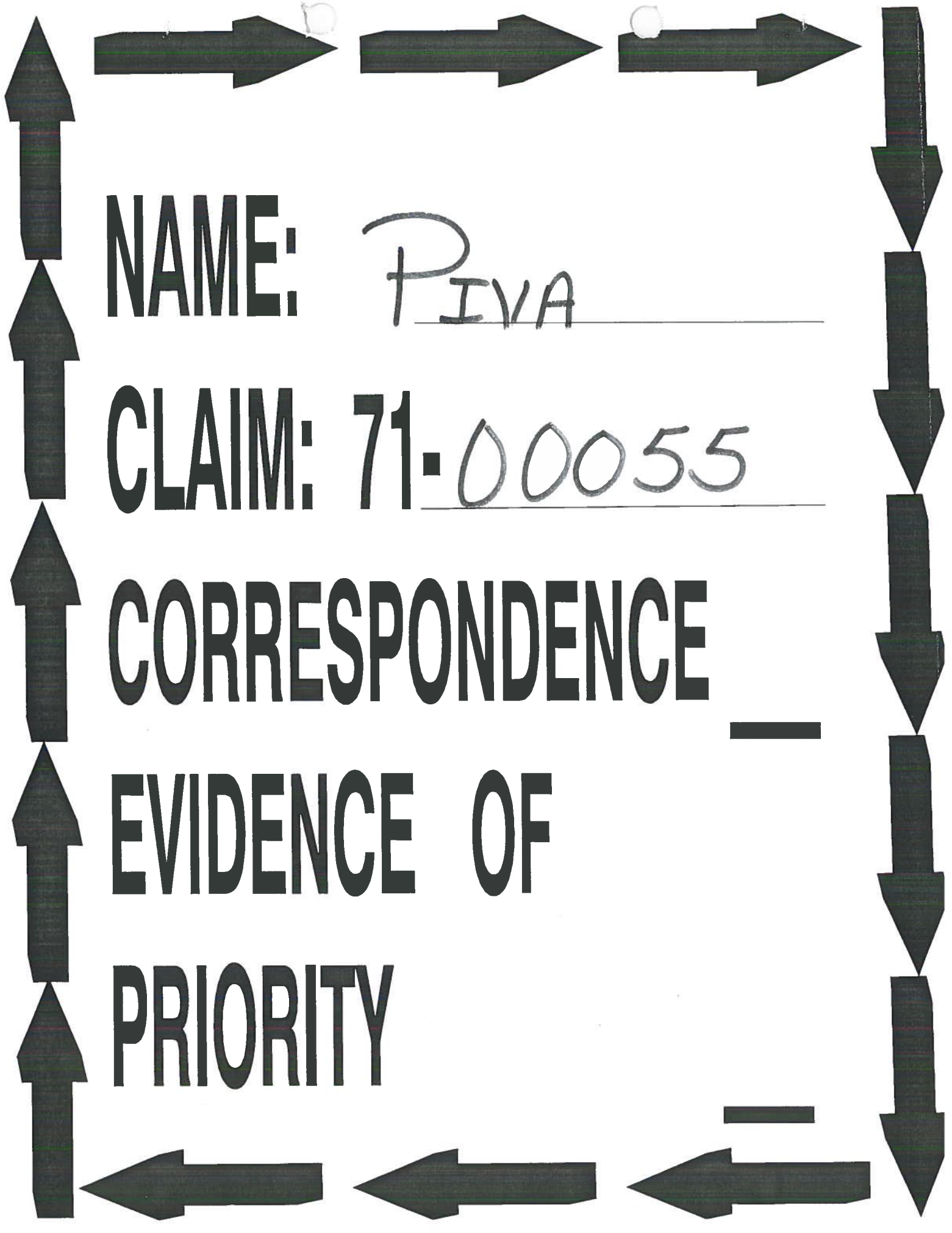




NAME:

PIVA

CLAIM: 71-00055

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

RECEIVED

SEP 17 1990

Ident. Number: A71-00055
Date Received: 8/29/1990
Receipt No: 5012665
Received By: Adm

Department of Water Resources
Southern Region Office

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

1. Name: PIERO PIVA 208-879-2351
Address: P.O. BOX 176
CHALLIS, ID 83226
AND/OR
Name: BRUNO PIVA 208-879-2351
Address: P.O. BOX 176
CHALLIS, ID 83226
AND/OR
Name: MARY C. PIVA 208-879-2351
Address: P.O. BOX 176
CHALLIS, ID 83226

2. Date of Priority: MAY 01, 1914

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

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
11N	12E	13	SE	SE	SW		CUSTER

5. Description of diverting works:
CHECKDAM TO EARTHEN DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/15	10/15	4.000		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

A71-00055

Page 1

Date: 08/29/90

MICROFILMED
MAR 17 1993

10. Place of Use:

Township	Range	Section	1/4	of 1/4	Lot	Use	Acres
11N	12E	24	SE	NE		IRR	34.0
			NE	SE		IRR	33.0
			SE	SE		IRR	22.0

Section Acres 89.0

Total Acres 89.0

11. Place of use in counties: CUSTER

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

13. Other Water Rights Used:

NONE

14. Remarks:

P/U IS WITHIN H.E.S. 321

THE OLD POINT OF DIVERSION WAS IN THE NENW SEC.24 BUT A BEAVER ALTERED THE CREEK IN AROUND 1980 AND THE WATER NOW LEAVES THE CREEK IN SECTION 13 TO FLOW INTO THE OLD DITCH.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date:

DAN J. CAVANAGH

Decree Plaintiff

VS

WM. MERRITT, 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:

MICROFILMED

MAR 17 1993

For individuals:

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

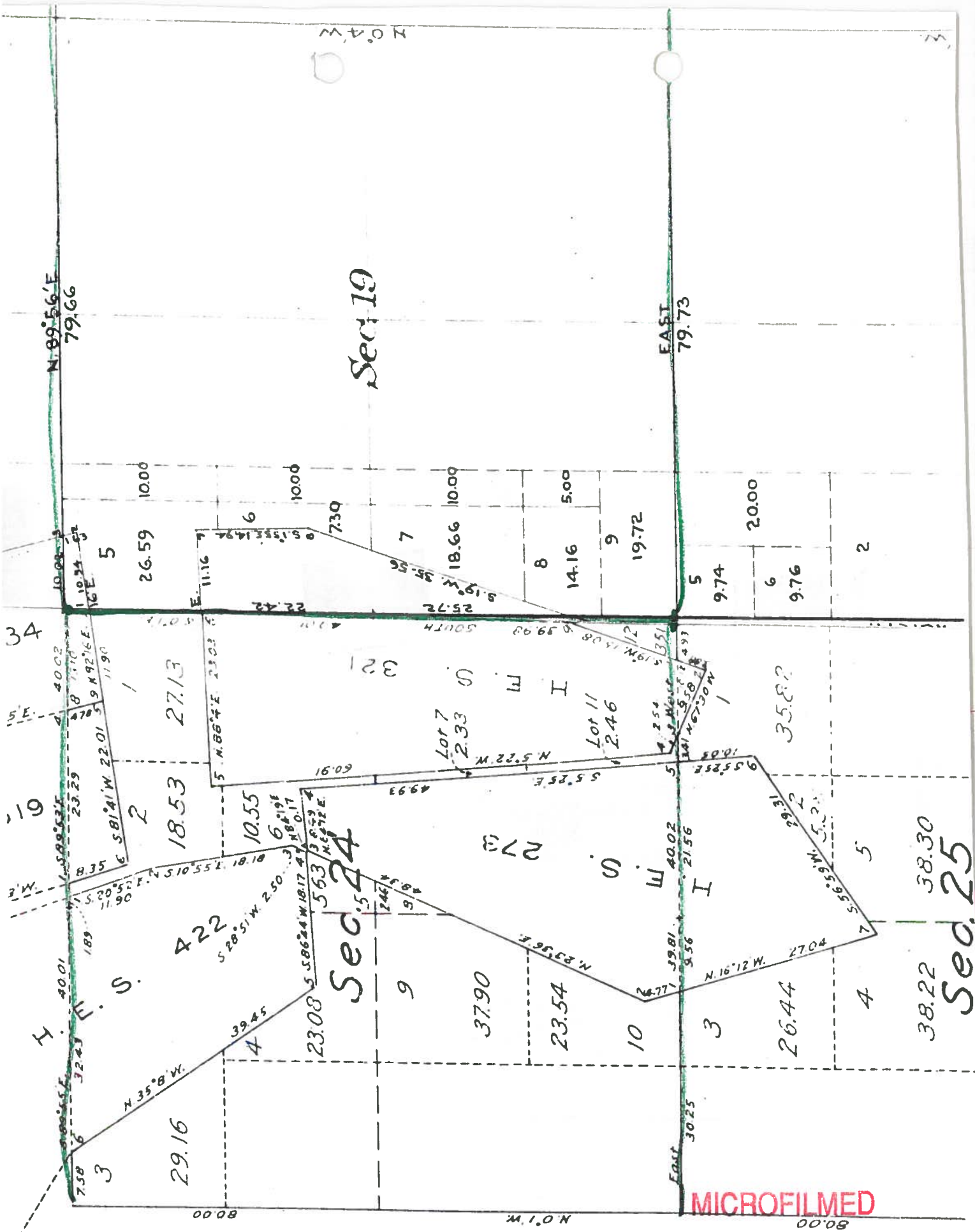
Signature of Claimant(s): Piero Piva Date: 8-29-90
Date: _____

State of Idaho)
County of TF) SS.

Subscribed and sworn (or affirmed) before me this 29th day
of Aug 19 90 Lois White
Notary Public

Seal

Residing at TF
My Commission Expires 5/94



Sec 19

Sec 24

Sec 25

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MAR 17 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Presumption Memorandum Status

AGENT KKC

DATE 5-17-94

CLAIM NUMBER	STAGE	PRESUMPTION CATEGORY			WITHIN A PPU
		1st	2nd	Accomplished transfer	(YES) (NO)

<u>A71-00055</u>				<u>chng P/D</u>	
------------------	--	--	--	-----------------	--

<u>A71-00058</u>					
------------------	--	--	--	--	--

FIRST PRESUMPTION ISSUES: DATE OF CHANGE IF KNOWN: _____

RECOMMENDED ACRES WITHIN THE ORIGINAL DECREED P/U: _____

RECOMMENDED ACRES OUTSIDE OF DECREED P/U: _____

SECOND PRESUMPTION ISSUES: DATE OF CHANGE IF KNOWN: _____

ACCOMPLISHED TRANSFERS: DATE OF CHANGE IF KNOWN: Pre 1972

TYPE OF CHANGE: (P/D), P/U, (N/U), OTHER

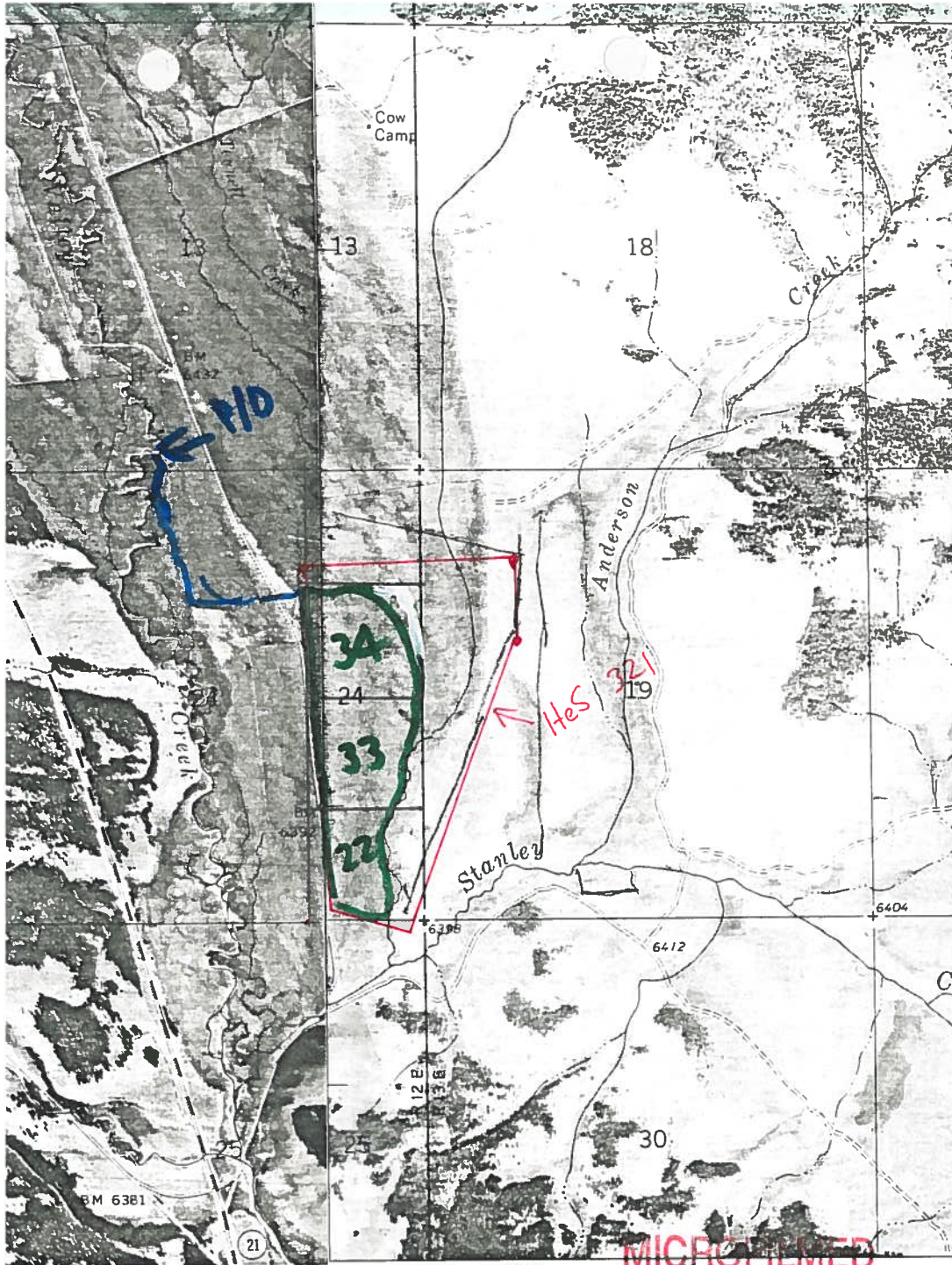
P/D changed from decreed location upstream to claimed location when Valley Creek stream bed changed and bypassed the orig P/D

OVERLAPPING CLAIMS: A71-00058 shows same diversion system

ACRES	ACRES
ACRES	ACRES
ACRES	ACRES
ACRES	ACRES
ACRES	ACRES

MICROFILMED

1-1-1994



659000m E.

11500'

240 000 FEET

61

PAL HIGHWAYS

Produced by the Geological Survey
in cooperation with the U. S. Forest Service

MICROFILMED

MAR 17 1993

July 22, 1998

**NOTICE OF ERROR
REPLY**

RECEIVED
AUG 10 1998
Department of Water Resources
Southern Region

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

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

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: August 14, 1998

Water right number: 71-00055

BRUNO PIVA
MARY C PIVA
PO BOX 176
CHALLIS ID 83226

+ PIERO PIVA ✓

Daytime Telephone Number:
Evening Telephone Number:

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

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

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

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

DATE: 8-6-98

SIGNATURE:

Please print your name:

Piero Piva
PIERO PIVA

R PROOF



CVR



MAPS



PHOTOS



MISC

MICROFILMED

OCI



Water Right Number - R71-00055

Prefix Translation:

RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***

PIVA

BRUNO

1 - PO BOX 176

VERIFIED BY *hkc*

6-4-98

PIVA

MARY C

2 -

State- ID Zip- 83226

PIVA

PIERO

3 -

State- ID Zip- 83226

City- CHALLIS
Phone - 208-879-2351
1 - PO BOX 176
2 -
3 -
City- CHALLIS
Phone - 208-879-2351

State- ID Zip- 83226

Priority Date - 05/01/1914

Region - 17 SOUTHERN

Stage - D - DECREED

Status -

Source - VALLEY CREEK

Tributary - SALMON RIVER

Point of Diversion -

Trn Rng Sec Tract Lot Rflg County (37) CUSTER

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

01 - IRRIGATION

05/01 09/30

4.000

Total Div. Rate - 4.000

Total Consumptive Use - 0.0

Trn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
11N	12E	24	NE NE	0.2	01	IRRIGATION	(37)	CUSTER	
11N	12E	24	NW NE	0.5	01	IRRIGATION	(37)	CUSTER	
11N	12E	24	SW NE	3.8	01	IRRIGATION	(37)	CUSTER	
11N	12E	24	SE NE	19.0	01	IRRIGATION	(37)	CUSTER	
11N	12E	24	NW SE	35.0	01	IRRIGATION	(37)	CUSTER	
11N	12E	24	NE SE	0.5	01	IRRIGATION	(37)	CUSTER	
11N	12E	24	NW SE	22.0	01	IRRIGATION	(37)	CUSTER	
11N	12E	25	SE SE	1.1	01	IRRIGATION	(37)	CUSTER	
11N	12E	25	NE NE		01	IRRIGATION	(37)	CUSTER	

Total Acres: 82.1

Prefix Translation: RESEARCH

+ - - Other Rights for Same Use - NONE

PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 321.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 71-00055, AND 71-00058.

```

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

```

.....-Comments-.....

+ - - Audit Fields - - +

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 09/14/1993	Civil Case Number	- 39516
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	- 09/17/1990	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Process Number	- S012645	Water District	-

Receipt Number		
POU Ownership Flag	- Y	Federal/State Indicator - S
Name Connector	- AND/OR	Presumption Flag - C
		Notice of Error Flag -

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

CLAIM NUMBER: A71-00055

03:11:45
05/27/92

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE			9-14-93 KRC	N	1,2,5,6	KRC 5-18-94		
POINT OF DIV	Y		"	N	"	"		
SOURCE			"	N	"	"		
PLACE OF USE	Y		"	Y	"	"		
DIV. AMOUNT CFS/VOLUME			"	N	"	"		
CONSUMPTIVE USE	-		"	Y	"	"		
PURPOSES			"	N	6	"		
PERIOD OF USE	Y		"	Y	"	"		
BASIS OF CLAIM			"	N	"	"		
REMARKS	Y		"	Y	"	"		

VERIFIED BY CODES

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

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

MAPS USED: DATE:
ASCS DRT-3-167 8-22-52
ORTHO 4-68 1971
SCS SOIL MAP 245-110
USDA-F 677-193 9-9-77
173-71 8-28-72

MICROFILMED
JUL 27 1994

PAGE: 1
GENERAL INFORMATION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

CLAIM NUMBER: A71-00055

03:11:45
05/27/92

LAST: PIVA
ADDRESS: P.O. BOX 176
CITY: CHALLIS
PHONE NUMBER: 208-879-2351

FIRST: PIERO
STATE: ID ZIP: 83226

OWNER CODE: C

LAST: PIVA
ADDRESS: P.O. BOX 176
CITY: CHALLIS
PHONE NUMBER: 208-879-2351

FIRST: BRUNO
STATE: ID ZIP: 83226

OWNER CODE: C

LAST: PIVA
ADDRESS: P.O. BOX 176
CITY: CHALLIS
PHONE NUMBER: 208-879-2351

FIRST: MARY C.
STATE: ID ZIP: 83226

OWNER CODE: C

LAST: PETERS
ADDRESS: X
CITY: CHALLIS
PHONE NUMBER: 208-000-0000

FIRST: COSETTE L.
STATE: ID ZIP: 0

OWNER CODE: 0

FIELD EXAM REQUIRED?
VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE FIELD
EXAMINER Y

CLAIM REMARKS: P/U IS WITHIN H.E.S. 321
THE OLD POINT OF DIVERSION WAS IN THE NENW SEC. 24 BUT A BEAVER
ALTERED THE CREEK IN AROUND 1980 AND THE WATER NOW LEAVES THE
CREEK IN SECTION 13 TO FLOW INTO THE OLD DITCH.

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JUL 27 1994

CONTACT PERSON:

Piero Piva (9-21-93)

PHONE NUMBER: () - -

DATE OF FIELD EXAM:

9/14/94

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY:

no one in field.

PHONE NUMBER: () - -

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / REMARKS:

MICROFILMED
OCT 5 5 1994

A. AJ CLAIM: # A71-00055

PRIORITY DATE: 05-01-1914

STAGE: D

B. WR RECORD: # 71-00055

PRIORITY DATE: 05-01-1914

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 date matches cleared date
found Pts matches desired Pts*

Accept as claimed

RECOMMENDED PRIORITY DATE:
05-01-1914

REVIEWED BY

HKE

DATE

5-18-94

MICROFILMED

OCT 27 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A71-00055	11N	12E	13	SE	SE	SW		CUSTER

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

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: VALLEY CREEK

TRIB: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
71-00055	11N	12E	24		NE	NW		CUSTER

OTHER WR RECORDS WITH SAME WR POD
AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
NONE NONE

SOURCE: VALLEY CREEK

TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

DATABASE
Y N
FIELD EXAMINER

REMARKS:

I found the P/D as claimed. I also found the deeded P/D. The river channel changed years ago. The USDA-F 173-14 aerial photo dated 8-28-72 clearly shows the P/D in sec 13 and the channel change at the original P/D in sec 24.
Therefore I accept the claimed P/D as valid.

Flag C03

Reamp. Log C.

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

LOT

COUNTY

OK as claimed

SOURCE: VALLEY CREEK

TRIB: SALMON RIVER

REVIEWED BY:

KKC

DATE:

5-18-94

verified from other plots 21-68

MICROFILMED
OCT 27 1994

A. ROOT WATER RIGHT NUMBERS: A71-00055

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
T1N	12E	24	SE	NE		P10A, P1EKO	A71-00055	734.0	71-00055	✓	37.0
T1N	12E	24	NE	SE		P10A, P1EKO	A71-00055	733.0	71-00055	✓	37.0
T1N	12E	24	SE	SE		P10A, P1EKO	A71-00055	722.0	71-00055	✓	31.0
			SE	SE		SILVA, ARTHUR		71-00058			
			SE	SE		P10A LAND & CATTLE CO		71-07142			
TOTAL ACRES							A71-00055	89.00			106.00

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE Y FIELD EXAMINER

POU COUNTY: CUSTER

PRESUMPTION FLAG:

REMARKS:

see Attached worksheet for per seceded

GP

RECOMMENDATIONS:

TOTAL ACRES:

REVIEWED BY:

DATE: 5-18-94

MICROFILMED
OCT 5 1994

JM NUMBERS A71-00055

DATE 6-4-98

AGENT AKC

TRANSFER NUMBER _____

HOMESTEAD ENTRY NO. 321

CLAIMED ACRE TOTAL 89

GEOGRAPHIC INFO ACRES 82.1

LIGHT NO				NE				NW				SW				SE			
	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	11N	12E	24	.0.	.0.	.0.	34									33	.0.		22
GIS			24	.2	.5	3.8	19.3									35.4	.5		22
ECOM				.2	.5	3.8	19									35	.5		22
																			81
CLAIM	11N	12E	25	.0.															.0.
GIS				1.1															
ECOM				1.1															1.1
CLAIM																			
GIS																			
ECOM																			
CLAIM																			
GIS																			
ECOM																			

B71-DBPOD.SHP

NOS DESCRIPTION

54 Sec 13
SE SE SW

B71-DBPOU.SHP

SHAPE NOS

84

DBF TABLES UPDATED

B71-DBPOD.DBF

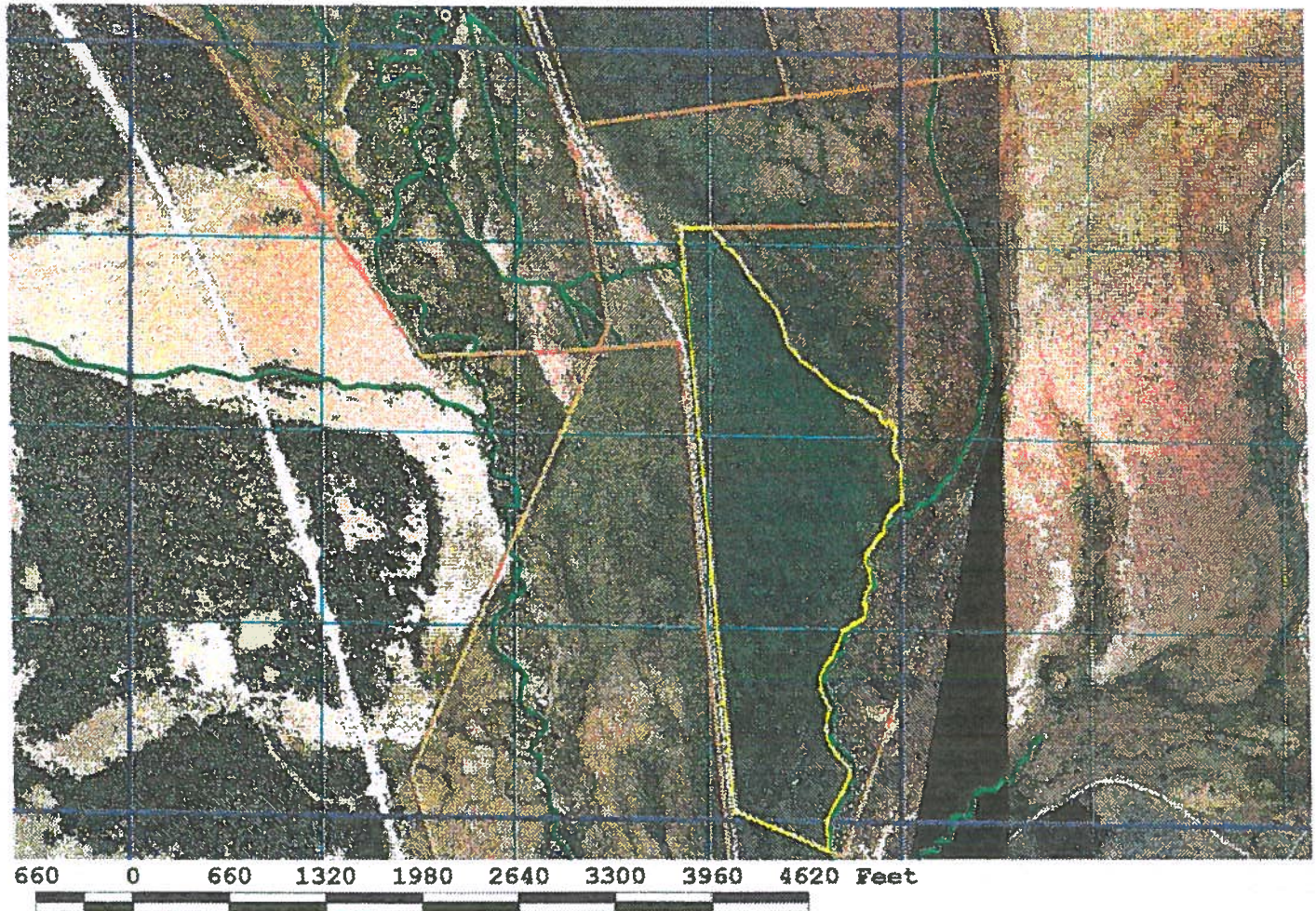
B71-DBPOU.DBF

IDAHO DEPARTMENT OF WATER RESOURCES

71-00055

Source = Valley Creek

HES- 321



RECOMMENDED PLACE OF USE = 82.1 ACRES
DATA ENTRY ON MARCH 18, 1998
TWP 11N, RNG 12E,
SEC 13, S1/2SE1/4
SEC 24, NE1/4, & E1/2SE1/4



-  RECOMMENDED PLACE OF USE
-  RECOMMENDED POINT OF DIVERSION
-  SECTION LINES
-  QUARTER QUARTER LINES
-  HOMESTEAD ENTRY BOUNDARY
-  STREAM AND DITCH CHANNELS

GIS PLACE OF USE PRESENTATION
1992 USFS PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTEN

A. AJ CLAIMED USES:

PURPOSES
A71-00055 IRRIGATION

FROM

MONTH/DAY
04-15 TO 08-15

4.000 CFS DIVERSION QUANTITY

5-1 9-30 record to dept standards

4.000 CFS

B. WR RECORDED USES:

PURPOSES
71-00055 IRRIGATION

FROM MONTH/DAY
TO

4.000 CFS DIVERSION QUANTITY

TOTAL DIVERSION RATE/VOLUME CLAIMED

4.000 CFS

MICROFILMED

661 27 1934

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

DATABASE EXAMINER
N N
Y Y

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

REMARKS:

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

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(X) N()

AJ TOTAL CLAIMED DIVERSION RATE: 4.000 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 4.000 CFS

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

FLOW MEASUREMENT REQUIRED?

FIELD DATABASE EXAMINER

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

Y

B.

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: NONE

NO CLAIMS FOUND WITH SAME POU AND IRRIGATION USAGE

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

FC Game data 6-29-93 4.30 CFS

7-27-93 3.8 "

9-1-93 6.4 "

8-1-59 8.3 "

info received from Phyllis Rose on 10-19-93

MICROFILMED

APR 15 1994

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

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

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = AE/A

ACRES 89 x CONSUMPTIVE VOL. AE/A FOR AREA 2 =

TOTAL CONSUMPTIVE USE 178 AE/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

ACRES 89 x DIVERSION VOL. AE/A FOR AREA 2 =

TOTAL DIVERSION VOLUME 178 AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

JØ2 - HES-321 } Remarks required.
FØ5 - 71-00058

1b. CALCULATIONS

rate per acre = 1.78 CFS
exceeds that indicated by 6.03 per acre
a beneficial use negot = 4.00 CFS.
decreed & claimed

the claimed rate is less than
the calculated legal limit therefore
dam recommending the claimed
rate,

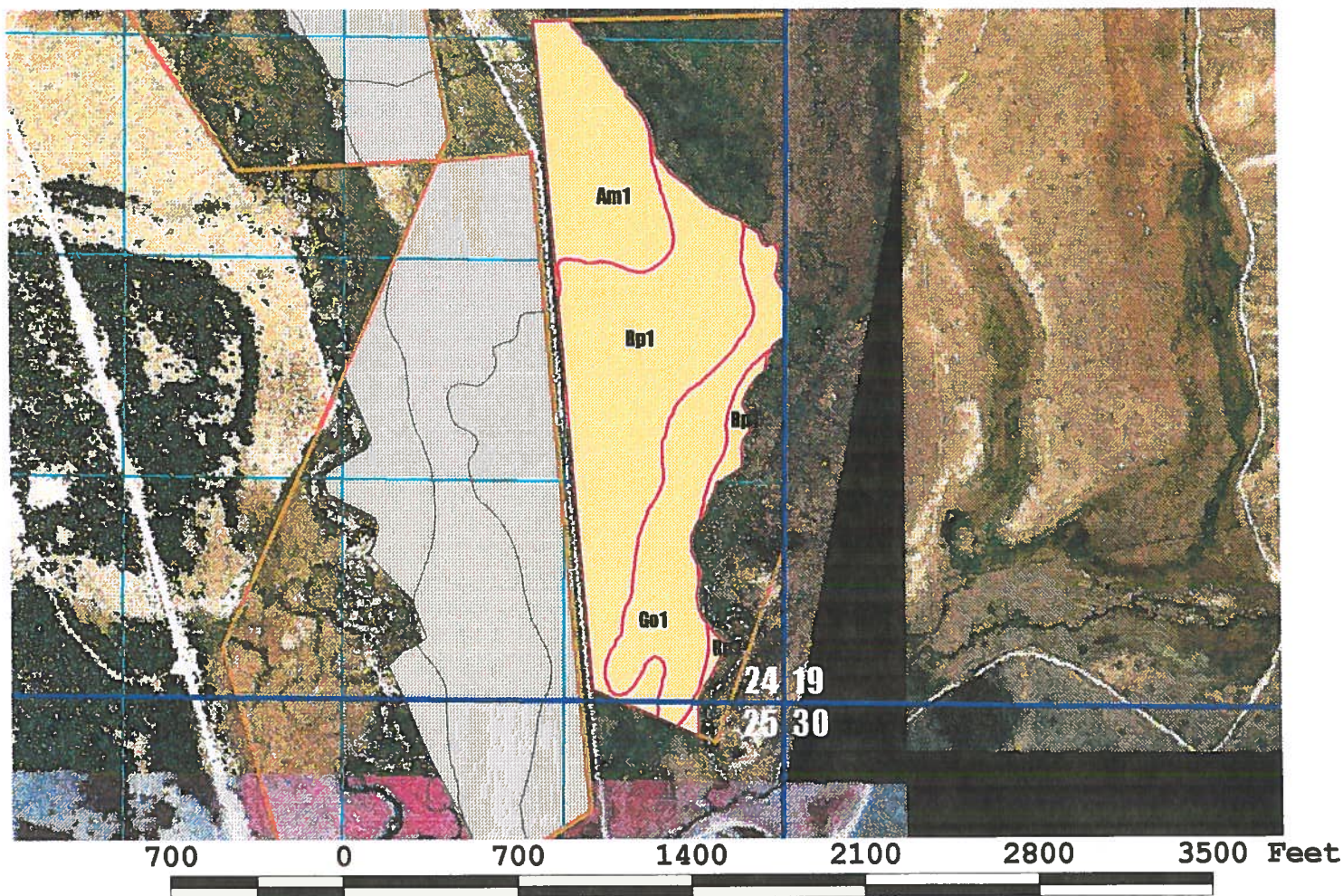
See Review
4/1/96
for info
see attached

MICROFILMED

6/17/1994

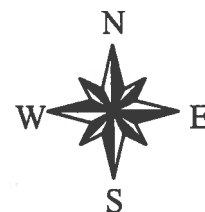
IDAHO DEPARTMENT OF WATER RESOURCES

71-00055
HES- 321
PIVA



PLACE OF USE SOILS ANALYSIS
USING SCS SOILS OVERLAY
DATA ENTRY ON JUNE 3, 1998

HES	SOIL TYPE	ACRES
321	RP1	42.1
	GO1	21
	AM1	19



- RECOMMENDED PLACE OF USE
- SOILS BOUNDARY
- SECTION LINES
- QUARTER QUARTER LINES
- HOMESTEAD ENTRY BOUNDARY

GIS PLACE OF USE PRESENTATION
1992 USFS PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

A71-00055

DATE: 6-4, 1998

REVIEWED BY

KKC

STANLEY BASIN SOIL REVIEW								
SOIL TYPE	OPTIMUM ROTATION	BORDER EFF	BORDER CFS/AC	FURROW EFF	FURROW CFS/AC	MAD	PF	BORDER / FURROW
AM1	4.00	3.5	0.30	22.3	0.05	1.00	1.14	6.09
BG1	5.00	5.8	0.19	34.3	0.03	1.32	1.13	5.99
CNB	7.00	7.8	0.14	47.3	0.02	1.82	1.11	6.20
GO1	14.66	25.5	0.04	24.6	0.04	3.65	1.07	0.96
LA4	4.00	3.7	0.30	23.6	0.05	1.06	1.14	6.46
PY1	5.66	6.3	0.17	37.9	0.03	1.46	1.12	5.98
RD1	5.66	6.3	0.17	37.9	0.03	1.46	1.12	5.98
RP1	4.33	6.9	0.16	35.2	0.03	1.13	1.13	5.18
SN1	2.66	2.47	0.45	15.4	0.07	0.69	1.14	6.30
ST1	3.33	3.2	0.36	20.3	0.05	0.91	1.14	6.65
TN1	4.66	4.2	0.26	26.9	0.04	1.21	1.13	6.44
TP4	9.33	9.5	0.11	60.0	0.02	2.31	1.10	6.24
WG1	2.66	2.4	0.45	14.9	0.07	0.67	1.14	6.12
WV1	13.00	17.4	0.06	50.3	0.02	3.24	1.08	2.91

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
RP1	4.33	10	* 42.1	* .16	= 2.91 CFS
GO1	14.66	14.66	* 21	* .04	= .84 CFS
AM1	4.0	10	* 19	* .30	= 2.28 CFS
			*	*	= CFS

6.03 CFS

TOTAL ACRES

DECREED RATE = 4.00

CLAIMED DIVERSION RATE = "

ORIGINAL HUBBLE RATE =

MEASURED DIVERSION RATE =

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
	FROM	TO			
IRRIGATION	~~04-15~~ 5-1	~~10-15~~ 9-30	DATABASE 4.000	EXAMINER 4.0	DATABASE 0.0
TOTAL FOR THIS RIGHT			4.000	~~4.0~~	0.0

REVIEWED BY: KKC

DATE: 5-18-94

MICROFILMED
JUL 15 1994

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FORFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

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

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-00055

TOTAL DIVERSION RATE OF WR SPLITS
DATABASE
4.000

EXAMINER

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A71-00055	4.000	-		71-00055	4.000
TOTAL CFS		4.000				4.000

DIVERSION RATE REVIEW

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

DATABASE
Y

FIELD
EXAMINER

REMARKS:

N/A

AUTHENTICATION:

SIGNATURE:

Kelly K. Christensen

DATE:

5-18-94

NAME OF FIELD EXAMINER:

TITLE:

Salvata Resource Appt.

Revised 6-4-98
Kelly K. Christensen

CLAIM NUMBER A71-00055DATE 5-17-94AGENT RKC

	CLAIM NUMBER				NE				NW				SW				SE				TOTAL ACRES
		T N S	R N G	S E C	N E	N W	S W	S E	N E	N W	S W	S E	N E	N W	S W	S E	N E	N W	S W	S E	
Claimed P/u	A71-00055	11N	12E	24				37									38			31	
Found P/u				24	1	0.5	4	22									36			23	
				25	2.5																

The Hes-321 slightly overlaps the quarters joining the three claimed quarters. All the found P/u is still within the decreed P/u. The claim was place of use is recommended different than claimed but not different than decreed.

No Change in P/u flag needed.

Acres determined using a planimeter in conjunction with the photo 71-68 (enlarged 200%). Map attached.

SUPER
GIS
USING
SYSTEM
6-4-98
RKC

MICROFILMED

OCT 27 1994

POOR ORIGINAL

VC-1
Fish over
2.0 mi road gate
3.7 mi

S. 12th
P.D.
VC-2
Fish over

CLAIM
T. R. S. Q/Q
INIT
P/D 11A 12E 13 SESESW
PHOTO USDA-F 173-13
DT. & ID. 8-28-72 12961

MICROFILMED

DEC 21 1994

9-21-93
note

POOR ORIGINAL

Picture #1
9-14

P/D

ORIGINAL P/D & LOCATION WHERE
VALLEY CREEK CHANGED COURSE
THE ORIGINAL STRUCTURE IS
STILL PART OF THE DELIVERY
SYSTEM SEE PICTURE #2

Picture #2 9-14

HES

422

Picture #3
SET #3
9-14

Picture
SET #1
9-21

HES
273

P/u

CLAIM _____ INIT _____
T. R. S. Q/Q
P/D _____
PHOTO USDA F-173-1/
DT. & ID. 8-2092 Flight

MICROFILMED

0112 / 1994

Picture 9-21
SET 2

POOR ORIGINAL

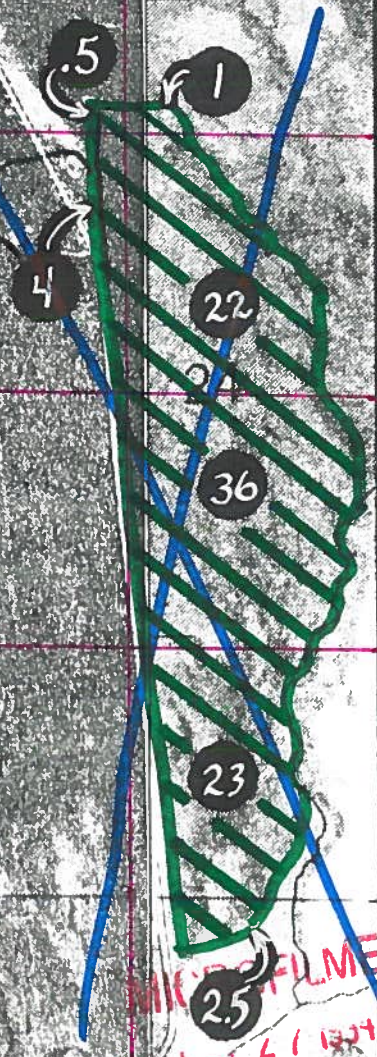
U-68

U-69

CLAIM A71-00055 INIT KKC
T. R. S. Q/Q
P/D 11N 12E 13 SESESW enlarged
PHOTO U-68 7 U-69 7 200%
DT.&ID. 1971 1974

TOTAL RECOMMENDED
PIA = 89 ACRES.

SUPERCEDED
USING GZS
SYSTEM 98
SYST-H-KC
6-11-74



HES 321

Stanl

SCALE: 1" = 1006'

CA = $(1006)^2 \cdot .009699 = .2253$
43,560

MICROFILMED
1-1-1974

12E

CLAIM # A71-00055 & A71-00058
DATE PHOTO TAKEN; 9-14-93
PICTURE # 1 P/D BOTH RIGHTS

POOR ORIGINAL

This photo shows the P/D for the combined system for the above two claims. Two channels carry Water from Valley Creek and join just outside the picture range on the left. You are looking southwest. The channel in the foreground is return water from VC-2 fish screen.

FISH SCREEN CHANNEL

DIVERSION CHANNELS

DIVERSION WORKS



PICTURE # 2

This photo shows the original P/D before Valley Creek changed channels. This pond is a portion of the old channel but it is now a part of the current delivery system. You are looking north on the left to north on the right.

VALLEY CREEK

DAM IN OLD STREAM CHANNEL



CLAIM # A71-00055 & A71-00058
DATE PHOTOS TAKEN; 9-14-93
PICTURE SET # 3

POOR ORIGINAL
MICROFILMED

This photo set shows the separation point for the two rights. The ditch running to the left is going southeast to the P/U for A71-00055. The ditch going right (south) goes to the P/U for A71-00058 which is the ground beyond the fence shown in this photo.



CLAIM # A71-00055
DATE PHOTOS TAKEN; 9-21-93
PICTURE SET # 1

This picture set was taken from the northwest corner of the P/U and is looking east on the left to south on the right. The main ditch from Valley Creek comes in on the right and then follows the fence going away from that point. The northeastern boundary of the P/U follows the swale marked on the left.

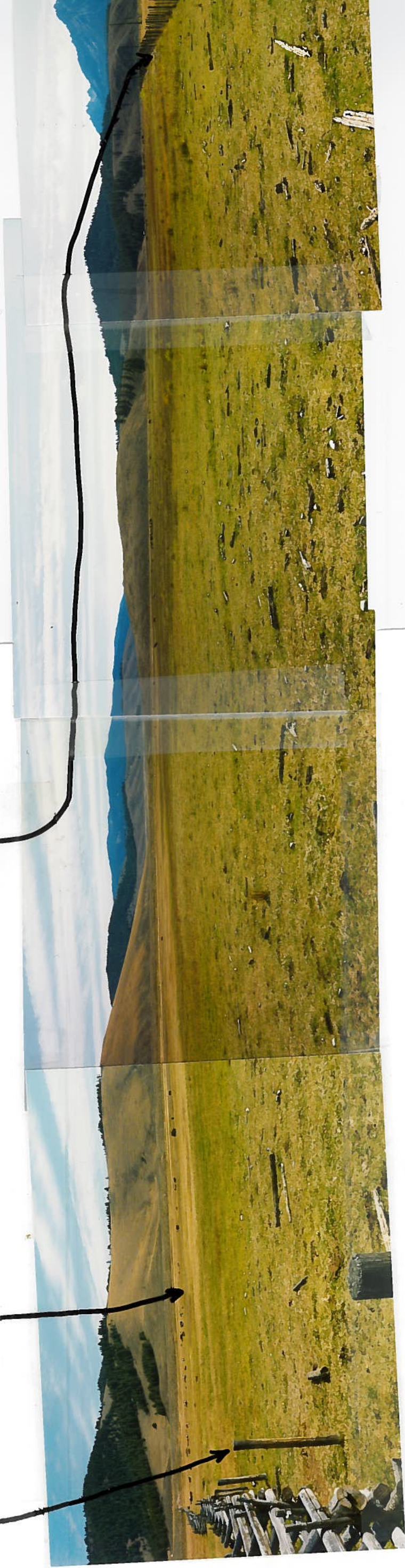
NORTHEAST END OF P/U

NOT IRRIGATED

MAIN DITCH

POOR ORIGINAL

MICROFILMED



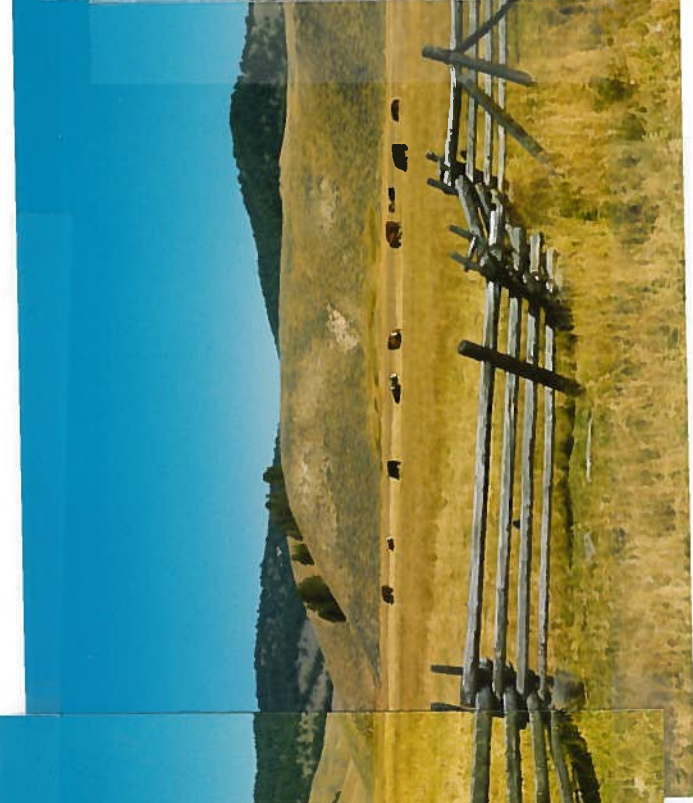
CLAIM # A71-00055
DATE PHOTOS TAKEN; 9-21-93
PICTURE SET # 2

POOR ORIGINAL

This photo set was taken from the southwest end of the P/U and is looking north northeast on the left to east on the right. Note that irrigation water easily reaches this end of the P/U.

MICROFILMED

UUCI 27 1994



Water Right Number - R71-00055

Prefix Translation:

RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
PIVA

PIERO

VERIFIED BY: KKC

PIVA

BRUNO

State- ID Zip- 83226

PIVA

MARY C

State- ID Zip- 83226

1 - PO BOX 176
2 -
3 -
City- CHALLIS
Phone - 208-879-2351
1 - PO BOX 176
2 -
3 -
City- CHALLIS
Phone - 208-879-2351
1 - PO BOX 176
2 -
3 -
City- CHALLIS
Phone - 208-879-2351

State- ID Zip- 83226

Priority Date - - +
05/01/1914

Region - - +
17 SOUTHERN

D - DECKER

Status - - +

Source - - +
VALLEY CREEK

Tributary - - +
SALMON RIVER

Twn Rng Sec Tract Lot Rflg County
11N 12E 13 SE SE SW (37) CUSTER

Code Description

Period From Period To

Water Use

Diversion Rate

Diversion Volume

01 - IRRIGATION

05/01

09/30

4.000

+ - Total Div. Rate - + + - Total Div. Volume - +
4.000

+ - Total Consumptive Use - + + - KW Usage - +
4.000

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
11N	12E	24	NE NE		1.0		01	IRRIGATION	(37) CUSTER
11N	12E	24	NW NE		0.5		01	IRRIGATION	(37) CUSTER
11N	12E	24	SW NE		4.0		01	IRRIGATION	(37) CUSTER
11N	12E	24	SE NE		22.0		01	IRRIGATION	(37) CUSTER
11N	12E	24	NE SE		36.0		01	IRRIGATION	(37) CUSTER
11N	12E	24	SE SE		23.0		01	IRRIGATION	(37) CUSTER
11N	12E	25	NE NE		2.5		01	IRRIGATION	(37) CUSTER

Total Acres: 89.0

MICROFILMED

001 71 1534

Water right number - R71-00055

Prefix Translation: RESEARCH

+ - - Diversion Means - CHECKDAM TO EARTHEN DITCH

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

REMARKS
PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 321.
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 71-00055, AND 71-00058.

+ - - No Old Water Right Numbers Found

Conditions of Approval
C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
PURSUANT TO IDAHO CODE 42-1416A.

+ - - Decree Plaintiff - - - +
DAN J. CAVANAGH

+ - - Decree Defendant - - - +
WM. MERRITT, ET AL.

+ - Decree Date - - +
01/16/1940

Date: 05/18/1994 User Id: CHRISTEN Subject: COPIED FROM REMARKS
P/U IS WITHIN H.E.S. 321
ALTERED THE CREEK IN AROUND 1980 AND THE WATER NOW LEAVES THE

THE OLD POINT OF DIVERSION WAS IN THE NEW SEC. 24 BUT A BEAVER
CREEK IN SECTION 13 TO FLOW INTO THE OLD DITCH.

+ - - Audit Fields - - - +
05/18/94 CHRISTEN

Adjudication Rights Dates and Flags Area	
Court Report Filing	- 00/00/0000
Objection Filed Date	- 00/00/0000
Response Filed Date	- 00/00/0000
Claim Received Date	- 09/17/1990
Field Inspection Made	- 09/17/1992
Field Inspection Flag	- 05/18/1994
Verified Date	- 00/00/0000
Last Amended Date	- 00/00/0000
Receipt Number	- S012665
POU Ownership Flag	- Y
Name Connector	- AND/OR
Civil Case Number	- 10571
Old Case Number	-
Old Judicial District	-
Temporary Right	- P
Water District	-
Federal/State Indicator	- S
Presumption Flag	- C
Notice of Error Flag	-

MICROFILMED
OCT 27 1994

GRADED BORDER EVALUATION

Job name: A71-00055
By: KKC

Location: RP1 SOIL FOR 45 ACRES
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0200 ft/ft Border width (W)= 261 ft
Net application (Fn)= 1.13 inches Border length (L)= 250 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
3.00	Gross depth is less than required	gross application depth				
3.01	Gross depth is less than required	gross application depth				
3.02	Gross depth is less than required	gross application depth				
3.03	Gross depth is less than required	gross application depth				
3.04	Gross depth is less than required	gross application depth				
3.05	Gross depth is less than required	gross application depth				
3.06	Gross depth is less than required	gross application depth				
3.07	Gross depth is less than required	gross application depth				
3.08	0.012	16.31	15.16	0.03	6.9	
3.09	0.012	16.37	15.16	0.08	6.9	
3.10	0.012	16.42	15.16	0.13	6.9	
3.11	0.012	16.47	15.16	0.18	6.9	
3.12	0.012	16.53	15.16	0.24	6.8	
3.13	0.012	16.58	15.16	0.29	6.8	
3.14	0.012	16.63	15.16	0.34	6.8	
3.15	0.012	16.68	15.16	0.40	6.8	

Excess flow analysis summary

RP1 soil 45A. @ 3.08 cfs
GOI " 33A @ .61 cfs
AMI " 11A @ 1.32 cfs
Totals, 89 Acres @ 5.01 cfs

SUPERCEDED
6-4-98
KKC

MICROFILMED
OCT 27 1994

CLAIM NO. --- A71-00044A & A71-00046 Lotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 05/18/94 Date form revised:
 4/21/93 by KKC

 SOIL CHARACTERISTICS

Soil Type = RP1...LOAM
 Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC	intake family
lower	upper	lower	upper	lower	upper	lower	upper			flood furrow
0	7	0.14	0.18	5.6	6.5	2	4	1	1.60	2 0.55
7	13	0.07	0.12	6.1	7.3			2	1.97	
13	60	0.02	0.03	6.1	7.3			3	2.27	
								4	2.57	alternate
								5	2.87	method
										NA NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD	FIELD NOTES AND CALCULATIONS			
				FIELD 1	FIELD 2	FIELD 3	FIELD 4
alfalfa (hay or seed)	5	0.5	1.43	FIELD WIDTH	7840	0	
corn (field or silage)	4	0.5	1.28	IRRIGATION DAYS	10		
grain (winter or spring)	4	0.5	1.28	DRY DAYS	0		
pasture (or grass hay)	3	0.5	1.13	SET TIME(hours)	8		
other (enter below)				CALCULATED RUN (run = acres*43560/width)			
				LENGTH (RUN) =	250		
				CALCULATED BORDER WIDTH (ditch length/irr days * cha			
				WIDTH =	261		
				THEORETICAL ROTATION (mad/net irr req in inches per			
				SELECTED MAD =	1.13		
				ROTATION =	6.6 DAYS		

 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = STANLEY
 Figure No = 10-73

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)						
				mar	apr	may	jun	jul	aug	sep
PASTURE	45	FLOOD			1.61	4.07	4.35	3.34	2.24	

Summary 45 1.61 4.07 4.35 3.34 2.24
 Peak Net Irrigation Requirement (mm/day) = 4.35

 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
 OCT 27 1994

GRADED BORDER EVALUATION

Job name: A71-00055
By: KKC

Location: G01 SOIL FOR 33 ACRES
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=1.00
Slope (S)= 0.0200 ft/ft Border width (W)= 91 ft
Net application (Fn)= 3.56 inches Border length (L)= 250 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
0.60	Gross depth is less than required gross application depth					
0.61	0.007	9.27	5.66	0.04	38.4	(4)
0.62	0.007	9.42	5.66	0.19	37.8	(4)
0.63	0.007	9.57	5.66	0.35	37.2	(4)
0.64	0.007	9.72	5.66	0.50	36.6	(4)
0.65	0.007	9.87	5.66	0.65	36.1	(4)
0.66	0.007	10.03	5.66	0.80	35.5	(4)
0.67	0.007	10.18	5.66	0.95	35.0	(4)
0.68	0.007	10.33	5.66	1.11	34.5	(4)
0.69	0.008	10.48	5.66	1.26	34.0	(4)

(4) Less than minimum recommended depth of flow.

SUPRECEDED
6-4-98
KKC

MICROFILMED
JUL 27 1994

CLAIM NO. --- A71-00055
 AGENT ----- KKC
 DATE ----- 05/18/94

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

 SOIL CHARACTERISTICS

Soil Type = G01...HEMIC MATERIAL
 Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow
0	6	0.2	0.28	5.1	6	40	80	1	3.00	1	0.4
6	27	0.22	0.3	5.6	6.5			2	6.12		
27	60	0.02	0.03	6.1	7.3			3	7.13		
								4	7.43	alternate	
								5	7.73	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD (INCHES)	FIELD NOTES AND CALCULATIONS			
				FIELD 1	FIELD 2	FIELD 3	FIELD 4
				FIELD WIDTH	5750	0	
				IRRIGATION DAYS	21		
				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 =	91		
				THEORETICAL ROTATION (mad/net irr req in inches per			
				SELECTED MAD =	3.56		
				ROTATION =	20.8 DAYS		

 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = STANLEY
 Figure No = 10-73

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)						
				mar	apr	may	jun	jul	aug	sep
PASTURE	33	FLOOD	38.4		1.61	4.07	4.35	3.34	2.24	

SUPERCEDED
6-4-98
KKC

Summary	33		38		1.61	4.07	4.35	3.34	2.24	
Peak Net Irrigation Requirement (mm/day) =						4.35				

 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
DEC 27 1994

GRADED BORDER EVALUATION

Job name: A71-00055
By: KKC

Location: AM1 SOIL FOR 11 ACRES
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=4.00
Slope (S)= 0.0200 ft/ft Border width (W)= 64 ft
Net application (Fn)= 1.00 inches Border length (L)= 250 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
1.30	Gross depth is less than required gross application depth					
1.31	Gross depth is less than required gross application depth					
1.32	0.021	28.51	27.45	0.06	3.5	
1.33	0.021	28.73	27.45	0.28	3.5	
1.34	0.021	28.94	27.45	0.50	3.5	
1.35	0.021	29.16	27.45	0.71	3.4	
1.36	0.021	29.38	27.45	0.93	3.4	
1.37	0.021	29.59	27.45	1.14	3.4	
1.38	0.022	29.81	27.45	1.36	3.4	
1.39	0.022	30.02	27.45	1.58	3.3	

SUPERCEDED
6-4-98
KKC

MICROFILMED

JUL 1 1994

SOIL CHARACTERISTICS

CLAIM NO. --- A71-00055
AGENT ----- KKC
DATE ----- 05/18/94

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

Soil Type = AM1...VERY GRAVELLY, 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	3	0.07	0.08	5.6	6.5	2	4	1	0.86	4	0.85
3	14	0.06	0.08	5.6	6.5			2	1.49		
14	32	0.04	0.06	5.6	6.5			3	1.99		
32	60	0.02	0.03	5.6	6.5			4	2.30	alternate	
								5	2.60	method	
										NA	NA

Management Allowed Deficit (MAD)

				FIELD NOTES AND CALCULATIONS				
crop	root depth (ft)	stress point (INCHES)	MAD	FIELD 1	FIELD 2	FIELD 3	FIELD 4	
alfalfa (hay or seed)	5	0.5	1.30	FIELD WIDTH	1920	0		
corn (field or silage)	4	0.5	1.15	IRRIGATION DAYS	10			
grain (winter or spring)	4	0.5	1.15	DRY DAYS	0			
pasture (or grass hay)	3	0.5	1.00	SET TIME(hours)	8			
other (enter below)				CALCULATED RUN (run = acres*43560/width)				
				LENGTH (RUN) =	250			
				CALCULATED BORDER WIDTH (ditch length/irr days * cha				
				WIDTH =	64			
				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD =	1			
				ROTATION =	5.8 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = STANLEY
Figure No = 10-73

crop	acres	system	recomm. eff.	mar	Net Irrigation Requirement (mm/day)	apr	may	jun	jul	aug	sep	oct
PASTURE	11	FLOOD				1.61	4.07	4.35	3.34	2.24		

Summary	11					1.61	4.07	4.35	3.34	2.24		
Peak Net Irrigation Requirement (mm/day) =						4.35						

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
OCT 27 1994

SUPERCEDED
6-4-98 KKC

9-21-93

with Per. Piva:

irrigates from road to first drain area.
ground East of drain is not irr.
10 days to cover P/U. 24 hr sets
no dry days

Lower end is sub irrigated

Silva irrigates at same time, no rotation

MICROFILMED
OCT 27 1994