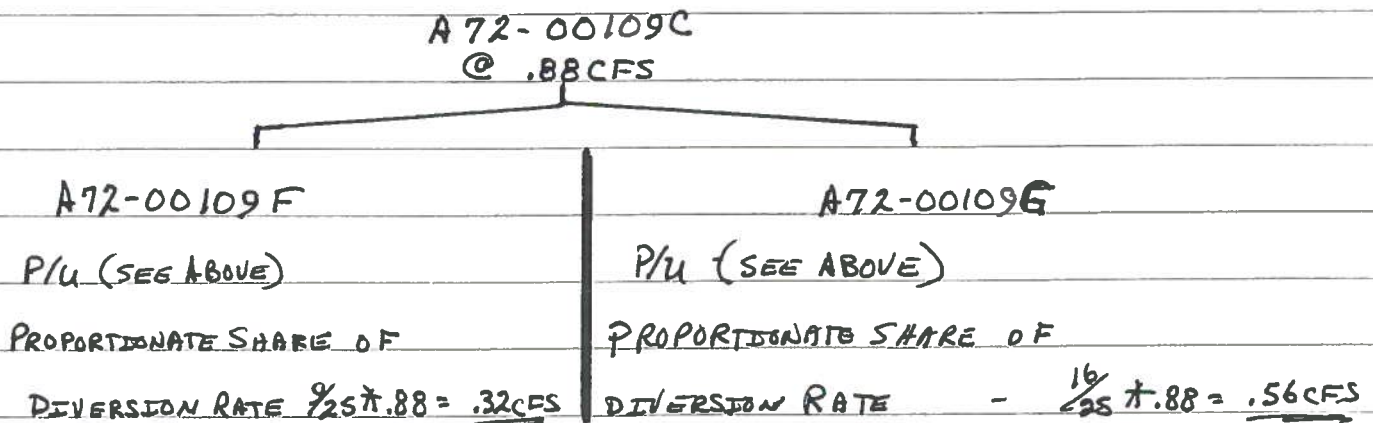
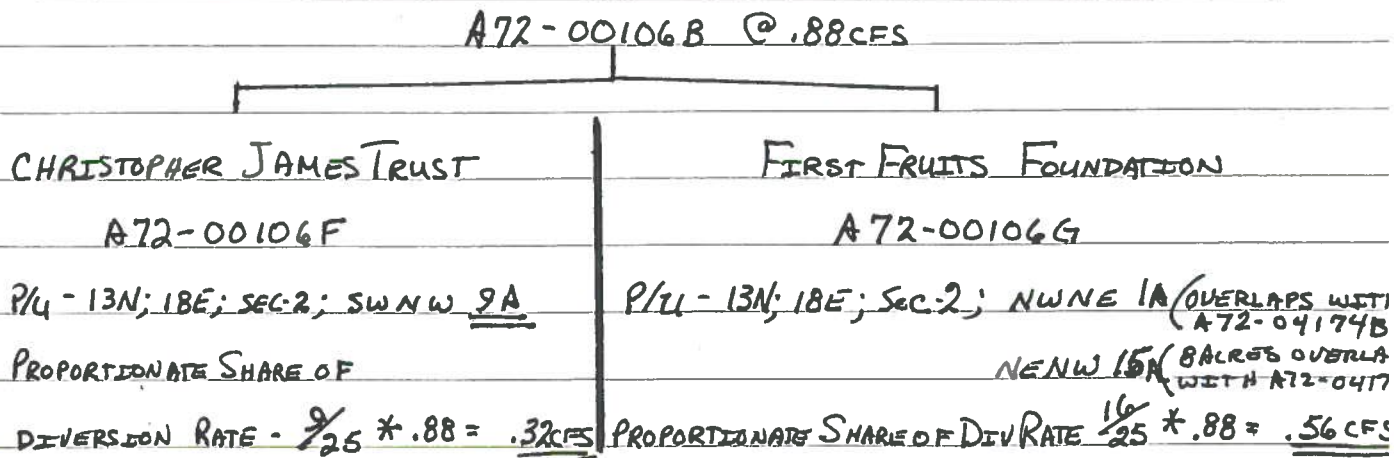
| Adjudication Rights Dates and Flags Area |            | Civil Case Number     |            |
|------------------------------------------|------------|-----------------------|------------|
| Court Report Filing                      | 00/00/0000 | Field Inspection Made | 06/15/1993 |
| Objection Filed Date                     | 00/00/0000 | Field Inspection Flag |            |
| Response Filed Date                      | 00/00/0000 | Verified Date         | 08/23/1994 |
| Claim Received Date                      | 07/02/1990 | Last Amended Date     | 00/00/0000 |
|                                          |            | Receipt Number        | X777777    |
|                                          |            | POU Ownership Flag    | Y          |
|                                          |            | Name Connector        |            |
|                                          |            | Presumption Flag      |            |
|                                          |            | Notice of Error Flag  |            |

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NOV 01 1994

# SPLIT RIGHT ANALYSIS & REMARK RECOMMENDATION

For A72-00106B, A72-00109C & A72-10486.

all three rights are from Garden Creek from common P/ds through the same system and for the same P/u. Total irrigated acres found were 25.



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REMARKS FOR CHRISTOPHER JAMES TRUST CLAIMS.

FØ6: 72-00106F, 72-00109F, 72-10486A, 72-00106G,  
72-00109G & 72-10486B (FM SAME P/D)

E12: .82 CFS 22.5 AF 9 ACRES

72-00106F, 72-00109F & 72-10486A

REMARKS FOR FIRST FRUITS FOUNDATION CLAIMS.

FØ6: same as above.

E12: 1.44 CFS 40 AF 16 ACRES

72-00106G, 72-00109G & 72-10486B

E12: modified

47.5 AF 19 ACRES

72-00106G, 72-00109G, & 72-10486B & 72-04174B

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NOV 01 1994

20'

113

POOR ORIGINAL

115

17' 30"

Deeded To  
First Fruits Foundation

Both Sources

MICROFILMED  
NOT REPRODUCED

RETAINED BY  
CHRISTOPHER JAMES

P/U FOR  
A72-04174  
UNNAMED STREAM  
IS SOURCE

2A  
9A  
7A

8A

FROM GARDEN CREEK  
COMPLETE OVERLAP  
WITH UNNAMED  
STREAM

PORTION  
OVERLAP  
UNNAMED  
CREEK

POOR ORIGINAL

Field notes  
8-15-94  
KKC

@ Christopher Jamisonhouse.

Discussed how the split was based.  
the Trust was gifted Tot 2.3 of Sec 2  
the initial estimate was based upon owned  
acres not irrigated acres. Actual split of  
the irrigated ground is split:

| Gifted P/4          | Retained P/4  |
|---------------------|---------------|
| 2 A                 | 4             |
| 9 A                 | 0             |
| 6.5 A               | 1/2           |
| <hr/> 17.5 A in P/4 | <hr/> 9       |
|                     | 13 1/2 in P/4 |

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NOV 6 1994

# GRADED BORDER EVALUATION

Job name: A72-001068 GARDEN CR  
By: KKC

Location: CP1 SOIL FOR 7 ACRES  
Date: Jan 28, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00  
Slope (S)= 0.0400 ft/ft Border width (W)= 73 ft  
Net application (Fn)= 0.79 inches Border length (L)= 200 ft  
Inflow time (Ti)= 8 hours, 0 minutes

| Flow per<br>Border<br>(cfs) | Unit<br>Flow<br>(cfs/ft)          | Gross<br>Application<br>(in) | Deep<br>Percolation<br>(in) | Runoff<br>(in) | Application<br>Efficiency<br>(percent) | Notes |
|-----------------------------|-----------------------------------|------------------------------|-----------------------------|----------------|----------------------------------------|-------|
| 0.90                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.91                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.92                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.93                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.94                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.95                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.96                        | 0.013                             | 22.72                        | 21.76                       | 0.17           | 3.5                                    |       |
| 0.97                        | 0.013                             | 22.96                        | 21.76                       | 0.41           | 3.4                                    |       |
| 0.98                        | 0.013                             | 23.20                        | 21.76                       | 0.65           | 3.4                                    |       |
| 0.99                        | 0.014                             | 23.43                        | 21.76                       | 0.88           | 3.4                                    |       |
| 1.00                        | 0.014                             | 23.67                        | 21.76                       | 1.12           | 3.3                                    |       |

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NOV 01 1994

CLAIM NO. --- A72-00106C (GARDEN CR) Lotus Program:  
 AGENT ----- KKC IRR-PRAC.Wk3  
 DATE ----- 01/28/94 Date form revised:  
 4/21/93 by KKC

\*\*\*\*\*  
 SOIL CHARACTERISTICS

Soil Type = CP1; REDFISH...GRAVELLY SANDY LOAM  
 Source of Soils Data = Printout From SCS State Office

| soil depth<br>(inches) |       | AWC<br>(in/in) |       | PH    |       | organic<br>(%) |       | soil depth<br>(ft) | AWC<br>(inches) | intake<br>family |        |
|------------------------|-------|----------------|-------|-------|-------|----------------|-------|--------------------|-----------------|------------------|--------|
| lower                  | upper | lower          | upper | lower | upper | lower          | upper |                    |                 | flood            | furrow |
| 0                      | 5     | 0.08           | 0.1   | 5.6   | 7.3   | 2              | 3     | 1                  | 0.98            | 3                | 0.7    |
| 5                      | 10    | 0.07           | 0.12  | 5.6   | 7.3   |                |       | 1                  | 1.00            |                  |        |
| 10                     | 60    | 0.02           | 0.03  | 5.6   | 7.3   |                |       | 3                  | 1.57            |                  |        |
|                        |       |                |       |       |       |                |       | 4                  | 1.87            | alternate        |        |
|                        |       |                |       |       |       |                |       | 5                  | 2.17            | method           |        |
|                        |       |                |       |       |       |                |       |                    |                 | NA               | NA     |

Management Allowed Deficit (MAD)

| crop                     | root<br>depth<br>(ft) | stress<br>point (INCHES) | MAD  | FIELD NOTES AND CALCULATIONS                         |         |         |         |
|--------------------------|-----------------------|--------------------------|------|------------------------------------------------------|---------|---------|---------|
|                          |                       |                          |      | FIELD 1                                              | FIELD 2 | FIELD 3 | FIELD 4 |
|                          |                       |                          |      | FIELD WIDTH                                          | 1525    | 0       |         |
|                          |                       |                          |      | IRRIGATION DAYS                                      | 7       |         |         |
|                          |                       |                          |      | DRY DAYS                                             | 0       |         |         |
|                          |                       |                          |      | SET TIME(hours)                                      | 8       |         |         |
| alfalfa (hay or seed)    | 5                     | 0.5                      | 1.09 | CALCULATED RUN (run = acres*43560/width)             |         |         |         |
| corn (field or silage)   | 4                     | 0.5                      | 0.94 | LENGTH (RUN) = 200                                   |         |         |         |
| grain (winter or spring) | 4                     | 0.5                      | 0.94 | CALCULATED BORDER WIDTH (ditch length/irr days * cha |         |         |         |
| pasture (or grass hay)   | 3                     | 0.5                      | 0.79 | WIDTH = 73                                           |         |         |         |
| other (enter below)      |                       |                          |      | THEORETICAL ROTATION (mad/net irr req in inches per  |         |         |         |
|                          |                       |                          |      | SELECTED MAD = 0.79                                  |         |         |         |
|                          |                       |                          |      | ROTATION = 3.4 DAYS                                  |         |         |         |

\*\*\*\*\*  
 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS  
 Figure No = 10-15

| crop    | acres | system | recomm.<br>eff. | Net Irrigation Requirement (mm/day) |      |      |      |      |      |      |
|---------|-------|--------|-----------------|-------------------------------------|------|------|------|------|------|------|
|         |       |        |                 | mar                                 | apr  | may  | jun  | jul  | aug  | sep  |
| PASTURE | 7     | FLOOD  | 3.5             | 1.47                                | 3.84 | 4.87 | 5.86 | 4.56 | 3.23 | 2.07 |
| ALFALFA |       | FLOOD  |                 | 1.28                                | 4.51 | 5.65 | 6.25 | 4.45 | 2.52 | 0.7  |

Summary 7 4 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

MICROFILMED  
 NOV 0 1 1994

# GRADED BORDER EVALUATION

Job name: A72-001068 GARDEN CR  
By: KKC

Location: CP1 SOIL FOR 9 ACRES  
Date: Jan 28, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00  
Slope (S)= 0.0400 ft/ft Border width (W)= 75 ft  
Net application (Fn)= 0.79 inches Border length (L)= 250 ft  
Inflow time (Ti)= 8 hours, 0 minutes

| Flow per<br>Border<br>(cfs) | Unit<br>Flow<br>(cfs/ft)                                  | Gross<br>Application<br>(in) | Deep<br>Percolation<br>(in) | Runoff<br>(in) | Application<br>Efficiency<br>(percent) | Notes |
|-----------------------------|-----------------------------------------------------------|------------------------------|-----------------------------|----------------|----------------------------------------|-------|
| 1.20                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 1.21                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 1.22                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 1.23                        | 0.016                                                     | 22.67                        | 21.76                       | 0.12           | 3.5                                    |       |
| 1.24                        | 0.017                                                     | 22.86                        | 21.76                       | 0.30           | 3.5                                    |       |
| 1.25                        | 0.017                                                     | 23.04                        | 21.76                       | 0.49           | 3.4                                    |       |
| 1.26                        | 0.017                                                     | 23.22                        | 21.76                       | 0.67           | 3.4                                    |       |
| 1.27                        | 0.017                                                     | 23.41                        | 21.76                       | 0.86           | 3.4                                    |       |
| 1.28                        | 0.017                                                     | 23.59                        | 21.76                       | 1.04           | 3.3                                    |       |
| 1.29                        | 0.017                                                     | 23.78                        | 21.76                       | 1.22           | 3.3                                    |       |
| 1.30                        | 0.017                                                     | 23.96                        | 21.76                       | 1.41           | 3.3                                    |       |

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NOV 01 1994

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SOIL CHARACTERISTICS

Soil Type = CP1; REDFISH...GRAVELLY SANDY LOAM  
Source of Soils Data = Printout from SCS State Office

CLAIM NO. --- A72-00106C (GARDEN CR)  
AGENT ----- KKC  
DATE ----- 01/28/94

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

| soil depth<br>(inches) |       | AWC<br>(in/in) |       | PH    |       | organic<br>(%) |       | soil depth<br>(ft) | AWC<br>(inches) | intake<br>family |        |
|------------------------|-------|----------------|-------|-------|-------|----------------|-------|--------------------|-----------------|------------------|--------|
| lower                  | upper | lower          | upper | lower | upper | lower          | upper |                    |                 | flood            | furrow |
| 0                      | 5     | 0.08           | 0.1   | 5.6   | 7.3   | 2              | 3     | 1                  | 0.98            | 3                | 0.7    |
| 5                      | 10    | 0.07           | 0.12  | 5.6   | 7.3   |                |       | 1                  | 1.00            |                  |        |
| 10                     | 60    | 0.02           | 0.03  | 5.6   | 7.3   |                |       | 3                  | 1.57            |                  |        |
|                        |       |                |       |       |       |                |       | 4                  | 1.87            | alternate        |        |
|                        |       |                |       |       |       |                |       | 5                  | 2.17            | method           |        |
|                        |       |                |       |       |       |                |       |                    |                 | NA               | NA     |

Management Allowed Deficit (MAD)

| crop                     | root<br>depth<br>(ft) | stress<br>point (INCHES) | MAD  |
|--------------------------|-----------------------|--------------------------|------|
| alfalfa (hay or seed)    | 5                     | 0.5                      | 1.09 |
| corn (field or silage)   | 4                     | 0.5                      | 0.94 |
| grain (winter or spring) | 4                     | 0.5                      | 0.94 |
| pasture (or grass hay)   | 3                     | 0.5                      | 0.79 |
| other (enter below)      |                       |                          |      |

FIELD NOTES AND CALCULATIONS

|                                                      | FIELD 1  | FIELD 2 | FIELD 3 | FIELD 4 |
|------------------------------------------------------|----------|---------|---------|---------|
| FIELD WIDTH                                          | 1570     | 0       |         |         |
| IRRIGATION DAYS                                      | 7        |         |         |         |
| DRY DAYS                                             | 0        |         |         |         |
| SET TIME(hours)                                      | 8        |         |         |         |
| CALCULATED RUN (run = acres*43560/width)             |          |         |         |         |
| LENGTH (RUN) =                                       | 250      |         |         |         |
| CALCULATED BORDER WIDTH (ditch length/irr days * cha |          |         |         |         |
| WIDTH =                                              | 75       |         |         |         |
| THEORETICAL ROTATION (mad/net irr req in inches per  |          |         |         |         |
| SELECTED MAD =                                       | 0.79     |         |         |         |
| ROTATION =                                           | 3.4 DAYS |         |         |         |

\*\*\*\*\*

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS  
Figure No = 10-15

| crop    | acres | system | recomm.<br>eff. | Net Irrigation Requirement (mm/day) |      |      |      |      |      |      |
|---------|-------|--------|-----------------|-------------------------------------|------|------|------|------|------|------|
|         |       |        |                 | mar                                 | apr  | may  | jun  | jul  | aug  | sep  |
| PASTURE | 9     | FLOOD  | 3.5             |                                     | 1.47 | 3.84 | 4.87 | 5.86 | 4.56 | 3.23 |
| ALFALFA |       | FLOOD  |                 |                                     | 1.28 | 4.51 | 5.65 | 6.25 | 4.45 | 2.52 |
|         |       |        |                 |                                     |      |      |      |      |      | 2.07 |

|                                            |   |  |   |  |      |      |      |      |      |      |      |
|--------------------------------------------|---|--|---|--|------|------|------|------|------|------|------|
| Summary                                    | 9 |  | 4 |  | 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 1988

MICROFILMED  
NOV 01 1994

# GRADED BORDER EVALUATION

Job name: A72-001068 GARDEN CR.  
By: KKC

Location: DMF SOIL FOR 4 ACRES  
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=3.00  
Slope (S)= 0.0400 ft/ft Border width (W)= 33 ft  
Net application (Fn)= 1.52 inches Border length (L)= 249 ft  
Inflow time (Ti)= 8 hours, 0 minutes

| Flow per<br>Border<br>(cfs) | Unit<br>Flow<br>(cfs/ft)          | Gross<br>Application<br>(in) | Deep<br>Percolation<br>(in) | Runoff<br>(in) | Application<br>Efficiency<br>(percent) | Notes |
|-----------------------------|-----------------------------------|------------------------------|-----------------------------|----------------|----------------------------------------|-------|
| 0.45                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.46                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 0.47                        | Gross depth is less than required | gross application depth      |                             |                |                                        |       |
| 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                        | 0.016                             | 22.71                        | 21.03                       | 0.16           | 6.7                                    |       |
| 0.55                        | 0.017                             | 23.13                        | 21.03                       | 0.58           | 6.6                                    |       |
| 0.56                        | 0.017                             | 23.55                        | 21.03                       | 1.00           | 6.5                                    |       |
| 0.57                        | 0.017                             | 23.97                        | 21.03                       | 1.42           | 6.3                                    |       |
| 0.58                        | 0.018                             | 24.39                        | 21.03                       | 1.84           | 6.2                                    |       |
| 0.59                        | 0.018                             | 24.81                        | 21.03                       | 2.26           | 6.1                                    |       |

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NOV 01 1994

CLAIM NO. --- A72-00106B, A72-00109C Lotus Program:  
 AGENT ----- KKC IRR-PRAC.WK3  
 DATE ----- 01/28/94 Date form revised:  
 4/21/93 by KKC

\*\*\*\*\*  
 SOIL CHARACTERISTICS

Soil Type = DMF; ZEEBAR... GRAVELLY LOAM  
 Source of Soils Data = Printout From SCS State Office

| soil depth<br>(inches) |       | AWC<br>(in/in) |       | PH    |       | organic<br>(%) |       | soil depth<br>(ft) | AWC<br>(inches) | intake<br>family |        |
|------------------------|-------|----------------|-------|-------|-------|----------------|-------|--------------------|-----------------|------------------|--------|
| lower                  | upper | lower          | upper | lower | upper | lower          | upper |                    |                 | flood            | furrow |
| 0                      | 3     | 0.12           | 0.14  | 6.6   | 7.3   | 2              | 3     | 1                  | 1.38            | 3                | 0.7    |
| 3                      | 13    | 0.09           | 0.13  | 6.6   | 7.3   |                |       | 1                  | 1.49            |                  |        |
| 13                     | 19    | 0.07           | 0.12  | 6.6   | 7.3   |                |       | 3                  | 3.04            |                  |        |
| 19                     | 29    | 0.06           | 0.1   | 6.6   | 7.3   |                |       | 4                  | 3.34            | alternate        |        |
| 29                     | 60    | 0.02           | 0.03  | 6.6   | 7.8   |                |       | 5                  | 3.64            | method           |        |
|                        |       |                |       |       |       |                |       |                    |                 | NA               | NA     |

Management Allowed Deficit (MAD)

| crop | root<br>depth<br>(ft) | stress<br>point (INCHES) | MAD | FIELD NOTES AND CALCULATIONS                         |          |         |         |
|------|-----------------------|--------------------------|-----|------------------------------------------------------|----------|---------|---------|
|      |                       |                          |     | FIELD 1                                              | FIELD 2  | FIELD 3 | FIELD 4 |
|      |                       |                          |     | FIELD WIDTH                                          | 700      | 0       |         |
|      |                       |                          |     | IRRIGATION DAYS                                      | 7        |         |         |
|      |                       |                          |     | DRY DAYS                                             | 0        |         |         |
|      |                       |                          |     | SET TIME(hours)                                      | 8        |         |         |
|      |                       |                          |     | CALCULATED RUN (run = acres*43560/width)             |          |         |         |
|      |                       |                          |     | RUN =                                                | 249      |         |         |
|      |                       |                          |     | CALCULATED BORDER WIDTH (ditch length/irr days * cha |          |         |         |
|      |                       |                          |     | WIDTH =                                              | 33       |         |         |
|      |                       |                          |     | THEORETICAL ROTATION (mad/net irr req in inches per  |          |         |         |
|      |                       |                          |     | SELECTED MAD =                                       | 1.52     |         |         |
|      |                       |                          |     | ROTATION =                                           | 6.6 DAYS |         |         |

\*\*\*\*\*  
 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS  
 Figure No = 10-15

| crop    | acres | system | recomm.<br>eff. | Net Irrigation Requirement (mm/day) |      |      |      |      |      |      |      |
|---------|-------|--------|-----------------|-------------------------------------|------|------|------|------|------|------|------|
|         |       |        |                 | mar                                 | apr  | may  | jun  | jul  | aug  | sep  | oct  |
| PASTURE | 4     | FLOOD  | 12.7            |                                     | 1.47 | 3.84 | 4.87 | 5.86 | 4.56 | 3.23 | 2.07 |
| ALFALFA |       | FLOOD  |                 |                                     | 1.28 | 4.51 | 5.65 | 6.25 | 4.45 | 2.52 | 0.7  |

Summary 4 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

MICROFILMED  
 NOV 01 1994

# GRADED BORDER EVALUATION

Job name: A72-001068 GARDEN CR  
By: KKC

Location: DBB SOIL FOR 5 ACRES  
Date: Jan 28, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=2.00  
Slope (S)= 0.0400 ft/ft Border width (W)= 41 ft  
Net application (Fn)= 1.69 inches Border length (L)= 250 ft  
Inflow time (Ti)= 8 hours, 0 minutes

| Flow per<br>Border<br>(cfs) | Unit<br>Flow<br>(cfs/ft)                                  | Gross<br>Application<br>(in) | Deep<br>Percolation<br>(in) | Runoff<br>(in) | Application<br>Efficiency<br>(percent) | Notes |
|-----------------------------|-----------------------------------------------------------|------------------------------|-----------------------------|----------------|----------------------------------------|-------|
| 0.45                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 0.46                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 0.47                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 0.48                        | Gross depth is less than required gross application depth |                              |                             |                |                                        |       |
| 0.49                        | 0.012                                                     | 16.52                        | 14.59                       | 0.24           | 10.2                                   | (4)   |
| 0.50                        | 0.012                                                     | 16.86                        | 14.59                       | 0.57           | 10.0                                   | (4)   |
| 0.51                        | 0.012                                                     | 17.20                        | 14.59                       | 0.91           | 9.8                                    | (4)   |
| 0.52                        | 0.013                                                     | 17.53                        | 14.59                       | 1.25           | 9.6                                    | (4)   |
| 0.53                        | 0.013                                                     | 17.87                        | 14.59                       | 1.59           | 9.5                                    |       |
| 0.54                        | 0.013                                                     | 18.21                        | 14.59                       | 1.92           | 9.3                                    |       |
| 0.55                        | 0.013                                                     | 18.54                        | 14.59                       | 2.26           | 9.1                                    |       |

(4) Less than minimum recommended depth of flow.

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NOV 01 1994

CLAIM NO. --- A72-00106C; GARDEN CR Lotus Program:  
 AGENT ----- KKC IRR-PRAC.WK3  
 DATE ----- 01/28/94 Date form revised:  
 4/21/93 by KKC

\*\*\*\*\*  
 SOIL CHARACTERISTICS

Soil Type = DBB; DAWTONIA...GRAVELLY LOAM  
 Source of Soils Data = Printout From SCS State Office

| soil depth<br>(inches) |       | AWC<br>(in/in) |       | PH    |       | organic<br>(%) |       | soil depth<br>(ft) | AWC<br>(inches) | intake<br>family |        |
|------------------------|-------|----------------|-------|-------|-------|----------------|-------|--------------------|-----------------|------------------|--------|
| lower                  | upper | lower          | upper | lower | upper | lower          | upper |                    |                 | flood            | furrow |
| 0                      | 4     | 0.12           | 0.15  | 6.6   | 7.3   | 1              | 2     | 1                  | 1.34            | 2                | 0.55   |
| 4                      | 24    | 0.09           | 0.11  | 7.4   | 7.8   |                |       | 1                  | 1.44            |                  |        |
| 24                     | 60    | 0.06           | 0.08  | 7.9   | 8.4   |                |       | 3                  | 3.38            |                  |        |
|                        |       |                |       |       |       |                |       | 4                  | 4.22            | alternate        |        |
|                        |       |                |       |       |       |                |       | 5                  | 5.06            | method           |        |
|                        |       |                |       |       |       |                |       |                    |                 | NA               | NA     |

Management Allowed Deficit (MAD)

| crop                     | root<br>depth<br>(ft) | stress<br>point | MAD<br>(INCHES) | FIELD NOTES AND CALCULATIONS                         |          |         |         |
|--------------------------|-----------------------|-----------------|-----------------|------------------------------------------------------|----------|---------|---------|
|                          |                       |                 |                 | FIELD 1                                              | FIELD 2  | FIELD 3 | FIELD 4 |
| alfalfa (hay or seed)    | 5                     | 0.5             | 2.53            | FIELD WIDTH                                          | 870      | 0       |         |
| corn (field or silage)   | 4                     | 0.5             | 2.11            | IRRIGATION DAYS                                      | 7        |         |         |
| grain (winter or spring) | 4                     | 0.5             | 2.11            | DRY DAYS                                             | 0        |         |         |
| pasture (or grass hay)   | 3                     | 0.5             | 1.69            | SET TIME(hours)                                      | 8        |         |         |
| other (enter below)      |                       |                 |                 | CALCULATED RUN (run = acres*43560/width)             |          |         |         |
|                          |                       |                 |                 | RUN =                                                | 250      |         |         |
|                          |                       |                 |                 | CALCULATED BORDER WIDTH (ditch length/irr days * cha |          |         |         |
|                          |                       |                 |                 | WIDTH =                                              | 41       |         |         |
|                          |                       |                 |                 | THEORETICAL ROTATION (mad/net irr req in inches per  |          |         |         |
|                          |                       |                 |                 | SELECTED MAD =                                       | 1.69     |         |         |
|                          |                       |                 |                 | ROTATION =                                           | 7.3 DAYS |         |         |

\*\*\*\*\*  
 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS  
 Figure No = 10-15

| crop    | acres | system | recomm.<br>eff. | Net Irrigation Requirement (mm/day) |      |      |      |      |      |      |
|---------|-------|--------|-----------------|-------------------------------------|------|------|------|------|------|------|
|         |       |        |                 | mar                                 | apr  | may  | jun  | jul  | aug  | sep  |
| PASTURE | 5     | FLOOD  | 10.2            | 1.47                                | 3.84 | 4.87 | 5.86 | 4.56 | 3.23 | 2.07 |
| ALFALFA |       | FLOOD  |                 | 1.28                                | 4.51 | 5.65 | 6.25 | 4.45 | 2.52 | 0.7  |

Summary 5 10 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

**MICROFILMED**  
**NOV 01 1994**

~ cfam  
12 - 00106B  
- 04174  
00109B  
10486

CONVERSATION MEMO

FILE: \_\_\_\_\_

AGENT: \_\_\_\_\_

DATE: 6-7-93  
879-2729

RE:

NAME OF PARTY:

Christopher James Trust

~~the~~ they are normally home all the time  
can check in at beginning of week

Exam set for Tues 8:00 A.M. at his place

MICROFILMED

NOV 01 1994

6-15-93

development  
to A72-4174

Spring development 12" PVC into old mine  
portal approx 150 yards from opening  
mine now closed & buried then South (buried  
along the current access road to the mine site  
to the old stream channel.

RE: A72-11733

The original spring originated 130 yds SW  
of current mine portal. The Oct 1983 earth  
quake stopped the spring at that location &  
now comes out of mine portal

Mine closed Apr of 92  
Mining stopped in 1990 (further exploration  
1986 work to extend shaft)

milling operations ceased in 1983

info  
from  
Christy for some  
previous limited parties.

Survey crew 86-87 8 to 12 people  
at mine site 2 people all the time up to 88 & 89  
3 mine operators + 1 foreman from 87

CP Hoover arrived in Apr 1988

5 pictures taken at portal

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For 4174

Pics 10-11. Radio from stream channel to label

6-15 cont '90

Start up stream  
roll #2  
1/D. inst throat

2 pic end of roll #1 show measuring down  
& are looking SW toward P/D (approx 40')

~~two~~ parshall has a 12" throat & was  
reading .755 on staff gage (he adjusted headgate  
to read .7  
Capacity = 1.3

2 pic div works looking  
SW to W.

Second P/D

Close to  
farmstead  
(on property)

12" throat  
Capacity 1.3"  
diverting this date .4"  
1 pic looking SW  
2 pic looking N. from G G

from Water Measurement  
hand book pg 34  
1.2' for a 12" throat  
gives 5.28 CFS

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CLAIM \_\_\_\_\_ INIT \_\_\_\_\_

T. R. S. Q/Q

P/D \_\_\_\_\_

PHOTO W-13 \_\_\_\_\_

DT. & ID. \_\_\_\_\_

*Preliminary  
map  
field notes*

34 35  
31 2

K. STARK

BLM

main  
ditch

CENR

GOV  
P/D  
ditch

DOR  
DITCH

P/D

Pico

L. L. KRISTAN

DOR  
DITCH

OUT

ditch

main

2 Pico

REDIV.

P/D

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NOV 11 1994

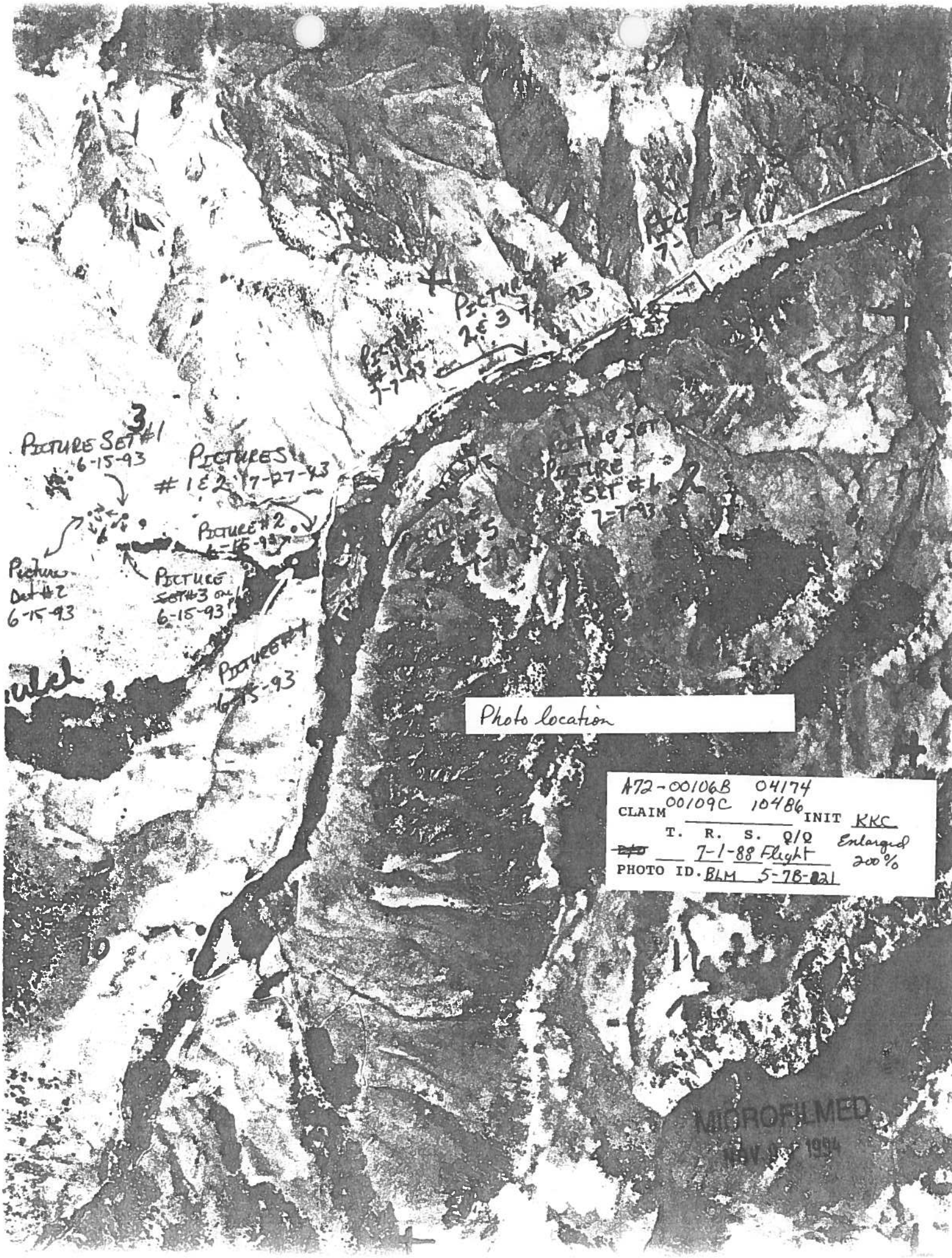


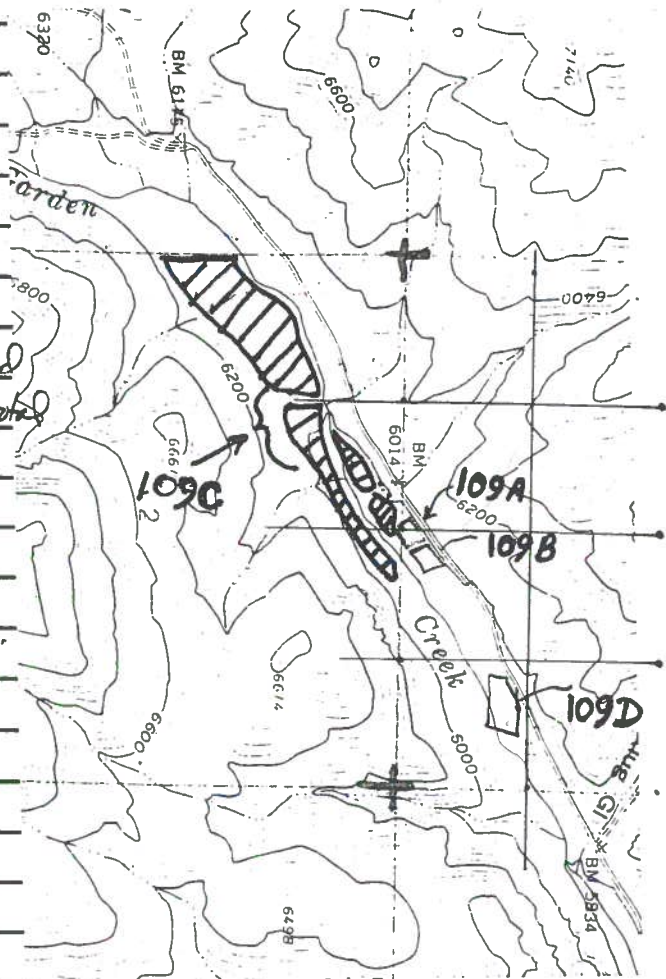
Photo location

|                                 |               |
|---------------------------------|---------------|
| A72-00106B                      | 04174         |
| CLAIM                           | 00109C 10486  |
| T. R. S. Q/Q                    | INIT KKC      |
| <del>7-1-88</del> 7-1-88 Flight | Enlarged 200% |
| PHOTO ID. BLM                   | 5-78-821      |

MICROFILMED  
NOV 1984

CLAIM NO A72-00109 A109 B109 CDATE 11-19-92 109 D

|       | NUMBER     | INS | RNG | SEC | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | TOTAL | SYSTEM TOTAL        |
|-------|------------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---------------------|
|       |            |     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |       |                     |
| CREED | 72-00109   | 13N | 18E | 2   | 40 |    |    |    | 40 |    |    |    |    |    |    |    |    |    |    |    |       | 1.20 CFS            |
|       |            | 14N | 18E | 35  |    |    |    |    |    |    |    |    |    |    |    |    | 40 | 40 | 40 |    |       |                     |
| AIMED | A72-00109A | 14N | 18E | 35  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  |    |       | .15 cu<br>.02 stock |
| AIMED | A72-00109B |     |     | 35  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 6  |    |       | .15 cu<br>.02 stock |
| AIMED | A72-00109C | 13N | 18E | 2   | 4  |    |    |    | 14 | 6  | 27 |    |    |    |    |    |    |    |    |    | 51    | .88                 |
| AIMED | A72-00109D |     |     | 35  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 2  |       | .04 cu<br>.02 stock |

SPLIT ANALYSIS:1.20 CFS DECREED.17 CFS A72-00109A \*.17 CFS A72-00109B \*.88 CFS A72-00109C.06 CFS A72-00109D \*1.20 1.28 CFS\* includes year-round  
stockwater .06 total★ Decreed right over claimed ??  
claimed rate per acreRATE PER ACRE (irr only)109A = .15 CFS/6A = 0.025 CFS/A109B = " " = "109C = see comb. right analysis109D = .04 CFS/2A = 0.02 CFS/ACRE

MICROFILMED

MAR 18 1993

IM NO

A72-00106A

00106B

00109C

DATE

11-13-92

Gov Lands Found section

|              | NUMBER     | TNS | RNG | SEC | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | TOTAL    | SYSTEM TOTAL |
|--------------|------------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|--------------|
|              |            |     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |          |              |
| DECREED P/U  | 72-00106   | 13N | 18E | 2   |    |    |    |    |    |    | 40 | 40 |    |    |    |    |    |    |    |    |          | 1.40CFS      |
|              |            |     |     | 3   |    |    |    |    |    |    |    |    |    |    |    |    | 40 |    |    | 40 |          |              |
| DECREED P/U  | 72-00109   | 13N | 18E | 2   | 40 |    |    | 40 |    |    |    |    |    |    |    |    |    |    |    |    |          | 1.20CFS      |
|              |            | 14N | 18E | 35  |    |    |    |    |    |    |    |    |    |    |    |    | 40 |    | 40 | 40 |          |              |
|              |            |     |     | 36  |    |    |    |    |    |    |    |    | 40 |    |    |    |    |    |    |    |          |              |
| CLAIMED P/U  | A72-00106A | 13N | 18E | 3   |    |    |    | 12 |    |    |    |    |    |    |    |    | 20 |    |    |    | 32 Acres | .72CFS       |
|              | A72-00106B | 13N | 18E | 2   | 4  |    |    | 14 | 6  | 27 |    |    |    |    |    |    |    |    |    |    | 51       | .68CFS       |
|              | A72-00109C | 13N | 18E | 2   | 4  |    |    | 14 | 6  | 27 |    |    |    |    |    |    |    |    |    |    | 51       | .88CFS       |
| diff source) | A72-04174  | 13N | 18E | 2   | 4  |    |    | 14 | 6  |    |    |    |    |    |    |    |    |    |    |    | 24       | .50CFS       |
|              | A72-10486  | 13N | 18E | 2   | 4  |    |    | 14 | 6  | 27 |    |    |    |    |    |    |    |    |    |    | 51       | .50CFS       |

## CLAIMED DIV RATE

$$A72-00106A \cdot 72CFS/32A = 0.0225CFS/A$$

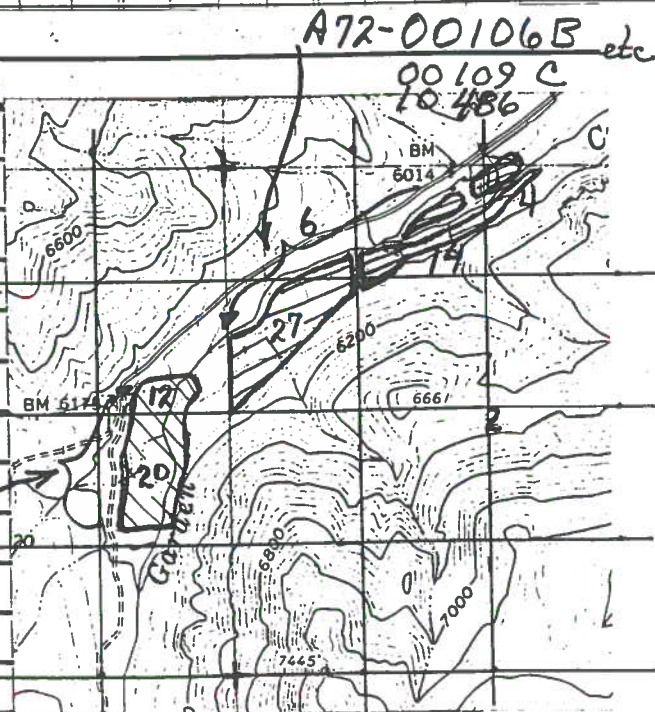
A72-00106B

$$A72-00109C \cdot 2.06CFS/51 = 0.0404CFS/A$$

A72-10486

$$A72-04174 \cdot 5CFS/24A = 0.0208CFS/A$$

A72-00106A



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MAR 18 1993

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
ADJUDICATION CLAIM VERIFICATION REPORT

07:44:30  
05/30/92

PAGE: 1  
GENERAL INFORMATION

CLAIM NUMBER: A72-00109C

LAST: U.S. DEPT. OF AGRICULTURE  
ADDRESS: FARMERS HOME ADMINISTRATION  
% ROGER HILL  
P.O. BOX 1189  
CITY: SALMON  
PHONE NUMBER: 208-756-4417

FIRST:

STATE: ID ZIP: 83467

OWNER CODE: 0

LAST: JAMES TRUST  
ADDRESS: C/D CHRISTOPHER JAMES TRUSTEE  
P.O. BOX 1190  
CITY: CHALLIS  
PHONE NUMBER: 208-879-2729

FIRST: CHRISTOPHER W.

STATE: ID ZIP: 83226

OWNER CODE: C

LAST: KLUG  
ADDRESS: X  
CITY: X  
PHONE NUMBER: 208-000-0000

FIRST: WILLIAM

STATE: ID ZIP: 00000

OWNER CODE: 0

LAST: MC GARY  
ADDRESS: KETCHUM  
PHONE NUMBER: 208-000-0000

FIRST: LAWRENCE

STATE: ID ZIP: 83340

OWNER CODE: 0

FIELD EXAM REQUIRED?  
VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE FIELD  
Y EXAMINER

CLAIM REMARKS: PORTION OF 72-00109 DECREE  
~ 51 ACRES ACTUAL IRRIGATION ALONG GARDEN CREEK.  
\*\*\*\*\*  
OWNERSHIP CHANGE 5/24/91 BY AA.

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NOV 01 1994

CONTACT PERSON: *6-15-93 Christopher James* PHONE NUMBER: ( ) - - -  
DATE OF FIELD EXAM: / / APPOINTMENT MADE: Y( ) N( ) TIME: : A( ) P( )  
ACCOMPANIED BY: *Steve Paulstine* PHONE NUMBER: ( ) - - -  
RELATIONSHIP TO CLAIMANT: *son*  
DIRECTIONS TO PROPERTY / REMARKS:

MICROFILMED  
NOV 0 1 1994

A. AJ CLAIM: # A72-00109C PRIORITY DATE: 05-15-1888 STAGE: D  
B. WR RECORD: # 72-00109 PRIORITY DATE: 05-15-1888 STAGE: D

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? Y ( ) N ( )  
IF YES EXPLAIN:

REMARKS:

*Claimed priority date matches deemed priority date  
3 claimed ~~from~~ 8/14 matches deemed 8/26  
accept as claimed.*

RECOMMENDED PRIORITY DATE:

05-15-1888

REVIEWED BY

*AKC*

DATE

*1-31-94*

MICROFILMED  
NOV 01 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

| RIGHT      | TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | CNTY   |
|------------|------|------|------|-----|-----|-----|-----|--------|
| A72-00109C | 13N  | 18E  | 2    |     |     |     |     | CUSTER |

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX R PREFIX  
A72-00106B NONE  
A72-10486

WR RECORDS IN SAME 40 ACRE TRACT

NONE

SOURCE: GARDEN CREEK

TRIB: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

0109 THERE IS NO POD ASSOCIATED WITH THIS WATER RIGHT NUMBER

SOURCE: GARDEN CREEK

TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

REMARKS:

Found 2 P/Ds from Garden Creek. There is about a 1/2 P/D head loss. I suspect the found P/Ds are representative of the actual P/Ds and could measure. See maps for location.

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NOV 6 - 1984

| RECOMMENDED POINT(S) OF DIVERSION AND SOURCE: |           | 1/4           | LOT | COUNTY |
|-----------------------------------------------|-----------|---------------|-----|--------|
| TWP.                                          | RGE. SEC. | 1/4           |     |        |
| 13N                                           | 18E       | 2             |     |        |
| 4                                             | 4         | 3             |     |        |
| SOURCE: GARDEN CREEK                          |           | SE            | NE  |        |
| TRIP: SALMON RIVER                            |           | SE            | NE  |        |
| REVIEWED BY: AKC                              |           | DATE: 1-31-94 |     |        |

MICROFILMED  
NOV 0 1 1994

A. ROOT WATER RIGHT NUMBERS:

A72-00109A  
A72-00109B

A72-00109C

B. POU LISTING

| TWP         | RNG | SEC | 1/4 | 1/4 | LOT | NAME                        | AJ<br>#/ACRES     | WR<br>#/ACRES | LANDSAT<br>DATA | FIELD<br>EXAM. | RECOMM.<br>ACRES |
|-------------|-----|-----|-----|-----|-----|-----------------------------|-------------------|---------------|-----------------|----------------|------------------|
| 13N         | 18E | 2   | NW  | NE  |     | JAMES TRUST, CHRISTOPHER W. | A72-00109C / 4.0  | -             | -               | 1              | 1                |
|             |     |     | NW  | NE  |     | JAMES TRUST, CHRISTOPHER W. | A72-00106B / 4.0  | -             | -               |                |                  |
|             |     |     | NW  | NE  |     | JAMES TRUST, CHRISTOPHER W. | A72-04174 / 4.0   | 72-04174      | / 4.0           |                |                  |
|             |     |     | NW  | NE  |     | JAMES TRUST, CHRISTOPHER W. | A72-10486 / 4.0   | -             | -               |                |                  |
|             |     |     | NW  | NE  |     | KLUG, WILLIAM               | 72-00109          | 72-00109      | /               |                |                  |
|             |     |     | NW  | NE  | 2   | SPECHT, W. C.               | 72-02144 / 5.0    | 72-02144      | / 5.0           |                |                  |
| 18E         | 2   | NE  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-00109C / 14.0 | -             | -               | 15             | 15               |
|             |     | NE  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-00106B / 14.0 | -             | -               |                |                  |
|             |     | NE  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-10486 / 14.0  | 72-04174      | / 14.0          |                |                  |
|             |     | NE  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-04174 / 14.0  | 72-00109      | /               |                |                  |
|             |     | NE  | NW  | NW  |     | KLUG, WILLIAM               | 72-00109          | 72-00109      | /               |                |                  |
|             |     | NE  | NW  | NW  | 3   | SPECHT, W. C.               | 72-02144 / 30.0   | 72-02144      | / 30.0          |                |                  |
| 13N         | 18E | 2   | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-00109C / 6.0  | -             | -               | 10             | 10               |
|             |     | NW  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-00106B / 6.0  | -             | -               |                |                  |
|             |     | NW  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-10486 / 6.0   | 72-04174      | / 6.0           |                |                  |
|             |     | NW  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-04174 / 6.0   | 72-00106      | /               |                |                  |
|             |     | NW  | NW  | NW  | 4   | KISER, NICK Z.              | 72-02144 / 10.0   | 72-02144      | / 10.0          |                |                  |
|             |     | NW  | NW  | NW  | 4   | SPECHT, W. C.               |                   |               |                 |                |                  |
| 13N         | 18E | 2   | SW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-00109C / 27.0 | -             | -               | 9              | 9                |
|             |     | SW  | NW  | NW  |     | KNIGHT, LEONARD D.          | A72-10099 /       | -             | -               |                |                  |
|             |     | SW  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-00106B / 27.0 | -             | -               |                |                  |
|             |     | SW  | NW  | NW  |     | JAMES TRUST, CHRISTOPHER W. | A72-10486 / 27.0  | 72-00106      | /               |                |                  |
|             |     | SW  | NW  | NW  |     | KISER, NICK Z.              | 72-00106          | 72-00106      | /               |                |                  |
|             |     | SW  | NW  | NW  |     | SPECHT, W. C.               | 72-02144 / 35.0   | 72-02144      | / 35.0          |                |                  |
| TOTAL ACRES |     |     |     |     |     |                             | A72-00109C        | 51.00         | 13.00           | 25             | 25               |

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE  
Y

POU COUNTY: CUSTER

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PRESUMPTION FLAG: D

REMARKS:

Found what appears to be former acre ingested then cleared (land use  
1" per acre; the cleared tract) therefore the step is 174 recognized  
Transfers have occurred thru warranty deeds and are recognized as  
valid (see Attached Analysis sheet)

RECOMMENDATIONS:

9 acres covered by A72-04174 and ingested a separate 16 acres (5006  
Borden Co.). A72-04174 ingests 6 acres separate from B. Co.

TOTAL ACRES:

25

REVIEWED BY:

KKC

DATE: 1-31-94

See Remarks worksheet  
for overlap Remarks

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A. AJ CLAIMED USES:

PURPOSES  
A72-00109C IRRIGATION

TOTAL DIVERSION RATE/VOLUME CLAIMED

15 10-15 next stand.  
MONTH/DAY  
FROM 04-21 TO 11-21

DIVERSION QUANTITY  
.880 CFS  
.880 CFS

B. WR RECORDED USES:

PURPOSES  
72-00109 IRRIGATION

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY  
1.200 CFS  
1.200 CFS

ADDITIONAL FLAG: D

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)

DATEBASE FIELD  
N EXAMINER  
Y Y  
Y

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?  
RECOMMEND TO WR STANDARDS OR OTHER?

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

Explain in remarks, below.

REMARKS:

Claimed diversion rate agrees with the proportionate split based upon warranty deed transfer which are accepted as valid transfers. Flow test analysis indicates a need for greater than 1" pressure therefore I accept the claimed rate of 0.88 CFS as valid.

| Time  | CS |
|-------|----|
| 0.880 | CS |
| 1.200 | CS |

CLAIM NUMBER: A72-00109C

Y( X ) N(      )

REQUIRED. \*\*\*

*with separate  
Bills with separate note  
separate from each other  
is covered by a full Bill under*

**FILED**  
**1 1991**

FIELD  
DATABASE EXAMINER

人

SEE ATTACHED CALCULATIONS

OTHER RIGHTS LISTED IN CLAIM: A72-04174, 00106E, 10486

10486  
seaHatched  
NAME

VOL. 1/ACRE

VOLUME

040 55

[illegible]

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

13. IRRIGATION RATE

ACRES 25  $\times$  0.02 CFS/ACRE = 0.50 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( ☐ ) \*\*\*

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 127.5 AE/A

ACRES 25  $\times$  CONSUMPTIVE VOL. AE/A FOR AREA

TOTAL CONSUMPTIVE USE AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES 25  $\times$  DIVERSION VOL. AE/A FOR AREA

TOTAL DIVERSION VOLUME AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y( ☐ ) N( ☐ )

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

*Remark is checked for  
comb. right analysis  
is Remarks.*

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RECOMMENDATIONS:

REC.  
PURPOSES

REC. PERIOD  
FROM TO

REC. DIV  
RATE CES

REC. DIV  
VOL. AE/A

REC. CONS.  
USE

IRRIGATION

04-01 15 12-15  
11-01

DATABASE EXAMINER  
0.880 88

DATABASE EXAMINER

DATABASE EXAMINER  
127.5 127.5

TOTAL FOR THIS RIGHT

REVIEWED BY:

XHC

DATE:

1-31-94

MICROFILMED  
NOV 01 1994

A. CHECK ONLY THE FOLLOWING THAT APPLY:

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

OWNERSHIP  
FOREFEIT/ABANDON  
ADDITIONAL DIV. AMOUNT

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-00109  
TOTAL DIVERSION RATE OF WR SPLITS

DATABASE  
1.200

SPLITS:

OLD RIGHT  
NUMBERS

DIVERSION  
RATE

CURRENT "R"  
CLAIM NUM.

"R" DIV.  
RATE

WR RIGHT  
NUMBERS

DIVERSION  
RATE

-  
A72-00109A  
A72-00109B  
A72-00109C

0.170  
0.170  
0.880

-  
-

-  
72-00109

1.200

TOTAL CFS 1.220

DIVERSION RATE REVIEW

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

DATABASE  
N

FIELD  
EXAMINER

REMARKS:

AUTHENTICATION:  
SIGNATURE:  
NAME OF FIELD EXAMINER:

DATE: 1-31-94  
TITLE: Senior Review Agent

RECEIVED  
JAN 31 1994

| WR ELEMENT                | FIELD EXAM<br>Y/N | CORRESPONDENCE<br>SENT/RECEIVED<br>BY WHOM/DATE | FIELD EXAM<br>BY WHOM/DATE | CHANGE<br>CLAIM<br>Y/N | VERIFIED BY<br>CODE | COMPLETED<br>REVIEW<br>WHOM/DATE | COMPLETED<br>DATA ENTRY<br>WHOM/DATE | VERIFIED<br>DATE<br>WHOM/DATE |
|---------------------------|-------------------|-------------------------------------------------|----------------------------|------------------------|---------------------|----------------------------------|--------------------------------------|-------------------------------|
| PRIORITY DATE             |                   |                                                 | 6-15-93<br>KRC             | N                      | 4                   | 6,2,5,16                         | KRC<br>1-31-94                       |                               |
| POINT OF DIV              | Y                 |                                                 | "                          | N                      | 4                   | "                                | "                                    |                               |
| SOURCE                    |                   |                                                 | "                          | N                      | 4                   | "                                | "                                    |                               |
| USE OF USE                | Y                 |                                                 | "                          | Y                      | 4                   | "                                | "                                    |                               |
| DIV. AMOUNT<br>CES/VOLUME | Y                 |                                                 | "                          | N                      | 4                   | "                                | "                                    |                               |
| CONSUMPTIVE USE           | -                 |                                                 | "                          | Y                      | 6                   | "                                | "                                    |                               |
| PURPOSES                  |                   |                                                 | "                          | N                      | "                   | "                                | "                                    |                               |
| PERIOD OF USE             | Y                 |                                                 | "                          | Y                      | 4                   | "                                | "                                    |                               |
| BASIS OF CLAIM            | Y                 |                                                 | "                          | N                      | "                   | "                                | "                                    |                               |
| REMARKS                   | Y                 |                                                 | "                          | Y                      | "                   | "                                | "                                    |                               |

\* VERIFIED BY \* CODES

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

MAPS USED:

ASCS W-13 1978  
 ORTHO U-24 1974  
~~NAPP~~ SCSSOILMAP 24-161  
 BLM 57B-21 7-1-88

DATE:

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  
NOV 01 1994

POOR ORIGINAL

35

15

17 30

7.5 MINUTE SERIES

BAYHORSE 011

CLAIM A72-20109 D INIF KKC

T. R. S. 010

P/D 13N 18E

PHOTO 4-24

DT.FID. 1974

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NOV 01 1994

POINT OF  
INTERSECTION

PO #1

PO #4

PO #2

①

9

10 ft  
Quartz Ave

2

PO #3

18 ft  
Quartz Ave

A72-001068 A72-00109D  
 CLAIM A72-10486 & A72-04174  
 INIT KKC  
 T. R. S. Q/Q enlarged  
 P/D (multiple) 200%  
 PHOTO ID. BLM-5-78-21 7-1-88  
 FLIGHT

POOR ORIGINAL

P/D3

6" PIPE

P/D FOR DAMESTES  
 CLAIM A72-16274

3

MINE PORTAL

P/D #4

12" PVC PIPELINE  
 (BURIED)

POINT  
 OF INTERSECTION  
 DAUGHTERY

P/D1

P/D2

SPRING  
 JUST OFF  
 MAP

P/D #1 SEC 3 SE NW SE  
 P/D #2 SEC 3 SE NE SE  
 P/D #3 SEC 2 SW NE NW LT3  
 P/D #4 SEC 3 NW NE SW  
 POINT OF INTERSECTION SEC 3 NW NE SW  
 POINT OF REDIRECTION SEC 3 SE NE SE  
 (SAME POINT AS P/D #1)

SCALE: 1" = 1333'

$$CA = \frac{(1333)^2 \times .009699}{43,560} = .3956$$

REPRODUCTION  
 NOV 13 1994

POOR ORIGINAL

SYSTEM CLAIM NUMBERS

AGENT

INITIALS

DATE

| CLAIM NO.<br>OR ENTRY<br>ORDER | REMARK<br>CODE | ENTRY DATA                                                        | CONDITION<br>CODE | STAGE<br>OR<br>STATUS | PRESUMPTION<br>CODE |
|--------------------------------|----------------|-------------------------------------------------------------------|-------------------|-----------------------|---------------------|
|                                | F06            | 72-00106B, 72-00109C & 72-10486                                   |                   |                       |                     |
|                                | E12            | 2.26 CFS (legal limit of excess flow analysis)                    |                   |                       | C03 *               |
|                                |                | 62.5 AFA                                                          |                   |                       | C05 *               |
|                                |                | 25 Acres claims 72-00106B, 72-00109C, 72-10486                    |                   |                       |                     |
|                                | E12            | modified to reflect overlap with 72-04174 (delete rate reference) |                   |                       |                     |
|                                |                | 77.5 AFA                                                          |                   |                       |                     |
|                                |                | 31 Acres                                                          |                   |                       |                     |
|                                |                | 72-00106B, 72-00109C                                              |                   |                       |                     |
|                                |                | 72-10486 & 72-04174                                               |                   |                       |                     |

\* P/Ds & P/U for 72-00106B changed through an unrecorded transfer (warranty deed 130824)

72-00109C claimed as decreed.

72-10486 represents an excess flow claim valid 1 day after the decree.

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POOR ORIGINAL

RECEIVED

JAN 24 1994

Kelly Christensen  
Water Agents Adjudication Bureau  
Department of Water Resources  
222 Shoshone St. East  
Twin Falls, ID 83301

Department of Water Resources  
Southern Region Office

CONCERNING: Water Claim A72-11733, Daugherty Spring water right

Dear Kelly:

This next Friday I'm planning to drop in to meet with you concerning claims A72-00106B and A72-00109C, but I would also like to discuss the Daugherty Spring Claim mentioned above. To help prepare you for the matter I would like to go on record with the following affidavit:

This 21st day of January 1994, I, Christopher W. James, do hereby swear the following to be to be true, so help me God:

In January 1991 I purchased the Stark Ranch from the Shama bankruptcy which I later renamed the Living Waters Ranch. Along with the ranch came its attendant water rights.

The Stark Ranch was purchased by the Shama Partnership to acquire specifically the Daugherty Spring water right which came forth from Shama's main portal. The earthquake in October 1983 moved the exit of the spring 150 yards ENE to a point within the mine portal approximately 125 feet from its opening.

During the summer of 1991 I vigorously worked the little brook created by the spring to increase the water supply entering the irrigation ditch built by a previous owner. I know I specifically spent at least one whole day moving rocks and digging the brook out to increase the flow and cut down the subbing into the Daugherty Gulch drainage. It worked and I was able to get enough water that dry year to the ranch.

Quite possibly I don't understand the law correctly. I thought by my using the water right and maintaining it by working it all the way to its source, it would protect the water right all the way to its source. Yet you told me you were thinking of recommending a change from Daugherty Spring to Daugherty Gulch.

My intention for the water has always been to convert it to commercial use and some day to bottle and sell the water. In fact I planned to complete the application when we met. It may be helpful to review my affidavit dated 6/29/93.

Hopefully, you will reconsider your recommendation. In any case I'm planning to meet with you next Friday afternoon.

Yours Truly,

*Christopher W. James*

Christopher W. James  
Trustee of the Christopher W. James Trust

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NOV 01 1994