

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: A41-00008F
Date Received: 4/ 4/1990
Receipt No: S011789
Received By: See

AMENDED

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

AMENDED

1. Name: 7 U D RANCHES 208-548-2261
Address: PO BOX 177
ROCKLAND ID 83271

2. Date of Priority: OCT 1, 1879

3. Source: ROCK CREEK, SOUTH FORK Trib. to: ROCK CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
10S	31E	33		NE	NW		POWER

5. Description of diverting works:
DIVERSION DAM & HEADGATE, VIA ADSHEAD DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.410		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
10S	31E	28	SW	NW		IRR	5.0
			NE	SW		IRR	10.0
			NW	SW		IRR	40.0
			SW	SW		IRR	6.0
			SE	SW		IRR	12.0

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
						Section Acres	73.0
		29	NE	SE		IRR	21.0
			NW	SE		IRR	18.2
						Section Acres	39.2
						Total Acres	112.2

11. Place of use in counties: POWER

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

13. Other Water Rights Used:
A41-10265

14. Remarks:
THIS CLAIM IS FOR A COMBINATION OF THE WATER RIGHTS:
41-00008B FOR 0.61 CFS (PART)
41-00008C FOR 0.80 CFS

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: 6/ 6/1903

HOUTZ
Decree Plaintiff

ET AL.
Decree Defendant

vs

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 Organizations:

I do solemnly swear or affirm that I am Partner of
Title
740 Ranches, that I have signed the foregoing
Organization
document in the space below as Partner of
Title
740 Ranches and that the statements contained in the
Organization
foregoing document are true and correct.

Gene Nelson
Signature of Authorized Agent

740 Ranches
Title and Organization

10-20-99
Date

State of Idaho)
County of Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 20th day
of October 19 99

Steve Bell
Notary Public

Seal

Residing at Twin Falls ID
My Commission Expires 12/7/2000

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: A41-00008F
Date Received: 4/04/1990
Receipt No: S011789
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: 7 UD RANCHES
Address: ROCKLAND, ID 83271 208-548-2261
2. Date of Priority: OCT 01, 1879
3. Source: ROCK CREEK, SOUTH FORK Trib. to: ROCK CREEK
4. Point of Diversion:
- | Township | Range | Section | 1/4 of | 1/4 of | 1/4 of | Lot | County |
|----------|-------|---------|--------|--------|--------|-----|--------|
| 10S | 31E | 33 | NE | NW | | | POWER |
5. Description of diverting works:
DIVERSION DAM & HEADGATE, VIA ADSHEAD DITCH
6. Water is used for the following purposes:
- | Purpose | From | To | C.F.S. | (or) | A.F.A. |
|------------|-------|-------|--------|------|--------|
| IRRIGATION | 04/01 | 11/01 | 1.410 | | |
7. Total Quantity Appropriated is:
1.410 C.F.S. (and/or) A.F.A.
8. Total consumptive use is 268.0 Acre Feet Per Annum.
9. Non-irrigation uses:
10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
10S	31E	28	NE	SW		IRR	10.0
			NW	SW		IRR	40.0
			SW	SW		IRR	6.0
			SE	SW		IRR	12.0
						Section Acres	68.0

A41-00008F

Page 1

Date: 04/04/90

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MAR 04 1993

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
10S	31E	29	NE	SE		IRR	21.0
			NW	SE		IRR	18.2
						Section Acres	39.2
						Total Acres	107.2

11. Place of use in counties: POWER

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

13. Other Water Rights Used:
NONE

14. Remarks:

THIS CLAIM IS FOR A COMBINATION OF THE WATER RIGHTS:
41-00008B FOR 0.61 CFS (PART)
41-00008C FOR 0.80 CFS

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: 6/06/1903

HOUTZ

Decree Plaintiff

vs

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: _____

For Organizations:

I do solemnly swear or affirm that I am _____ of
_____, Title
_____, that I have signed the foregoing
Organization
document in the space below as _____ of
_____ Title
_____ and that the statements contained in the
Organization
foregoing document are true and correct.

Signature of Authorized Agent

Title and Organization

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 _____

B-DAVID TAYSON
C-WM AdsheadIN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLSIN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEMCIVIL CASE NUMBER: 39576
Ident. Number A41-00008F
Date Received
Receipt Number 5011789 5-2

RECEIVED

RECEIVED

MAR 15 1990

Department of Water Resources
Southern Region Office

NOTICE OF CLAIM

MAR 29 1990

TO A

Department of Water Resources
Southern Region Office

WATER RIGHT

ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) TUD Ranches Phone () 548-2261
Mailing Address Rock Land Idaho Zip 83271
2. Date of Priority (Only one (1) per claim) October 1, 1879
3. Source of water supply (a) South Fork of Rock Creek via Adshead Ditch
which is tributary to (b) Snake River
4. a. Location of existing point of diversion is: Township 10 South Range 31 EBM Section 33,
NE 1/4 of NW 1/4 of _____ 1/4, Govt. Lot, _____ B.M., County of Power

Additional points of diversion if any: _____

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. DIVERSION DAM & HEADGATE

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MAR 04 1993

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For irrigation purposes from April 1 to Nov 1 amount 1.41 cfs or 268

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 1.41 (cfs) and/or (b) 268 (acre feet)

8. Total consumptive use claimed is 268 acre feet per annum.

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

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	
10S	31E	28									10	40	6	12					68
10S	31E	29													21	18.2			39.2

Total number of acres irrigated 107.2

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

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 ()

14. Remarks:

Last Name _____ Ident No. _____

Copies: White -State, Yellow -Chairman

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MAR 9 1993

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License _____ Permit _____
Decree X
If applicable provide IDWR Water Right Number _____
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 _____

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

Signature of Claimant (s) _____ Date _____
_____ Date _____

For Organizations: I do solemnly swear or affirm that I am PARTNER
of 7UD Ranches A partnership , that I have signed the foregoing
document in the space below as PARTNER of 7UD Ranches Partnership
and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent [Signature]
Title and Organization Partner 7UD Ranches Date 3-28-90

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

Subscribed and sworn (or affirmed) before me this 28th day of MARCH 19 90

SEAL

Notary Public [Signature]

Residing at Am. Falls, Idaho

My Commission Expires 11/5/91

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 _____ Ident. Number _____

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Copies White-State, Yellow-Blank 1993

RECEIVED

MAR 29 1990

Department of Water Resources
Southern Region Office

March 8, 1990

RECEIVED

MAR 15 1990

Department of V
Southern Region

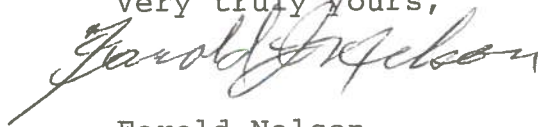
Idaho Dept. of Water Resources
2148 4th Ave. East
Twin Falls, ID 83301

Re: 7 UD Ranches (41-0008 D & C)

Dear Sir:

Enclosed is a claim that I am filing on behalf of 7 UD Ranches. This claim properly claims the David Taysom and William Adshead arbitration water rights (41-0008) (B & C) in the name of 7 UD Ranches, a partnership, who are the successors in interest of the David Taysom and Adshead rights. You have previously filed a claim on behalf of Spillettt as 41-008 B&C when they properly should be filed as 41-008A. Please correct the Spillettt filing and advise.

Very truly yours,



Farold Nelson

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MAR 04 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

MAR 23 1990

R. KEITH HIGGINSON
Director

RECEIVED

MAR 29 1990

Department of Water Resources
Southern Region Office

7 UD RANCHES

P.O. Box 177

Rockland, ID 83271

RE: SRBA Claim

Dear Claimant:

Please find enclosed your claim and your check # 356 for \$ 157.00 which you submitted to our office. I am returning these pursuant to Rule 10,4 of the Department's Adjudications Rules and Regulations. In checking your claim it appears that the following items need clarification:

- ☐ Item #2 Priority
- ☐ Item #4 Point of Diversion Legal Description
- ☐ Item #6 Uses descriptions
- ☐ Item #9 Description of Non-irrigation Uses
- ☐ Item #10 Place of Use Legal Description
- ☒ Item #16 Signature & Notorization
- ☐ Improper fee (THE CORRECT FEE IS \$ _____)
- ☒ Other or Remarks

SIGNATURE MUST MATCH CLAIMANT NAMED IN ITEM #1.

IF 7UD RANCHES IS THE CLAIMANT PLEASE COMPLETE THE ORGANIZATION SIGNATURE BLOCK AT THE X'S SHOWN.

~~If you wish to continue to press your claim please find enclosed instructions and another claim form to use.~~ If you will make the necessary corrections and return your claim with the correct fee and a copy of this letter within 30 DAYS of the date of this letter, your filing will be considered timely and will not be assessed an additional \$50.00 late fee.

Sincerely,


Allen Merritt, P.E.
Water Rights Supervisor

ADM:adm
Enclosures:

SCC

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MAR 04 1993

Water Dist #41

South Fork

Page 1

All Dates 1800

file: H2ORIGHTS SFORK

report: DECREE NUMBER

DECEDEE NUMB	DECEDED OWNER	PRESENT OWNER	DELIVERY DITCH	INCHES	PRIORITY	DAT	COMMENTS
1-001	H.P. HOUTZ	CHARLES, IVAN	PRIVATE PUMP	70	Apr	1 80	
1-001	H.P. HOUTZ	UDY BROS.	PRIVATE PUMP	20	Apr	1 80	
1-001	H.P. HOUTZ	CHARLES, IVAN	MEADOW PUMP	45	Apr	1 80	TILL JUNE 15
1-001	H.P. HOUTZ	NELSON, CLIFFORD		35	Apr	1 80	TILL JUNE 15
1-003	ANDREW ALLEN	7UD RANCHES	TAYSOM MEADOW	85	May	14 80	EXCEPT JULY AND AUG.
1-003	ANDREW ALLEN	7UD RANCHES	LANDING	15	May	14 80	EXCEPT JULY AND AUG.
1-004 A	S.N. MORRIS	BLAINE MITCHELL	LANDING	20 50"	May	17 80	EXCEPT JULY&AUG. TRANS.3059
1-004 C	S.N. MORRIS	STAN GROOM	LANDING DITCH	64 100"	May	17 80	TRANS.3509
1-005	JOSEPH BROWN	WESTON, ROSCOE	WESTON MEADOW	30	Apr	10 80	EXCEPT JULY AND AUG.
1-005-0050	JOSEPH BROWN	ROSCOE WESTON	BROWN-PARKER	47	May	6 83	
1-006	JOSEPH BROWN	ROSCOE WESTON		ALL			
1-007	WILLIAM FURGESS	BOB SPILLET	BROWN-PARKER	30	May	6 83	
1-008 B	CHARLES TAYSOM	SPILLET, JUAN	ADSHEAD	26.67	Oct	1 79	
1-008 D	CHARLES TAYSOM,	WESTON, ROSCOE	ADSHEAD	26.67	Oct	1 79	
1-008 E	CHARLES TAYSOM	SPILETT, RAY	ADSHEAD	17.77	Oct	1 79	
1-008	CHARLES TAYSOM	TAYSOM, ORPIN	ADSHEAD	8.89	Oct	1 89	
1-008	DAVID TAYSOM	TAYSOM, ORRIN	ADSHEAD	9.44	Oct	1 89	
1-008	DAVID TAYSOM	7UD RANCHES	ADSHEAD	30.56	Oct	1 79	
1-008	WILLIAM ADSHEAD	7UD RANCHES	ADSHEAD	40	Oct	1 79	
1-009 B	HYRUM FRODSHAM	MUIR, DANA	PRIVATE PUMP	25	May	17 80	
1-009	HYRUM FRODSHAM	7UD RANCHES	LANDING	15	May	17 80	
1-010	JAMES HARTLEY	JOHN HAYES		30	Apr	1 84	
1-011	JOHN HARTLEY	JOHN HAYES		22	Apr	1 84	
1-012	HYRUM HARTLEY	UDY BROS.		48	May	8 84	EXCEPT JULY&AUG
1-012	HYRUM HARTLEY	UDY BROS.		18	May	8 84	JULY& AUG
1-013 C	BRADLY JACKSON	RAY SPILLET	JACKSON	10	May	1 81	
1-013 A	BRADLY JACKSON	ROSCOE WESTON	JACKSON	10	May	1 81	
1-013 B	BRADLY JACKSON	ORRIN SPILLET	JACKSON	10	May	1 81	
1-014	E.T. OLNEY	RON KRESS	POND	20	Apr	1 89	
1-015	JAMES MONSON	UDY BROS.		ALL	May	1 83	
1-015	JOHN MANTIWITCH	JOHN HAYES		ALL	May	1 83	WEST OF HIGHWAY
1-015	V.I. STEWART	ROSCOE KRESS	POND	ALL	May	1 83	
1-016	JOSEPH FERKINS	UDY BROS.		15	Apr	1 86	BOOK 1 JUDGEMENTS P.64POWER CO.
1-017	I.L. STEWART	JOHN HAYES	RES.	ALL	Apr	1 86	
1-044-49	S.C. HATCH	MITCHELL, BLAINE	PRIVATE PUMP	40	May	17 80	TRANS 2953
1-045	GEORGE McDONALD			40	May	1 85	

why different dates
41-00050

MICROFILM

MAR 04 1993

	Adj.	Flag Translation:	Standard Water Right Number	Old (D) Number -
--	------	-------------------	-----------------------------	------------------

*** C - CURRENT OWNER ***
7 U D RANCHES

DAVID

State- ID Zip- 83271

1 -
2 -
3 -
City-
Phone -
State- zip-

+ -	- Priority Date	- +
+	-	- Region
17	-	- Stage
+	-	- Status
10/01/1879	-	-
+	-	-

```

+ - - - - Source - - - - - +
      ROCK CREEK, SOUTH FORK
+ - - - - Tributary - - - - - +
      ROCK CREEK

```

Town	Rng	Sec	Tract	Lot	RFlg	County	Point of Diversion
------	-----	-----	-------	-----	------	--------	--------------------

105	31E	33	NE NW	(77)	POWER
+	-	-	-	-	-
	Code		Description	Period From	Water Use Period To
				Diversion Rate	Diversion Volume
	01	-	IRRIGATION		0.800

+ - Total Div. Rate -	+	-	Total Div. Volume -	+	+	-	Total Div. Capacity -
							0.800

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Description	County
10S	31E	28	NW SW			01	IRRIGATION	(77) POWER
		29	NE SE					(77) POWER

Total Acres:

+ - - Diversion Means -

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use -

Remarks
P/U NOT GIVEN IN DECREE BUT VERIFIED BY WATERMASTER. RT. IS FOR 0.8 CFS AT ALL TIMES, BUT 3.2 CFS IS USED 1/4 THE TIME

MICROFILM
MAR 04 1993

Adj. flag translation: Standard Water Right Number

		Water Rights Dates and Flags Area			
Proof Due Date	- 00/00/0000	Field Exam Made	- 00/00/0000	Field Exam Fee	-
Approved/Denied	- 00/00/0000	Protested Date	- 00/00/0000	Swan Falls	-
Proof Made Date	- 00/00/0000	Hearing Date	- 00/00/0000	Temporary Right	- p
Start Work Date	- 00/00/0000	Verified Date	- 00/00/0000	DLE/Carey Act	-
Order Show Cause	- 00/00/0000	Receipt Number	-	Water District	- 41
Licensed Date	- 00/00/0000	Appl Received	- 00/00/0000	Transfer/Amended	-
Decree Date	- 06/06/1903				

MICROFILM
MAR 04 1993

Adj. Flag Translation:	Standard Water Right Number	Old (D) Number -

*** C - CURRENT OWNER ***
7 U D RANCHES

WILLIAM

+ - - - - Source - - - -
ROCK CREEK, SOUTH FORK

10S	31E	33	NE NW	(77)	POWER
-----	-----	----	-------	------	-------

01 - IRRIGATION

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Description	County
-----	-----	-----	-------	-----	-------	--------------	-------------	--------

10S	31E	28	NE SW	01	IRRIGATION
			SE SW		
		29	NW SE		

Total Acres:

+ - - Diversion Means -

+ - - Non-Irrigation Use - -

+ - - Other Rights for Same Use -

MICROFILM
MAR 04 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. E, Twin Falls, Idaho 83301

(208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

Apr. 6, 1990

Re: A41-00008F

7 UD RANCHES

ROCKLAND ID 83271

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 your claim(s), please contact this office.

Yours truly,

Judy Givens
Adjudication Secretary

/jg

Enclosures:

MICROFILM

MAR 04 1993

Cavaness & Boomer

BEN CAVANESS
HENRY R. (Hank) BOOMER

ATTORNEYS-AT-LAW
P.O. Box 70 — 376 Roosevelt
American Falls, Idaho 83211

Telephone
(208) 226-2562

April 27, 1990

JA
Allen

Idaho Department of Water Resources
ATTENTION: LOREN HOLMES
2148 4th Avenue East
Twin Falls, ID 83303

RECEIVED

APR 30 1990

RE: Jackson Ditch Permit A41-00008S

Department of Water Resources
Southern Region Office

Dear Loren:

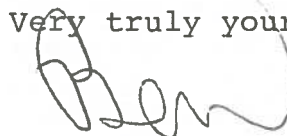
Mr. Farold Nelson at 7UD Ranches has conferred with me relative to the maximum acre foot per annum limitation that was placed upon the above water right of 7UD Ranches. Mr. Nelson indicates that would only be 95 days of continuous flow and that they use the water longer than that on the hay and pasture ground.

I would appreciate it if you would review that claim and get back with me as to whether or not that acre foot per year limitation is correct and what steps it would take to modify it if it is not.

Also, Mr. Nelson advises me that an extra \$50.00 has been paid on the water right that he has in the U.S. Ditch. It is my understanding that he filed on the water in the ditch, and that the ditch company also filed on the same right and same land. I would appreciate it if you check that also.

If you find that you need to get ahold of Mr. Nelson directly, his phone number is 548-2261 at Rockland.

Very truly yours,



Ben Cavaness

BC/s
c: Farold Nelson

MICROFILM

APR 14 1993

SD-42 PREFIX: A BASIN 11 STARTING WATER RIGHT: 0039 STATE

WATER RIGHT NO.	NAME LAST, FIRST	W N	PRIORITY DATE	STG/ STS	SOURCE	USE CODE	DESC
A41-00039	UNITED STATES DITCH CO	C	05/01/1880	D/	ROCK CREEK	01	IRR
A41-00040	NELSON 7 U D RANCHES,	C	05/15/1884	D/	ROCK CREEK	01	IRR
A41-00040B	NELSON, MELVIN	C	05/15/1884	D/	ROCK CREEK	01	IRR
A41-00041A	ROPER, EVELYN	C	05/20/1884	D/	ROCK CREEK	01	IRR
A41-00041B	KILDEW, JOHN	C	05/20/1884	D/	ROCK CREEK	01	IRR
	KILDEW, JACQUELINE	C					
A41-00046	UNITED STATES DITCH CO	C	06/01/1881	D/	ROCK CREEK	01	IRR
A41-00046A	HUNTER, LYNN	C	06/01/1881	D/	ROCK CREEK	01	IRR
A41-00046B	NELSON 7 UD,	C	06/01/1881	J/	ROCK CREEK	01	IRR
					SPLIT RIGHT		
A41-00048	NELSON, MELVIN	C	06/01/1885	D/	ROCK CREEK, EAST	01	IRR
A41-00049	MITCHELL, BLAINE	C	05/17/1880	D/	ROCK CREEK, SOUT	01	IRR
	MITCHELL, SHIRLEY	C					
A41-00050	WESTON, R. SCOTT	C	05/06/1883	D/	ROCK CREEK, SOUT	01	IRR
	WESTON, HERBERT R.	C					
A41-00051	OSBORN, MELVIN	C	04/02/1910	D/	LITTLE WARM CREE	01	IRR

(ENTER=CONTINUE)

(GOLD 7=THIS QUERY)

(MENU _____)

MICROFILMED
MAR 04 1993

WATER RIGHT NUMBER: A41-00008F
2. PRIORITY DATE: 10/ 1/1879

3. SOURCE:

TRIB:

4. POINT OF DIVERSION::

TWP	RANGE	SECT	1/4	1/4	1/4	LOT	POD FLAG	COUNTY CODE	COUNTY NAME
-----	-------	------	-----	-----	-----	-----	-------------	----------------	----------------

5. DESCRIPTION OF DIVERTING WORKS:
DIVERSION DAM & HEADGATE, VIA ADSHEAD DITCH

USE CODE	DESCRIPTION	FROM /	TO /	CFS (AND/OR) AFA
----------	-------------	-----------	---------	------------------

7. TOTAL DIVERSION RATE: 1.410

8. TOTAL DIVERSION VOLUME: 268.0

9. CONSUMPTIVE USE: KILOWATTS:

(ENTER=EXIT) (GOLD8=CANCEL)



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

May 10, 1990

R. KEITH HIGGINSON
Director

CAVANESS & BOOMER
ATTENTION: BEN CAVANESS
P.O. Box 70
American Falls, ID 83211

RE: Adjudication Claim A41-00008F

Dear Mr. Ben Cavaness,

Pursuant to your request to review the above claim submitted by 7UD Ranches, the claim is correct as shown. The figure you are referring to is the Total Consumptive Use. This does not place a restriction on the application rate of water, it is the average annual rate of water consumed by the crop for that area. The rate for the place of use given in this claim is 2.5 Acre Feet per Annum. The amount calculated for this claim is $2.5 \times 107.2 = 268.0$ Total Consumptive Use.

You requested I check on the U.S. Ditch filings that Mr. Nelson submitted. It does appear that he filed the Adjudication Claim A41-00046B, a split portion of the original U.S. Ditch water right. This claim is a valid claim according to our records and it is duplicated by the claim filed by the U.S. Ditch Co. under A41-00046. Mr. Nelson may consider submitting the Relinquishment Notice (Form 25c) that is enclosed and the Request For Refund (Form 25b) for the Adjudication Claim A41-00046B. A Proof Report of that claim is attached for your information.

If you have any further questions please contact our office.

Sincerely,

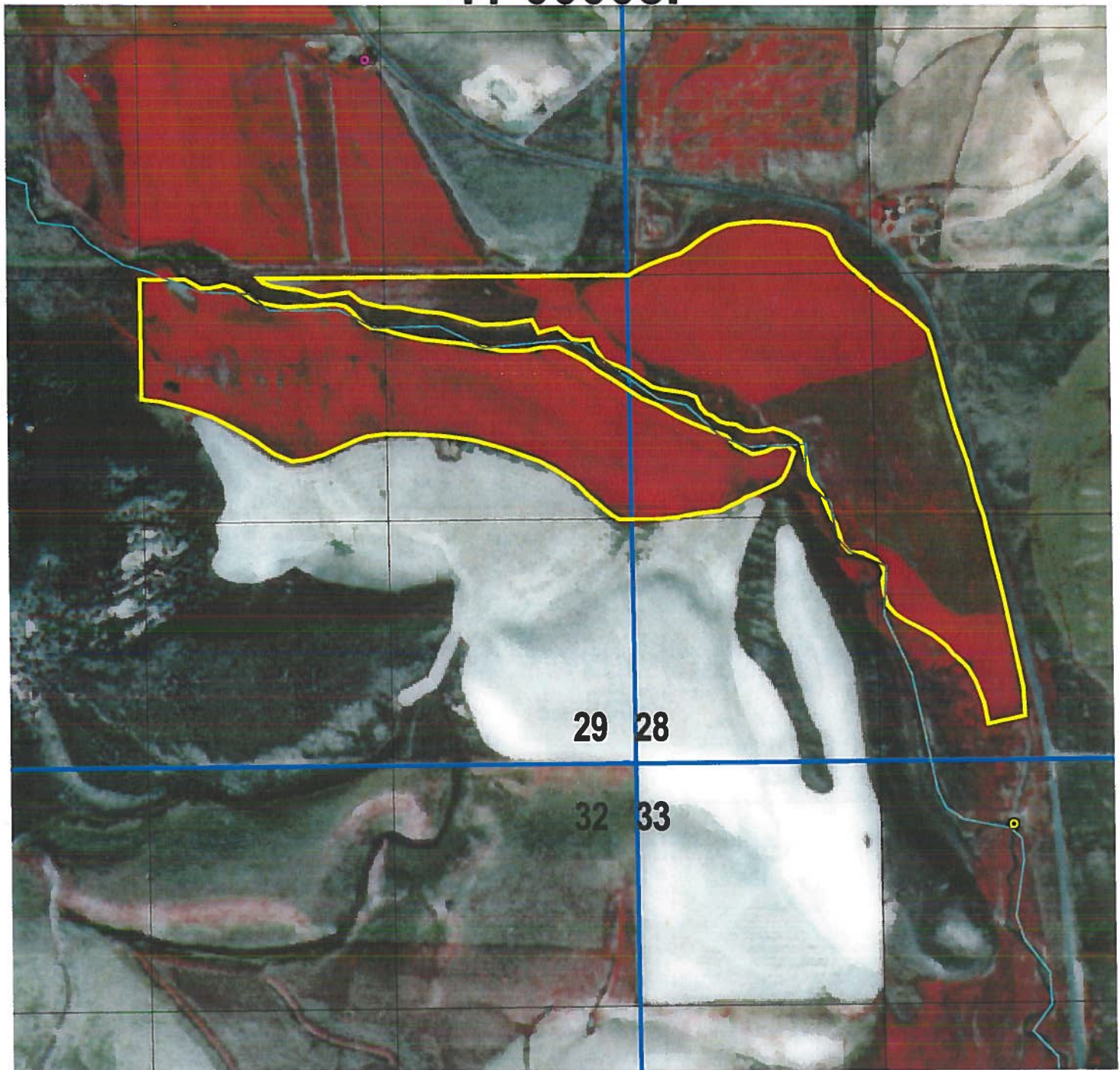

Steve Clelland
Water Resource Agent

SC:sc
ENC:

MICROFILM
MAR 04 1991

IDAHO DEPT OF WATER RESOURCES

41-00008F



660 0 660 1320 Feet

- RECOMMENDED PLACE OF USE
- POINT OF DIVERSION
- SECTION LINES
- 1/4 - 1/4 LINES

T10S, R31E, SEC. 28 & 29

GIS PLACE OF USE PRESENTATION
1987 &/OR 1988 NAPP PHOTOGRAPHY
REVISED

DATA ENTRY BY: STEVE CLELLAND
DATE: October 28, 1999

DATE: 10/20/99
PAGE: 1

Stage: DECREED

POWER County

NE

TOTAL ACRES

June 11, 1999

NOTICE OF ERROR
REPLY

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: July 9, 1999

Water right number: 41-00008F

7 U D RANCHES

ROCKLAND ID 83271

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):

Urigate 107 + Addition Acres infilled SW NW section:

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: 6-30-99

SIGNATURE: Gene Nelson

Please print your name: Gene Nelson

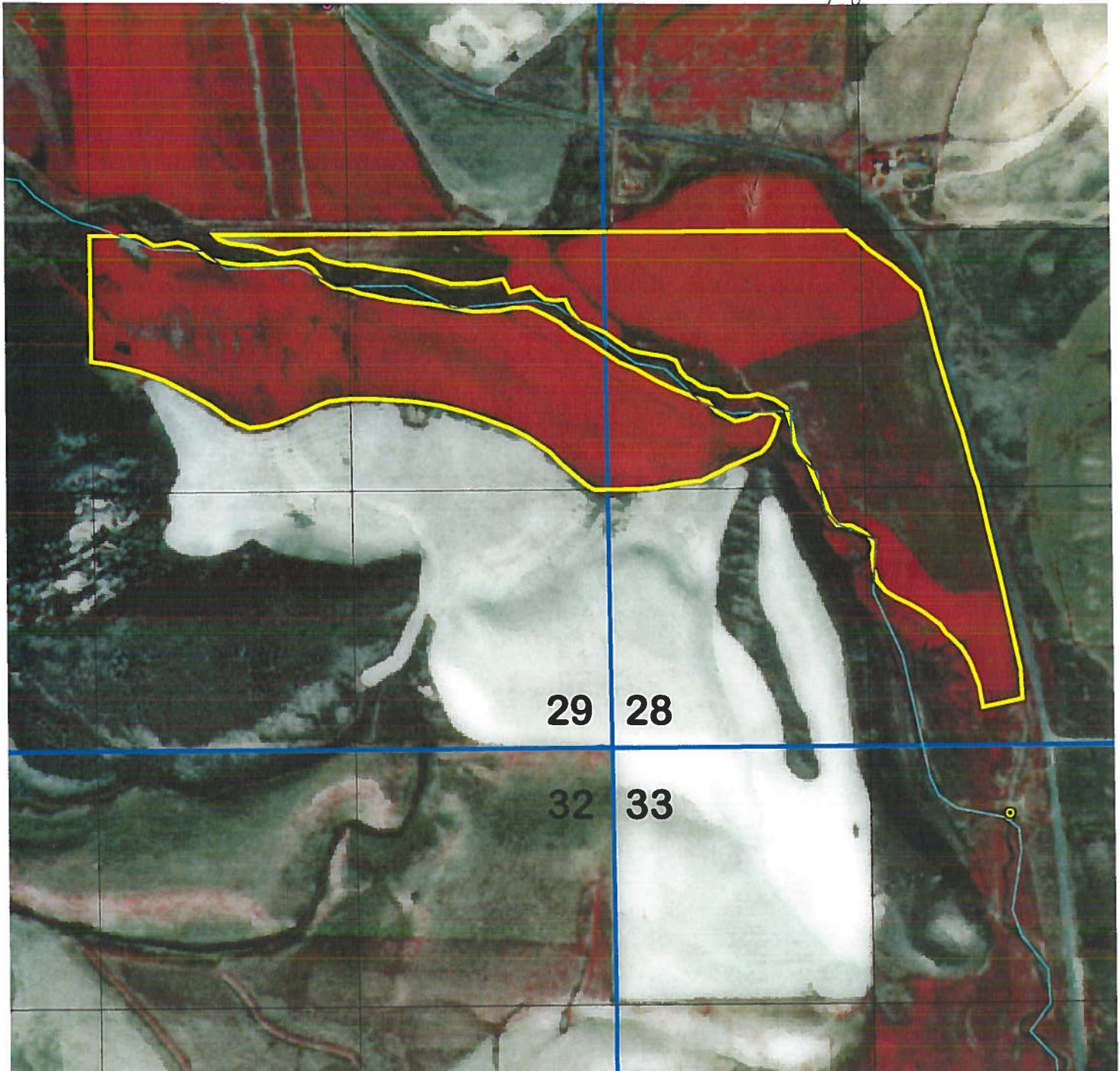
IDWR Southern Regional Office, 1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380, (208) 736-3033

*10/20/99 met w/ GENE & Dick Nelson
see amended claim + 5 acres and filed High Water claim
AA1-10265.
Resolves all NOE.*

IDAHO DEPT OF WATER RESOURCES

41-00008F

also irrigated SWNW



660 0 660 1320 Feet

- RECOMMENDED PLACE OF USE
- POINT OF DIVERSION
- SECTION LINES
- 1/4 - 1/4 LINES

*Revised
GIS
10/20/99
SCC*

T10S R31E SEC. 28 & 29

GIS PLACE OF USE PRESENTATION
1987 &/OR 1988 NAPP PHOTOGRAPHY

DATA ENTRY BY: STEVE CLELLAND
DATE: June 10, 1999

AJ0749NP
No. R41-00008F

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT
(REGIONAL)

DATE: 06/10/99
PAGE: 1

VERIFIED BY SC

OWNER
CODE NAME & ADDRESS

PRIORITY
DATE

WATER USE

USE PERIOD
FROM TO

DIVERSION
RATE

DIVERSION
VOLUME

C 7 U D RANCHES
ROCKLAND ID 83271
(208) 548-2261

10/01/1879 IRRIGATION

04-01 10-31

1.41 CFS

TOTAL DIVERSION: 1.41 CFS

Water Source: ROCK CREEK, SOUTH FORK

Tributary to: ROCK CREEK

Stage: DECREED

Point(s) of Diversion:

T10S R31E S33

NENENW

POWER County

Place of use Legal Description for: IRRIGATION

	NE	NW	SW	SE	SUM
T R S : Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac Lt Ac					
10S 31E 28 :			11	35	01
10S 31E 29 :					12
					26
					22
TOTAL ACRES					187.0

POU County: POWER

Other Rights: NONE

Remarks: POU1

~~THIS RIGHT IS LIMITED TO THE IRRIGATION OF 70.5 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.~~

Dates: Exam Made Date: 07/21/1994

Verified Date:

06/10/1999

Objection Filed Date:

Misc: Water District Number: 41

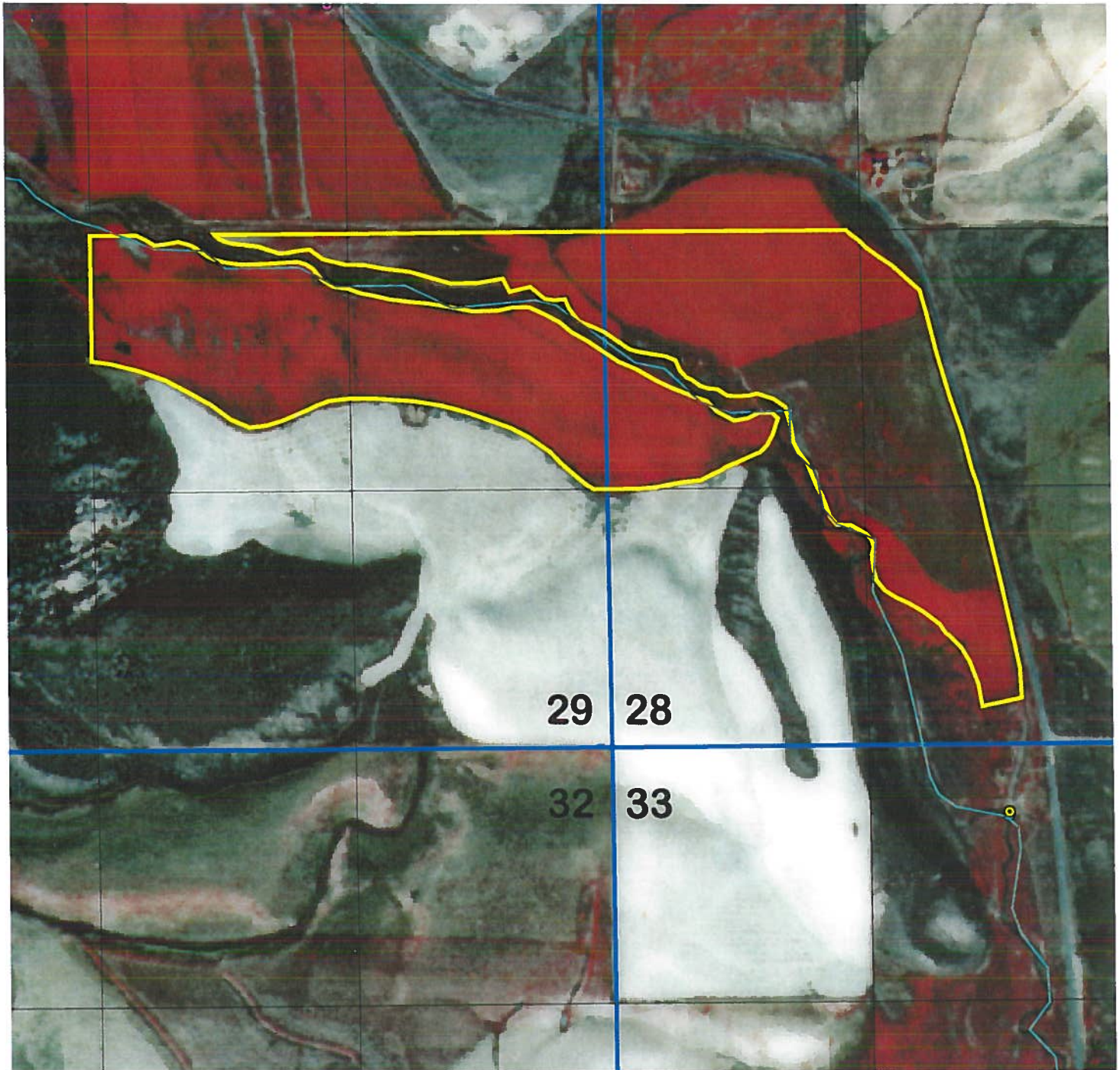
Field Inspection Flag: D
Presumption Flag:

Filed H.W. claim
A41-10265

Revised
Rec'd
10/20/99
SCC

IDAHO DEPT OF WATER RESOURCES

41-00008F



660 0 660 1320 Feet

T10S R31E SEC. 28 & 29



GIS PLACE OF USE PRESENTATION
1987 &/OR 1988 NAPP PHOTOGRAPHY

DATA ENTRY BY: STEVE CLELLAND
DATE: June 10, 1999

- RECOMMENDED PLACE OF USE
- POINT OF DIVERSION
- SECTION LINES
- 1/4 - 1/4 LINES

CLAIM NUMBERS

A41-00008F

DATE

4/29/99

AGENT

JF

TRANSFER NUMBER

HOMESTEAD ENTRY NO.

CLAIMED ACRE TOTAL

107.2

GEOGRAPHIC INFO ACRES

108

	TNS	RNG	SEC	NE				NW				SW				SE			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	105	31E	28									10	40	6	12				
GIS												11	35	1	12				
RECOM												11	35	1	12				
CLAIM			29													21	182		39.2
GIS																26	23		49
RECOM																26	22		48
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B41-POU.SHP

Claim Pou appears to have missed acres in S28 NW1/4
claim 1.41 cts (70.5") Deceased duty 1st/Ac.

SHAPE NOS.

147 (NW) = 60Ac * allow 70.5 Ac within 107 Ac PDU
90 (SW) = 48Ac no explanation for enlargement of irrigated acres.

B41-POD.SHP

NOS. DESCRIPTION

46

Adshad Ditch: T10S, R31E, S33, NEENENW

DBF TABLES UPDATED

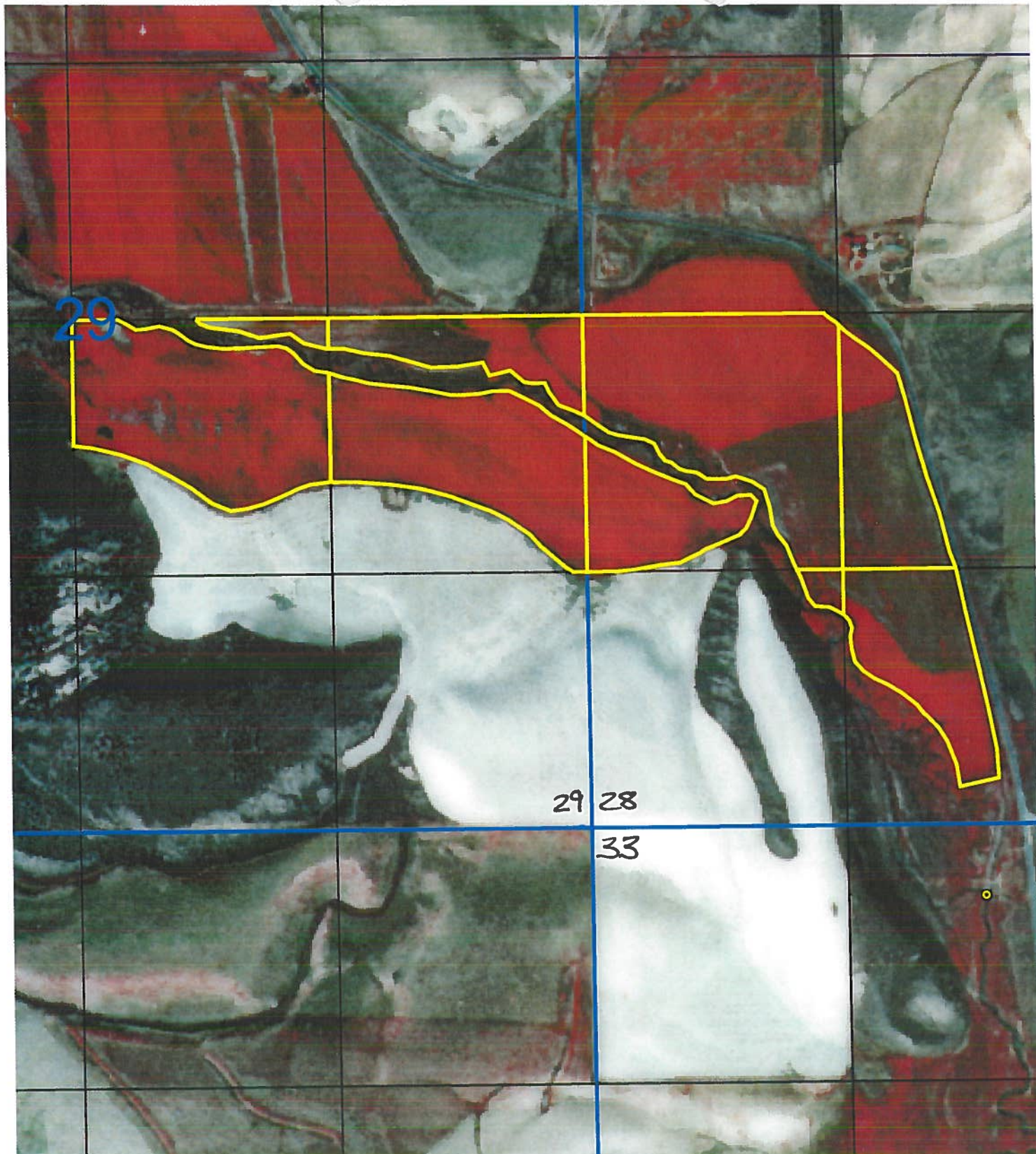
B41-DBPOU.DBF

B41-DBPOD.DBF

JPEG LAYOUT

PRELIMINARY DATA

Revised 6/10/99



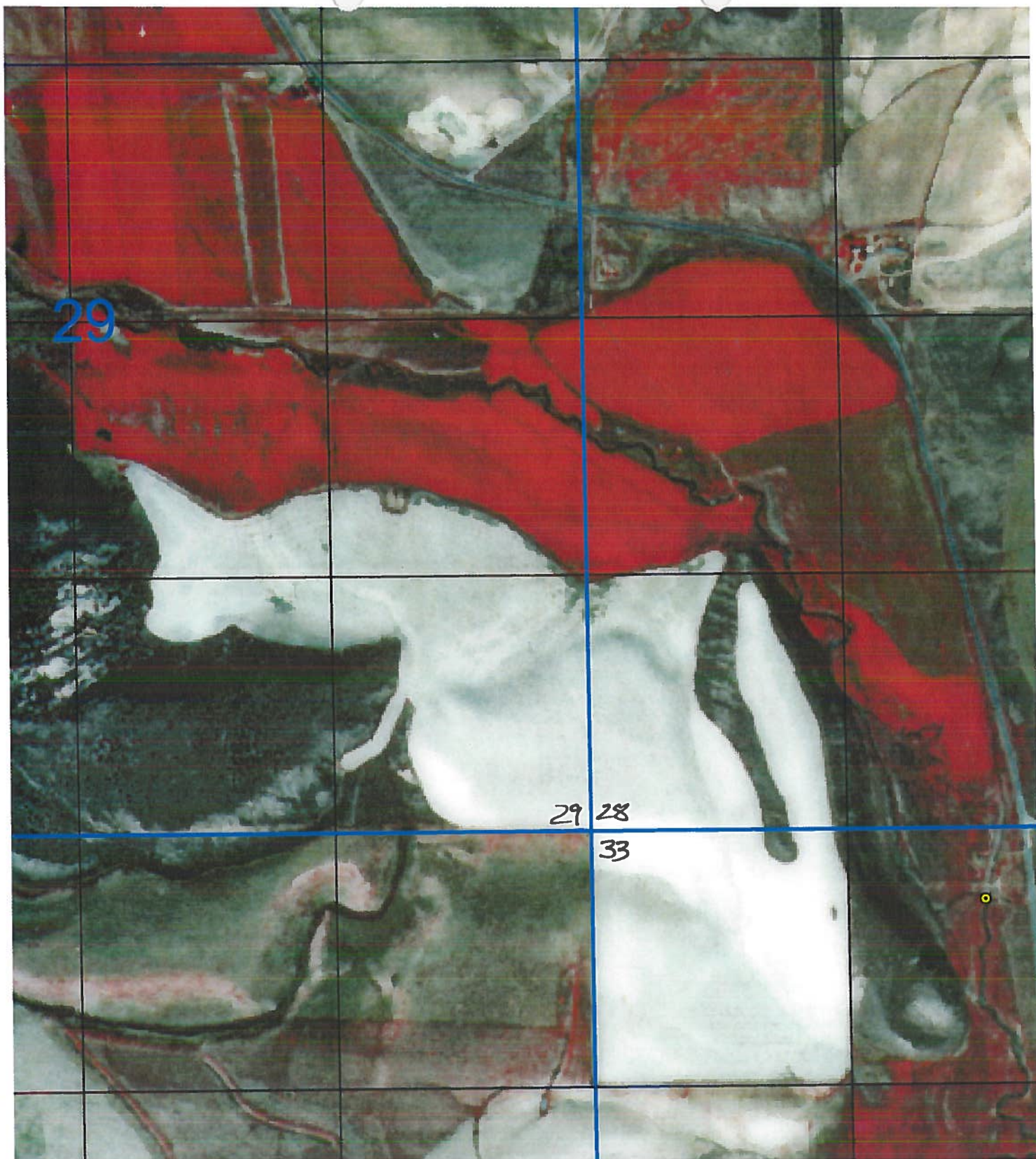
1320 0 1320 2640 Feet

- Property of Interest
- Point(s) of Diversion
- Section Lines
- Quarter/Quarter Lines

A41-00008F
Field Copy

T10S R31E





1320

0

1320

2640 Feet

- Property of Interest
- Point(s) of Diversion
- Section Lines
- Quarter/Quarter Lines

A41-00008F
Field Copy

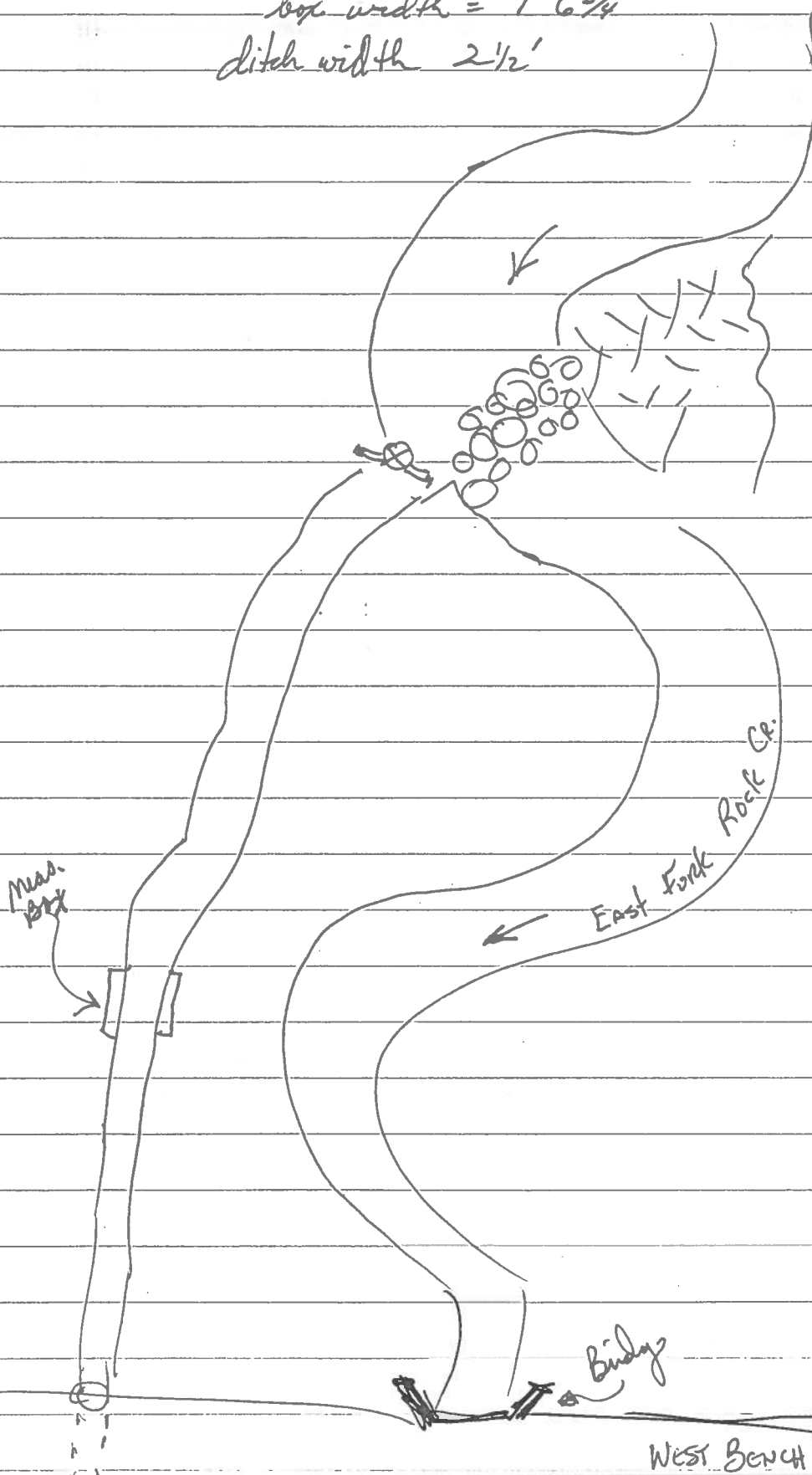
T10S R31E



7-21-94

TYLER DITCH

box width = $1'6\frac{3}{4}"$
ditch width $2\frac{1}{2}'$





State of Idaho

DEPARTMENT OF WATER RESOURCES

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

~~KEGLED ANDRWS~~

Governor PHILIP E. BATT

R. KEITH HIGGINSON

Director

February 10, 1995

Dear Wateruser:

In response to the Bench Ditch Irrigation Company's letter to IDWR dated January 25, 1995, this letter is being sent to all waterusers of record in the Basin 41 Water District.

As you may know, the arbitration for delivery of water that has operated in the Rockland valley for over 100 years has been very effective in allowing the delivery of water rights by the local watermaster. The box method described in the arbitration has worked to divide the waters fairly, but recent studies of the boxes have determined the actual flow rates that have been delivered for years are different than the rates listed in the arbitration. This is largely due to the fact that the box method, as applied in the valley, is not a standard measuring device.

It is IDWR's position that:

Rights recommended in the ongoing Snake River Basin Adjudication, will be based on the historical beneficial use and historical diversion rate represented by use of the box method.

Conversion to an approved, standard measuring device is encouraged but should not result in a increase in the amount of water diverted. IDWR requests, before any old diversion structure is removed or destroyed, to view and measure the historical diversion rate as delivered by the box described in the arbitration.

Any change in measuring devices or structures that results in an increase of diversion rates above the historical beneficial use will result in injury to junior right holders within the Rock Creek system.

We look forward to working with all waterusers in the district. SRBA examinations will resume in the spring of 1995 and IDWR will measure and evaluate all of the structures diverting from Rock Creek and the East Fork of Rock Creek. If you have questions please contact me at my office in Twin Falls.

Sincerely,

STEVE CLELLAND
Water Resource Agent

AA1-0000 8F

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			7-21-91 SW					
POINT OF DIV	Y							
SOURCE	Y							
PLACE OF USE	Y							
DIV. AMOUNT CFS/VOLUME	Y							
CONSUMPTIVE USE	-							
PURPOSES								
PERIOD OF USE	Y							
BASIS OF CLAIM	Y							
REMARKS	Y							

"VERIFIED BY" CODES

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

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

Water Right Number - A41-00008F

Prefix Translation: ADJUDICATION CLAIM

Old (D) Number -

+ - - - - Last Name - - - - +

+ - First Name - - +

+ - - - - Address - - - - +

*** C - CURRENT OWNER ***
7 U D RANCHES1 -
2 -
3 -

City- ROCKLAND

Phone - 208-548-2261

State- ID Zip- 83271

+ - - Priority Date - - +
10/01/1879+ - - - - Region - - - +
17 SOUTHERN+ - - - - Stage - - - +
D - DECREED

+ - - - - Status - - - +

+ - - - - Source - - - - +
ROCK CREEK, SOUTH FORK+ - - - - Tributary - - - - +
ROCK CREEK

+ - - - - Rng Sec Tract Lot Rflg County

Point of Diversion

Stream Index (Blank if no Index Code)

10S 31E 33 NE NW

(77) POWER

+ - - - - Code Description

Period From Period To

Water Use - - - - -
Diversion Rate Diversion Volume

01 - IRRIGATION

04/01

11/01

1.410

+ - - Total Div. Rate - + + - - Total Div. Volume - + + - - Total Div. Capacity - + + - - Total Consumptive Use - + + - - KW Usage - +
1.410 268.0

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
10S	31E	28	NE SW		10.0	01	IRRIGATION	(77)) POWER	
10S	31E	28	NW SW		40.0	01	IRRIGATION	(77)) POWER	
10S	31E	28	SW SW		6.0	01	IRRIGATION	(77)) POWER	
10S	31E	28	SE SW		12.0	01	IRRIGATION	(77)) POWER	
10S	31E	29	NE SE		21.0	01	IRRIGATION	(77)) POWER	
10S	31E	29	NW SE		18.2	01	IRRIGATION	(77)) POWER	

Total Acres: 107.2

+ - - Diversion Means - DIVERSION DAM & HEADGATE, VIA ADSHEAD DITCH

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

+ - - - - Remarks - - - - -

THIS CLAIM IS FOR A COMBINATION OF THE WATER RIGHTS:
41-000088 FOR 0.61 CFS (PART)
41-00008C FOR 0.80 CFS

Water right number - A41-00008F

Prefix Translation: ADJUDICATION CLAIM

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

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

A4100008B
A4100008C+ - - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.+ - - - - - Decree Plaintiff - - - + + - - - - - Decree Defendant - - - + +
HOUTZ ET AL. 06/06/1903

+ - - Audit Fields - 04/05/90 CLELLAND 04/02/91 BAUMHOFF

+ - - - - - Comments - - - - - +
No Comments Found

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	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	- 04/04/1990	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	- 41
Licensed Date	- 00/00/0000	Receipt Number	- S011789	Federal/State Indicator	- S
Claims Tape Error Flag	-	POU Ownership Flag	- Y	Presumption Flag	- D
Fee Exempt Flag	-	Name Connector	-		

LAST: 7 U D RANCHES FIRST:
ADDRESS: ROCKLAND STATE: ID ZIP: 83271
CITY: ROCKLAND
PHONE NUMBER: 208-548-2261

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE
Y

FIELD
EXAMINER

CLAIM REMARKS: THIS CLAIM IS FOR A COMBINATION OF THE WATER RIGHTS:
41-00008B FOR 0.61 CFS (PART)
41-00008C FOR 0.80 CFS

FIELD EXAMINATION INFORMATION

CONTACT PERSON: _____

PHONE NUMBER: () - -

DATE OF FIELD EXAM: _/ _/ _

APPOINTMENT MADE: Y() N()

TIME: _ : _ A() P()

ACCOMPANIED BY: _____

PHONE NUMBER: () - -

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
					NE	NW		POWER
A41-00008F	10S	31E	33					

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX	R PREFIX	
A41-00008C	NONE	
A41-00008A		41-00008A
A41-00008E		41-00008B
A41-00008D		41-00008C
A41-00013A		

MR RECORDS IN SAME 40 ACRE TRACT

SOURCE: ROCK CREEK, SOUTH FORK

TRIB: ROCK CREEK

B. MR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
41-00008A	10S	31E	33		NE	NW		POWER
41-00008B	10S	31E	33		NE	NW		POWER
41-00008C	10S	31E	33		NE	NW		POWER

OTHER MR RECORDS WITH SAME MR POD

	AJ CLAIMS IN SAME 40 ACRE TRACT
41-00008B	A PREFIX
41-00008C	R PREFIX
41-00008A	NONE

SOURCE: ROCK CREEK, SOUTH FORK
ROCK CREEK, SOUTH FORK
ROCK CREEK, SOUTH FORK

TRIB: ROCK CREEK
ROCK CREEK
ROCK CREEK

SOURCE: NO SOURCE FOR RECORD

TRIB: NO TRIBUTARY FOR RECORD

C. FIELD EXAM REQUIRED?

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

A. ROOT WATER RIGHT NUMBERS:

A41-00008B
A41-00008C

A41-00008E

A41-00008D

A41-00008F

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
10S	31E	28	NE	SW		7 U D RANCHES	A41-00008F /10.0	- /			28.0
			NE	SW		NELSON, FAROLD J.	A41-07030 / 8.0	- /			
			NE	SW		7 U D RANCHES		41-00008C /			
			NE	SW		NELSON, RONALD R.		L41-07030 / 8.0			
10S	31E	28	NW	SW		7 U D RANCHES	A41-00008F /40.0	- /			39.0
			NW	SW		7 U D RANCHES		41-00008B /			
10S	31E	28	SW	SW		7 U D RANCHES	A41-00008F / 6.0	- /			12.0
10S	31E	28	SE	SW		7 U D RANCHES	A41-00008F /12.0	- /			32.0
			SE	SW		NELSON, FAROLD J.	A41-07030 / 8.0	- /			
			SE	SW		7 U D RANCHES		41-00008C /			
			SE	SW		NELSON, RONALD R.		L41-07030 / 8.0			
10S	31E	29	NE	SE		7 U D RANCHES	A41-00008F /21.0	- /			36.0
			NE	SE		7 U D RANCHES		41-00008B /			
10S	31E	29	NW	SE		7 U D RANCHES	A41-00008F /18.2	- /			33.0
			NW	SE		7 U D RANCHES		41-00008C /			
TOTAL ACRES							A41-00008F		107.20		180.00

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

 DATABASE FIELD
 Y EXAMINER

PRESUMPTION FLAG: D

REMARKS:

RECOMMENDATIONS:

TOTAL ACRES:

REVIEWED BY:

DATE:

01
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00

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

AJ TOTAL CLAIMED DIVERSION RATE: 1.410 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 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. FLOW MEASUREMENT

MEASUREMENT METHOD , SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: NONE

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A41-00008F	ROCK CREEK, SOUTH FORK	7 U D RANCHES	1.410	0.013		
A41-07030	GROUNDWATER	NELSON , FAROLD J.	1.400	0.011	441.00	3.50

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES _____ x 0.02 CFS/ACRE = _____ 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 = 268.0 AF/A

ACRES _____ x CONSUMPTIVE VOL. AF/A FOR AREA _____ =

TOTAL CONSUMPTIVE USE _____ AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = _____ AF/A

ACRES _____ x DIVERSION VOL. AF/A FOR AREA _____ =

TOTAL DIVERSION VOLUME _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

REMARKS: (Include limitations on consumptive use for combined rights.)

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
	FROM	TO			
IRRIGATION	04-01	11-01	1.410	1.410	268.0
TOTAL FOR THIS RIGHT			1.410		268.0

REVIEWED BY: _____

DATE: _____

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: 41-00008

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
4.800

EXAMINER

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A41-00008B	0.800	-	-	41-00008B	0.800
-	A41-00008C	0.400	-	-	41-00008C	0.800
A41-00008	A41-00008E	0.720	-	-	-	-
A41-00008A	A41-00008D	0.533	-	-	41-00008A	1.600
A41-00008B	A41-00008F	1.410	-	-	41-00008B	0.800
A41-00008C	A41-00008F	1.410	-	-	41-00008C	0.800

TOTAL CFS

5.273

4.800

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
NFIELD
EXAMINER

REMARKS:

AUTHENTICATION:

SIGNATURE: _____

DATE: _____

NAME OF FIELD EXAMINER: _____

TITLE: _____

Farold Nelson (7D) - Seven U D

Location W $\frac{1}{2}$ S28 and SE $\frac{1}{4}$ S29, T10 - R31 E BM

Contains South Fork Rock Creek

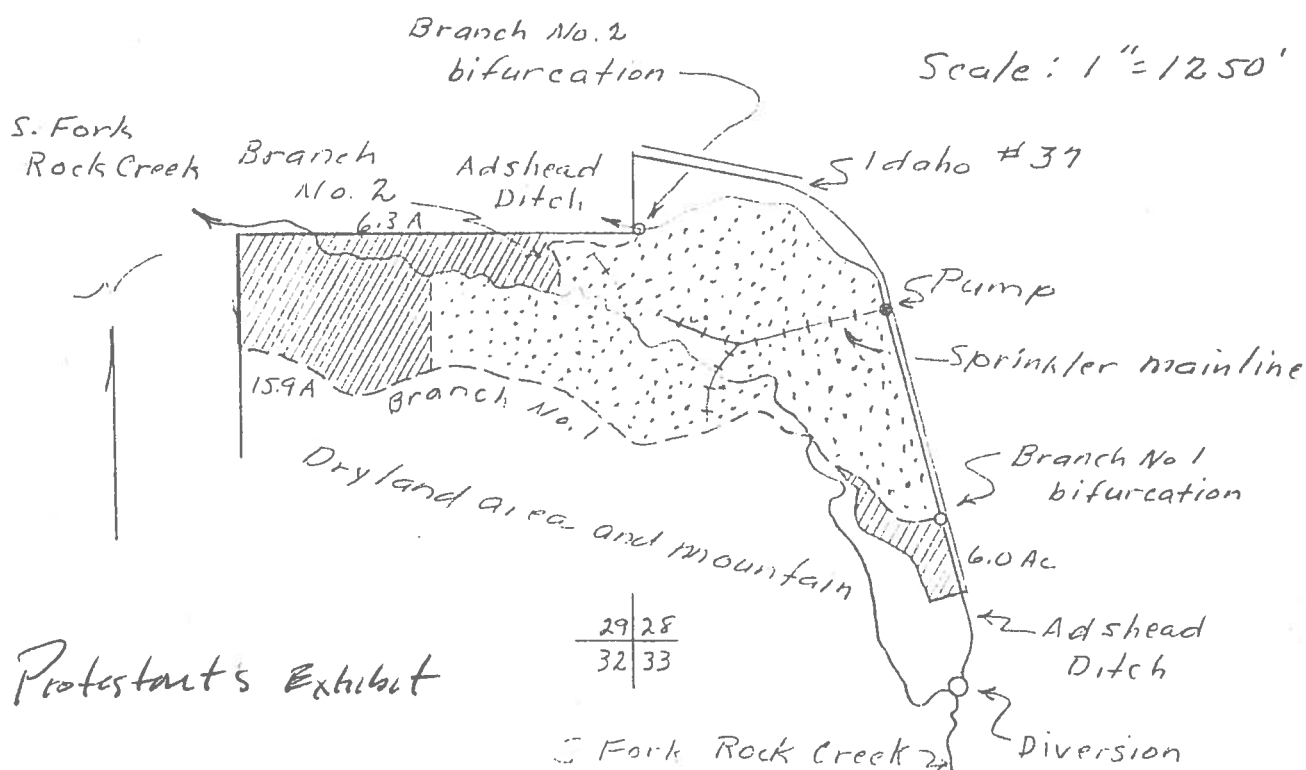
Soil: Zurichall SL - Power Co. Soil Survey pp66

Permeability: moderate in surface 15" 2.0 to 0.6 in/hr.
moderately slow below 15" (0.6 to 0.2) in/hr. use 0.6Ditch slope: from USGS 7 $\frac{1}{2}$ ' quad Rockland E.

Adshead: 0.00390

Branch No. 1 0.00291 and Branch No. 2

Sprinkled land  78.5 Ac.Flooded land  28.2 Ac.Ditch length: Adshead 4875 ft

$$\begin{array}{r} 20 \overline{) 21} \\ 29 \overline{) 28} \end{array}$$
 1250, 1375, 2250
 Branches No 1 and 2 6625 ft
 (6525' - 1000')

Given:

Nelson (2D) water right

Continuous = 1.4 cfs, 100% time, 12 days/12

Rotation #1 (Rota 1) = 3.2 cfs, 44% time, 5.25 days/12

Rotation #2 (Rota 2) = 2.6 cfs 54% time, 6.46 days/12

Pump discharge = 1.64 cfs (40 HP - 70% - 65 psi)

During Rota 1 $3.20 - 1.64 = 1.56$ cfs left for floodingDuring Rota 2 $2.60 - 1.64 = .96$ cfs left for flooding

Ditch x section - trapezoidal with 1:0.5 side

Adshead Ditch - 3-ft bottom; Branch 1+2 - 2-ft bottom

Flow resistance - Manning $n = 0.40$ (Chow CB5, DA4, pp 112)

Ditch discharge

Condition 1 - Irrigating Spr area plus West flood area

	<u>cfs</u>	<u>days</u>
L) A-Div to B1-bi (Adshead) - Rota 1 =	3.20	2.94
Rota 2 =	2.60	3.62

M) B1-bi to pump (Adshead) - Rota 1 =	1.64	2.94
Rota 2 =	1.64	3.62

N) B1-bi to West (Br #1) - Rota 1 =	1.56	2.94
Rota 2 =	.96	3.62

Condition 2 - Irrigating Spr area plus N+S flood area

W) A-Div to B1-bi (Adshead) - Rota 1 =	3.20	2.31
Rota 2 =	2.60	2.84

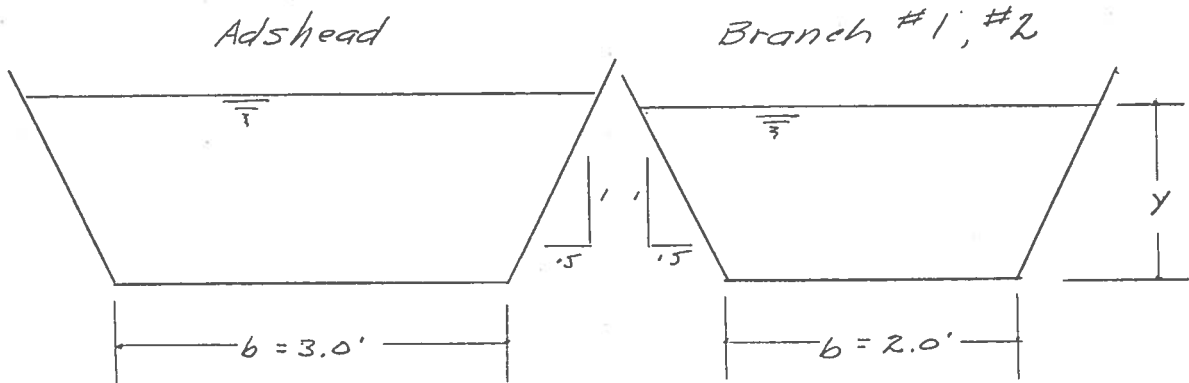
M) B1-bi to pump (Adshead) - Rota 1 =	2.42	2.31
Rota 2 =	2.12	2.84

Q) pump to B2-bi (Adshead) - Rota 1 =	.78	2.31
Rota 2 =	.48	2.84

T) B2-bi to North (Br #2) - Rota 1 =	.78	2.31
Rota 2 =	.48	2.84

Calculations:

Assume the following X-sections for:



Area $A = (3 + 1.5y)y$

$A = (2 + 1.5y)y$

Wetted Perimeter $P = 3 + 2y\sqrt{1.25}$

$P = 2 + 2y\sqrt{1.25}$

Hydraulic radius $R = \frac{A}{P}$

$$Q = \frac{1.49}{n} A R^{2/3} S^{1/2}$$

$S = \text{slope}$

Trial & error solution:

Assume y , solve for A, R, P

Seepage = $P \times \text{length of ditch} \times \text{permeability} \times \text{time}$

Compare seepage during Rota 1 with seepage during Rota 2 for all reaches of ditches

Calculations:

C = conditions - fields being irrigated (2)

L = reach from Adshead Div. to Branch 1 bifurcation

M = reach from Branch 1 bifurcation to pump

N = reach from Branch 1 bifurcation to West field

Q = reach from pump to Branch 2 bifurcation

T = reach from Branch 2 bifurcation to North field

R = rotation (1 = 44%; 2 = 54% of 12 days)

Adshead

Adshead

Br #1

Adshead

Br #2

		Y (ft)	P (ft)	Length of reach (ft)	Time (days)	Seepage loss (Ac-ft)	
C1	L R1	2.7	9.04	1250	2.94	.915	Adshead
	R2	2.4	8.37	1250	3.62	1.043	Adshead
	M R1	1.8	7.02	1375	2.94	.782	Adshead
	R2	1.8	7.02	1375	3.62	.963	Adshead
	N R1	2.4	7.37	6525	2.94	3.895	Br #1
	R2	1.8	6.02	6525	3.62	3.917	Br #1
C2	L R1	2.7	9.04	1250	2.31	.719	Adshead
	R2	2.4	8.37	1250	2.84	.819	Adshead
	M R1	2.3	8.14	1375	2.31	.712	Adshead
	R2	2.1	7.70	1375	2.84	.828	Adshead
	Q R1	1.1	5.46	2250	2.31	.782	Adshead
	R2	.9	5.01	2250	2.84	.882	Adshead
	T R1	1.6	5.58	1000	2.31	.355	Br #2
	R2	1.2	4.68	1000	2.84	.366	Br #2

Results:

Total water delivered each 12-day period = 33.322 Ac-ft

Ditch loss (per 12-day period)

Adshead - Rotation 1 = 3.910 Ac-ft (11.7%)
 Rotation 2 = 4.535 Ac-ft (13.6%)

Increase in ditch loss
 due to change in rotation = 0.625 Ac-ft (1.9%)
 = 204,000 gal

Branch #1 - Rotation 1 = 3.895 Ac-ft (11.7%)
 Rotation 2 = 3.917 Ac-ft (11.8%)

Increase in ditch loss
 due to change in rotation = 0.022 Ac-ft (0.1%)

Branch #2 - Rotation 1 = .355 Ac-ft (1.1%)
 Rotation 2 = .366 Ac-ft (1.1%)

Increase in ditch loss
 due to change in rotation = .011 Ac-ft (negligible)

Total loss Rotation 1 = 8.160 Ac-ft (24.5%)
 Rotation 2 = 8.818 Ac-ft (26.5%)

Increase in ditch loss
 due to change in rotation = 0.658 Ac-ft (2.0%)

A continuous flow of 0.0276 cfs = 0.658 Ac-ft in 12 days

1.382 in = .658 Ac-ft in 12 days

12.36 gal/min = .658 Ac-ft in 12 days

At the present rate of water use (0.769 in/Ac),
 the loss of 1.382 in. will result in the loss
 of irrigation for 1.80 acres.

Given:

Nelson water right.

Continuous = 1.4 cfs 100% time - 12 days/12

Rotation #1 (R1) = 3.2 cfs 44% time 5.25 days/12

Rotation #2 (R2) = 2.6 cfs 54% time 6.46 days/12

Pump discharge = 1.64 cfs (40HP - 70% - 65 psi)

Ditch X section - trapezoidal with 1:0.5 side ($z = .5$)Adshead ditch; $b = 3.0'$; Branch 1+2, $b = 2.0'$ Flow resistance - Manning $n = 0.9$ (Chow CB5, DA4 pp 112)

Ditch discharge

Condition #3 (C3) - Irrigate West flood area full-time on alternate rotations full time,

		<u>cfs</u>	<u>days</u>
L) A-Div to B1-bi (Adshead) - Rota 1		3.20	5.25
	Rota 2	2.60	6.46
N) B1-b to West (Br #1)	Rota 1	3.20	5.25
	Rota 2	2.60	6.46

Condition #4 (C4) - Irrigate sprinkled area plus N+S flood area on alternate rotations full time

L) A-Div to B1-bi (Adshead) - Rota 1		3.20	5.25
	Rota 2	2.60	6.46
M) B1-bi to pump (Adshead)	Rota 1	2.44	5.25
	Rota 2	2.13	6.46
Q) Pump to B2-bi (Adshead)	Rota 1	.80	5.25
	Rota 2	.49	6.46
T) B2-bi to N (Br #2)	Rota 1	.80	5.25
	Rota 2	.49	6.46

Calculations:

C = conditions of fields being irrigated (2)
 L = reach from Ahead Div to Branch 1 bifurcation
 M = reach from Branch 1 bifurcation to pump
 N = reach from Branch 1 bifurcation to West field
 Q = reach from pump to Branch 2 bifurcation
 T = reach from Branch 2 bifurcation to N field
 R = rotation (1 = 44% ; 2 = 54% of 12 days)

		Y (ft)	P (ft)	Length of reach (ft)	Time (days)	Seepage loss (Ac-ft)	
C3	L	R1	2.68	8.99	1250	5.25	1.625 Ads
		R2	2.37	8.30	1250	6.46	1.875 Ads
	N	R1	3.50	9.83	6525	5.25	9.277 Br 1
		R2	3.14	9.02	6525	6.46	10.474 Br 1
C4	L	R1	2.68	8.99	1250	5.25	1.625 Ads
		R2	2.37	8.30	1250	6.46	1.846 Ads
	M	R1	2.29	8.12	1375	5.25	1.615 Ads
		R2	2.11	7.72	1375	6.46	1.889 Ads
	Q	R1	1.18	5.64	2250	5.25	1.835 Ads
		R2	.86	4.92	2250	6.46	1.970 Ads
	T	R1	1.63	5.64	1000	5.25	.816 Br 2
		R2	1.22	4.73	1000	6.46	.842 Br 2

Results:

Total water delivered in 2 12-day periods = 66.645 Ac-ft

Ditch loss (per 2 12 day periods)

Adshood- Rotation 1 = 6.700 Ac-ft (10.1%)
Rotation 2 = 7.580 Ac-ft (11.4%)

Increase in ditch loss
due to change in rotation = .880 Ac-ft (1.3%)
= 287,000 gal

Branch #1 Rotation 1 = 9.277 Ac-ft (13.9%)
Rotation 2 = 10.474 Ac-ft (15.7%)

Increase in ditch loss due
to change in rotation = 1.197 Ac-ft (1.8%)

Branch #2 Rotation 1 = .816 Ac-ft (1.2%)
Rotation 2 = .842 Ac-ft (1.3%)

Increase in ditch loss due
to change in rotation = .036 Ac-ft (0.1%)

Total loss Rotation 1 = 16.793 Ac-ft (25.2%)
Rotation 2 = 18.896 Ac-ft (28.4%)

Increase in ditch loss due
to change in rotation = 2.103 Ac-ft (3.2%)

A continuous flow of 0.0442 cfs = 2.103 Ac-ft in 24 days
2.209 in = 2.103 Ac-ft in ²⁴12 days
19.89 gpm = 2.103 Ac-ft in ²⁴12 days

At the present rate of water use (0.769 in/Ac),
the loss of 2.209 in will result in the loss of
irrigation for 2.87 Ac