

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

JUL 12 1990

Ident. Number: A71-04052
Date Received: 1/11/1990
Receipt No: C013934
Received By: OK

Department of Water Resources

Southern Region Office NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: ALLEN BOYD ELLIS 208-345-7832
Address: P.O BOX 388
BOISE, ID 83701
OR
Name: BARBARA A. ELLIS 208-345-7832
Address: P.O BOX 388
BOISE, ID 83701
2. Date of Priority: JUN 01, 1931
3. Source: FOURTH OF JULY CREEK Trib. to: SALMON RIVER
4. Point of Diversion:
Township Range Section 1/4 of 1/4 of 1/4 Lot County
08N 14E 9 NW SW CUSTER
5. Description of diverting works:
DIVERSION DAM, FISH WHEEL
6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	05/01	11/01	0.300		
7. Total Quantity Appropriated is:
0.300 C.F.S. (and/or) A.F.A.
8. Total consumptive use is Acre Feet Per Annum.
9. Non-irrigation uses:
STOCKWATER INCIDENTAL TO IRRIGATION

A71-04052

Page 1

Date: 01/11/90

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10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08N	14E	9	NW	SW		IRR	15.0
Section Acres							15.0
Total Acres							15.0

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:
N/A

14. Remarks:

15. Basis of Claim: STATUTORY CLAIM

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

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

Signature of Claimant(s): Allen G. Galt Date: 1/11/90

Date: _____

State of Idaho)
County of BOA) SS.

Subscribed and sworn (or affirmed) before me this 11th day
of JANUARY 19 90
Donald P. Smith
Notary Public

Seal

Residing at Boise, ID
My Commission Expires 11/08/1994



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

March 2, 1992

R. KEITH HIGGINSON
Director

A71-04052
ALLEN BOYD ELLIS
BARBARA A. ELLIS
P.O. BOX 388
BOISE

ID 83701

RE: Evidence of Priority

RESPONSE DEADLINE

MAY 1, 1992

Dear Claimant:

The Notice(s) of Claim identified with the number shown above your name on the mailing label has been filed in the Snake River Basin Adjudication (SRBA). The Notice(s) indicate your water usage is based on "Beneficial Use" or a "Statutory Claim". Water rights of this type are established by the historical use of water, dating back to when water was first used for the purpose claimed. **The date of first use, known as the priority date, has not been confirmed by a License, Decree or Permit.** The Department will soon conduct reviews &/or field exams for the claims in your area. Since the priority date of a beneficial use water right can not be confirmed by field examination, **proof must be provided supporting the priority date you have claimed.**

The Department will not recommend the Notice(s) be decreed by the court as claimed if no evidence of a priority date is submitted.

Please find enclosed a computer printout of your Notice(s) and the pamphlet entitled **"Evidence of Priority"**. The pamphlet describes the types of evidence required and suggests which documents will fulfill this requirement. I direct your attention to the two sections entitled **"What Kind of Evidence is Required"** and **"Some Examples of Documents Which May Be Evidence of the Priority Date"**.

Please submit the required evidence supporting the priority date(s) by **May 1, 1992**, referencing all documents with the corresponding Notice number(s). If you have any questions not covered by this letter or the enclosed pamphlet, please contact this office.

Respectfully submitted,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosures

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APR 22 1992

Department of Water Resources

Southern Region Office

ALLEN B. ELLIS

STEPHEN C. BROWN

MAX M. SHEILS, JR.

MARTIN NEILS

LAW OFFICE

ELLIS, BROWN & SHEILS, CHARTERED

P.O. BOX 388

BOISE, IDAHO 83701

707 NORTH 8TH STREET

OFFICE (208) 345-7832

FAX (208) 345-9564

April 21, 1992

Allen Merritt, P.E.
Water Rights Supervisor
State of Idaho
Department of Water Resources
Southern Region
222 Shoshone St. East
Twin Falls, ID 83301

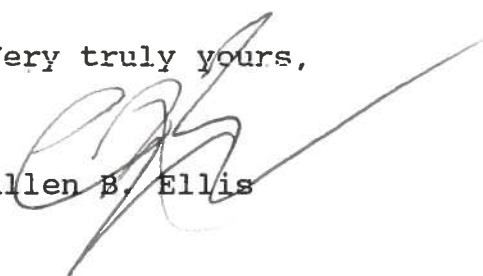
Re: Water Right No. A71-04052
Current Owners: Allen B. Ellis/Barbara A. Ellis
Priority Date: 06/01/31

Dear Mr. Merritt;

Please find enclosed my affidavit respecting the above referenced water right which I submit on behalf myself and my joint tenant, Barbara A. Ellis.

As is reflected on the enclosed affidavit, I have no documents to support my claim other than this affidavit. This is due in part to the ancient nature of the priority date (06/01/31) and due in part to the circumstances under which the property was acquired.

Very truly yours,


Allen B. Ellis

ABE:kc

Enclosure

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APR 22 1992 AFFIDAVIT OF ALLEN B. ELLIS
IN SUPPORT OF WATER RIGHT NUMBER A71-04052

Department of Water Resources

STATE OF IDAHO)
County of Ada) ss.

Allen B. Ellis, being first duly sworn on oath, deposes and says:

1. I am the owner in joint tenancy with Barbara A. Ellis of the real property respecting Water Right No. A71-04052, which real property is located in Custer County near the intersection of Fourth of July Creek and Main Salmon River. That I make this affidavit on my own personal knowledge and am competent to testify to the matters contained herein on behalf of myself and my co-tenant Barbara A. Ellis.

2. I was born on July 11, 1938 in Hailey, Idaho and resided during the summer months until 1942 at the real property described in paragraph 1, to wit: Township 8N Range 14E, Section 9 Tract NW/SW. In 1942, my family moved to California but returned each summer to the aforementioned real property. Prior to my departure for California, in 1942, I recall the streams (4) crossing the 15 acres in question, which streams had their source in the diversion of Fourth of July Creek, Custer County, State of Idaho. That it is also my recollection from 1942 that these waters were used for domestic/agricultural irrigation and stock watering.

3. That my parents Boyd Brooks Ellis and Alta Horton Ellis purchased the aforesaid real property in 1931, and that the only possible source of surface water for the property was Fourth of July Creek. At that time, my parents owned both the 15 acres presently owned by Allen Boyd Ellis and Barbara A. Ellis and the adjacent property owned by Lou Racine and Jack Furey. That property was sold to Sandy Brooks in approximately 1948 who subsequently conveyed it to Racine/Furey.

4. That from 1931 and from date of my earliest recollection of the Fourth of July Creek diversion on my real property (1942), that the aforesaid water has been used for domestic/agricultural irrigation and stock watering uses by my parents and myself.

5. That my father Boyd B. Ellis is deceased and my mother, Alta H. Ellis is suffering from the latter stages of Alzheimer disease and has no memory of the events which I set forth above. That although I have no personal recollection of water usage prior to the date of June 1, 1931 and I can only cite my own personal observation from 1942, I am confident that there is no evidence to challenge the 1931 date.

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6. That in addition to the diversion of water from Fourth of July Creek as recited above, there was also in 1942 a well located underneath the existing residential structure of the aforesaid real property. That in 1960, the location of the well site was moved approximately 50 yards from the residential dwelling.

7. Because of the time lapse since the inception of the well and the aforementioned diversion, as well as the circumstances, I have no documents respecting well drilling, pump test records, sales receipts, records of diversion works including electrical bills. Aerial photography might provide documentation in addition to this affidavit respecting the nature and configuration of the diversion from Fourth of July Creek which consists of four separate waterways from the point of diversion.

DATED this 21 day of April, 1992.

By: _____

Allen B. Ellis

SUBSCRIBED AND SWORN to before me this 21 day of April, 1992.

Karen Carlyle
Notary Public for Idaho
Residing at Boise
My Commission expires: 1994

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Old (D) Number -

State- ID Zip- 83701

State- ID Zip- 83701

	Source	Tributary
FOURTH OF JULY CREEK		SALMON RIVER

Code	Description	Period From	Water Use Period To	Diversion Rate	Diversion Volume
01 - IRRIGATION		05/01	09/30	0.840	

+ - Total Div. Rate - +	+ - Total Div. Volume - +	+ - Total Consumptive Use - +	+ - KW Usage - +
0.840		0.0	

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
08N	14E	9	NW SW		6.8	01	IRRIGATION	(37) CUSTER

Total Acres: 6.8

+ - - Diversion Means - DIVERSION DAM, DITCH TO FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 71-02004E

..... Remarks

POU1 USE OF THIS RIGHT WITH RIGHT NO. 71-02004E IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 6.8 ACRES IN A SINGLE IRRIGATION SEASON.

EXP 0.18 CFS OF RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN

Water right number - R71-04052

Prefix Translation: RESEARCH

DELIVERY OF THIS RIGHT AND 71-04052.
THE RIGHTS LISTED BELOW ARE EACH DIVERTED THROUGH
POINT OF DIVERSION DESCRIBED ABOVE. RIGHT NOS.: 71-02004E,
71-04052, 71-00036A, 71-02004C & 71-10768

No Old Water Right Numbers Found

No Conditions of Approval found.

Decree Plaintiff - - - + - - - - Decree Defendant - - - + - - - Decree Date - +
00/00/0000

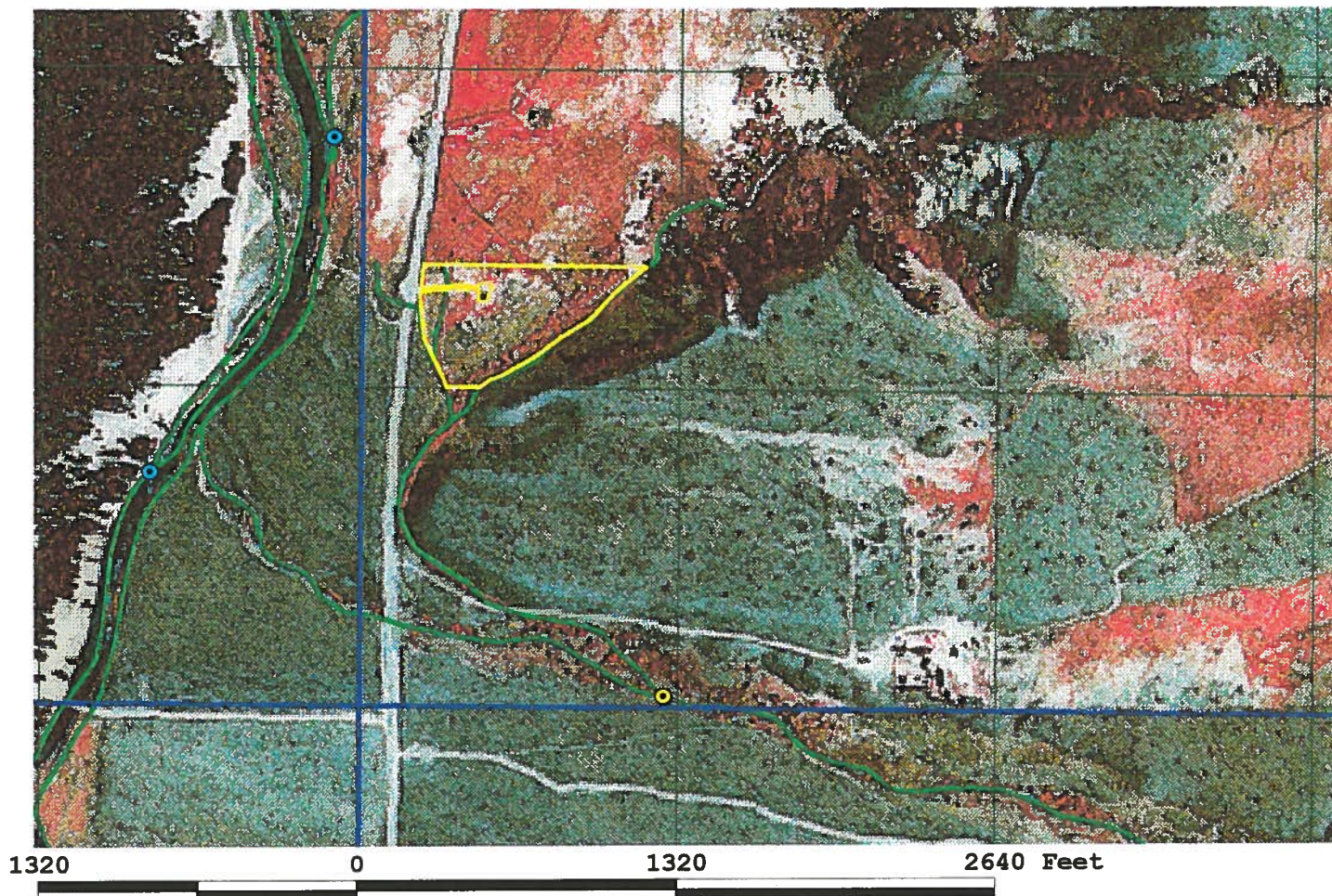
Date: 05/15/1998 User Id: AMERRITT Subject: COPIED FROM REMARKS
0.18 CFS OF THIS RIGHT IS LIMITED TO USE FOR
USE OF THIS RIGHT WITH RIGHT NO. 71-02004E IS LIMITED TO A
THE IRRIGATION OF A COMBINED TOTAL OF 7 ACRES IN A SINGLE
THE RIGHTS LISTED BELOW ARE EACH DIVERTED THROUGH
POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE
OF DIVERSION OF THESE RIGHTS IS LIMITED TO 11.28 CFS (capacity
of diversion system). OTHER RIGHT NOS.: 71-02004E, 71-04052,
71-00036A, 71-02004C & 71-10768.

- - - Audit Fields - - - +
05/15/98 AMERRITT

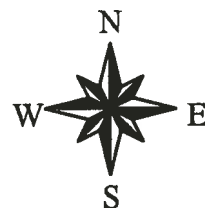
Adjudication Rights Dates and Flags Area			
Court Report Filing	- 00/00/0000	Field Inspection Made	- 07/02/1993
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000
Claim Received Date	- 01/11/1990	Last Amended Date	- 00/00/0000
		Receipt Number	- C013934
		POU Ownership Flag	- Y
		Name Connector	- OR
		Civil Case Number	- 39576
		Old Case Number	-
		Old Judicial District	-
		Temporary Right	- P
		Water District	-
		Federal/State Indicator	- S
		Presumption Flag	-
		Notice of Error Flag	-

IDAHO DEPARTMENT OF WATER RESOURCES

71-02004E & 71-04052



POU:
TWP 8N, RNG 14E,
SEC 9
POD: FOURTH OF JULY CREEK
TWP 08N, RGE 14E
SESWSW SEC 9



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

GIS PLACE OF USE PRESENTATION
1987 AND/OR 1988 NAPP PHOTOGRAPHY
DATA ENTRY MARCH 1998
BY ALLEN MERRITT

71-02004E
71-04052

TRANSFER NUMBER _____

CLAIM NUMBERS _____ DATE _____

HOMESTEAD ENTRY NO. _____

AGENT _____

CLAIMED ACRE TOTAL _____

GEOGRAPHIC INFO ACRES _____

RIGHT 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																			
GIS	8N	14E	9																
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B71-DBPOD.SHP

NOS DESCRIPTION

52 SE SWSW
Sec 9

B71-DBPOU.SHP

SHAPE NOS

93

DBF TABLES UPDATED

B71-DBPOD.DBF

B71-DBPOU.DBF

**REEVALUATION OF IRRIGATION RATES
BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES**

CLAIM NUMBERS

71-02004E

DATE: May 8, 1998

71-04052

REVIEWED BY _____

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
TP1	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
TN1	4.66	10	* 6.8	* 0.26	= 0.82 CFS
			*	*	= CFS
			*	*	= CFS
			*	*	= CFS

+ Conveyance

TOTAL ACRES _____

DECREED RATE = _____
CLAIMED DIVERSION RATE = _____
ORIGINAL HUBBLE RATE = _____
MEASURED DIVERSION RATE = _____

0.16
.66 + 0.18 = 0.84

IDAHO DEPARTMENT OF WATER RESOURCES
EXEL PROGRAM

FOR RIGHT NO: 71-02004

CREATED ON 2-1-94
BY ADM & KKC
MODIFIED DATE
5/5/98 BY ADM

BY: ADM
DATE: 14-May-98

BASE RATE: 2.50 CFS

OWNER	CLAIMED	ACRES	FIRST	POTENTIAL	FIRST	2ND	2ND	POTENTIAL	SECOND	PRELIM	RATE	
	RATE	FOUND	SHARE	SHARE OF	CUT	ACRE	SHARE	SHARE OF	CUT	RATE	PER	
		IRRIGATED	OF BASE	BASE RATE		ITERATION	ITERATION	REMAINING		SUMMARY	ACRE	
A71-02004A MOELLER	0.10	4.4	4.08	0.100	0.100					0.100	0.10	0.023
A71-02004B JENSEN	0.04	1.5	1.48	0.034		1.5	1.48	0.034	0.034	0.034	0.04	0.023
A71-02004C FUREY	3.00	97.2	88.48	2.211		97.2	92.18	2.211	2.211	2.211	2.20	0.023
A71-02004E ELLIS	0.30	6.8	6.28	0.155		6.8	6.48	0.155	0.155	0.155	0.16	0.023

SUMS	3.44	109.9	100.08	2.500	0.100	105.5	100.08	2.400	2.400	2.500		
			FIRST ITERATION BALANCE									
			NOT ALLOCATED ==>		2.400 CFS							

TOTAL POTENTIAL
ALLOCATED RATE 2.500 CFS
BEFORE HUBBLE ==>
BALANCE NOT
ALLOCATED ==> 0.000 CFS

R PROOF

✓

CVR

✓

MAPS

✓

PHOTOS

✓

MISC

✓

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Water Right Number - R71-04052

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
ELLIS
Last Name - First Name - Address -
BARBARA A
1 - PO BOX 388
2 -
3 -
City- BOISE
Phone - 208-345-7832
1 - PO BOX 388
2 -
3 -
City- BOISE
Phone - 208-345-7832
State- ID Zip- 83701

ELLIS
ALLEN BOYD

State- ID Zip- 83701
Phone - 208-345-7832

Priority Date - 06/01/1931
Region - 17 SOUTHERN
J - BENEFICIAL USE
Status -

Source - FOURTH OF JULY CREEK
Tributary - SALMON RIVER

Twn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion
08N	14E	9	SE SW SW			(37) CUSTER	

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		05/01	09/30		0.840	

Total Div. Rate - 0.860
Total Div. Volume - 0.860
Total Consumptive Use - 0.0
KW Usage -

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
08N	14E	9	NW SW		7.0	01	IRRIGATION	(37) CUSTER

Total Acres: 7.0

- - - Diversion Means - DIVERSION DAM, DITCH TO FLOOD IRRIGATION
- - - Non-Irrigation Use - STOCKWATER INCIDENTAL TO IRRIGATION
- - - Other Rights for Same Use - 71-02004E

0.18 CFS OF THIS RIGHT IS LIMITED TO USE FOR
CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT AND 71-02004E.
USE OF THIS RIGHT WITH RIGHT NO. 71-02004E IS LIMITED TO A
TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 14 AF, AND TO

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Water right number - R71-04052

Prefix translation: RESEARCH

THE IRRIGATION OF A COMBINED TOTAL OF 7 ACRES IN A SINGLE
IRRIGATION SEASON.

THE RIGHTS LISTED BELOW ARE EACH DIVERTED THROUGH
POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE
OF DIVERSION OF THESE RIGHTS IS LIMITED TO 11.28 CFS (capacity
of diversion system). OTHER RIGHT NOS.: 71-02004E, 71-04052,
71-00036A, 71-02004C & 71-10768.

No Old Water Right Numbers Found

No Conditions of Approval found.

Decree Plaintiff

Decree Defendant

Decree Date
00/00/0000

No Comments Found

Audit Fields

04/11/94 MERRITT

Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	Field Inspection Made	- 07/02/1993	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	- 01/11/1990	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- C013934	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- OR	Presumption Flag	-
				Notice of Error Flag	-

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Evaluation
by ADM
3/30/94

✓
A71-02004E
A71-04052

On 7/2/93 I met Barbara Ellis on the property while doing the field review with Jack Furey on the adjoining ranch. Barbara showed me the ditches used to irrigate the pasture & lawn areas but she didn't know how the irrigation rotation or application was applied. She indicated I should contact her brother, Allen Ellis.

Early this year I reviewed the rights under 71-02004 and the license exam seems to indicate the Ellis property was originally developed under that license. On 3/11/94 I discussed this matter with Allen Boyd Ellis by phone and he decided to file a claim for a portion of the old license. We also discussed the amount of water used and he decided to amend his original claim A71-04052 to cover excess flows historically used on the property. I drafted claims and sent them to him based on our conversation. He returned the signed claims & an affidavit of use.

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Using the Hubble Wild Flooding analysis procedure I determined that of the found 7 zones investigated as determined from aerial photos that all 7 are comprised of TN1 type soil. Using the invis. info from Ellis & the Hubble procedure I determined these 7 zones justify 0.84 cfs for the IR requirement.

Determination of convergence was 0.18 cfs, $\therefore$ Total justified is 1.02 cfs.

A71-02004E
0.16 cfs

A71-04052
0.86 cfs

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ADM
4/11/92

Furey & Ellis 4th of July Ditch

Claim	Source	Claimed Amt.	Soil Test.	Ditch Area	Recommended before Convergence
A71-00036A	4 th	1.8	over up section 16.60 cfs 11.82 cfs 4th only	11.28 cfs	1.52
A71-02004C	4 th	3.0			11.28 + 0.53 = 2.20
A71-10768	4 th	10.0			6.8 + 7.56
A71-02004E	4 th	0.30	0.84		0.84 - 0.75 = 0.16
A71-04052	4 th	0.90			0.68

When all right, combined shall not exceed 11.28 cfs max capacity of ditch.

~~Base calc of convergence on 0.75 to Ellis & No need to calc convergence since div. of flow less than calculated Trans. Requirement.~~

Calc convergence for Ellis for 1200' of 4' wide ditch with est. $C = 3.0$

$$\text{Loss} = \frac{\text{length} \times \text{width} \times \text{Est. for soil loss area}}{24 \times 60 \times 60} = 0.18 \text{ cfs}$$

Est. for soil loss area.

∴ rt. A71-04052 will be recommended for $0.68 + 0.18 = 0.86 \text{ cfs}$ (0.18 to be converged)

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4th of July Creek

P/D T8N R14E

Sec 9

SE SWSW

*Note Stream is bridged
in this area and this
brid could be looked at
as a ditch with P/D
further up creek but I
am recommending above as
P/D since it matches old
license.

Ellis

A71-02004E

A71-04052

Furey

A71-00036A

A71-02004C

A71-10768

Mueller

A71-02004A

* Maybe

Not Included

Jensen

A71-02004B

* Maybe

Not Included

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GRADED BORDER EVALUATION

Job name: ELLIS
By: ADM

Location: TN1 7AC 10DAY
Date: Mar 16, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=4.00
Slope (S)= 0.0300 ft/ft Border width (W)= 34 ft
Net application (Fn)= 1.21 inches Border length (L)= 300 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
0.80	Gross depth is less than required gross application depth					
0.81	Gross depth is less than required gross application depth					
0.82	Gross depth is less than required gross application depth					
0.83	Gross depth is less than required gross application depth					
0.84	0.025	28.46	27.23	0.02	4.3	
0.85	0.025	28.80	27.23	0.36	4.2	
0.86	0.025	29.14	27.23	0.70	4.2	
0.87	0.026	29.48	27.23	1.04	4.1	
0.88	0.026	29.82	27.23	1.37	4.1	
0.89	0.026	30.16	27.23	1.71	4.0	

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OC1 27 1994

6742

Ellis

POOR ORIGINAL

395

7 acres

4

RIVER
RIVER

5737

706

Recommended

P/D

BM

Sawtooth Valley
Work Center

6772

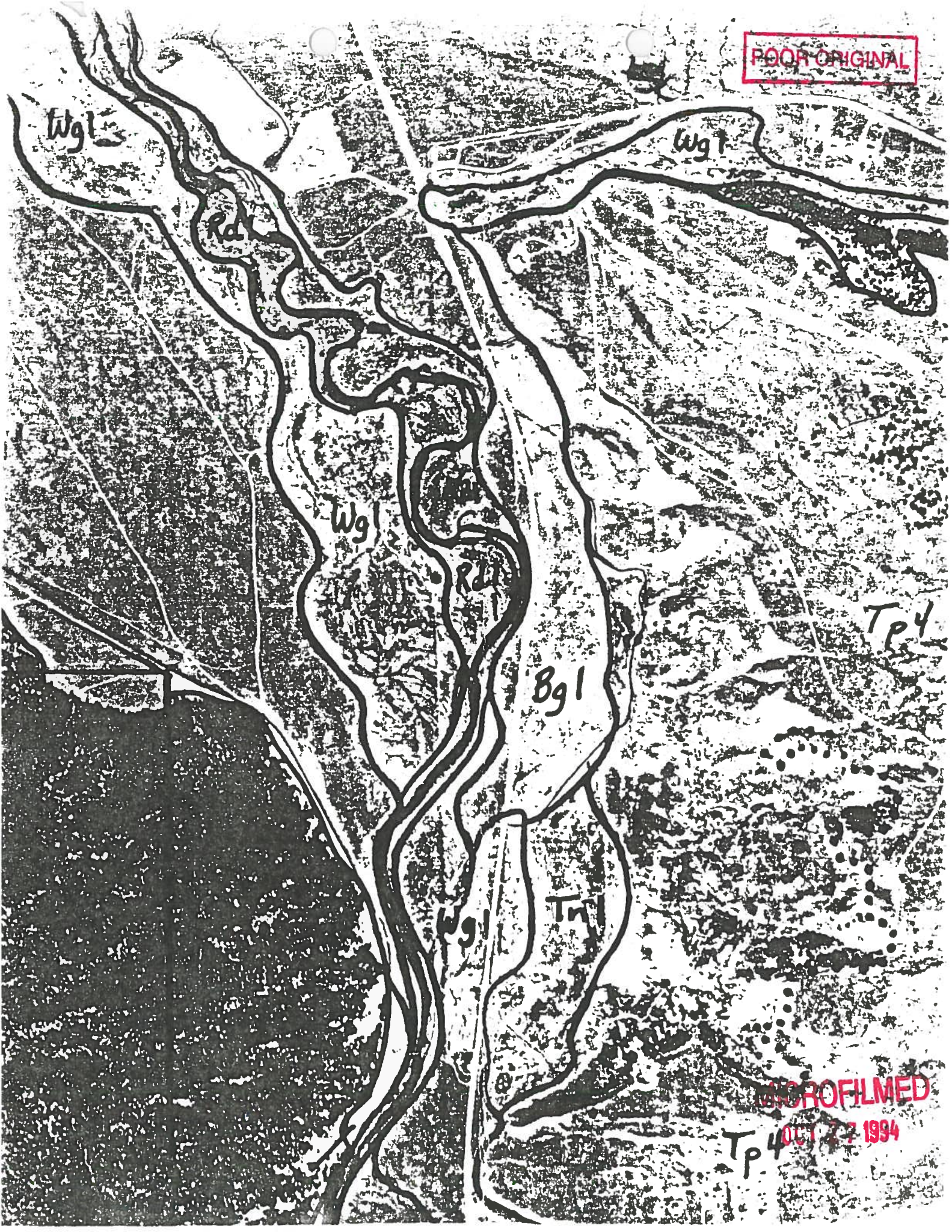
801

Hellspot

MICROFILMED

OCT 27 1994

POOR ORIGINAL



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OCT 27 1994

Tp4

SOIL CHARACTERISTICS initials: ADM date: 06/25/93

Soil Type = TN1...GRAVELLY SANDY LOAM
Source of Soils Data = SCS

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (ft)	AWC (inches)	intake family		AWC (ave)
lower	upper	lower	upper	lower	upper	lower	upper			flood	furrow	
0	4	0.08	0.1	5.6	7.3	2	3	1	1.12	4	0.85	1
4	22	0.07	0.12	5.6	7.3			2	2.12			5
22	60	0.02	0.03	5.6	7.3			3	2.42			23
								4	2.72	alternate		61
								5	3.02	method		61
										NA	NA	61
												61
												61
												61
												61
												61

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point	MAD (inches)
alfalfa (hay or seed)	5	0.5	1.51
corn (field or silage)	4	0.5	1.36
grain (winter or spring)	4	0.5	1.36
pasture (or grass hay)	3	0.5	1.21
other (enter below)			

Intake Family

choose base number for intake family from table below based on texture
base number (#'s 1 through 7) = 6

7 7

Intake Family

#	flood	furrow	texture
1	0.3	0.3	heavy clays, silty clay (> 60% clay)
2	0.5	0.35	clays, slit loam (lake laid), sandy clay
3	1	0.4	silty clay loam, clay loam, sandy clay loam, silt loam (stream laid)
4	1.5	0.5	silt loam (wind laid), loam, very fine sandy loam
5	2	0.55	sandy loam, fine sandy loam, gravelly loam
6	3	0.7	very fine sand, loamy sands, gravelly sandy loam
7	4	0.85	sand

If you wish to assign intake family by an alternate method (from Table A-3 in Hubble Report or other) enter your selection below.
Enter a value for both flood and furrow if known, otherwise enter zero.
If you do not wish to assign intake family by an alternate method enter zero for both values.

intake family (flood) = 0
intake family (furrow) = 0

$$\frac{1.21}{0.17} = 7 \text{ days}$$

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Ellis

POOR ORIGINAL

7152

RIVER

6737

TRAIL

7000

9

$$\frac{20}{600} = 0.03$$

6800

P/D

BM

6772

Sawtooth Valley
Ranger Station

JEEP

TRAIL

7000

7020

BM

6816

A

6880

16

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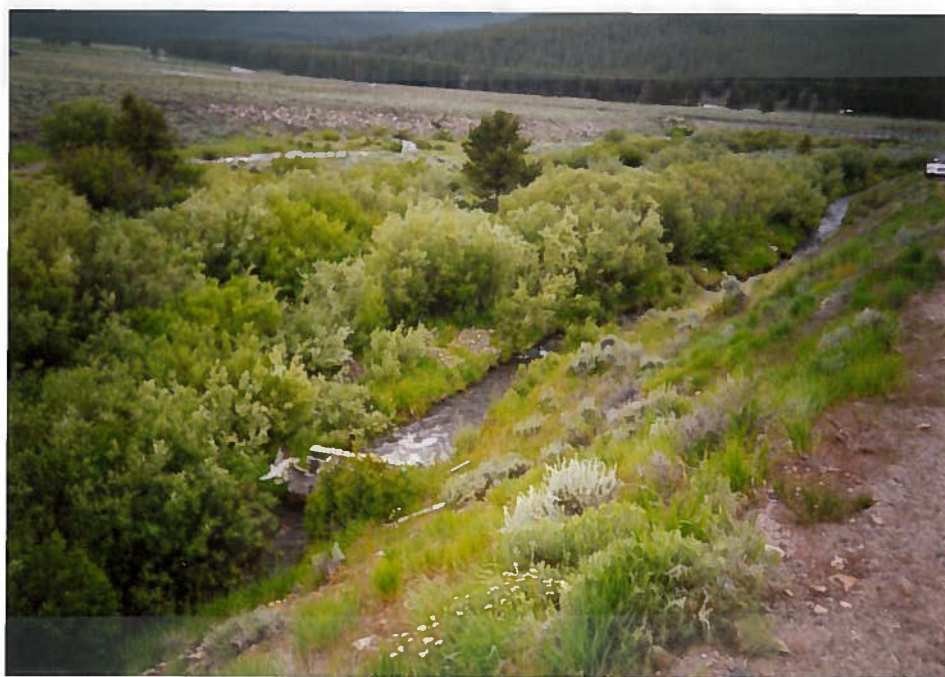
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7000

ADm
7/2/93

Point of Div. from
4th of July for
Fuley & Ellis

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NAME OF STREAM OR DITCH FOURTH OF JULY CREEK
LOCATION ABOVE SPILL BACK TO CR
PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
BASIS OF VELOCITY CALCULATIONS 1
IF YOU ARE USING A PYGMY METER ENTER 2
IF YOU ARE USING A AA METER ENTER 2
ENTRY ----- =

WATER RIGHT NUMBER IF APPLICABLE
AGENT CONDUCTING MEASUREMENT
ACCOMPANIED BY
PREMEASUREMENT SPIN TEST (MIN/SEC) ---
POST MEASUREMENT SPIN TEST (MIN/SEC) -

FUREY & OTHERS
ADM
JACK FUREY

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
						1ST TIME/SEC	2ND TIME/SEC			1ST VELOCITY	2ND VELOCITY	MEAN VELOCITY	
2.00		2.40	0.63	0.32	5	28.8		0.20	0.063	0.40		0.20	0.01
		2.80	0.52		10	25.4		0.40	0.252	0.88		0.40	0.10
		3.20	0.50		10	22.4		0.40	0.208	0.99		0.88	0.18
		3.60	0.50		20	28.0		0.40	0.200	1.58		0.99	0.20
		4.00	0.55		20	17.9		0.40	0.200	2.45		1.58	0.32
		4.40	0.55		20	14.4		0.40	0.220	3.04		2.45	0.54
		4.80	0.55		20	12.8		0.40	0.220	3.42		3.04	0.67
		5.20	0.70		30	19.5		0.40	0.280	3.37		3.42	0.75
		5.60	0.65		30	17.8		0.40	0.260	3.69		3.37	0.94
		6.00	0.75		30	18.7		0.40	0.300	3.51		3.69	0.96
		6.40	0.80		30	20.6		0.40	0.320	3.19		3.51	1.05
		6.80	0.63		30	19.9		0.40	0.252	3.30		3.19	1.02
		7.20	0.70		30	18.6		0.40	0.280	3.53		3.30	0.83
		7.60	0.80		30	20.6		0.40	0.320	3.19		3.53	0.99
		8.00	0.75		20	19.6		0.40	0.300	2.24		3.19	1.02
		8.40	0.80		10	18.7		0.40	0.320	1.19		2.24	0.67
		8.80	0.85		10	23.6		0.40	0.340	0.94		1.19	0.38
		9.20	0.90		10	24.2		0.35	0.315	0.92		0.94	0.32
		9.50		0.45	10			0.15	0.068			0.92	0.29
END												0.46	0.03
													11.28

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MR 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			<i>ADW</i>				<i>ADW</i>	
POINT OF DIV	Y			Y	1,5			
SOURCE				Y	1,5,4			
PLACE OF USE	Y			Y	calc.			
DIV. AMOUNT CFS/VOLUME	Y							
CONSUMPTIVE USE	-							
PURPOSES								
PERIOD OF USE				Y	standard			
BASIS OF CLAIM	Y							
REMARKS	Y		<i>ADW</i>				<i>ADW</i>	

VERIFIED BY CODES

TOPO MAP/ORTHO-PQ = 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.

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PAGE: 1
GENERAL INFORMATION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:43:51
03/22/94
16
CLAIM NUMBER: A71-04052

LAST: ELLIS
ADDRESS: PO BOX 388
CITY: BOISE
PHONE NUMBER: 208-345-7832
OWNER CODE: C
FIRST: ALLEN BOYD
STATE: ID ZIP: 83701

LAST: ELLIS
ADDRESS: PO BOX 388
CITY: BOISE
PHONE NUMBER: 208-345-7832
OWNER CODE: C
FIRST: BARBARA A
STATE: ID ZIP: 83701

FIELD EXAM REQUIRED?
VERIFICATION REQUIRED DUE TO REMARKS?
DATABASE
Y
FIELD EXAMINER

CLAIM REMARKS: THIS CLAIM IS FOR EXCESS OR HIGH WATER FLOWS HISTORICALLY
NEEDED AND USED TO PROPERLY IRRIGATE OUR PROPERTY DUE TO
LOSS IN THE DELIVERY DITCH AS WELL AS THE IRRIGATION REQUIREMENT
FOR GRAVELLY SOILS. THESE EXCESS FLOWS ARE IN ADDITION TO
OUR PORTION OF LICENSE 71-02004.

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CONTACT PERSON: _____

PHONE NUMBER: () - -

DATE OF FIELD EXAM: 7/2/93

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY: _____

PHONE NUMBER: () - -

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / NOTES:

While in area mess. water for ditch and doing
review for Jack Furey's Thousand Springs Ranch
we stopped and went over claims with Barbara
Ellis.

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A. AJ CLAIM: # A71-04052 PRIORITY DATE: 06-01-1931 STAGE: J
B. WR RECORD: # 71-04052 PRIORITY DATE: 06-01-1931 STAGE: S

C. FIELD EXAM REQUIRED?
DUE TO PRIORITY DATE DISCREPANCY? (Y/N) N DATABASE EXAMINER

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

NOTES:

*Affidavit with personal knowledge supports 1941
License 71-02004 supports earlier issue of 1941.
Recommends 1931 as claimed.*

RECOMMENDED PRIORITY DATE:

06-01-1931

REVIEWED BY

DATE

4/11/94

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A71-04052	08N	14E	9		SW	SW		CUSTER
OTHER AJ CLAIMS WITH SAME AJ POD								
A PREFIX			R PREFIX			MR RECORDS IN SAME 40 ACRE TRACT		
A71-02004A			R71-02004A			71-02004		
A71-02004B			R71-02004B					
A71-02004E			R71-10288					
A71-10288								

SOURCE: FOURTH OF JULY CREEK

TRIB: SALMON RIVER

B. MR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
71-04052	08N	14E	9		NW	SW		CUSTER
OTHER MR RECORDS WITH SAME MR POD								
A PREFIX			AJ CLAIMS IN SAME 40 ACRE TRACT			R PREFIX		
NONE			A71-10108			R71-10108		

SOURCE: FOURTH OF JULY CREEK

TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

NOTES:

Lic 71-02004 support SWSW Sec 9 T8N, R14E. Field review supports same however the creek is 1/4 mi. SWSW Sec 9 and the P/D is on one of these bridges. When the bridge splits from the creek just SWSW Sec 9 P/D. I've decided to go with P/D from bridge as considered 2 P/D. This P/D is in SWSW Sec 9 confirmed with orthophoto grid.

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DIVERSION NAME

Cyber

TRIB: SALMON RIVER

DATE:

SYSTEM DESCRIPTION:

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A. ROOT WATER RIGHT NUMBERS: A71-04052
R71-04052

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
08N	14E	9	NW	SW		ELLIS, ALLEN BOYD	A71-04052 /15.0	71-04052 /15.0			
			NW	SW		FUREY, JACK B.	A71-10107 /25.0	-	/		
			NW	SW		FUREY, JACK B.	A71-10108 /	-	/		
			NW	SW		FUREY, JACK B.	A71-02004C /25.0	-	/		
			NW	SW		FUREY, JACK B	R71-10108 /	-	/		
			NW	SW		FUREY, JACK B	R71-02004C /25.0	-	/		
			NW	SW		ELLIS, BARBARA A	R71-04052 /15.0	-	/		
			NW	SW		FUREY, JACK B	R71-10107 /25.0	-	/		
			NW	SW		ELLIS, ALLEN BOYD	A71-02004E /15.0	-	/		
			NW	SW		FUREY, JACK B	A71-10768 /25.0	-	/		
			NW	SW		ACHEN, GEORGE W.		71-02004 /35.0			
TOTAL ACRES							A71-04052	15.00	15.00	27.00	

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

C. FIELD EXAM REQUIRED?

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

PRESUMPTION FLAG:

NOTES:

See attached map
Ellis owns more land on hillside but it is not irrigated,

RECOMMENDATIONS:

TOTAL ACRES: 7

REVIEWED BY: *AB*

DATE: 4/11/94

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A. AJ CLAIMED USES:

PURPOSES
A71-04052 IRRIGATION

MONTH/DAY
FROM 05-01 TO 11-01

DIVERSION QUANTITY
.900 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

.900 CFS

B. WR RECORDED USES:

PURPOSES
71-04052 IRRIGATION

MONTH/DAY
FROM 05-01 TO 11-01

DIVERSION QUANTITY
.300 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

.300 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

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

NOTES:

Standard 5/1 to 9/30

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

AJ TOTAL CLAIMED DIVERSION RATE: 0.900 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.300 CFS

() (X)

*** 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 notes. **

FLOW MEASUREMENT REQUIRED?

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

FIELD DATABASE EXAMINER

B.

MEASUREMENT METHOD

meter

FLOW MEASUREMENT

SEE ATTACHED CALCULATIONS.

See flow measurement calculations

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

OTHER RIGHTS LISTED IN CLAIM: 71-02004E

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A71-04052	FOURTH OF JULY CREEK	ELLIS, ALLEN BOYD	0.900	0.060		
A71-02004C	FOURTH OF JULY CREEK	FUREY, JACK B.	3.000	0.020		
R71-02004C	FOURTH OF JULY CREEK	FUREY, JACK B.	3.000	0.020		
A71-02004E	FOURTH OF JULY CREEK	ELLIS, ALLEN BOYD	0.300	0.020		
R71-04052	FOURTH OF JULY CREEK	ELLIS, BARBARA A	0.300	0.020		
R71-10107	SLIDE SPRING	FUREY, JACK B.	2.000	0.011		
A71-10107	SLIDE SPRING	FUREY, JACK B.	2.000	0.011		
A71-10768	FOURTH OF JULY CREEK	FUREY, JACK B.	10.000	0.055		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A71-10108	DOMESTIC	FUREY, JACK B.	FROM 01-01 TO 12-31	.040 CFS	
R71-10108	DOMESTIC	FUREY, JACK B.	FROM 01-01 TO 12-31	.040 CFS	

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D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 7 x 0.02 CFS/ACRE = 0.14 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 = AF/A

ACRES 7 x CONSUMPTIVE VOL. AF/A FOR AREA 2.0 =

TOTAL CONSUMPTIVE USE 14.0 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES 7 x DIVERSION VOL. AF/A FOR AREA 2.0 =

TOTAL DIVERSION VOLUME 14.0 AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

← combined limit
with 71-02004E

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RECOMMENDATIONS:

REC. PERIOD FROM	TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
05-01	9/30	0.000	0.000	0.0
IRRIGATION	11-01	0.000	0.000	0.0
TOTAL FOR THIS RIGHT				

REVIEWED BY: APM

DATE: 4/11/94

0.18 is convergence
loss. See attached
evaluation,

14.0 limit
with 71-02004E

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FOREFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

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

2 attached

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-04052
TOTAL DIVERSION RATE OF HR SPLITS

DATABASE
0.300

EXAMINER

CFS

N/A

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	HR RIGHT NUMBERS	DIVERSION RATE
-	A71-04052	0.900	R71-04052	0.300	71-04052	0.300
TOTAL CFS		0.900	0.300		0.300	

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
FIELD EXAMINER

NOTES:

AUTHENTICATION:

SIGNATURE:

[Signature]

DATE:

4/11/92

NAME OF FIELD EXAMINER:

TITLE:

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CLAIM NUMBER: A71-04052

DIVERSION
VOLUME

0.90 CFS

Stage: BENEFICIAL USE

CUSTER County

ST

15.0

Other Rights: 71-02004E

THIS CLAIM IS FOR EXCESS OR HIGH WATER FLOWS HISTORICALLY NEEDED AND USED TO PROPERLY IRRIGATE OUR PROPERTY DUE TO LOSS IN THE DELIVERY DITCH AS WELL AS THE IRRIGATION REQUIREMENT FOR GRAVELLY SOILS. THESE EXCESS FLOWS ARE IN ADDITION TO OUR PORTION OF LICENSE 71-02004.

Field Inspection Flag:
Presumption Flag:

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