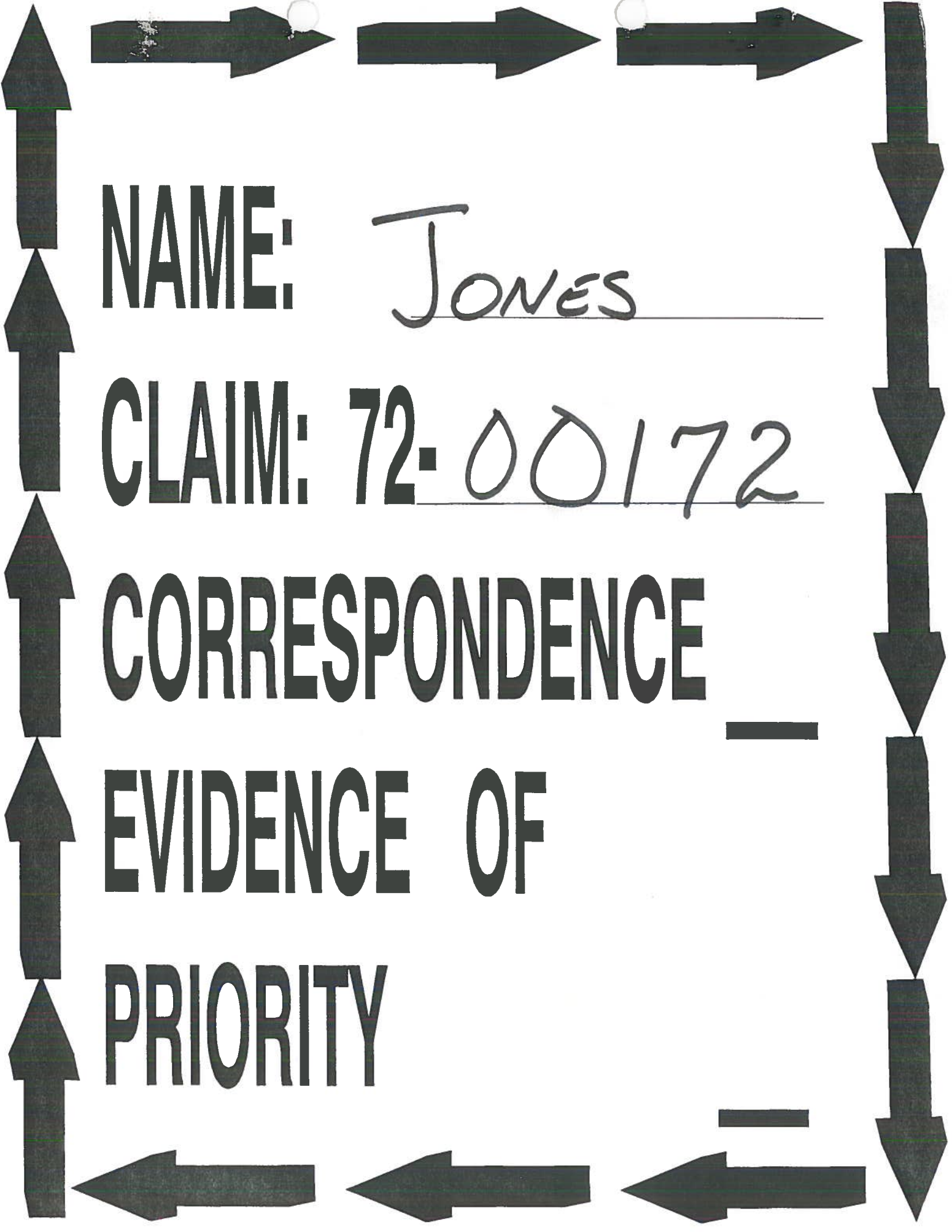




NAME:

JONES

CLAIM: 72-00172

CORRESPONDENCE

EVIDENCE OF

PRIORITY

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: A72-00172
Date Received: 1/10/1990
Receipt No: 5010912
Received By: FD

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: VERL JONES
Address: H.C. 82 BOX 4020
CHALLIS, ID 83226

AND/OR

Name: TUDDIE JONES
Address: H.C. 82 BOX 4020
CHALLIS, ID 83226

2. Date of Priority: MAY 01, 1916

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

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
17N	19E	20	SE	SW			CUSTER
		29	NW	SW			CUSTER
		31	SE	NE			CUSTER

5. Description of diverting works:
THREE CHECKDAMS TO EARTHEN DITCHES FOR FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.700		

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

8. Total consumptive use is 405.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
17N	19E	29	SW	SW		IRR	11.0
			Section Acres				11.0
		30	SW	SE		IRR	11.0
			SE	SE		IRR	13.0
			Section Acres				24.0
		31	NE	NE		IRR	40.0
			NW	NE		IRR	15.0
			SW	NE		IRR	3.0
			SE	NE		IRR	34.0
			NE	SE		IRR	27.0
			Section Acres				119.0
		32	NW	NW		IRR	8.0
			Section Acres				8.0
			Total Acres				162.0

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:

A72-00171, A72-10412, A72-10413 & A75-02169

14. Remarks:

P. U. IS H. E. S. #70 AND SOME PUBLIC LAND OUTSIDE OF H.E.S. #70
THAT HAS BEEN IRRIGATED FOR MANY YEARS UNDER SPECIAL USE.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date:

IVAN HUGHES ET AL
Decree Plaintiff

vs

VAL JONES 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: See Map A72-00171

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): Verl Jones Date: Jan 10 1990

Date: _____

State of Idaho)
County of Twila F. 16) SS.

Subscribed and sworn (or affirmed) before me this 10th day
of Jan 19 90

[Signature]
Notary Public

Seal

Residing at Kilbuck, IL
My Commission Expires 6/30/94

AJ0743NP
(00-124)

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

10/01/98 10:02:12

Page 1

Water Right Number - R72-00172

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***

JONES

VERL

1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000
1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000

State- ID Zip- 83226

JONES

TUDDIE

State- ID Zip- 83226

Priority Date - 05/01/1916 Region - 17 SOUTHERN D - DECREED Status -

Source - MORGAN CREEK Tributary - SALMON RIVER

Trn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion
17N	19E	20	SE SE SW			(37) CUSTER	
		29	NW SW SW			(37) CUSTER	
		32	NW SW NW			(37) CUSTER	

01 - IRRIGATION

04/15 10/15

0.700

Total Div. Rate - 0.700 Total Div. Volume - 0.0 Total Consumptive Use - 0.0 KW Usage -

Trn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
17N	19E	29	SW SW		11.0	01 IRRIGATION			(37) CUSTER
17N	19E	30	SW SE		9.0	01 IRRIGATION			(37) CUSTER
17N	19E	30	SE SE		12.0	01 IRRIGATION			(37) CUSTER
17N	19E	31	NE NE		41.0	01 IRRIGATION			(37) CUSTER
17N	19E	31	NW NE		13.0	01 IRRIGATION			(37) CUSTER
17N	19E	31	SW NE		1.0	01 IRRIGATION			(37) CUSTER
17N	19E	31	SE NE		35.0	01 IRRIGATION			(37) CUSTER
17N	19E	31	NE SE		27.0	01 IRRIGATION			(37) CUSTER
17N	19E	32	NW NW		10.0	01 IRRIGATION			(37) CUSTER
17N	19E	32	SW NW		3.0	01 IRRIGATION			(37) CUSTER

Total Acres: 162.0

- - - Diversion Means - THREE CHECKDAMS TO EARTHEN DITCHES FOR FLOOD IRRIGATION

*8/11 includes ground water
ground water use of ground water
H&S boundary not determined
H&S to determine horse
B.T.T. Area KHC*

Prefix Translation: RESEARCH

+ - - Other Rights for Same Use - 72-00171, 72-00173, 72-00174 72-16108 & 75-02169

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF
A COMBINED TOTAL OF 162 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00171, 72-00172, 72-00173, 72-00174,
72-16108 AND 75-02169.

GEN RIGHTS HAVE ALSO BEEN CLAIMED TO WATER FROM BASIN 75 FOR THE SAME PURPOSE OF USE AT THE SAME PLACE OF USE DESCRIBED ABOVE, WHICH WILL BE INCLUDED IN A DIRECTOR'S REPORT TO BE FILED AT A LATER DATE. ANY WATER RIGHTS RECOMMENDED IN THE BASIN 75 REPORT FOR THE SAME PURPOSE OF USE AT THE SAME PLACE OF USE DESCRIBED ABOVE WILL CONTAIN REMARKS LIMITING THE COMBINED USE OF THIS RIGHT AND THE BASIN 75 RIGHTS.

PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 70.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH THE POINTS OF
DIVERSION DESCRIBED ABOVE: 72-00171, 72-00172, 72-00173, 72-00174,
AND 72-16108.
75-02169 IS REDIVERTED THROUGH THE SAME POINTS OF DIVERSION.

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

```

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

```

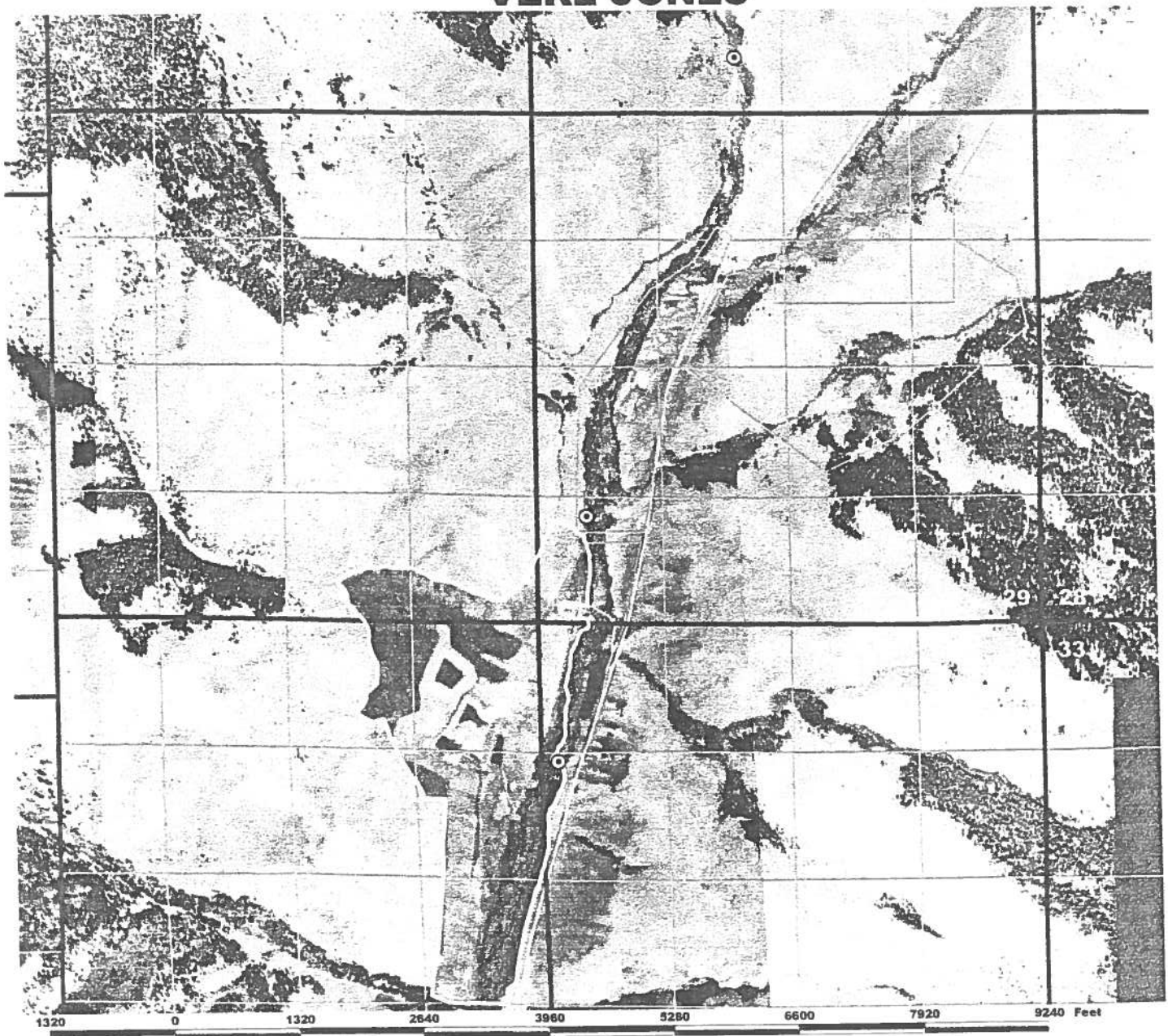
Decree Plaintiff	Decree Defendant	Decree Date
IVAN HUGHES ET AL	VAL JONES ET AL	05/02/1935

-----+-----
 Date: 12/20/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS
 P. U. IS H. E. S. #70 AND SOME PUBLIC LAND OUTSIDE OF H.E.S. #70 THAT HAS BEEN IRRIGATED FOR MANY YEARS UNDER SPECIAL USE

10/01/98 KCHRISTE

[illegible]

**72-00171, 72-00172, 72-00173,
72-00174, 72-16108, & 75-02169
MORGAN CREEK RIGHTS
VERL JONES**



**RECOMMENDED PLACE OF USE
TWP 17N. RNG 19E,
SEC 29, 30, 31, & 32
data entry on August 1, 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**

Recommendation Review 10-2-98

Based upon GIS acres were shifted in some Q Q's but the overall P/U was not changed.

The legals for some P/D's were also corrected based upon the GIS system.

The revised Hubble Analysis continued to indicate a required diversion rate that is in excess of the combined claimed rates and the system capacity. The limiting factor is still the system capacity, therefore the div rates were not adjusted.

KKC



KELLY K CHRISTENSEN
SR WATER RESOURCE AGENT
IDAHO DEPT OF WATER RESOURCES
SOUTHERN REGION

REVIEW OF IRRIGATION RATES BASED UPON 1995 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

72-00171, 72-00172, 72-00173
72-00174, 72-6108, 75-02169

DATE: 10-2, 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
BBD						
BC1	.16	.17			5.82	5.46
BK1	.07	.06			10.62	11.86
BT1	.18	.16			3.99	4.19
BT2	.41	.32			2.34	2.87
CB1	.06	.06			11.55	13.47
CHA	.21	.21			4.52	4.76
CP1	.36	.36			2.61	2.78
DB1	.13	.11			5.66	6.65
DBB	.13	.11			5.71	6.69
DBC	.13	.11			5.71	6.69
DMF	.18	.21			5.12	4.72
DT2	.05	.04			12.46	16.50
DWA	.14	.14			4.79	5.01
GO1	.10	.12			12.47	10.51
HAYSE						
KEG	.08	.07			8.73	10.06
MUG	.15	.14			4.54	4.98
NDL	.13	.12			5.30	6.06

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
PD2	.11	.12			5.15	4.74
RE2	.29	.21			3.15	4.74
RP1	.19	.21			4.89	4.57
SH1	.06	.05			9.37	12.10
SOC	.08	.07			7.38	8.08
SSA	.15	.14			4.79	5.01
SXF	.12	.11			6.14	6.80
TC1	.06	.06			9.82	9.55
TD1	.04	.03			12.46	16.50
WB2	.13	.13			5.37	5.43
WAA	.19	.16			3.81	4.23
WBB	.17	.14			3.36	3.84
WC1	.07	.06			11.24	13.45
WPT	.19	.15			3.16	3.69
WV1	.07	.06			11.24	13.45
XHS						
YN1	.18	.14			5.38	6.92

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

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

SOIL TYPE	OPTIMAL ROTATION / (chart)	ACTUAL ROTATION / (field)	ACRES PER SOIL TYPE (field)	RATE PER ACRE (chart)	TOTAL DIVERSION RATE
BC1	5.82	10	162	1.16	15.08 CFS
					CFS
					CFS
					CFS

TOTAL ACRES _____

DECREED RATE = _____

CLAIMED DIVERSION RATE = _____

MEASURED DIVERSION RATE = _____

LAIM NUMBER

72-00171

72-00172

DATE

10-1-98

72-00173

72-00174

72-16108

AGENT

KKC

75-02169

TRANSFER NUMBER

CLAIMED ACRE TOTAL

162

GIS ACRE TOTAL

162

				NE				NW				SW				SE			
	TWP	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	17N	19E	29											11					
GIS			29											10.9					
RECOM														11					11
CLAIM	17N	19E	30															11	13
GIS																		8.6	12
RECOM																		9	12 21
CLAIM	17N	19E	31	40	15	3	34									27			
GIS				41.1	12.8	3	35									26.8			
RECOM				41	13	1	35									27			117
CLAIM	17N	19E	32							8	0-								
GIS										9.6	30								
RECOM										10	3								13

B72-DBPOU.SHP

SHAPE NOS.

94

B72-DBPOD.SHP

NOS.

DESCRIPTION

31

Sec 20 SESESW

32

Sec 29 NWSWSW

33

Sec 32 NWSWNW

DBF TABLES UPDATED

B72-DBPOU.DBF

10-2

B72-DBPOD.DBF

11



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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

January 10, 1997

Russ Camper
Challis Ranger District
H.C. 63
Box 1669
Challis, ID 83226

Dear Mr. Camper:

Pursuant to your recent request, I have enclosed copies of proof reports of Verl Jones' water rights out of Morgan Creek and Otter Creek. The proof reports I have enclosed, are based on "R-Records" for Mr. Jones' water rights. These records are summaries of the department's initial Snake River Basin Adjudication recommendation for Mr. Jones' water rights based on preliminary fieldwork. These recommendations have not yet been filed with the court, so they may be subject to possible changes. However, these records are the most current and accurate reflection of Mr. Jones' water rights. Please find the following proof reports enclosed:

R75-02169

This is the water right diverted out of Otter Creek and then used in the Morgan Creek drainage. Mr. Jones uses this water on two portions of land, upper (land within Township 17 North, Range 19 East) and lower (land within Township 15 North, Range 19 East).

R72-00171, R72-00172, R72-00173, R72-00174, and R72-16108
These water rights are used on the upper portion of land (within Township 17 North, Range 19 East) in the Morgan Creek drainage. The water diverted out of Otter Creek is also used with these rights.

R72-10412A, R72-10413A, and R72-16107

These water rights are used on the lower portion of land (within Township 15 North, Range 19 East) in the Morgan Creek drainage. The water diverted out of Otter Creek is also used with these rights.

January 10, 1997

Page 2

Hopefully these proof reports will provide you with the information that you need. If you have specific questions concerning these particular water rights, you may want to contact Kelly Christensen of this office. Mr. Christensen is the adjudication agent who conducted the field review for these particular water rights and he should be pretty familiar with them.

If you have any questions, feel free to contact this office at your convenience.

Sincerely,

A handwritten signature in cursive script, appearing to read "Corey Skinner".

Corey Skinner, EIT
Dam Safety Section

Enclosures



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 2148 4th Ave. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

05-Dec-1989 13:56

Verl Jones
H.C. 82 Box 4020
Challis, Idaho 83226

RE: Snake River Basin Adjudication

Dear Mr. Jones:

Please find enclosed proof reports for the water rights listed in your name in our water rights records. These water right proof reports are the ones in which the numbers are highlighted in red. As you may recall I told you that I could generate completed claim forms from our records however after reviewing the records it appears that the acres irrigated are not listed on many of the rights so I was not able to generate the claims as I previously indicated. Please note however, the proof reports should aid you in completing the forms which you were provided when we met in Challis.

Please also find enclosed two proof reports for claims already filed by Netta Jones in the adjudication. These proof reports are the ones in which the numbers are highlighted in blue. Netta's claims are based on two of the rights in which your name appears.

If you need further assistance in filing your claims I suggest that you schedule an appointment with either our office or the Idaho Falls office.

Sincerely,

Allen Merritt
Water Rights Supervisor

Encl:

A72-00172

041884

04188

04189

10412

10413

A72-00155

00156

00157

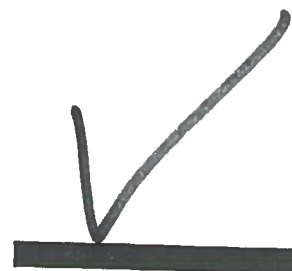
00171

10225-Netta

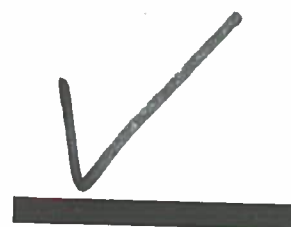
A75-02169

DEC 03 1996

R PROOF



CVR



MAPS

*orig in
72-00171*

PHOTOS

*see
00171*

MISC

*orig in
00171*

Water Right Number - R72-00172

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
JONES
Last Name
First Name
VERL
Address
1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000
1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000
State- ID Zip- 83226
State- ID Zip- 83226

JONES

TUDDIE

Priority Date - 05/01/1916
Region - 17 SOUTHERN
D - DECREED
Stage -
Status -

Source - MORGAN CREEK
Tributary - SALMON RIVER

Diversion Point of Diversion
Diversion Rate
Diversion Volume

Code	Description	Period from	Period to	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		04/15	10/15	0.700		

Total Div. Rate - 0.700
Total Div. Volume - 0.700
Total Consumptive Use - 0.0
KW Usage -

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
17N	19E	29	SW SW		10.0	IRRIGATION	01	(37) CUSTER	
17N	19E	30	SW SE		11.0	IRRIGATION	01	(37) CUSTER	
17N	19E	31	SE SE		15.0	IRRIGATION	01	(37) CUSTER	
17N	19E	31	NE NE		40.0	IRRIGATION	01	(37) CUSTER	
17N	19E	31	NW NE		16.0	IRRIGATION	01	(37) CUSTER	
17N	19E	31	SW NE		2.0	IRRIGATION	01	(37) CUSTER	
17N	19E	31	SE NE		35.0	IRRIGATION	01	(37) CUSTER	
17N	19E	31	NE SE		25.0	IRRIGATION	01	(37) CUSTER	
17N	19E	32	NW NW		7.0	IRRIGATION	01	(37) CUSTER	
17N	19E	32	SW NW		1.0	IRRIGATION	01	(37) CUSTER	

Total Acres: 162.0

MICROFILMED
NOV 01 1994

VERIFIED BY KKC
12-20-93

Prefix Translation: RESEARCH

+ - - Non-Irrigation Use - NONE

+ - - Other Rights for Same Use - 72-00171, 72-00173, 72-00174 72-16108 & 75-02169

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 72-00171, 72-00173, 72-00174, 72-16108 AND 72-02169 IS REDIVERTED THROUGH THE SAME POINTS OF DIVERSION. USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 9.27 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 405 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 162 ACRES IN A SINGLE IRRIGATION SEASON. COMBINED RIGHT NOS.: 72-00171, 72-00173, 72-00174, 72-16108 AND 72-02169.

RIGHTS HAVE ALSO BEEN CLAIMED TO WATER FROM BASIN 75 FOR THE SAME PURPOSE OF USE AT THE SAME PLACE OF USE DESCRIBED ABOVE, WHICH WILL BE INCLUDED IN A DIRECTOR'S REPORT TO BE FILED AT A LATER DATE. ANY WATER RIGHTS RECOMMENDED IN THE BASIN 75 REPORT FOR THE SAME PURPOSE OF USE AT THE SAME PLACE OF USE DESCRIBED ABOVE WILL CONTAIN REMARKS LIMITING THE COMBINED USE OF THIS RIGHT AND THE BASIN 75 RIGHTS.

PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 70.

003 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
- PURSUANT TO IDAHO CODE 42-1416A.

	Date	12/20/1993	User Id:	CHRISTEN	Subject:	COPIED FROM REMARKS	Comments-
P I L S H F S #70	AND SOME PUBLIC LAND OUTSIDE OF H.E.S. #70	THAT HAS BEEN IRRIGATED FOR MANY YEARS UNDER SPECIAL USE					

12/20/93 CHRISTEN

Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	- 08/03/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	-	Old Case Number	-
Response Filed Date	- 00/00/0000	12/20/1993	Old Judicial District	-
Claim Received Date	- 01/10/1990	- 00/00/0000	Temporary Right	- P
		S010912	Water District	- 72P
PDU Ownership Flag	-	- Y	Federal/State Indicator	- S
Name Connector	-	- AND/OR	Presumption Flag	- C

NOV 01 1994
MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

11:25:33
05/30/92

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A72-00172

LAST: JONES
ADDRESS: H.C. 82 BOX 4020
CITY: CHALLIS
PHONE NUMBER: 208-000-0000

FIRST: VEKL

STATE: ID ZIP: 83226

OWNER CODE: C

~~LAST: TUVNEK
ADDRESS: H.C. 82 BOX 4020
CITY: CHALLIS
PHONE NUMBER: 208-000-0000~~

FIRST: EST. OF GEORGE M.

STATE: ID ZIP: 000

~~OWNER CODE: D~~

LAST: JONES
ADDRESS: H.C. 82 BOX 4020
CITY: CHALLIS
PHONE NUMBER: 208-000-0000

FIRST: TUDDE

STATE: ID ZIP: 83226

OWNER CODE: C

FIELD EXAM REQUIRED?

DATABASE FIELD
EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

Y

CLAIM REMARKS: P. U. IS H. E. S. #70 AND SOME PUBLIC LAND OUTSIDE OF H. E. S. #70
THAT HAS BEEN IRRIGATED FOR MANY YEARS UNDER SPECIAL USE.

MICROFILMED
MAY 01 1994

PHONE NUMBER: ()

[illegible]

MICROFILMED

DEC 01 1994

A. AJ CLAIM: # A72-00172 PRIORITY DATE: 05-01-1916 STAGE: D

B. WR RECORD: # 72-00172 PRIORITY DATE: 05-01-1916 STAGE: D

C. FIELD EXAM REQUIRED?

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

FIELD EXAMINER

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

REMARKS:

*Claimed priority date matches deceased date
& found P/u matches deceased P/u*

Therefore Accept as claimed.

RECOMMENDED PRIORITY DATE:

05-01-1916

REVIEWED BY

KKC

DATE *12-20-93*

MICROFILMED
NOV 01 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-00172	17N	19E	20		SE	SW		CUSTER
A72-00172	17N	19E	29		NW	SW		CUSTER
A72-00172	17N	19E	31		SE	NE		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX
A72-00171
A72-10412
A72-10413
A75-02169

WR RECORDS IN SAME 40 ACRE TRACT

72-00171
72-00173
72-00174
72-04185
75-02169

SOURCE: MORGAN CREEK

TRIB: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
72-00172	17N	19E	20		SE	SW		CUSTER
72-00172	17N	19E	29		NW	SW		CUSTER

OTHER WR RECORDS WITH SAME WR POD

72-00171
72-00173
72-00174
72-04185
75-02169

AJ CLAIMS IN SAME 40 ACRE TRACT

A72-00171
A72-10225
A72-10412
A72-10413
A75-02169

SOURCE: MORGAN CREEK

TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

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REMARKS:

Found additional P/O's. Found legal decs of the others slightly different than claimed. Discrepancy is based upon more accurate mapping rather than an actual change in physical location. Current physical location appears to be the same location as deced. Not chg in dec. with cord code CDS 2

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

17N 19E 20
29
32
SOURCE: MORGAN
NE SE SW
NW SW NW
NIB: CHUMON RIVER

REVIEWED BY: TKC DATE: 12-20-83

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A. ROOT WATER RIGHT NUMBERS: A72-00172
A72-10412

A72-10413

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECORD ACRES
17N	19E	29	SW	SW		JONES, VERL	A72-00172 /11.0	72-00172 /			9.0
			SW	SW		JONES, VERL	A72-10412 /11.0				
			SW	SW		JONES, VERL	A72-00171 /11.0	72-00171 /			
			SW	SW		JONES, VERL	A72-04188A /6.0				
			SW	SW		JONES, VERL	A72-10413 /11.0				
			SW	SW		JONES, VERL	A75-02169 /11.0				
			SW	SW		TURNER, EST. OF GEORGE M.	72-00173 /				
			SW	SW		TURNER, EST. OF GEORGE M.	72-00174 /				
			SW	SW		JONES, VERL	72-04185 /6.0				
			SW	SW		JONES, VERL	72-04188 /6.0				
17N	19E	30	SW	SE		JONES, VERL	A72-00172 /11.0	72-00172 /			19.0
			SW	SE		JONES, VERL	A72-10412 /11.0				
			SW	SE		JONES, VERL	A72-00171 /11.0	72-00171 /			
			SW	SE		JONES, VERL	A72-10413 /11.0				
			SW	SE		JONES, VERL	A75-02169 /11.0				
			SW	SE		TURNER, EST. OF GEORGE M.	72-00173 /				
			SW	SE		TURNER, EST. OF GEORGE M.	72-00174 /				
			SW	SE		JONES, VERL	72-04185 /4.0				
17N	19E	30	SE	SE		JONES, VERL	A72-00172 /13.0	72-00172 /			19.0
			SE	SE		JONES, VERL	A72-10412 /13.0				
			SE	SE		JONES, VERL	A72-00171 /13.0	72-00171 /			
			SE	SE		JONES, VERL	A72-10413 /13.0				
			SE	SE		JONES, VERL	A75-02169 /13.0				
			SE	SE		TURNER, EST. OF GEORGE M.	72-00173 /				
			SE	SE		TURNER, EST. OF GEORGE M.	72-00174 /				
			SE	SE		JONES, VERL	72-04185 /23.0				
17N	19E	31	NE	NE		JONES, VERL	A72-00172 /40.0	72-00172 /			40.0
			NE	NE		JONES, VERL	A72-10412 /40.0				
			NE	NE		JONES, VERL	A72-00171 /	72-00171 /			
			NE	NE		JONES, VERL	A72-10413 /40.0				
			NE	NE		JONES, VERL	A75-02169 /40.0				
			NE	NE		TURNER, EST. OF GEORGE M.	72-00173 /				
			NE	NE		TURNER, EST. OF GEORGE M.	72-00174 /				
			NE	NE		JONES, VERL	72-04185 /39.0				
17N	19E	31	NW	NE		JONES, VERL	A72-00172 /15.0	72-00172 /			23.0
			NW	NE		JONES, VERL	A72-10412 /15.0				

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NOV 01 1994

CLAIM NUMBER: A72-00172

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
17N	19E	31	SW	NE		JONES, VERL	A72-00171	715.0	72-00171	/	
						JONES, VERL	A72-10413	/15.0	75-02169	/	25.0
						JONES, VERL	A75-02169	/15.0	72-00173	/	
						TURNER, EST. OF GEORGE M.	72-00174	/	72-00174	/	
						TURNER, VERL	72-04185	/ 1.0			
						JONES, VERL	A72-00172	73.0	72-00172	/	5.0
						JONES, VERL	A72-10412	/ 3.0	-	/	
						JONES, VERL	A72-00171	/ 3.0	72-00171	/	
						JONES, VERL	A72-10413	/ 3.0	-	/	
						JONES, VERL	A75-02169	/ 3.0	75-02169	/10.0	
17N	19E	31	SW	NE		TURNER, EST. OF GEORGE M.	72-00173	/	72-00173	/	
						TURNER, EST. OF GEORGE M.	72-00174	/			
						JONES, VERL	A72-00172	734.0	72-00172	/	34.0
						JONES, VERL	A72-10412	/34.0	-	/	
						JONES, VERL	A72-00171	/34.0	72-00171	/	
						JONES, VERL	A72-10413	/34.0	-	/	
						JONES, VERL	A75-02169	/34.0	75-02169	/30.0	
						TURNER, EST. OF GEORGE M.	72-00173	/	72-00173	/	
						TURNER, VERL	72-00174	/	72-00174	/	
						JONES, VERL	72-04185	/29.0			
17N	19E	31	SE	NE		JONES, VERL	A72-00172	727.0	72-00172	/	28.0
						JONES, VERL	A72-10412	/27.0	-	/	
						JONES, VERL	A72-00171	/27.0	72-00171	/	
						JONES, VERL	A72-10413	/27.0	-	/	
						JONES, VERL	A75-02169	/27.0	75-02169	/15.0	
						TURNER, EST. OF GEORGE M.	72-00173	/	72-00173	/	
						TURNER, EST. OF GEORGE M.	72-00174	/	72-00174	/	
						JONES, VERL	72-04185	/12.0			
						JONES, VERL	72-04186	/ 5.0			
						JONES, VERL	A72-00172	78.0	72-00172	/	14.0
17N	19E	32	NW	NW		JONES, VERL	A72-10412	/ 8.0	-	/	
						JONES, VERL	A72-00171	/ 3.0	72-00171	/	
						JONES, VERL	A72-04184	/ 6.0	-	/	
						JONES, VERL	A72-10413	/ 8.0	-	/	
						JONES, VERL	A75-02169	/ 8.0	-	/	
						TURNER, EST. OF GEORGE M.	72-00173	/	72-00173	/	
						TURNER, EST. OF GEORGE M.	72-00174	/	72-00174	/	
						JONES, VERL	72-04185	/19.0			
						JONES, VERL	72-04186	/ 2.0			
						JONES, VERL	72-04188	/ 6.0			
TOTAL ACRES							A72-00172	162.00			

See 32 sub

7

25

35

2

14.00

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See 32 sub 100
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7

25

35

2

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y() NO()
IF YES SEE ATTACHED SHEET:

C. FIELD EXAM REQUIRED? FIELD EXAMINER POU COUNTY: CUSTER

DUE TO POU DISCREPANCY? (Y/N) Y

PRESUMPTION FLAG: D

REMARKS:

See Attached system analysis
dated 12-17-93

RECOMMENDATIONS:

TOTAL ACRES: 162

REVIEWED BY: KKC

DATE: 12-20-93

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PURPOSES
A72-00172 IRRIGATION

MONTH/DAY	DIVERSION QUANTITY
FROM 04-01 TO 11-01	700 CFS
15 10 15	700 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED	700 CFS

RECORDED USES:

DEFINITION FLAG: D

C. FIELD EXAM REQUIRE?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?	RECOMMEND TO WR STANDARDS OR OTHER?	Y(____) N(____)	Y(X) N(____)	Explain in remarks, below.

REMARKS:

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y (X) N ()

AJ TOTAL CLAIMED DIVERSION RATE: 0.700 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.700 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

MEASUREMENT METHOD

See Attached FLOW MEASUREMENT, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: A72-00171, A72-10412, A72-10413 & A75-02169

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-00172	MORGAN CREEK	JONES, VERL	0.700	0.004		
A72-00171	MORGAN CREEK	JONES, VERL	1.500	0.009		
A72-04188A	CORRAL CREEK	JONES, VERL	0.630	0.052		
A72-10412	MORGAN CREEK	JONES, VERL	1.700	0.008		
A72-10413	MORGAN CREEK	JONES, VERL	1.000	0.005		
A75-02169	OTTER CREEK	JONES, VERL	4.000	0.020		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

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D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1b. CALCULATIONS

1a. IRRIGATION RATE
ACRES 142 $\times$ 0.02 CFS/ACRE = 3.24 CFS
(Taken from p/u review)

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 405.0 AE/A

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

TOTAL CONSUMPTIVE USE AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

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

TOTAL DIVERSION VOLUME AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

*combined
see attached
Remarks*

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

RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

IRRIGATION

04-21 11-01
15 10 15

DATABASE EXAMINER
0.700 0.700

DATABASE EXAMINER

DATABASE EXAMINER
405.0 405.0

TOTAL FOR THIS RIGHT

REVIEWED BY:

KKC

DATE:

12-20-93

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FOREIGN/ABANDON
ADDITIONAL DIV. AMOUNT

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

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-00172

TOTAL DIVERSION RATE OF WR SPLITS

~~N/A~~
DATABASE
2.700

EXAMINER

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
A72-00167	A72-00172	0.700	-	-	72-00172	0.700
A72-00169	A72-10412	1.700	-	-	72-00167	0.800
A72-00173	A72-10412	1.700	-	-	72-00169	0.400
A72-00168	A72-10413	1.000	-	-	72-00173	0.500
A72-00170	A72-10413	1.000	-	-	72-00168	0.200
A72-00174	A72-10413	1.000	-	-	72-00170	0.100
					72-00174	0.700

TOTAL CFS 8.800

2.700

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)

FIELD
EXAMINER
DATABASE
N

REMARKS:

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AUTHENTICATION:

SIGNATURE:

Robert J. Christman

DATE: 12-20-93

NAME OF FIELD EXAMINER:

TITLE:

SA Wade Rousace Ford

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

8-3-93 11:25:33
FERRY 05/30/92
CLAIM NUMBER: A72-00172

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		8-3-93 KNC	Y	N	12-20-93 KNC		
SOURCE			8-3-KNC	Y	N			
E OF USE	Y		"	Y	N	"		
DIV. AMOUNT CFS/VOLUME	Y		"	Y	N	"		
CONSUMPTIVE USE	-		"	Y	N	"		
PURPOSES			"	Y	N	"		
PERIOD OF USE	Y		"	Y	N	"		
BASIS OF CLAIM	Y		"	Y	N	"		
REMARKS	Y		"	Y	N	"		

12-11-92

See

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

See maps & notes in A72-00171

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

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MAPS USED: DATE: 1968
 ASCS 2-4
 ORTHO S-74 & S-75 1974
 NAPP USDA-F 1789-1194 120 9/4/91
 BLM SCS 5025 MAP 243-32

POOR ORIGINAL

CLAIM _____ INIT _____
T. R. S. Q/Q

P/D _____
PHOTO ID. 5-74 1974 Flight

A72-00171, 172, 173, 174
CLAIM 16108. 2169, 4188A INIT KKC
T. R. S. Q/Q

P/D _____
PHOTO ID. 5-75 1974 flight

MORGAN CR DIVERSTIONS	CORRAL CR DIVERSTION
17N 19E SEC 20 NE SESW	17N 19E
SEC 29 NWSWW	SEC 29
SEC 32 NWSWW	NWSENW

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CLAIM #72-00171-ek INIT KKC
T. R. S. 9/9
P/D See quad map for legal.
PHOTO USDA-F 1789-120
DT. & ID. 9-4-91 flight

FOR ORIGINAL

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P/D #1
HIGH LEAD
DITCH

MEASUREMENT

P/D #2
CORRAL CREEK
MEASUREMENT

DEWITT CREEK

P/D #4
BIG DITCH

MORGAN CREEK

P/D #3
2 DITCHES SAME DEVI

irr notation
 10 days via highline
 10 days via main ditch } concurrent
 no dry days. } irr.
 30 some tailwater from
 high line ditch reaches
 the main ditch on some
 sets.

CLAIMA 72-00171-174 KINIT KKC
 T. R. S. Q/Q
 P/D See other map enlarged
 PHOTO USDA/F 1789-119 2000
 DT. & ID. 9-4-91 flight

ORIGINAL

END
 OF HIGH-
 LINE
 DITCH
 (FROM NORTHERN
 P/D)

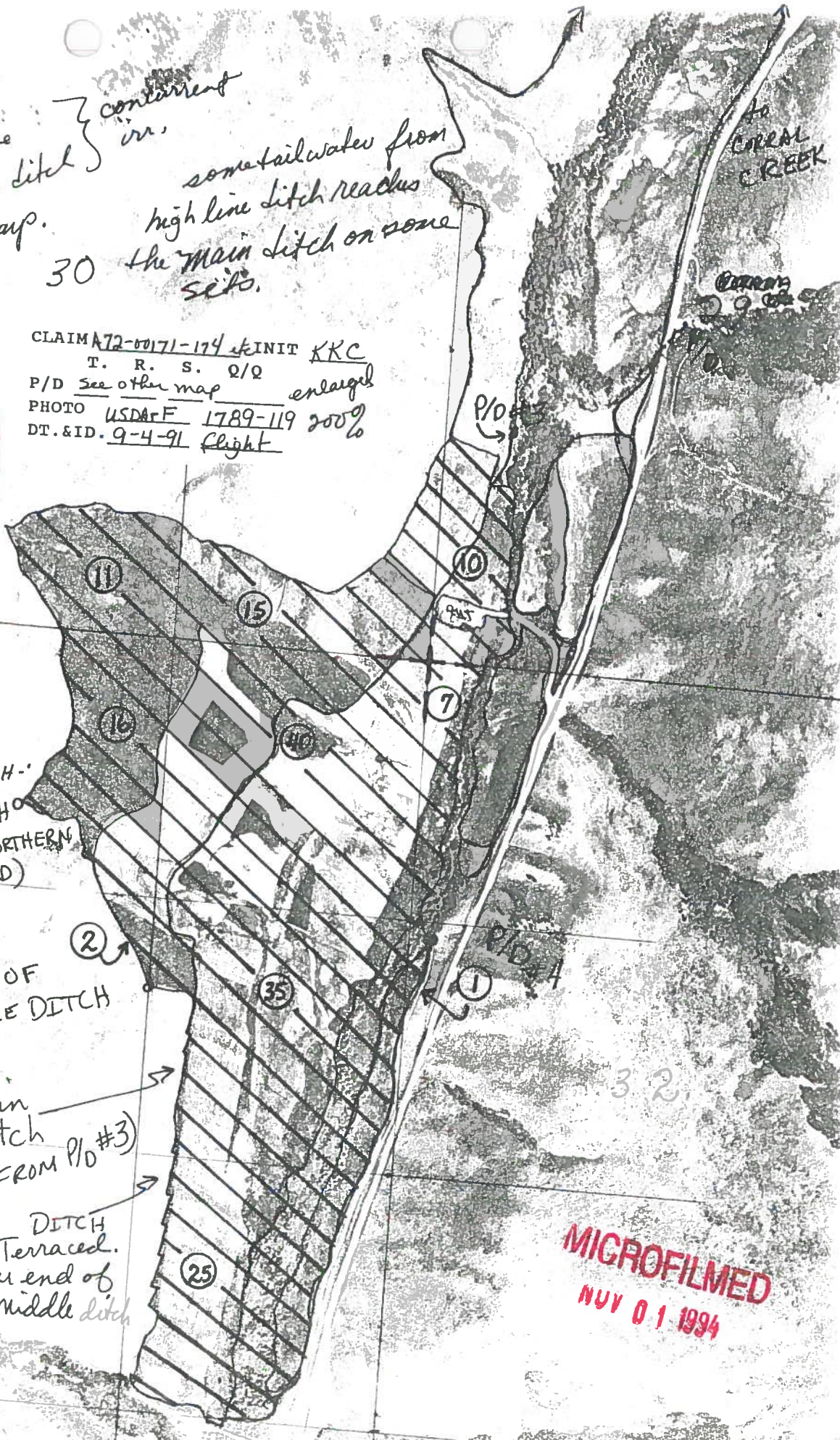
END OF
 MIDDLE DITCH

Main
 Ditch
 (FROM P/O #3)

DITCH
 Terraced.
 after end of
 middle ditch

TO
 CORRAL
 CREEK

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6-1 91

USDA-F

644060

1789-119

POOR ORIGINAL



Section overlay determined by
creating a transparency of the
Black Mountain 1974 Quad
map and aligning the roads
on each map and then marking
the section corners.

Reduced 71%

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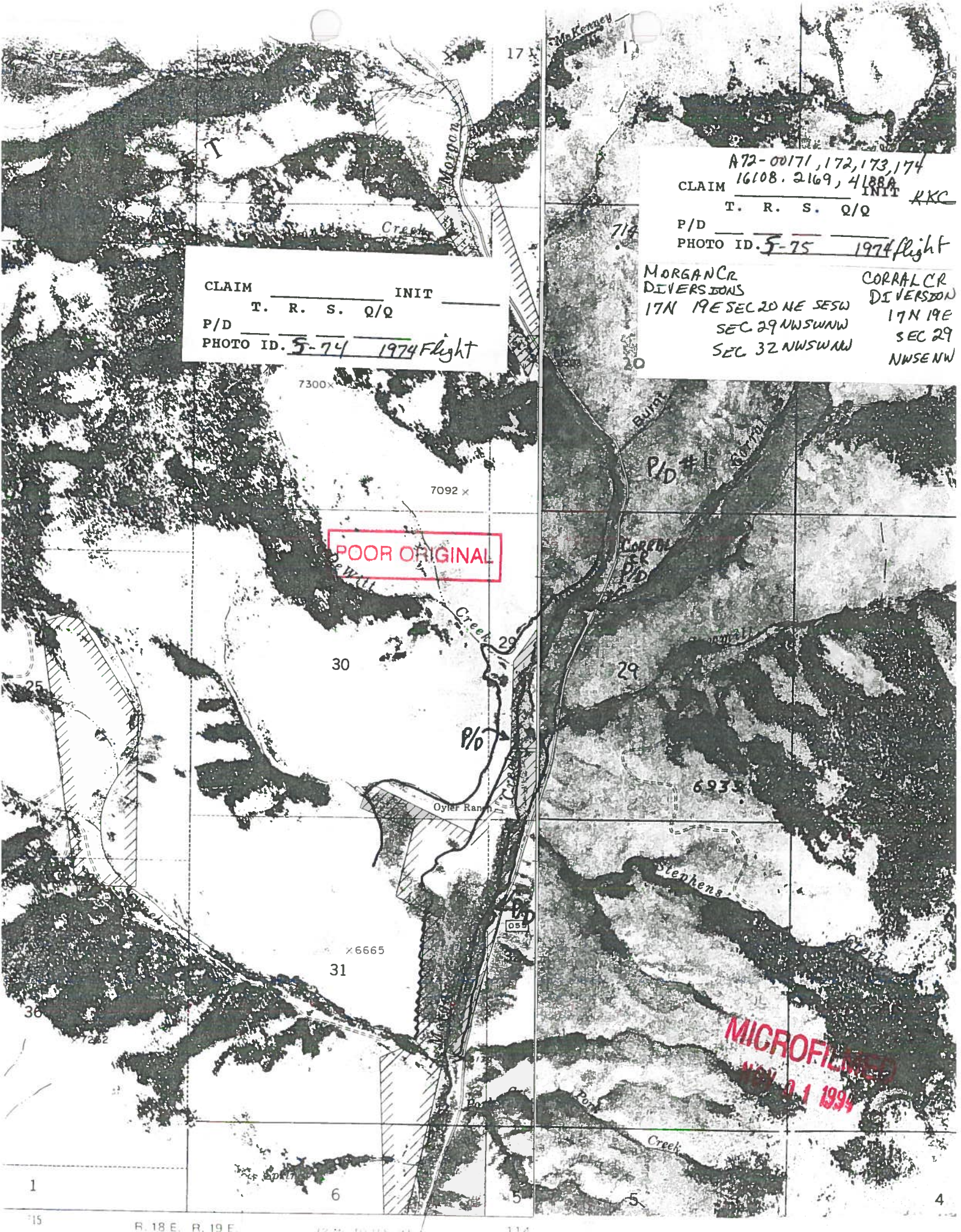
For A72-

CLAIM _____ INIT _____
 T. R. S. Q/Q
 P/D _____
 PHOTO ID. 5-74 1974 Flight

POOR ORIGINAL

A72-00171, 172, 173, 174
 CLAIM 16108. 2169, 4188A INIT KKC
 T. R. S. Q/Q
 P/D _____
 PHOTO ID. 5-75 1974 flight
 MORGAN CR DIVERSTIONS
 17N 19E SEC 20 NE SESW
 SEC 29 NWSWNW
 SEC 32 NWSWAN
 CORRAL CR DIVERSTION
 17N 19E
 SEC 29
 NWSENW

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 MAY 21 1994



FIELD EXAM ATTACHMENT

DATE: 12-23-93
BY: KKC

FILES: A72-00171, A72-00172,
A72-00173, A72-00174,
A72-16108, A72-10412A,
A72-10413A, A72-16107,
A72-04188A, A72-04189,
& A75-02169

SUBJECT: VERL JONES CLAIMS IDENTIFICATION BY AREA OF USE

Claims filed by Verl Jones represent two major independent operations on Morgan Creek and two minor uses, one from Corral Creek and another from an unnamed spring. Claim A75-02169 is a diversion from Otter Creek in basin 75 which is injected into Morgan Creek to be re-diverted on either major P/U depending on his current needs.

The northern system (aka HES-70) lays within T-17N, R-19E and consists of claims A72-00171, A72-00172, A72-00173, A72-00174, A72-16108, and A75-02169. The P/U for A72-04188A (source, Corral Cr.) joins this property along the northern and eastern border.

The southern system lays within T-15N, R-19E and consists of claims A72-10412A, A72-10413A, A72-16107, A72-04189, and A75-02169. The P/U for A72-04169 (source, Spring) joins this property along the southwestern border and also overlaps on the southern end of the P/U.

SUBJECT: COMBINED RIGHT/ SPLIT RIGHT ANALYSIS

The original claims A72-10412 and A72-10413 combined a total of 6 decreed rights covering three independent systems based upon similar priority dates. As the decreed P/U for rights 72-00173 and 72-00174 were tied to ground approximately 10 miles upstream of the other rights they were split from the base claims. 72-00173 and 72-00174 are included in the northern system analysis.

SPLIT CLAIM REVIEW					
<u>base claim</u>	acres	rate	claimed priority date	decreed priority date	
A72-10412 --	200	1.70 cfs	07-01-1921		
<u>split claims</u>					
A72-10412A	38	1.20 cfs	07-01-1921		
A72-00173	162	0.50 cfs	07-01-1921	05-01-1920	
split total	200	1.70			

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base claim

A72-10413 -- 200 1.00 cfs 09-14-1931

split claims

A72-10413A 38 0.30 cfs 09-14-1931

A72-00174 162 0.70 cfs 09-14-1931 09-14-1931

split total 200 1.00

COMBINED RIGHT WITHIN CLAIM, REVIEW

split claim

A72-10412A 38 1.20 cfs 07-01-1921

base decreed rights

72-00167 -- .80 cfs 05-01-1921

72-00169 -- .40 cfs 07-01-1921

total 1.20

split claim

A72-10413A 38 .30 cfs 09-14-1931

base decreed rights

72-00168 -- .20 cfs 09-14-1931

72-00170 -- .10 cfs 09-14-1931

total 0.30

CURRENT SYSTEM FOR A72-10412A, A72-10413A, A72-16107, &
A75-02169 THE SOUTHERN SYSTEM

The current system is three P/Ds delivering Morgan Creek water to a 33 acre P/U. The P/U is flood irrigated using a combination of wild flooding and contour ditch delivery. The P/U appears to be the same or nearly the same as the original decreed and/or transferred P/U although the legal descriptions do not exactly match. The ground irrigated under decreed rights 72-00169 and 72-00170 is no longer irrigated and the P/D is no longer used. These rights have been moved through an unrecorded transfer to the current P/U. Verl Jones did not remember when he abandoned the P/D in Sec 15 but he stated that it was more than five years ago. I am not recommending the use as decreed for ground in Sec 15 but rather recognizing the unrecorded transfer to ground in Sec 14 and 23 and recognizing that those rights are still valid as currently used.

CURRENT SYSTEM FOR A72-04189 (SPRING SOURCE)

The spring lays south of the Morgan Creek road and is collected into a ditch and then carried to the P/U through

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two separate culverts that go under the road. The northern culvert diverts water into a slew that roughly follows the road going southeast to eventually deliver water to the five overlapping acres. That culvert can be blocked to allow the water to flow southeast along the south side of the road to the second culvert where it then goes under the road to irrigate the one acre parcel that is isolated from the main body of the irrigated ground by the same slew described above. This acre can only be irrigated from the spring.

OVERLAPPING RIGHTS P/U ANALYSIS FOR THE SOUTHERN SYSTEM

A75-02169 (the Otter Creek diversion) utilizes the same delivery system and covers the same 33 acres as the above Morgan Creek source claims. This system also partially overlaps with a spring source claimed under A72-04189. A72-04189 is being recommended for the irrigation of 6 acres with five of those acres overlapping with this system. Between the two systems 34 total acres are irrigated within this same general area.

EXCESS FLOW ANALYSIS FOR THE SOUTHERN SYSTEM

Excess flow analysis indicates a need for greater than one inch per acre as claimed through A72-16107. This claim represents excess flows beneficially used since the original decree on the same decreed ground and therefore I accept this claim with a priority date one day after the decree date of 05-02-1935.

The analysis used the following assumptions; 'wild' flooding for irrigation, soil type for all acres - CP1, average run of 188', alfalfa and/or pasture as the basic crop and a ten day rotation. Both analysis' for pasture and alfalfa gave a 3.13 cfs requirement for the 33 acres (analysis forms attached).

DIVERSION RATE RECOMMENDATION ANALYSIS

Measured diversion rate	---	5.08 cfs total
Excess flow requirement	---	3.13 cfs total*
Total Decreed rate recognized	---	<u>1.50 cfs</u>
Balance not decreed	---	1.63 cfs (to be recommended in claim A72-16107)

*limiting factor.

CURRENT SYSTEM FOR A72-00171, A72-00172, A72-00173, A72-00174 A75-02169, AND A72-16108 THE NORTHERN SYSTEM

The system is three P/Ds and ditch systems delivering water to the P/U for flood irrigation of a 162 acre grass meadow that is normally harvested for grass hay. Otter Creek water

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under A75-02169 is also used on this P/U to supplement when necessary and if it is not being used with the southern system. The ground irrigated by Corral Creek which joins this property and is irrigated under A72-04188A does not overlap. They are separate systems.

EXCESS FLOW ANALYSIS

Excess flow analysis indicates a need for greater than one inch per acre as claimed through A72-16108. The excess flow analysis indicates a need greater than the system capacity therefore the system capacity is considered the limiting factor. This claim is recommended with a priority date of 5-3-35. Soils information was not available from the SCS at this time therefore the calculations were based upon soil type BC1 (see narrative dated 12-13-93; Basis for Soil Type Analysis). The entire P/U is grass pasture and basically flood irrigated with few cross ditches.

DIVERSION RATE RECOMMENDATION ANALYSIS

Measured diversion rate	---	9.27 cfs total*
Excess flow requirement	---	15.36 cfs
Total decreed rate recognized	---	<u>3.40 cfs</u>
Balance not decreed	---	5.87 cfs (to be recommended in claim A72-16108)

*limiting factor.

CURRENT SYSTEM FOR A72-04188A (CORRAL CREEK SOURCE)

This system shares the lower ditch with the decreed rights for Netta Jones but is for a separate P/U. The recommended P/U lays east of Morgan Creek and both north and south of the farmstead but ends prior to any ground irrigated from Morgan Creek. It is also a grass pasture and the same excess flow analysis applies to this system. Otter Creek water does not reach this property.

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FIELD EXAM ATTACHMENT

DATE: 12-17-93PAGE: 1/2AGENT: KKCFILES: A72-00171, 00172, 0017300174, 16108, 00175
AND A 75-02169ATTACHMENT SUBJECT: System description

The rights covering the P/U consist of Decead rights A72-00171, 00172, 00173, & 00174; an excess flow claim A72-16108; and a supplemental right originally diverted in Basin 75 injected into Morgan Creek and then used on either this P/U or Ver's other place near the mouth of Morgan Creek, claim A75-02169.

Water use analysis:

The system consists of 3 diversion points from Morgan Creek with dist ditches carrying water to the P/U for flood irrigation. There are a few cross contour ditches in the larger portion of the P/U but the southern end has the ditch 5 ft or stepped level for closer to a true border system than most claims investigated. Two P/Ds supply water to the P/U ^{west} of Morgan Creek and one P/D supplies water to the P/U ^{east} of Morgan Creek & south of the P/U covered by A72-04188A.

claimed rates A72-00171 - 1.50 CFS

I measured: P/D #1 2.11 CFS

00172 - .70 CFS

P/D #2 2.87 CFS

00173 .50 CFS

Soils Analysis P/D #3 2.24 CFS

00174 .70 CFS

for Excess flow 0.91 CFS

12.50 CFS

calculated to be 8.13 CFS

15.40 CFS

15.96 CFS

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FIELD EXAM ATTACHMENT

DATE: 12-17-93PAGE: 2/2AGENT: KKC

FILES: _____

ATTACHMENT SUBJECT: system description cont

P/O #1 measured @ 2.11 and estimated at 80% of capacity

calculated capacity = 2.53 CFS

P/O #2 measured @ 2.87 and estimated @ 75% of capacity

calculated capacity = 3.59 CFS

P/O #3 measured @ 2.24 CFS & considered at capacity = ~~3.15~~ 3.15 CFS

& .91)

System capacity = 9.27 CFS

system capacity - 9.27 CFS - limiting factor for Remark E12

system requirement - 15.96 CFS

total claimed rate - 15.40 CFS

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FIELD EXAM ATTACHMENT

DATE: 12-13-93PAGE: 1/1AGENT: KKCFILES: Claims where SCS soilsBASIS FOR SOIL TYPE ANALYSIS Info. not available as of this dateATTACHMENT SUBJECT: AREA OF CONCERN:17 N 18 E SEC. 25, 3617 N 19 E SEC. 18, 19, 20, 21, 29 & 3116 N 19 E SEC. 6

Available soils identification of Ground surrounding Morgan Creek ends with SCS map 243-32 which covers the junction of Morgan Creek & West Fork of Morgan Creek. The irrigated ground in this area (covered by claims A72-00158A, 00159A & 00160A) is classified as BCL. The physical appearance of this ground is similar to the irrigated parcels within the above legal descriptions therefore I have selected this soil type for the excess flow analysis.

Soils analysis conducted by the Forest Service and provided by the claimant for rights A72-00165/00166 excludes private ground from their descriptions. The surrounding analyzed grounds are the steeper, timbered slopes that do not match the irrigated ground profile.

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REMARK AND CONDITION CODE WORKSHEET

SYSTEM CLAIM NUMBERS A72 00171 00172
00173 00174
16108 02069

AGENT
INITIALS RKC
DATE 12-17-93

CLAIM NO. OR ENTRY ORDER	REMARK CODE	ENTRY DATA	CONDITION CODE	STAGE OR STATUS	PRESUMPTION CODE
	F04	172-00171, 00172, 00173 00174, 16108 AND the re division of 72-02169	C03		C
	E12	9.27 CFS 405 AF 162 Awo same rights			
	F07	75 75 75			
	J02	# 70			

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CLAIM NO. --- A72-00171 TO 00174 & 16108 Lotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 12/17/93 Date form revised:
 4/21/93 by KKC

 SOIL CHARACTERISTICS

Soil Type = BC1; BIGLOST...GRAVELLY FINE SANDY LOAM
 Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	5	0.11	0.14	6.6	7.8	2	3	1	1.57	3	0.7
5	23	0.12	0.15	6.6	7.8			1	1.71		
23	60	0.02	0.04	6.6	7.8			3	3.44		
								4	3.80	alternate	
								5	4.17	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD
alfalfa (hay or seed)	5	0.5	2.08
corn (field or silage)	4	0.5	1.90
grain (winter or spring)	4	0.5	1.90
pasture (or grass hay)	3	0.5	1.72
other (enter below)			

FIELD NOTES AND CALCULATIONS

	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	15682	0		
IRRIGATION DAYS	10			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
LENGTH (RUN) =	450			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	523			
THEORETICAL ROTATION (mad/net irr req in inches per				
SELECTED MAD =	1.72			
ROTATION =	7.5 DAYS			

 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
 Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)							
				mar	apr	may	jun	jul	aug	sep	oct
PASTURE	162	FLOOD	7.6		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	162		8		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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GRADED BORDER EVALUATION

Job name: A72-00171-00174 16108
By: KKC

Location: BC1 SOIL FOR 162 ACRES
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0400 ft/ft Border width (W)= 523 ft
Net application (Fn)= 1.72 inches Border length (L)= 450 ft
Inflow time (Ti)= 8 hours, 0 minutes

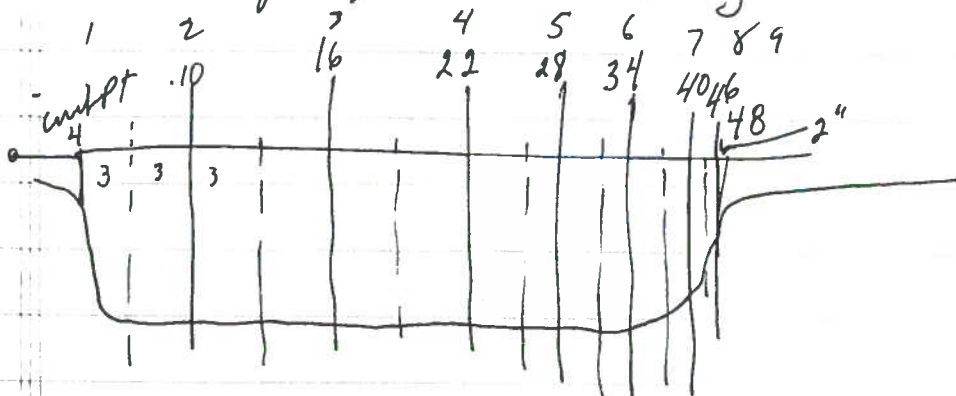
Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
15.30	Gross depth is less than required	gross application depth				
15.31	Gross depth is less than required	gross application depth				
15.32	Gross depth is less than required	gross application depth				
15.33	Gross depth is less than required	gross application depth				
15.34	Gross depth is less than required	gross application depth				
15.35	Gross depth is less than required	gross application depth				
15.36	0.029	22.56	20.83	0.00	7.6	(2)
15.37	0.029	22.57	20.83	0.02	7.6	(2)
15.38	0.029	22.58	20.83	0.03	7.6	(2)
15.39	0.029	22.60	20.83	0.05	7.6	(2)
15.40	0.029	22.61	20.83	0.06	7.6	(2)

(2) Erosive stream-- non-sod forming crops.

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8-3-92

Roll 3 Pic #5 P/O for High line ditch. Looking NE



1	Init Pt				measured approx 250 yds to 500
	REV	SEC	DEPTH	P/O	ditch near capacity
2	250	26.94	4 1/2		based upon current cond. est 20% more to cap.
		24.65			water clear, Bottom.
3		19.19	4 1/2		smooth gravel & flat
		20.28			sides fairly straight
4		16.13	5 1/4		relatively clear of veg.
		15.16			no moss. measurement good
5		17.09	5 1/2		
		16.16			Pic of measurement point
6		14.71	5		taken looking N toward
		14.34			P/O.
7		23.81	4 1/2		
		21.8			
8		53.53	4		
		50.62			
9			BANK		

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NAME OF STREAM OR DITCH ----- MORGAN CREEK, LOCALLY CALLED THE UPPER DITCH WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 LOCATION ----- MEASURED 250 FT SOUTH OF POINT OF DIVERSION AGENT CONDUCTING MEASUREMENT & DATE --- KKC 8-03-93
 PURPOSE OF MEASUREMENT --- ADJUDICATION REVIEW ACCOMPANIED BY ----- NO ONE
 BASIS OF VELOCITY CALCULATIONS ----- PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 IF YOU ARE USING A PYGMY METER ENTER ----- 1 POST MEASUREMENT SPIN TEST (MIN/SEC) -
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- 1

FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
0.33		0.33	0.38	0.19	30	25.8		0.25	0.047	1.16		0.58	0.03
0.83		1.33	0.38		30	19.7		0.50	0.188	1.52		1.16	0.22
1.33		1.83	0.44		30	15.6		0.50	0.219	1.92		1.52	0.29
2.33		2.33	0.46		30	16.6		0.50	0.229	1.80		1.92	0.42
2.83		2.83	0.42		30	14.5		0.50	0.208	2.07		1.80	0.41
3.33		3.33	0.38		30	22.8		0.50	0.188	1.32		2.07	0.43
3.83		3.83	0.33		30	52.1		0.33	0.111	0.58		1.32	0.25
4.00				0.17				0.08	0.014			0.58	0.06
END												0.29	0.00
													2.11

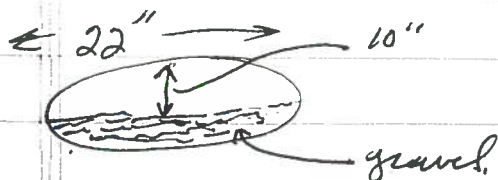
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 MAR 11 1994

72-08171
8-3-93

2/4

Big Ditch di. (shut down at this time)

1 pic taken looking ENE toward Sawmill Creek
Culvert headgate is oval corrugated iron



POOR ORIGINAL

#8 Pic looking SW from Morgan Cr. Road looking at
Highline Ditch, Area for main ditch di. - E North edge
of P/u. Also saw mill creek channel (tree line left to center)

over mining after development.

2 Pics @ S end of R/w looking S/W to N.

1 pic @ end of roll just N of R/w. Set looking N/W
showing in on both sides of Morgan Creek

Roll #4

#1 repeat of last pic

measured
Big Ditch
on
Main Ditch
on 9-22-93
KCC

MICROFILMED
NOV 01 1994

NAME OF STREAM OR DITCH ----- MORGAN CR, TO P/U EAST OF CREEK
 LOCATION ----- EASTERN DITCH OF 2 FROM SAME P/D
 PURPOSE OF MEASUREMENT --- ADJUDICATION REVIEW
 BASIS OF VELOCITY CALCULATIONS
 IF YOU ARE USING A PYGMY METER ENTER ----- 1
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- = 1

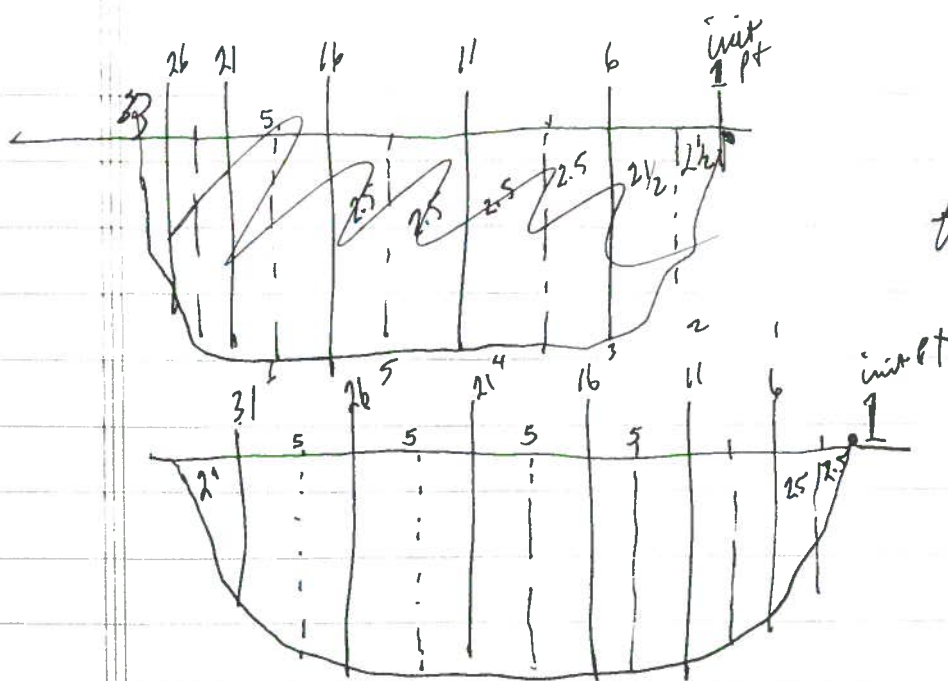
WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 AGENT CONDUCTING MEASUREMENT & DATE --- KKC 8-03-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.08	0.50	0.25	30	26.2		0.21	0.052	1.15		0.57	0.03
		0.50	0.60		30	20.8		0.42	0.208	1.44		1.15	0.24
		0.92	0.67		30	18.5		0.42	0.252	1.44		1.44	0.36
		1.33	0.71		30	19.6		0.42	0.278	1.62		1.62	0.45
		1.75	0.71		30	23.8		0.42	0.295	1.53		1.53	0.45
		2.17	0.67		30	28.4		0.42	0.295	1.26		1.26	0.37
		2.58		0.33	30			0.42	0.278	1.06		1.06	0.29
		3.00						0.21	0.069			0.53	0.04
END													
													2.24

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 NOV 01 1994

3/4 5-3-83



eastern most ditch of 2
from same P/D

POOR ORIGINAL

Stat	depth	Rev	Sec	water clear bottom smooth gravel
1	6'	30	25.94	sides vertical minimal veg.
			26.43	location approx 40' from P/D
2	7 1/4"		20.88	approx 40 to 50% of capacity. est.
			20.66	diversion gate partially closed
3	8		18.54	Reel 4. pic taken looking NNE
			18.46	
4	8 1/2		19.78	
			19.5	
5	8 1/2		24.06	
			23.53	
6	8		27.90	
			28.84	

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NOV 01 1984

NAME OF STREAM OR DITCH ----- MORGAN CR, TO P/U EAST OF CREEK
LOCATION ----- WESTERN DITCH OF 2 FROM SAME P/D
PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW

WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
AGENT CONDUCTING MEASUREMENT & DATE -- KKC 8-03-93
ACCOMPANIED BY ----- NO ONE
PREMEASUREMENT SPIN TEST (MIN/SEC) ---
POST MEASUREMENT SPIN TEST (MIN/SEC) -

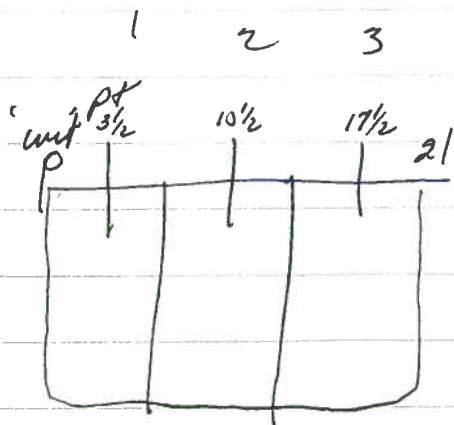
IF YOU ARE USING A PYGMY METER ENTER ----- 1
IF YOU ARE USING A AA METER ENTER ----- 2
ENTRY ----- = 1

FOLLOWING THE LAST ENTRY IN: "END"
"DISTANCE FROM INIT PT" ENTRY MUST =

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.00	0.00	0.00	0	0.0		-0.15	0.000				0.00
		-0.29	0.67		30	56.7		0.58	0.389	0.53			0.21
		0.29	0.67		30	34.7		0.58	0.389	0.86			0.34
		0.88	0.71		30	27.5		0.44	0.310	1.09			0.34
		1.46		0.35				0.15	0.052			0.55	0.03
		1.75											
END													0.91

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4/4
8-3-93



2nd ditch closest to
Morgan Creek flowing
near capacity.

POOR ORIGINAL

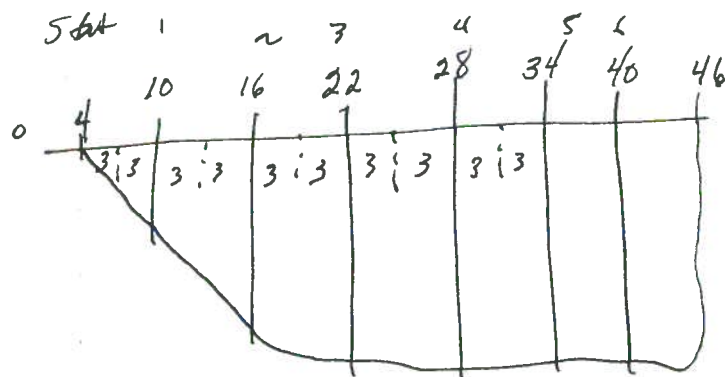
stat	depth	Rev	Sec
1	8	30	56.40
			57.03
2	8		34.10
			35.35
3	8 1/2		27.29
			27.72

Water clear Bottom flat & sandy
sides vertical veg. cleared on
measured apart 15' from P/O
measurement each

1 pic taken looking S
showing div point & head-
gate structure for both ditches

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NOV 01 1994

9-22-73



Verl Jones
Main Ditch
(N. of Van Horn Cr.)

measurement approx. 50' within P/U.

Stat	depth	Rev	Sec
1	4 1/2	20	126.16
2	8	60	103.22 101.84
3	10 1/2	60	44.16 46.06
4	11	60	38.75 39.66
5	10 1/2	60	43.00 41.59
6	10 1/2	60	49.03 50.19

POOR ORIGINAL

Water clear, bottom sandy gravel no rocks. Good straight stretch of ditch. ditch near capacity. no significant vegetation or moss in ditch. West side stepped up right side near vertical

Per Verl Jones ditch here to be channel as measured late in season. est 25% greater capacity when cleared.

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NAME OF STREAM OR DITCH ----- MORGAN CREEK, LOCALLY CALLED THE MAIN DITCH
 LOCATION ----- MEASURED 50 FT INTO PLACE OF USE
 PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
 BASIS OF VELOCITY CALCULATIONS
 IF YOU ARE USING A PYGMY METER ENTER ----- 1
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- = 1
 FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 AGENT CONDUCTING MEASUREMENT & DATE -- KKC 9-22-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.33	0.38	0.19	20	86.2		0.25	0.047	0.23		0.12	0.01
		1.33	0.67		60	62.5		0.50	0.188	0.96		0.23	0.04
		1.83	0.88		60	45.1		0.50	0.333	1.33		0.96	0.32
		2.33	0.92		60	39.2		0.50	0.437	1.53		1.33	0.58
		2.83	0.88		60	42.3		0.50	0.458	1.42		1.53	0.70
		3.33	0.88		60	49.6		0.50	0.438	1.21		1.42	0.62
		3.83		0.44				0.50	0.438			1.21	0.53
END								0.25	0.109			0.60	0.07
													2.87

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