

Address
change

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: A71-02014
Date Received: 8/ 1/1989
Receipt No: S008705
Received By: _____

COPY FOR
YOUR FILES

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

COPY FOR
YOUR FILES

1. Name: WILLIAM H VANDERBILT 208-726-5339
Address: PO BOX 4740
KETCHUM ID 83340
AND/OR
Name: ANN S VANDERBILT 208-726-5339
Address: PO BOX 4740
KETCHUM ID 83340

2. Date of Priority: APR 8, 1916

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 of	Lot	County
08N	14E	15	NE	NW	NE		CUSTER

5. Description of diverting works:
HEADGATE, SMALL RESEVOIR WITH CULVERT OVERFLOW

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	05/01	11/01	2.830		
STOCKWATER	06/01	11/01	0.070		

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

8. Total consumptive use is 362.5 Acre Feet Per Annum.

9. Non-irrigation uses:
S/200 BEEF STOCK

MICROFILMED
OCT 27 1994

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08N	14E	9	NE	SE		IRR	34.0
			NW	SE		IRR	37.0
			SW	SE		IRR	40.0
			SE	SE		IRR	34.0
						Section Acres	145.0
						Total Acres	145.0

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:

15. Basis of Claim: LICENSE

Water Right Number: 12015

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OCT 27 1994

CHANGE IN ADDRESS OF NOTICE OF CLAIM

[] Water Right Number (s): A71-02014
A37-12441

[] Old Mailing Address: William H & Ann S Vanderbilt
PO Box 3637
Ketchum ID 83340

[] New Mailing Address: PO Box 4740
Ketchum ID 83340

New Telephone Number: () - No change

[] Signature of Claimant: W. S. Vanderbilt
Date: January 27, 1994

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: 1/27/94

By: AD

Further Action Needed:

Further Action Taken

Date:

By:

Final Review and Data-Entry

Date:

By:

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OCT 27 1994

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
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ACQUIRED UNDER STATE LAW

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AND/OR

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Address: P.O. BOX 3637
KETCHUM, ID 83340

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S/200 BEEF STOCK

A71-02014

Page 1

Date: 08/01/89

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MAR 17 1993

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08N	14E	9	NE	SE		IRR	34.0
			NW	SE		IRR	37.0
			SW	SE		IRR	40.0
			SE	SE		IRR	34.0
						Section Acres	145.0
						Total Acres	145.0

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:

15. Basis of Claim: LICENSE
Water Right Number: 12015

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): _____ Date: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____
My Commission Expires _____

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

A71-02014

Date Received

Receipt Number

NOTICE OF CLAIM
TO A
WATER RIGHT

ACQUIRED UNDER STATE LAW

RECEIVED

JUL 26 1989

Department of Water Resources
Southern Region Office

Please type or print clearly

1. Name of Claimant (s) William H. & Ann S. Vanderbilt Phone (208) 726-5339Mailing Address P.O. Box 3637, Ketchum, Idaho Zip 833402. Date of Priority (Only one (1) per claim) 4-8-1916 (APRIL 8, 1916)3. Source of water supply (a) Fourth of July Creek
which is tributary to (b) Salmon River4. a. Location of existing point of diversion is: Township 8N Range 14E Section 15,
NE 1/4 of NW 1/4 of NE 1/4, Govt. Lot, _____ B.M., County of CusterAdditional points of diversion if any: None

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____
_____ 1/4, Govt. Lot _____ B.M., County of _____5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well.

- 1) Headgate at Fourth of July Creek - Log, 2' x 10' boards
and orange dam material - SPAN = 18 feet across
- 2) Small Reservoir 12' x 20' x 8' deep with culvert
overflow - BUILT JULY, 1985

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MAR 17 1993

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation purposes from May 1 to Nov. 1 amount 2.83 or _____

For Stockwater purposes from June 1 to Nov. 1 amount .07 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 2.9 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 362.5 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) Stockwater - 200 head of cattle

10. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of use (example: D for Domestic)

in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
8N	14E	9				34													34
8N	14E	9								37									37
8N	14E	9												40					40
8N	14E	9																34	34

Total number of acres irrigated 145

11. In which county (ies) are lands listed above as place of use located? Custer

12. Do you own the property listed above as place of use? Yes X No _____
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.

or None (X)

14. Remarks:

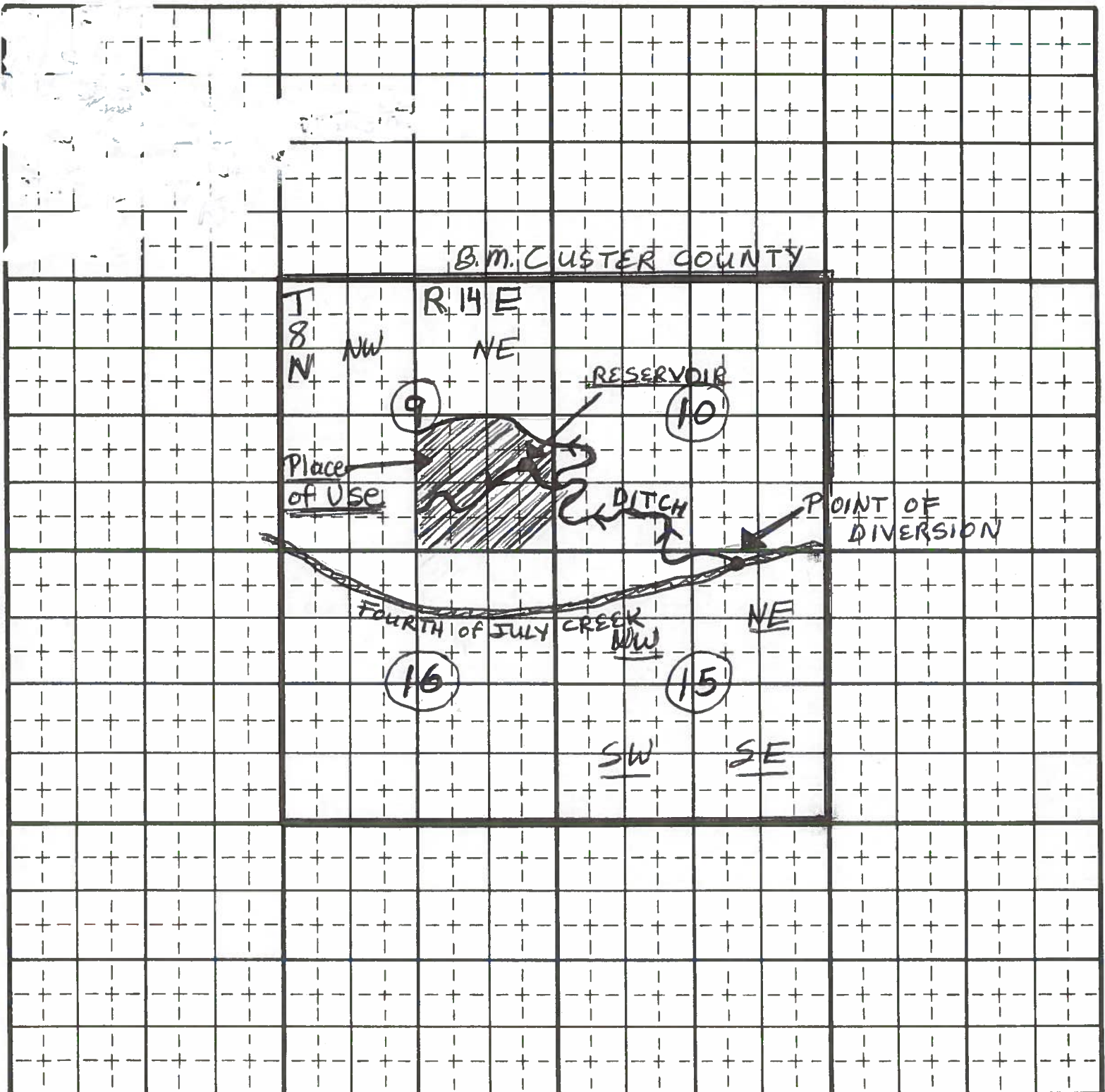
Last Name Vanderbilt Ident No. _____

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MAR 17 1993
Copies: White - State, Yellow - Claimant

Map of Project: show clearly the point of diversion, place of use, section number, township, and range number.

Scale: 2 inches equals 1 mile



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Last Name Vanderbilt Ident No. _____

Copies: White-Strip Yellow-Glass **MAR 17 1993**

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License ☒ Permit _____
Decree _____
If applicable provide IDWR Water Right Number 12015
Court _____ Case Number _____ Decree Date _____
Plaintiff vs 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 1

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true
and correct.

Signature of Claimant (s) [Signature]

Date July 21, 1989

[Signature]

Date July 21, 1989

For Organizations: I do solemnly swear or affirm that I am _____

Title

of _____, that I have signed the foregoing

Organization

document in the space below as _____

Title

of _____

Organization

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent _____

Title and Organization _____

Date _____

State of Idaho/or _____)
County of Blaine) SS.

Subscribed and sworn (or affirmed) before me this 21 day of July 19 89

SEAL

Notary Public [Signature]

Residing at Blaine County

My Commission Expires 11-04-91

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf
of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above
should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

Last Name Vanderbilt Ident. Number _____

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MAR 17 1993
Copies to State, Idaho-Claimant

State of Idaho

License and Certificate of Water Right

Water License No. 12015

Water District No.

Amount 2.9 sec. ft.

Priority 4-8-1916

THIS IS TO CERTIFY that C. M. Foley, of Stanley, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated February 8, 1916; that Permit No. 12015 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 3.0 second feet, was issued thereunder on February 24, 1921, showing that said works were completed on the 22nd day of November, 1920; and that on the 6th day of June, 1927,

C. M. Foley,

of Stanley, State of Idaho, made proof to the satisfaction of the Commissioner of Reclamation of Idaho, of the right to use the waters of Fourth of July Creek, a tributary of Salmon River, for the purpose of irrigation and domestic use, under Use Permit No. 12015 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Idaho, and is hereby confirmed by the Commissioner of Reclamation of Idaho and entered of record in Volume 6 of Licenses, at page 3484, on the 25th day of November, 1927; The right hereby confirmed dates from April 8, 1916;

The Point of Diversion is located in the Northeast corner of the NW 1/4 NE 1/4, Sec. 15, Tp. 8 N., R. 14 E., B. M. Custer County;

MICROFILMED

MAR 17 1993

The right hereby confirmed dates from April 8

, 1916 ;

The Point of Diversion is located in the Northeast corner of
in the NW 1/4 NE 1/4, Sec. 15, Tp. 8 N., R. 14 E., B. M. Custer County;

That the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid,
is limited to an amount actually needed and beneficially used for said purposes, and shall not exceed 2.9
cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
8 N.	14 E.	9	NE 1/4 SE 1/4 NW 1/4 SE 1/4 SW 1/4 SE 1/4 SE 1/4 SE 1/4	37 34 40 39	34 37 40 34
Total					145

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use
herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the Commissioner of Reclamation, affixed at Boise, Idaho,
this 25th day of November, 1927.

GEO. N. CARTER.

Commissioner of Reclamation

(SEAL)

71 2014

MICROFILMED

MAR 17 1993



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

.Aug. 25, 1989

Re: A71-02014

.WILLIAM H VANDERBILT
.P O BOX 3637
.KETCHUM ID 83340

Dear Claimant(s):

Please find enclosed your receipt and a copy of a computer generated claim based on the information from your original claim(s) which has been entered in our computer records.

Please review the computer generated claim for accuracy. In a few instances clarifications may have been added by the Department at the time of data entry. If you have any questions or objections regarding the computer record of you claim(s), please contact this office.

Yours truly,

A handwritten signature in cursive script, appearing to read 'Judy'.

Judy Givens
Adjudication Secretary

/jg

Enclosures:

MICROFILMED

MAR 17 1993

July 22, 1998

NOTICE OF ERROR
REPLY

11-02019 ADM 04
RECEIVED
AUG 06 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: 71-02014

WILLIAM H VANDERBILT
ANN S VANDERBILT
PO BOX 4740
KETCHUM ID 83340

Daytime Telephone Number: 208-726-5339
Evening Telephone Number: same

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: Aug. 3, 1998 SIGNATURE: W. H. Vanderbilt
Please print your name: ANN S. VANDERBILT / WILLIAM H. VANDERBILT

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AND/OR

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HEADGATE, SMALL RESEVOIR WITH CULVERT OVERFLOW

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	05/01	11/01	2.830		
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9. Non-irrigation uses:
S/200 BEEF STOCK

A71-02014

Page 1

Date: 08/01/89

MICROFILMED
MAR 17 1993

AJ0743NP
(00-124)

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

05/14/98 15:34:06
Page 1

Water Right Number - R71-02014 Prefix Translation: RESEARCH Old (D) Number - 12015

*** C - CURRENT OWNER ***
VANDERBILT WILLIAM H
1 - PO BOX 4740
2 -
3 -
City- KETCHUM
Phone - 208-726-5339
1 - PO BOX 4740
2 -
3 -
City- KETCHUM
Phone - 208-726-5339
State- ID Zip- 83340

VANDERBILT ANN S
State- ID Zip- 83340

Priority Date - - + 04/08/1916 17 SOUTHERN L - LICENSE Status - - - +

Source - - - - - FOUNTAIN OF JULY CREEK
Tributary - - - - - SALMON RIVER

TwN Rng Sec Tract Lot Rflg County Point of Diversion
08N 14E 10 SE SW SE (37) CUSTER

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		05/01	09/30		2.830	
04 - STOCKWATER		06/01	11/01		0.070	

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
2.900 0.0

TwN	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
08N	14E	9	NE SE		31.0	01	IRRIGATION	(37) CUSTER	
08N	14E	9	NW SE		21.3	01	IRRIGATION	(37) CUSTER	
08N	14E	9	SW SE		19.2	01	IRRIGATION	(37) CUSTER	
08N	14E	9	SE SE		13.6	01	IRRIGATION	(37) CUSTER	
08N	14E	9	NE SE			04	STOCKWATER	(37) CUSTER	
08N	14E	9	NW SE			04	STOCKWATER	(37) CUSTER	
08N	14E	9	SW SE			04	STOCKWATER	(37) CUSTER	
08N	14E	9	SE SE			04	STOCKWATER	(37) CUSTER	

Total Acres: 85.1

+ - - Diversion Means - CHECK DAM TO EARTHEN DITCH WITH SMALL REGULATING POND.
+ - - Non-Irrigation Use -

Prefix Translation: RESEARCH

+ - - Other Rights for Same Use - 71-10762

POU1 US OF THIS RIGHT WITH RIGHT NO. 71-10762 IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 85.1 ACRES IN A SINGLE IRRIGATION SEASON.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 71-02004D, 71-02014, 71-10772 & 71-10762. STOCKWATER IS FOR 200 HEAD OF RANEE CATTLE.

+-----+ Conditions of Approval +-----+
 C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
 - PURSUANT TO SECTION 42-1425, IDAHO CODE.
 C05 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO
 - SECTION 42-1425, IDAHO CODE.
 N01 - THE APPROPRIATOR IS ENTITLED TO THE QUANTITY OF WATER
 - DESCRIBED FOR STOCK WATER PURPOSES AT A POINT OF MEASUREMENT
 - WHERE THE DELIVERY DITCH ENTERS THE PLACE OF USE DESCRIBED, SO
 - LONG AS THE QUANTITY DIVERTED AT THE POINT OF DIVERSION DOES NOT
 - CONSTITUTE UNREASONABLE WASTE.

Decree Plaintiff	Decree Defendant	Decree Date
00/00/0000		

Date:	05/14/1998	User Id:	AMERRITT	Subject:	COPIED FROM REMARKS
USE OF THIS RIGHT WITH RIGHT NO.	71-10762	IS LIMITED TO A		TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 170.4 AF, AND TO	
THE IRRIGATION OF A COMBINED TOTAL OF 85.2 ACRES IN A SINGLE				IRRIGATION SEASON.	
THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF DIVERSION				DESCRIBED ABOVE AND THE TOTAL COMBINED RATE OF DIVERSION OF THESION	
RIGHTS IS LIMITED TO 5.32 CFS.				RIGHTS: 71-02004D, 71-02014,	
				71-10772 & 71-10762.	

+ - - Audit Fields - - +
05/14/98 AMERRITT

Court Report Filing	-	00/00/0000	Field Inspection Made	-	09/08/1993	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	-	08/01/1989	Last Amended Date	-	00/00/0000	Temporary Right	-	P
			Receipt Number	-	S008705	Water District	-	
			POU Ownership Flag	-	Y	Federal/State Indicator	-	S
			Name Connector	-	AND/OR	Presumption Flag	-	C
						Notice of Error Flag	-	

71-02004D
71-10772

71-02014
71-10762

5/19/81
ADM

Reevaluation of USFS & Vanderbilt claims
from 4th of July CK.

I recalculated IR based on revised method &
information. Total justified rate is 7.10 cfs.
Convergence Loss not changed.

Total justified is 8.25 cfs

Vanderbilt's total is 5.70 claimed.

USFS total is 0.90 claimed.

Recommend as claimed. Decided not to limit
to 5.75 cfs since estimate too sensitive to
depth. Other info in file indicates capacity
up to 14 cfs.

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

CLAIM NUMBERS

71-02014 2.90 71-02090 .50
71-10762 2.80 71-10772 .40
5.70 .90

DATE: May 8, 1998

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
TP1	9.33	19	96.8	0.11	7.10 CFS

TOTAL ACRES

11.7
85.1
96.8

DECREED RATE =

CLAIMED DIVERSION RATE =

ORIGINAL HUBBLE RATE =

MEASURED DIVERSION RATE =

FS — $11.7 / 96.8 \times 7.10 = .86 + .14 = 1.00 \text{ cfs}$
VANDERBILT — $85.1 / 96.8 \times 7.10 = 6.24 + 1.01 = 7.25 \text{ cfs}$

71-020
71-10762

TRANSFER NUMBER _____

LAIM NUMBERS _____

DATE 3/24/98

HOMESTEAD ENTRY NO. _____

AGENT AD

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													31.0	21.3	6.7 0.3 12.2	3.0 10.6
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B71-DBPOD.SHP

85.1

NOS DESCRIPTION

51 SESWSE
Sec 10

B71-DBPOU.SHP

SHAPE NOS

91 85.2

DBF TABLES UPDATED

B71-DBPOD.DBF

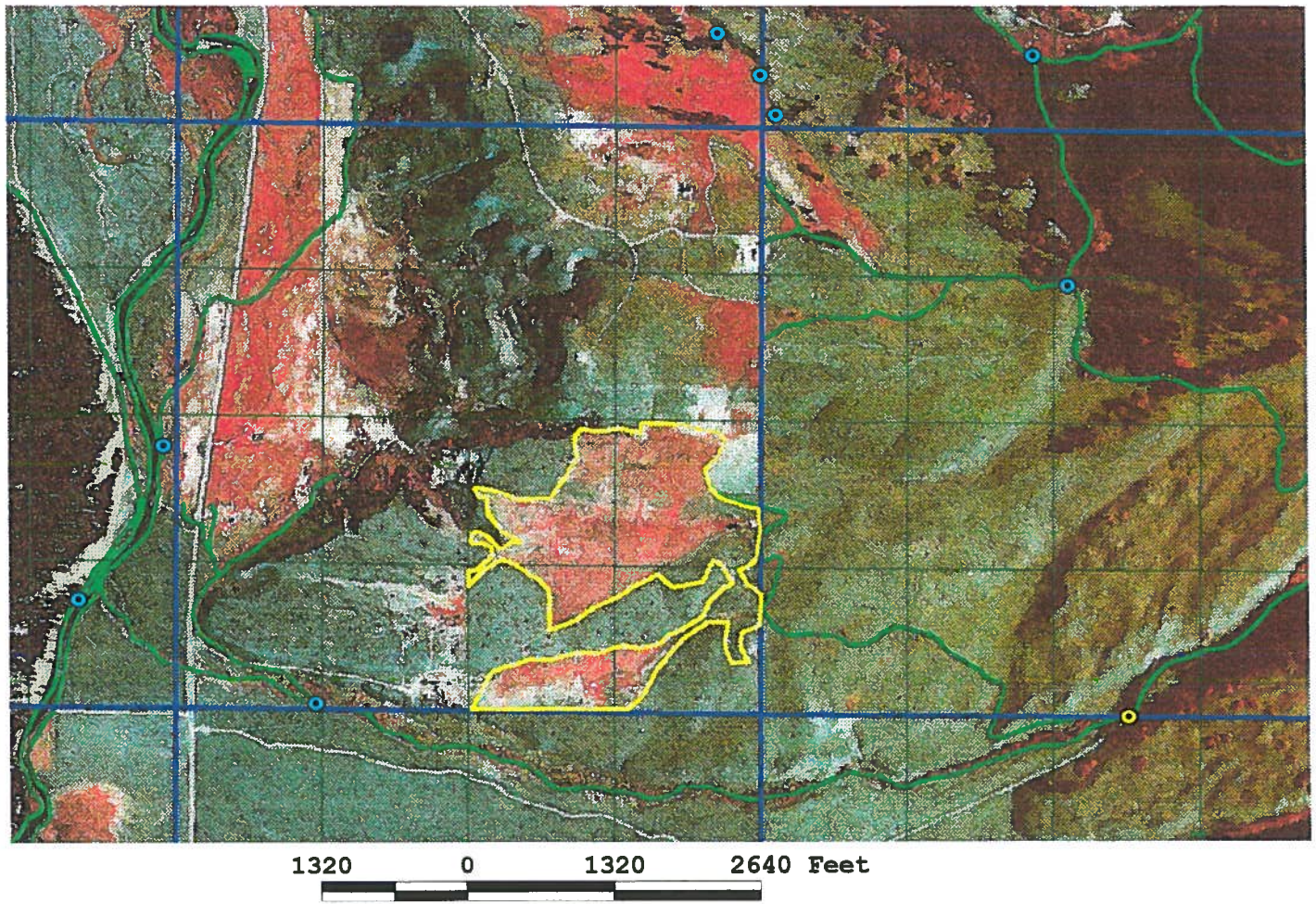
✓

B71-DBPOU.DBF

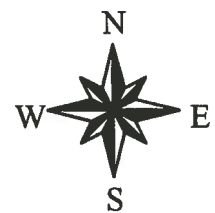
✓

IDAHO DEPARTMENT OF WATER RESOURCES

71-02014 & 71-10762



POU:
TWP 8N, RNG 14E,
SEC 9
POD: FOURTH OF JULY CREEK
TWP 08N, RGE 14E
SESWSE SEC 10



- 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

Water Right Number - R71-02014

Prefix Translation:

RESEARCH

Old (D) Number - 12015

Last Name - +

First Name - +

Address - +

City - +

*** C - CURRENT OWNER ***
VANDERBILT

WILLIAM H

1 - PO BOX 4740
2 -
3 -

State- ID Zip- 83340

VANDERBILT

ANN S

City- KETCHUM
1 - PO BOX 4740
2 -
3 -

State- ID Zip- 83340

Priority Date - +
04/08/1916

Region - +
17 SOUTHERN

Stage - +
L - LICENSE

Status - +

Source - +
FOURTH OF JULY CREEK

Tributary - +
SALMON RIVER

Twn Rng Sec Tract Lot Rflg County
08N 14E 10 SE SW SE (37) CUSTER

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		05/01	09/30		2.830	
04 - STOCKWATER		06/01	11/01		0.070	

+ - Total Div. Rate - + + - Total Div. Volume - +
2.900

+ - Total Consumptive Use - + + - KW Usage - +
0.0

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
08N	14E	9	NE SE		31.4		01	IRRIGATION	(37) CUSTER
08N	14E	9	NW SE		22.5		01	IRRIGATION	(37) CUSTER
08N	14E	9	SW SE		20.9		01	IRRIGATION	(37) CUSTER
08N	14E	9	SE SE		9.3		01	IRRIGATION	(37) CUSTER
08N	14E	10	NW SW		1.1		01	IRRIGATION	(37) CUSTER
08N	14E	9	NE SE				04	STOCKWATER	(37) CUSTER
08N	14E	9	NW SE				04	STOCKWATER	(37) CUSTER
08N	14E	9	SW SE				04	STOCKWATER	(37) CUSTER
08N	14E	9	SE SE				04	STOCKWATER	(37) CUSTER
08N	14E	10	NW SW				04	STOCKWATER	(37) CUSTER

Total Acres: 85.2

+ - - Diversion Means - CHECK DAM TO EARTHEN DITCH WITH SMALL REGULATING POND.

MICROFILMED
JUN 17 1994

Excess Evaluation of : A71-02004D

A71-10772

5/17/94
by ADM

POOR ORIGINAL

A71-02014

A71-10762

On Sept. 8 1993 I met Bill Vanderbilt at the P/O and he explained the delivery system. I measured the water going into the ditch at that time even though the ditch was not full. It was also found that at the X-section where I measured the high water mark was about 0.3' higher than the water level at that time. (2.99 cfs on that day & 5.32 cfs est. with 0.3' higher) We then went around and I measured the ditch as it entered the irrigated land. (0.79 cfs) I later learned from Mrs. Vanderbilt that there may have been a problem with my measurement in that they discovered a beaver dam in the ditch below my first measurement which washed a portion of the ditch out so that water was spilling back to the creek and my calculation of ~~2.99~~ (2.99 - 0.79) is not representative of the normal ditch loss. During my visit with Mr. Vanderbilt we went over the lands irrigated and we discussed the possibility of filing another claim for excess flow beyond the 1/2 acre face license. He did not wish to do that at that time. At

MICROFILMED

OCT 27 1994

that time of the review of the Vanderbilt's place we had to go thru the USFS property and Mr. Vanderbilt indicated what ditches were used by them at the lower end of his place to irrigate their house pasture.

On 11/23/93 I met with the USFS (Veldon Hancock & Jay Dorr) at the 4th of July work center. We went over the claim the USFS had filed for irrigation of the house pasture. We went over the aerial photo and looked at what has historically been irrigated. This pasture is very rough and much of the area is covered with sage with little grass. Only those areas from photos that are covered with grass are being recommended. (11.7 acres).

In the winter early this year I started to write up the review for these claims. Since both involved more than 1 1/2 acres I contacted Mrs. Vanderbilt (Bill was off climbing a Mt. in S. America) and she talked to her irrigator how the lands were irrigated. (This is when she told me about the ~~lower~~ **MICROFILMED** **OCT 27 1994** ~~lower~~) I did the initial review for the Vanderbilt property and on 1/27/94 Mrs. Vanderbilt came into the office and decided to file an additional claim

(71-10762) to record the historical excess flow claim. I provided my calculations to the USFS and they filed another claim for their historical excess flow (71-10772).

Both properties are located on the bench between 4th of July CK & Fisher CK. Both properties are comprised of TP4 soil. Using the wild flooding analysis Both properties justify 6.58 cfs (Underbilt show 5.79 cfs & USFS 0.79 cfs). These figures were used to proportion the conveyance loss calculation using the Worstell method. Since the direct loss measurement had some problems with beaver it was estimated the "C" value to be 3.00 based on the gravelly nature of the soil & other "C" values measured in the valley. It was estimated the conveyance loss would be 1.15 cfs (0.74 to Underbilt & 0.41 cfs to USFS).

The following table summarizes the recommendations:

MICROFILMED
OCT 27 1984

#	Amt. Claimed. (cfs)	Justified IR	Ditch Loss	Ditch Limit	Recommendation
71-020050	0.50	0.79	0.41	5.32 cfs	0.50 *
71-10772	<u>0.41</u>	total 1.20			0.41 *
total	0.91				0.12 is conveyance
71-02014	2.90	5.79	0.74		2.90 For Invis. 2.83 *
71-10762	<u>2.80</u>	total 6.53			2.42 2.49 *
total	5.70				

* When combined shall not exceed capacity of ditch of 5.32 cfs

MICROFILMED
OCT 27 1964

CONVEYANCE LOSS - WORSTELL

AGENT -----ADM
 DATE -----27-Jan-94
 CONVEYANCE OR
 SOURCE NAME ----4TH OF JULY CK
 RELATED CLAIMS -VANDERBILT & USFS CLAIMS

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	4900	4.0	3.40	0.84	5.79	6.58	0.1279	0.74	7.73
2	3600	2.0	3.40	0.31	0.79	0.79	0.3915	0.41	1.10
3				0.00		-0.00	0.0000	0.00	0.00
4				0.00		-0.00	0.0000	0.00	0.00
5				0.00		-0.00	0.0000	0.00	0.00
6				0.00		-0.00	0.0000	0.00	0.00
7				0.00		-0.00	0.0000	0.00	0.00
8				0.00		-0.00	0.0000	0.00	0.00
9				0.00		-0.00	0.0000	0.00	0.00
10				0.00		-0.00	0.0000	0.00	0.00
11				0.00		-0.00	0.0000	0.00	0.00
12				0.00		-0.00	0.0000	0.00	0.00
13				0.00		-0.00	0.0000	0.00	0.00
14				0.00		-0.00	0.0000	0.00	0.00
15				0.00		-0.00	0.0000	0.00	0.00
16				0.00		-0.00	0.0000	0.00	0.00
17				0.00		-0.00	0.0000	0.00	0.00
18				0.00		-0.00	0.0000	0.00	0.00
19				0.00		-0.00	0.0000	0.00	0.00
20				0.00		-0.00	0.0000	0.00	0.00
TOTALS	8500			1.15	6.58			1.15	

REACH = SECTION OF CHANNEL
 LENGTH = LENGTH OF REACH, THE CHANNEL CAN BE DIVIDED INTO EQUAL LENGTH REACHES
 OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS
 AVE WIDTH = AVERAGE TOP WIDTH OF REACH
 SEEPAGE = SOIL SEEPAGE RATE OF REACH
 WORSTELL LOSS = CONVEYANCE LOSS IN REACH BASED ON WORSTELL METHOD
 DELIVERY = TOTAL DELIVERIES IN REACH
 DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)
 LOSS FACTOR = WORSTELL LOSS/DELIVERY LEFT
 DELIVERY LOSS = SUM(LOSS FACTORS OF CURRENT AND PREVIOUS REACHES) X DELIVERY,
 REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH

MICROFILMED
 OCT 27 1994

GRADED BORDER EVALUATION

Job name: VANDERBILT & USFS
By: ADM

Location: TP4 96.9AC 14DAY
Date: Jan 27, 1994

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0400 ft/ft Border width (W)= 168 ft
Net application (Fn)= 2.31 inches Border length (L)= 600 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
6.40	Gross depth is less than required	gross application depth				
6.41	Gross depth is less than required	gross application depth				
6.42	Gross depth is less than required	gross application depth				
6.43	Gross depth is less than required	gross application depth				
6.44	Gross depth is less than required	gross application depth				
6.45	Gross depth is less than required	gross application depth				
6.46	Gross depth is less than required	gross application depth				
6.47	Gross depth is less than required	gross application depth				
6.48	Gross depth is less than required	gross application depth				
6.49	Gross depth is less than required	gross application depth				
6.50	Gross depth is less than required	gross application depth				
6.51	Gross depth is less than required	gross application depth				
6.52	Gross depth is less than required	gross application depth				
6.53	Gross depth is less than required	gross application depth				
6.54	Gross depth is less than required	gross application depth				
6.55	Gross depth is less than required	gross application depth				
6.56	Gross depth is less than required	gross application depth				
6.57	Gross depth is less than required	gross application depth				
6.58	0.039	22.56	20.24	0.01	10.2	(2)
6.59	0.039	22.59	20.24	0.04	10.2	(2)
6.60	0.039	22.63	20.24	0.08	10.2	(2)

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

$$\text{Vanderbilt} \quad \frac{85.2}{96.9} \times 6.58 = 5.79 \text{ cfs}$$

$$\text{USFS} \quad \frac{11.7}{96.9} \times 6.58 = 0.79 \text{ cfs}$$

Vanderbilt indicated rotation is 10 days & USFS indicated 7-14 day rotation. Since $2.31/0.17 \approx 14$ days that is what is used in the analysis.

MICROFILMED
OCT 27 1994

SOIL CHARACTERISTICS initials: ADM date: 07/09/93

Soil Type = TP4...GRAVELLY 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	10	0.11	0.14	6.1	6.5	3	5	1	1.53		3	0.7	1 0.125
10	29	0.12	0.16	6.1	6.5			2	3.21				11 0.14
29	60	0.08	0.12	6.1	7.3			3	4.61				30 0.1
								4	5.81		alternate method		61 0
								5	7.01				61 0
											NA	NA	61 0
													61 0
													61 0
													61 0
													61 0

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point	MAD (inches)
alfalfa (hay or seed)	5	0.5	3.50
corn (field or silage)	4	0.5	2.91
grain (winter or spring)	4	0.5	2.91
pasture (or grass hay)	3	0.5	2.31
other (enter below)			

Intake Family

choose base number for intake family from table below based on texture
base number (#'s 1 through 7) = 5

6 6

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

Optimum rotation

$$\frac{2.31}{0.17} = 13.59 \text{ days}$$

MICROFILMED
OCT 27 1991

POOR ORIGINAL

POOR ORIGINAL

Tp4

Bgl

Wgl

Tn1

Tp4

Bgl

Rpl

Wgl

Bgl

GP1

Bgl

Bgl

T

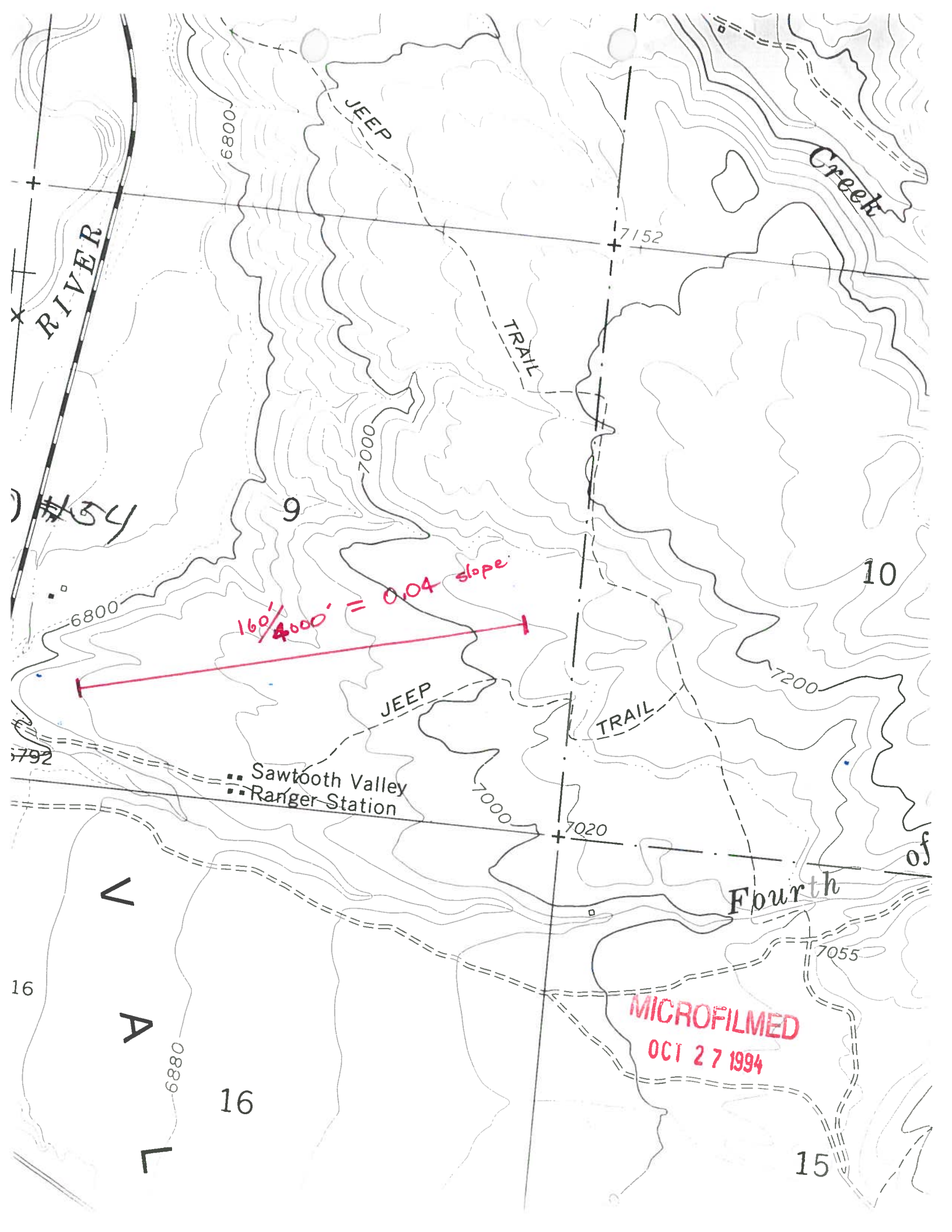
Wvl

MICROFILMED
OCT 27 1994

Est. CU and CIR.		Stanley		(Allen & Brockway, 1983)		mm/day and mm/season	
MO	NYRS	PREC	ETR	PAST.			
AVE ET	3	11	1.14	.35			
AVE IR	3	11	90.91				
STDD ET	3	11	.56	.57			
STDD IR	3	11	90.91				
SKW ET	3	11	.23	-.00			
SKW IR	3	11	90.91				
AVE ET	4	11	.99	2.89			
AVE IR	4	11	100.00				
STDD ET	4	11	.78	.47			
STDD IR	4	11	100.00				
SKW ET	4	11	1.21	-1.27			
SKW IR	4	11	100.00				
AVE ET	5	11	1.19	4.78	2.14		
AVE IR	5	11	81.82		1.61		
STDD ET	5	11	.80	.40	.18		
STDD IR	5	11	81.82		.52		
SKW ET	5	11	1.14	.43	.43		
SKW IR	5	11	81.82		.02		
AVE ET	6	13	1.46	6.45	4.97		
AVE IR	6	13	92.31		4.07		
STDD ET	6	13	.88	.49	.37		
STDD IR	6	13	92.31		.69		
SKW ET	6	13	.57	.44	.44		
SKW IR	6	13	92.31		-.07		
AVE ET	7	11	.79	6.32	4.86		
AVE IR	7	11	100.00		4.35		
STDD ET	7	11	.60	.20	.15		
STDD IR	7	11	100.00		.41		
SKW ET	7	11	.43	-1.10	-1.13		
SKW IR	7	11	100.00		-.16		
AVE ET	8	13	1.03	5.14	3.96		
AVE IR	8	13	100.00		3.34		
STDD ET	8	13	.78	.34	.27		
STDD IR	8	13	100.00		.66		
SKW ET	8	13	.51	.22	.22		
SKW IR	8	13	100.00		-.10		
AVE ET	9	13	1.11	3.76	2.89		
AVE IR	9	13	100.00		2.24		
STDD ET	9	13	.55	.53	.41		
STDD IR	9	13	100.00		.52		
SKW ET	9	13	.59	-.01	-.01		
SKW IR	9	13	100.00		.56		
AVE ET	10	11	1.28	2.40			
AVE IR	10	11	90.91				
STDD ET	10	11	.84	.32			
STDD IR	10	11	90.91				
SKW ET	10	11	.74	.04			
SKW IR	10	11	90.91				
AVE ET	4	220.2	970.	577.			
AVE IR	4	0.0	0.	477.			
STDD ET	4	45.6	26.	12.			
STDD IR	4	0.0	0.	41.			
SKW ET	4	-.53	1.16	.09			
SKW IR	4			1.57			

⇒ 0.17 in/day

Div. Volume 3.0 AC/Ann.
 C.U. 2.0 AC/Ann.
 Season
 5/1 - 9/30 150 days



RIVER

Creek

JEEP

TRAIL

JEEP

TRAIL

Sawtooth Valley
Ranger Station

MICROFILMED
OCT 27 1994

$160' / 4000' = 0.04 \text{ slope}$

16

16

15

10

V

A

L

Fourth

of



171-10772
020042

POOR OR

Found
Recomm...

Oct 3 1960

NAME OF STREAM OR DITCH 4TH OF JULY CK
 LOCATION ----- AT DIVERSION PLUS 0.3'
 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 ----- = 2
 FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

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

VANDERBILT
 ADM
 BILL VANDERBILT

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT TIME/SEC	2ND MEASUREMENT TIME/SEC	CALC WIDTH	AREA IN SQ FT	1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	DISCHARGE IN CFS
1.00		1.30	0.62	0.31	10	56.2	0.15	0.046	0.41		0.20	0.01
		1.70	0.74		20	36.0	0.35	0.217	0.41		0.41	0.09
		2.10	0.78		20	31.4	0.40	0.296	1.23		1.23	0.36
		2.50	0.78		30	32.6	0.40	0.312	1.41		1.41	0.44
		2.90	0.71		30	30.7	0.40	0.312	2.03		2.03	0.63
		3.30	0.67		30	40.8	0.40	0.284	2.15		2.15	0.61
		3.70	0.70		30	42.0	0.40	0.268	1.62		1.62	0.43
		4.10	0.72		30	33.9	0.40	0.280	1.58		1.58	0.44
		4.50	0.70		30	33.9	0.40	0.288	1.95		1.95	0.56
		4.90	0.66		30	41.1	0.40	0.280	1.61		1.61	0.45
		5.30	0.65		20	35.2	0.40	0.264	1.26		1.26	0.33
		5.70	0.60		20	42.6	0.40	0.260	1.04		1.04	0.27
		6.10	0.55		20	49.5	0.40	0.240	0.90		0.90	0.22
		6.50	0.52		10	30.7	0.40	0.220	0.86		0.86	0.19
		6.90	0.48		5	31.8	0.40	0.208	0.73		0.73	0.15
		7.70		0.24			0.60	0.288	0.36		0.36	0.10
END							0.40	0.096			0.18	0.02
												5.32

MICROFILMED
 OCT 27 1994

9/8/93

NAME OF STREAM OR DITCH 4TH OF JULY CK
LOCATION ----- AT DIVERSION
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 ----- = 2
FOLLOWING THE LAST ENTRY IN:
"DISTANCE FROM INIT PT" ENTRY MUST = "END"

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

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 REVS	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
1.00		1.00	0.32	0.16	10	56.2		0.15	0.024	0.41		0.20	0.00
1.30		1.30	0.44		20	36.0		0.35	0.112	0.41		0.41	0.05
1.70		1.70	0.44		20	31.4		0.40	0.176	1.23		1.23	0.22
2.10		2.10	0.48		20	31.4		0.40	0.192	1.41		1.41	0.27
2.50		2.50	0.48		30	32.6		0.40	0.192	2.03		2.03	0.39
2.90		2.90	0.41		30	30.7		0.40	0.164	2.15		2.15	0.35
3.30		3.30	0.37		30	40.8		0.40	0.148	1.62		1.62	0.24
3.70		3.70	0.40		30	42.0		0.40	0.160	1.58		1.58	0.25
4.10		4.10	0.42		30	33.9		0.40	0.168	1.95		1.95	0.33
4.50		4.50	0.40		30	41.1		0.40	0.160	1.61		1.61	0.26
4.90		4.90	0.36		20	35.2		0.40	0.144	1.26		1.26	0.18
5.30		5.30	0.35		20	42.6		0.40	0.140	1.04		1.04	0.15
5.70		5.70	0.30		20	49.5		0.40	0.120	0.90		0.90	0.11
6.10		6.10	0.25		20	52.2		0.40	0.100	0.86		0.86	0.09
6.50		6.50	0.22		10	30.7		0.40	0.088	0.73		0.73	0.06
6.90		6.90	0.18		5	31.8		0.60	0.108	0.36		0.36	0.04
7.70		7.70		0.09				0.40	0.036			0.18	0.01
END													2.99

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OCT 27 1994

NAME OF STREAM OR DITCH 4TH OF JULY CK
 LOCATION ----- ABOVE SPLIT
 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 ----- =

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

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
						1ST TIME/SEC	2ND TIME/SEC			1ST VELOCITY	2ND VELOCITY	MEAN VELOCITY	
1.00			0.44		5	57.0		0.15	0.033	0.21		0.11	0.00
1.30			0.50		7	51.8		0.35	0.154	0.23		0.21	0.03
1.70			0.50		10	43.3		0.40	0.200	0.31		0.31	0.06
2.10			0.50		10	43.3		0.40	0.200	0.52		0.52	0.10
2.50			0.50		10	35.4		0.40	0.200	0.64		0.64	0.13
2.90			0.51		10	34.2		0.40	0.204	0.66		0.66	0.13
3.30			0.54		10	46.9		0.40	0.216	0.48		0.48	0.10
3.70			0.55		10	48.5		0.40	0.220	0.47		0.47	0.10
4.10			0.50		5	43.2		0.40	0.200	0.27		0.27	0.05
4.50			0.41		5	36.4		0.45	0.185	0.32		0.32	0.06
5.00				0.21				0.25	0.051			0.16	0.01
END													0.79

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 OCT 27 1994

9/8 **FOUR ORIGINAL** AA with
Vendor 6:14
For use of July

<u>Dist.</u>	<u>Depth</u>	<u>Rev.</u>	<u>Time</u>
1.0	Edge of water	10	36.2
3	.32	10	56.2
1.7	.44	20	36.0
2.1	.48	20	31.4
2.5	.48	30	32.6
2.9	.41	30	30.7
3.3	.37	30	40.8
3.7	.40	30	42.0
4.1	.42	30	33.9
4.5	.40	30	41.1
4.9	.36	20	35.2
5.3	.35	20	42.6
5.7	.30	20	49.5
6.1	.25	20	52.2
6.5	.22	10	30.7
6.9	.18	5	31.8
Edge 7.7	(High water + .30)		

Under-silt
zone split

TOUR ORIGINAL

1.0	Edge of water			
<u>Dist.</u>	<u>Depth</u>	<u>Reu</u>	<u>Time</u>	
1.3	.44	5	57.0	
1.7	.50	7	51.8	
2.1	.50	10	43.3	
2.5	.50	10	35.4	
2.9	.51	10	34.2	
3.3	.54	10	46.9	
3.7	.55	10	48.5	
4.1	.50	5	43.2	
4.5	.41	5	36.4	
6.0	5.0			
8.0				
10.0				
12.0				
14.0				
16.0				
18.0				
20.0				
22.0				
24.0				
26.0				
28.0				
30.0				
32.0				
34.0				
36.0				
38.0				
40.0				
42.0				
44.0				
46.0				
48.0				
50.0				

0.5 + water 1.0 4.5 1.0

POOR ORIGINAL

9/8/93

P/D



Ditch entering
Vanderbilt's



Ditch eastern
edge of
Vanderbilt's
looking north

MICROFILMED
OCT 27 1994

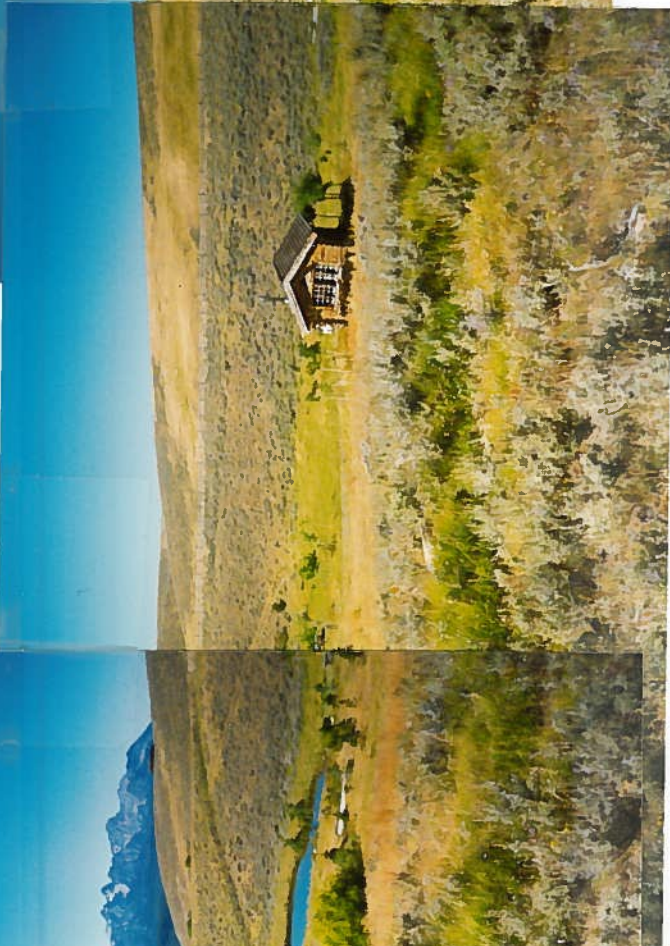
POOR ORIGINAL

9/8/93

Vanderbilt's property

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UCL 27 1994



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			Y	2			
SOURCE				Y	2,4			
PLACE OF USE	Y			Y				
DIV. AMOUNT CFS/VOLUME	Y			Y				
CONSUMPTIVE USE	-			Y				
PURPOSES	Y			Y				
PERIOD OF USE	Y			Y	Standard			
BASIS OF CLAIM								
REMARKS								

VERIFIED BY CODES

- TOPO MAP/ORTHO-PH = 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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OCT 27 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A71-02014

06:16:00
05/27/92

LAST: VANDERBILT
ADDRESS: P.O. BOX 3637
CITY: KETCHUM
PHONE NUMBER: 208-726-5339

FIRST: WILLIAM H.
STATE: ID ZIP: 83340

OWNER CODE: C

LAST: VANDERBILT
ADDRESS: P.O. BOX 3637
CITY: KETCHUM
PHONE NUMBER: 208-726-5339

FIRST: ANN S.
STATE: ID ZIP: 83340

OWNER CODE: C

FIELD EXAM REQUIRED?

DATABASE FIELD
N EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

MICROFILMED
OCT 27 1994

CONTACT PERSON: _____

PHONE NUMBER: (____) _____

DATE OF FIELD EXAM: 9/8/93

APPOINTMENT MADE: Y(____) N(____)

TIME: ____:____ A(____) P(____)

ACCOMPANIED BY: _____

Bill Vanderbift

PHONE NUMBER: (____) _____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

Met @ P/D

measured H₂O but d/tel not at capacity.

Not all cores irrigated as licensed.

MICROFILMED
OCT 27 1994

A. AJ CLAIM: # A71-02014 PRIORITY DATE: 04-08-1916 STAGE: L

B. WR RECORD: # 71-02014 PRIORITY DATE: 04-08-1916 STAGE: L

C. FIELD EXAM REQUIRED? FIELD EXAMINER

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE N

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y() N()

REMARKS:

Recommended as licensed.

RECOMMENDED PRIORITY DATE:
04-08-1916

REVIEWED BY

DATE

ADW

5/17/94

MICROFILMED
OCT 27 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A71-02014	08N	14E	15	NE	NW	NE		CUSTER

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

WR RECORDS IN SAME 40 ACRE TRACT
NONE

SOURCE: FOURTH OF JULY CREEK

TRIB: SALMON RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
71-02014	08N	14E	15		NW	NE		CUSTER

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

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	

REMARKS:

P/D is very close to section line but by using series photo I located P/D is SE corner Sec 10 instead of Sec 15 where licensed & aligned.

003

MICROFILMED

OCT 27 1991

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

1/4 LOT

COUNTY

08N 14E 10

SE

SW

SE

Cook

SOURCE: FOURTH OF JULY CREEK

TRIB: SALMON RIVER

REVIEWED BY:

DATE:

ADN

5/17/94

MICROFILMED
OCT 27 1994

A. ROOT WATER RIGHT NUMBERS: A71-02014
B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM. ACRES
08N	14E	9	NE	SE		VANDERBILT, WILLIAM H. HUMPHREYS, FRED	A71-02014 / 734.0 A71-00034C / 5.0	71-02014 / 734.0	26.0	31.4
08N	14E	9	NW	SE		VANDERBILT, WILLIAM H. HUMPHREYS, FRED	A71-02014 / 737.0 A71-00034C / 20.0	71-02014 / 737.0	27.0	22.5
08N	14E	9	SW	SE		VANDERBILT, WILLIAM H. HUMPHREYS, FRED US DEPT OF AGRICULTURE	A71-02014 / 740.0 A71-00034C / 15.0	71-02014 / 740.0 71-07066 /	13.0	20.7
08N	14E	9	SE	SE		VANDERBILT, WILLIAM H. HUMPHREYS, FRED	A71-02014 / 734.0 A71-00034C / 20.0	71-02014 / 734.0	6.0	9.3
TOTAL ACRES						A71-02014	145.00	145.00	72.00	85.2

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

See 10 NW SW 1.1 1.1 85.2

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE Y FIELD EXAMINER

POU COUNTY: CUSTER

PRESUMPTION FLAG:

REMARKS:

See Attached Map

CPS

RECOMMENDATIONS:

TOTAL ACRES:

85.2

REVIEWED BY:

AP

DATE:

5/17/94

MICROFILMED
27-1994

A. AJ CLAIMED USES:

PURPOSES
A71-02014 IRRIGATION
A71-02014 STOCKWATER

MONTH/DAY
FROM 05-01 TO 11-01
FROM 06-01 TO 11-01

DIVERSION QUANTITY
2.830 CFS
.070 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

2.900 CFS

B. WR RECORDED USES:

PURPOSES
71-02014 IRRIGATION
71-02014 DOMESTIC

MONTH/DAY
FROM TO
FROM TO

DIVERSION QUANTITY
2.900 CFS
2.900 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

2.900 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

Explain in remarks, below.

REMARKS:

Irrig. Standard 5/1 to 9/30

Recomm stockwater season as claimed.

Since season falls outside of irrig. season and ditches
loss such that 0.02 conflict flow down ditches then
add NO1 & NO2 conditions.

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

AJ TOTAL CLAIMED DIVERSION RATE: 2.900 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 2.900 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) Y

FIELD DATABASE EXAMINER

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OCT 27 1994

B. MEASUREMENT METHOD *AA Meter*

FLOW MEASUREMENT

See Attached meas. sheets.

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

OTHER RIGHTS LISTED IN CLAIM: ~~NONE~~ *Filed 71-10762 for excess flow*

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A71-02014	FOURTH OF JULY CREEK	VANDERBILT, WILLIAM H.	2.900	0.020		
A71-00024C	FOURTH OF JULY CREEK	HUMPHREYS, FRED	1.500	0.020		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

A71-02004D
A71-10772
A71-10762

0.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

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

1b. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE?

Y (X) N ()

See Attached sheets
& evaluation

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 362.5 AE/A

ACRES 85.2 $\times$ CONSUMPTIVE VOL. AE/A FOR AREA 2.0 =

TOTAL CONSUMPTIVE USE 170.4 AE/A total combined limit with

71-10762

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AE/A

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

TOTAL DIVERSION VOLUME _____ AE/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y () N () ✓

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

At time of exam there were not any cattle present but
2nd is fenced and if 2 species operation is set up for cattle
operation. 200 cattle as claimed yields 0.07 cfs from chart
2nd seems reasonable.

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OCT 27 1994

RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

DATABASE EXAMINER

DATABASE EXAMINER

DATABASE EXAMINER

Juris.
Stoelc

5/1 *9/30*
6/1 *11/1*

2.83
0.07

2.90

TOTAL FOR THIS RIGHT

REVIEWED BY:

DATE:

Ad

5/17/94

*** MICROFILMED**
OCT 27 1994

limit with 7-10762
170.4 AF
de minimus

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FORFEIT/ABANDON
ADDITIONAL DIV. AMOUNT

ACCEPTED
AS CLAIMED
()
()
()

()
()
()

NEEDS
REVIEW
()
()
()

See evaluation sheets

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 71-02014
TOTAL DIVERSION RATE OF WR SPLITS
SPLITS:

DATABASE
2.900

EXAMINER

CFS

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

A71-02014

2.900

-

71-02014

2.900

TOTAL CFS

2.900

2.900

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:

AUTHENTICATION:

SIGNATURE:

NAME OF FIELD EXAMINER:

DATE:

TITLE:

MICROFILMED
OCT 27 1994

P.O. BOX 3637
KETCHUM ID 83340
(208) 726-5339

04/08/1916

03

FLA
000000000

2.2

Tributary to: SALMON RIVER

00

之四

NEW Lt AC L

NE3W Lt Ac Lt Ac Lt

RECEIVED
Lt AC
34

	SUM
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02	145.0
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04	145.0
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97	145.0
98	145.0
99	145.0

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POB County: CUSTER

Other Rights: NONE

Notes:	Exam Made Date:
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Verified Date: 02/11/1985

Field Inspection Flag: Presumption Flag:

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MICROFILM
OCT 27 1954
252-5 AFM