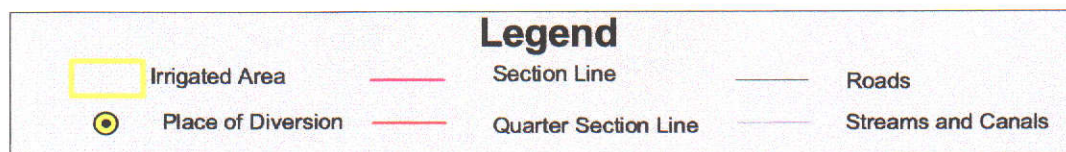
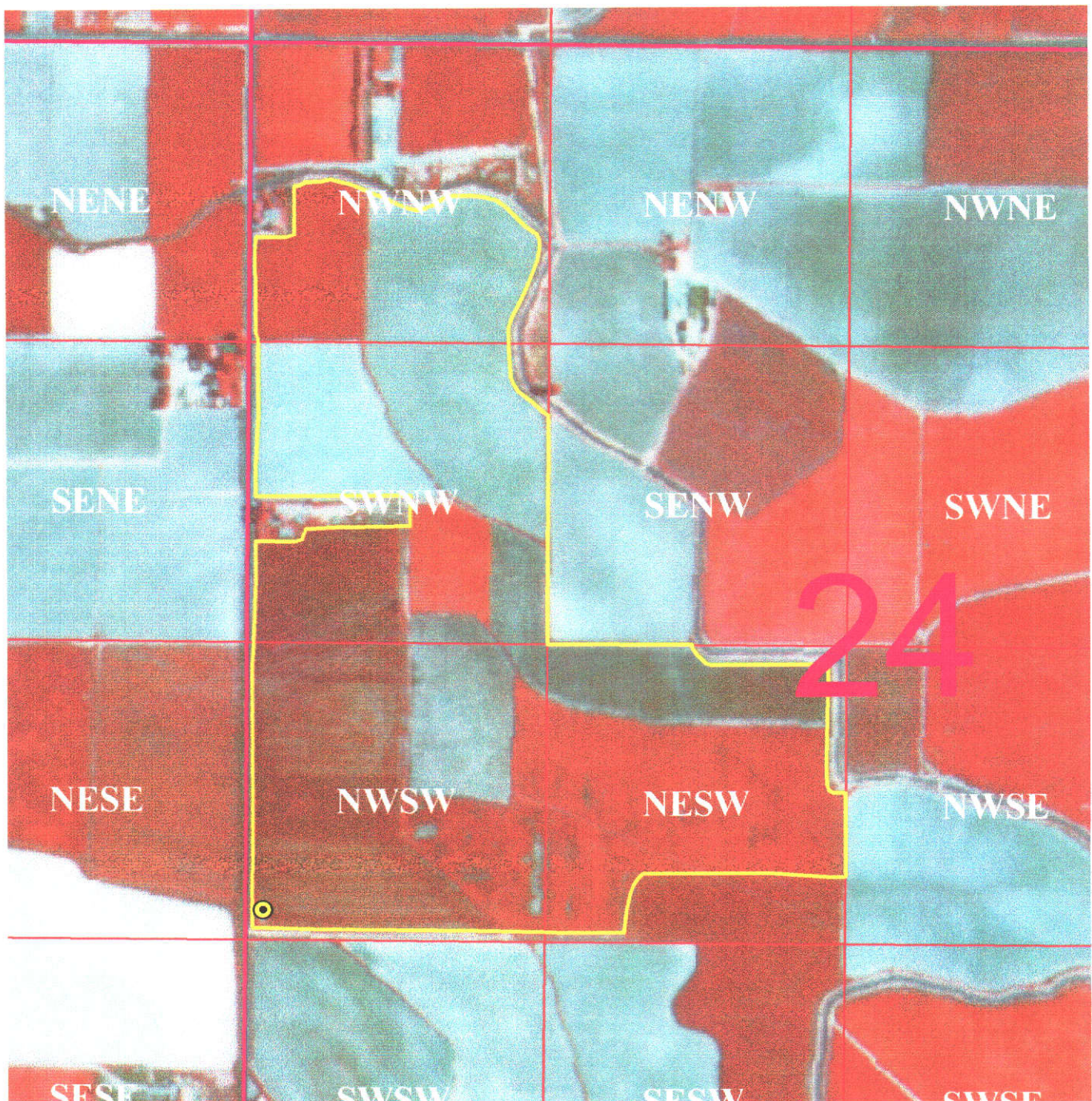


Water Right Claim Number 47-07761
Township , 10S13E

03/26/2001



500 0 500 1000 Feet



Water Right Claim Number 47-07761
Township , 10S13E

03/26/2001

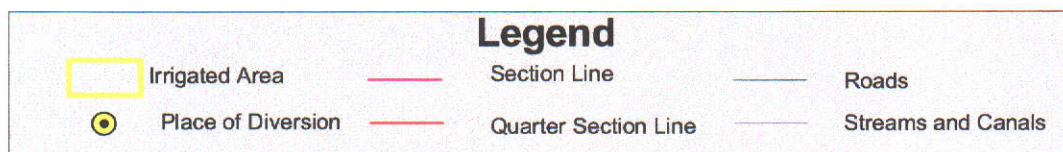
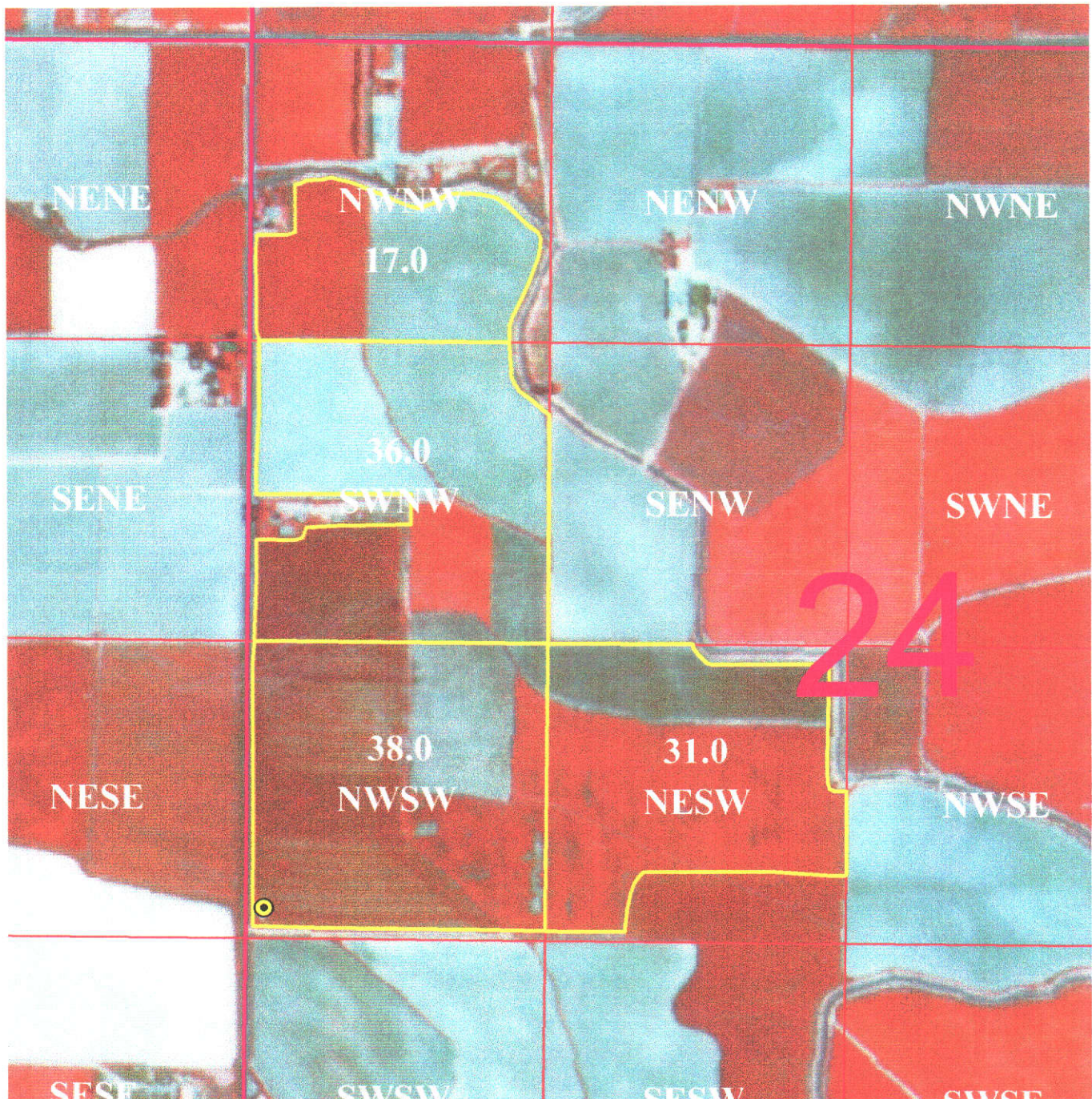


Legend		
	Irrigated Area	 Section Line
	Place of Diversion	 Quarter Section Line
		 Roads
		 Streams and Canals



Water Right Claim Number 47-07761
Township , 10S13E

03/26/2001



500 0 500 1000 Feet



 SPATIAL
DYNAMICS

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: A47-07761
Date Received: 12/06/1988
Receipt No: S004251
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: JONATHAN WELLS 208-537-6958
Address: RT. 2 BOX 115
3788 N. 800 E.
BUHL, ID 83316

AND/OR

Name: CAROL WELLS 208-537-6958
Address: RT. 2 BOX 115
3788 N. 800 E.
BUHL, ID 83316

2. Date of Priority: APR 01, 1982

3. Source: WASTE WATER Trib. to: SALMON FALLS CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
10S	13E	24	SW	NW	SW		TWIN FALLS

5. Description of diverting works:
POND AND PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.200		

7. Total Quantity Appropriated is:
1.130 C.F.S. (and/or) 255.50 A.F.A.

8. Total consumptive use is 490.0 Acre Feet Per Annum.

9. Non-irrigation uses:

A47-07761

Page 1

Date: 12/06/88

MICROFILMED

MAR 11 1993

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
10S	13E	24	NW	NW		IRR	21.0
			SW	NW		IRR	39.0
			NE	SW		IRR	34.0
			NW	SW		IRR	38.0
Section Acres							132.0
Total Acres							132.0

11. Place of use in counties: TWIN FALLS

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

13. Other Water Rights Used:
NONE

14. Remarks:

THE OLD PERMIT (#47-7761) IS CALCULATED AT 1.2 CFS. ACTUAL MEASUREMENTS SHOW OUTPUT TO BE 1.16 CFS AT MAX. FLOW. MAX. FLOW IS RARELY USED AS WASTE WATER FLUCTUATES FROM 0-2.0 CFS. 490 AC-FT. CLAIMED AT 100% PUMP CAPACITY WHICH IS NOT POSSIBLE. ACTUAL POWER CONSUMPTION RECORDS SHOW AN AVERAGE OF 46% OF THIS OR 228 AC-FT. OR USE OF 1.73 AC/AC.
DWR NOTE**PRIORITY DATE LISTED ON LIC.#47-07761 IS 10/14/1981.
LIC. SHOWS DIVERSION RATE OF 1.13 CFS AND P/U ACRES=73.0.

15. Basis of Claim: LICENSE

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

A47-07761

Date Received

Receipt Number

500425

525

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

RECEIVED

DEC - 2 1988

**Department of Water Resources
Southern Region Office**

Please type or print clearly

1. Name of Claimant (s) Jonathan AND/OR Carol Wells Phone (208) 537-6958
Mailing Address RT2, BONNIE, (3738N, 800E), Buhl Zip 83316
2. Date of Priority (Only one (1) per claim) APRIL 1, 1982
3. Source of water supply (a) WASTE WATER
which is tributary to (b) SALMON FALLS Cr.
4. a. Location of existing point of diversion is: Township 10S Range 13E Section 24,
SW NW 1/4 of SW 1/4 of SW 1/4, Govt. Lot, _____ B.M., County of TWIN FALLS
- 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. POND AND PUMP ARE THE ONLY STRUCTURES AT THE POINT OF DIVERSION

MICROFILMED

MAN 7 1992

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For Irrigation purposes from APR 1 to NOV 1 amount 1.2 CFS or *See #14 below

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 1.2 CFS (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 490 *See #14 below acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) NONE

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	13E	24					21	39			34	38							132

Total number of acres irrigated 132

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

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.

135 shares of TWIN FALLS CANAL CO. WATER or None ()

14. Remarks:

THE OLD PERMIT (#47-7761) IS CALCULATED AT 1.2 CFS. ACTUAL MEASUREMENTS SHOW OUTPUT TO BE 1.16 CFS AT MAX. FLOW. MAXIMUM FLOW IS RARELY USED AS WASTE WATER FLUCTUATES FROM 0 CFS TO 2 CFS.
-490 AC FT CLAIMED AT 100% PUMP CAPACITY WHICH IS NOT POSSIBLE. ACTUAL POWER CONSUMPTION RECORDS SHOW AN AVERAGE OF 46% OF THIS OR 228 AC FT OR A USE OF 1.73 AC / AC

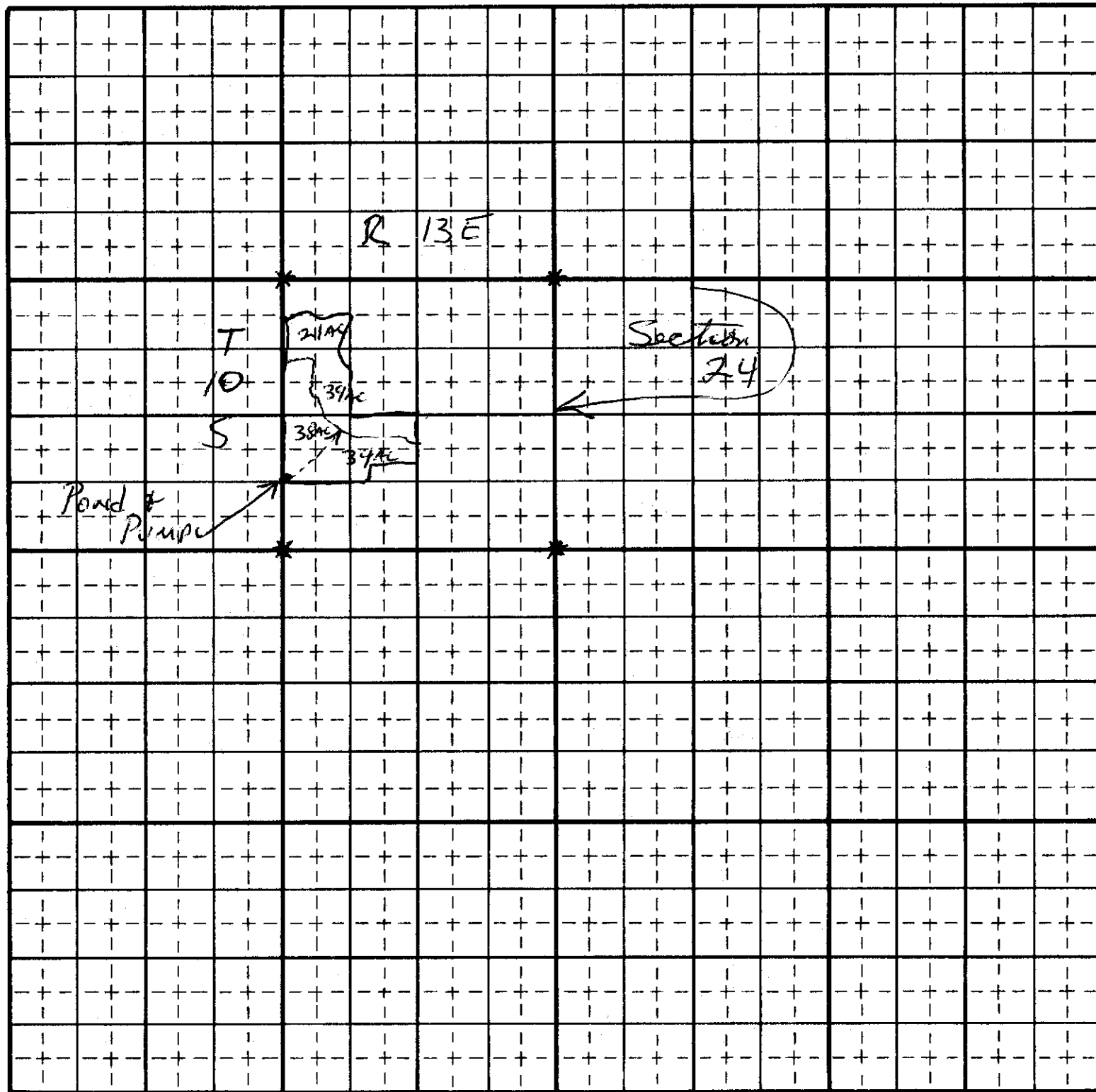
MICROFILMED

Last Name Wells Ident No. A47-D7761

MAR 11 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



MICROFILMED

MAR 11 1993

Last Name Wells

Ident No. A47-07761

Copies: White-State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use ☒ Posted Notice ☐ License ☐ Permit ☐

Decree ☐

If applicable provide IDWR Water Right Number 47-7761

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) Jonathan Wells Date Nov 29, 1988

Date ☐

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 ☐ of ☐

Title

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 Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 29th day of November 19 88

SEAL

Notary Public Roxanne Storey

Residing at Buhl, Id

My Commission Expires 6-30-94

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 ☐

MICROFILMED

MAR 11 1993

Last Name Wells Ident. Number A47-07761

Copies White-State, Yellow-Claimant

Water Right Number - 47-07761 Adj. Flag Translation: Standard Water Right Number Old (D) Number -
+ - - - - Last Name - - - - + + - First Name - - + + - - - - Address - - - - - +

*** C - CURRENT OWNER ***
WELLS

JONATHAN

1 - RT. 2
2 -
3 -
City- BUHL
Phone -

State- ID Zip- 83316

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
* 10/14/1981 17 L - LICENSE

+ - - Source - - - - - + + - - Tributary - - - - - +
WASTE WATER SALMON FALLS CREEK

Twn	Rng	Sec	Tract	Lot	RFlg	County	Point of Diversion	Stream Index (Blank if no Index Code)
10S	13E	24	NW SW			(83)	TWIN FALLS	

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		04/01	11/01		* 1.130	255.50

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
* 1.130 255.50 1.130

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
10S	13E	24	SW NW		15.0	01	IRRIGATION	(83) TWIN FALLS
10S	13E	24	NE SW		22.0	01	IRRIGATION	(83) TWIN FALLS
10S	13E	24	NW SW		36.0	01	IRRIGATION	(83) TWIN FALLS

Total Acres: * 73.0

+ - - Diversion Means -
+ - - Non-Irrigation Use -
+ - - Other Rights for Same Use -

+ - - Remarks - - - - - +
No Remarks found.

+ - - Conditions of Approval - - - - - +
No Conditions of Approval found.

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

447-07761

MAR 11 1993

MICROFILMED

Water right number - 47-07761

Adj. flag translation: Standard Water Right Number

+ - - Microfilm Rolls -

+ - - Audit Fields - 02/19/88

05/28/88 CONVERT

+ - - - - - Water Rights Dates and Flags Area - - - - - +

Proof Due Date	- 12/01/1986	Field Exam Made	- 08/23/1987	Field Exam Fee	-
Approved/Denied	- 12/03/1981	Protested Date	- 00/00/0000	Swan Falls	- 7
Proof Made Date	- 09/11/1985	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	-
Licensed Date	- 02/10/1988	Appl Received	- 10/14/1981	Transfer/Amended	-
Decree Date	- 00/00/0000				

447-07761

MICROFILMED
MAR 11 1993

Log for claim 47-07761

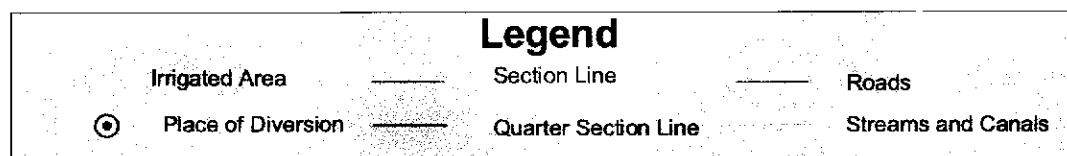
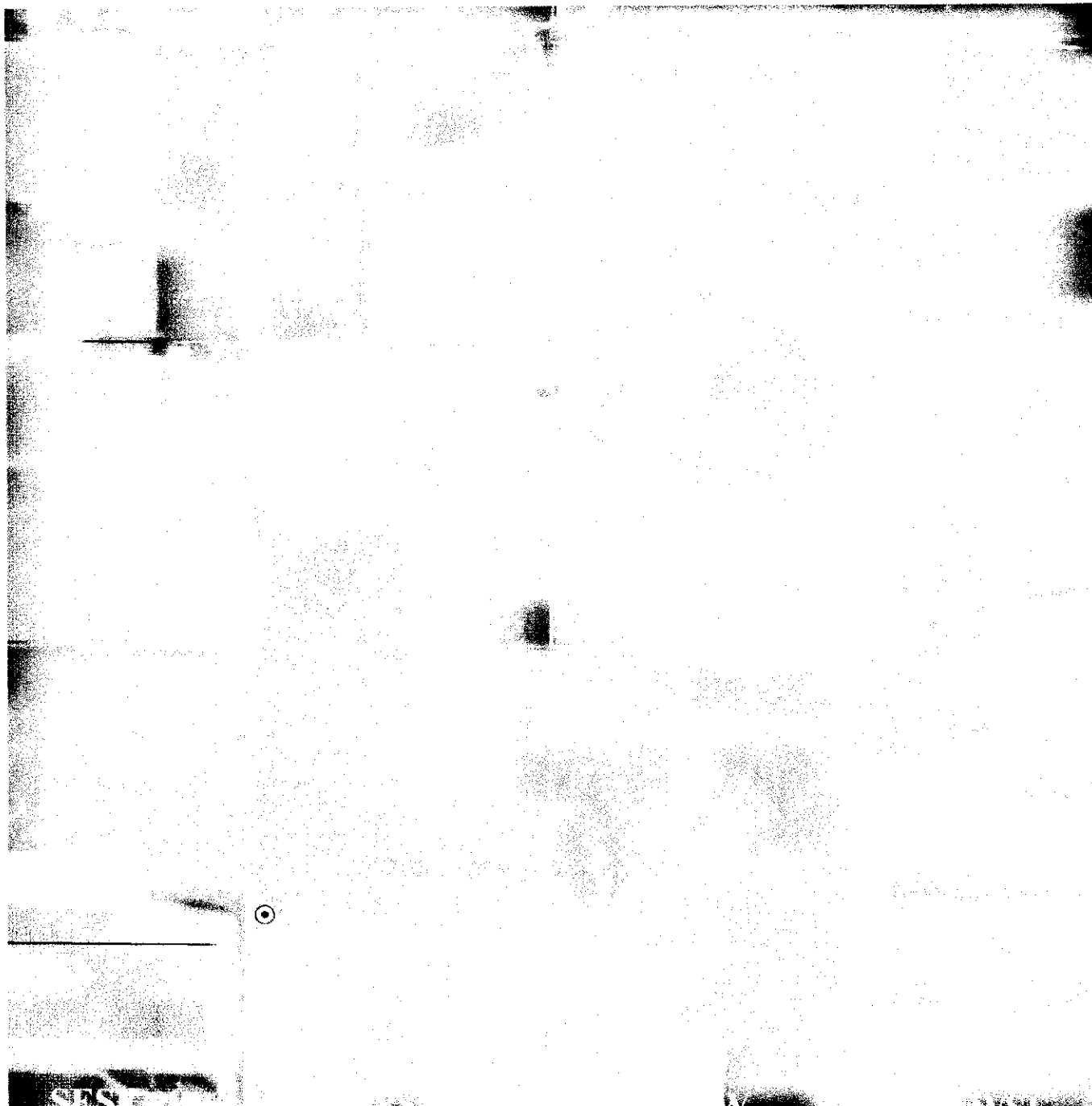
Spatial Dynamics LTD

3/26/01

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
10s13e	24	NWNW	21	17	
10s13e	24	SWNW	39	36	
10s13e	24	NESW	34	31	
10s13e	24	NWSW	38	38	
Totals:			132	122	

Water Right Claim Number 47-07761
Township , 10S13E

03/26/2001



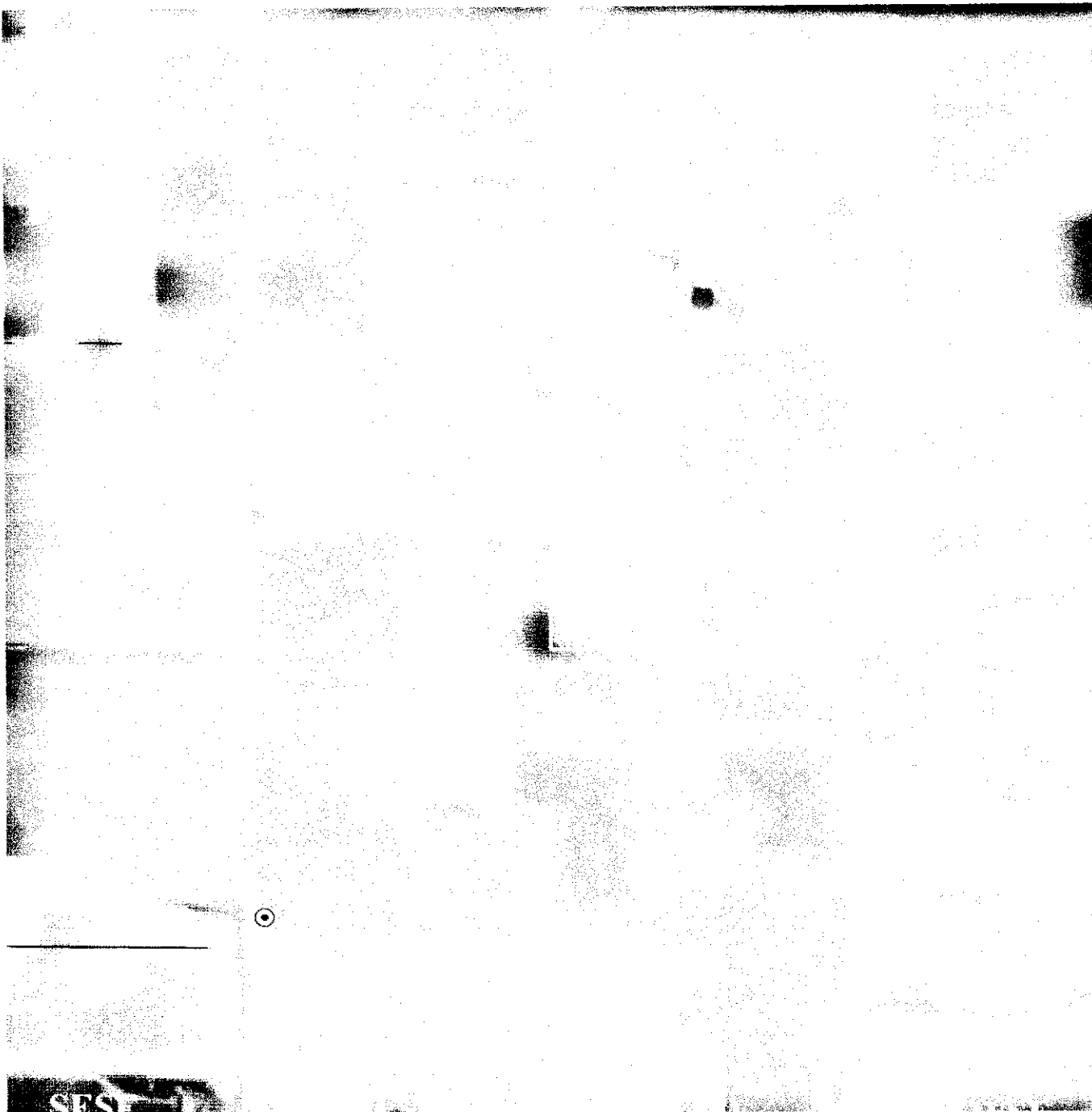
500 0 500 1000 Feet

A horizontal scale bar with alternating black and white segments, corresponding to the 500, 0, 500, and 1000-foot markings.

SPATIAL
DYNAMICS

Water Right Claim Number 47-07761
Township , 10S13E

03/26/2001



Legend			
 Irrigated Area	 Section Line	 Roads	
 Place of Diversion	 Quarter Section Line	 Streams and Canals	

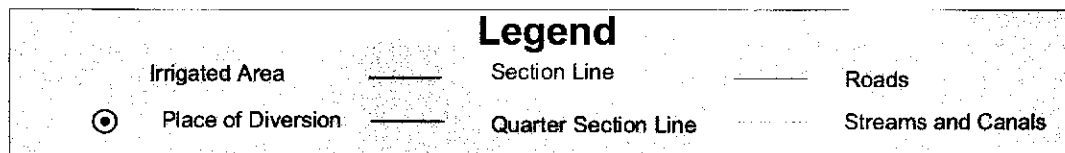
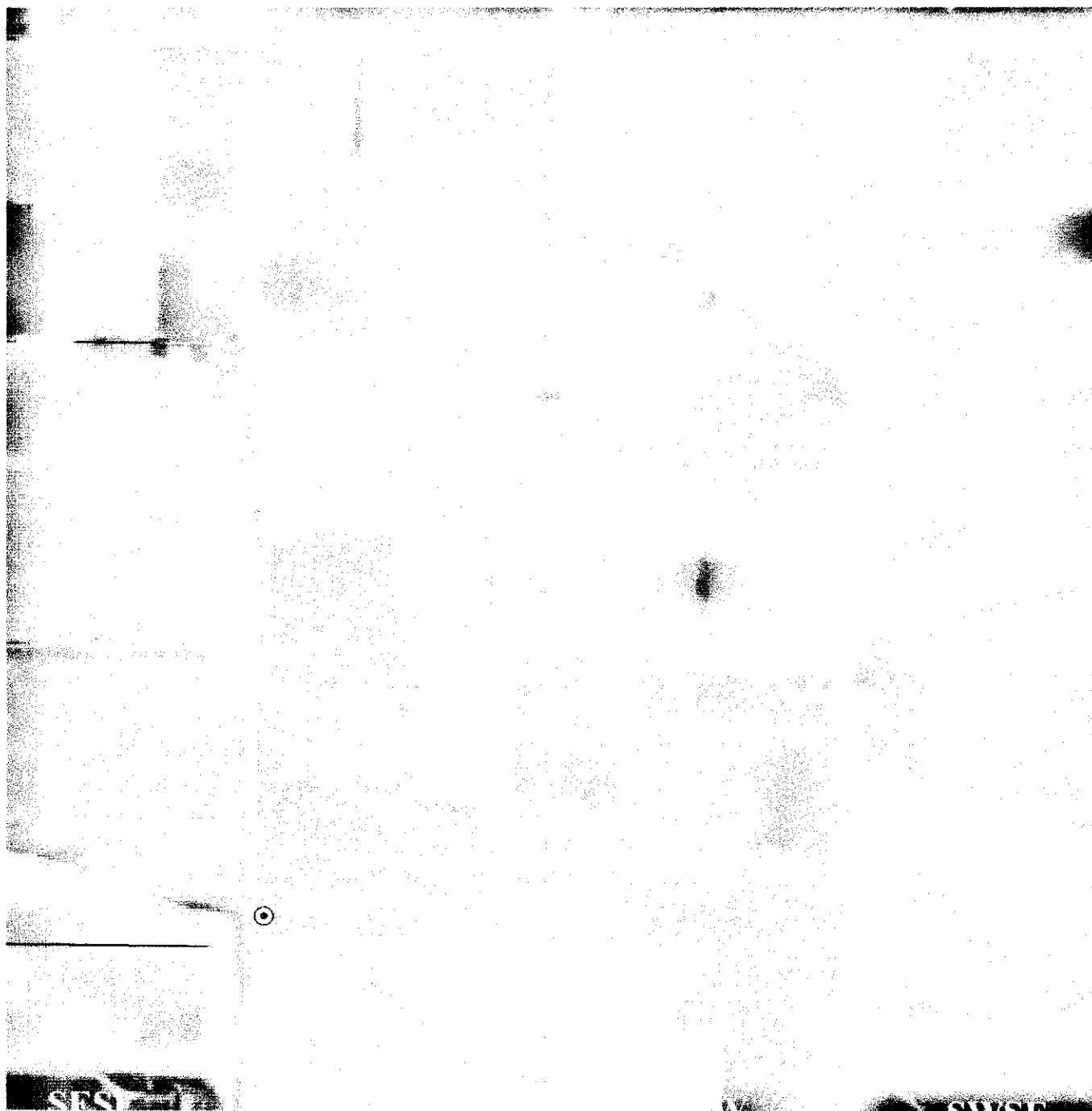
500 0 500 1000 Feet



 SPATIAL
DYNAMICS

Water Right Claim Number 47-07761
Township , 10S13E

03/26/2001



SPATIAL
DYNAMICS

AJ5809NP
No. A47-07761

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 02/12/01
PAGE: 185

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	JONATHAN WELLS	04/01/1982	IRRIGATION	04-01 11-01	1.200 CFS	
C	CAROL WELLS					
	RT 2 BOX 115					
	3788 N 800 E					
	BUHL ID 83316					
	(208) 537-6958					
				TOTAL DIVERSION:	1.130 CFS	255.50 AFA
				CONSUMPTIVE USE:		490.00 AFA

Water Source: WASTE WATER

Tributary to: SALMON FALLS CREEK

Stage: LICENSE

Point(s) of Diversion:

T10S R13E S24

SWNWSW

TWIN FALLS County

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE					
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM
10S	13E	24	:							21	39			34	38					:	132.0
																				TOTAL ACRES	132.0

POU County: TWIN FALLS

Other Rights: NONE

Other Water Rights Listing Overlapping Place(s) of Use:
A01-0020921

Remarks: GEN THE OLD PERMIT (#47-7761) IS CALCULATED AT 1.2 CFS. ACTUAL MEASUREMENTS SHOW OUTPUT TO BE 1.16 CFS AT MAX. FLOW. MAX. FLOW IS RARELY USED AS WASTE WATER FLUCTUATES FROM 0-2.0 CFS. 490 AC-FT. CLAIMED AT 100% PUMP CAPACITY WHICH IS NOT POSSIBLE. ACTUAL POWER CONSUMPTION RECORDS SHOW AN AVERAGE OF 46% OF THIS OR 228 AC-FT. OR USE OF 1.73 AC/AC. DWR NOTE**PRIORITY DATE LISTED ON LIC.#47-07761 IS 10/14/1981. LIC. SHOWS DIVERSION RATE OF 1.13 CFS AND P/U ACRES=73.0.

Dates:	Exam Made Date:	Verified Date:	Objection Filed Date:
Misc:	Water District Number:	Field Inspection Flag:	Presumption Flag: E
Audit:	12/06/88 CLELLAND	03/30/95 POST-STD	

WATER RIGHT LICENSE

WATER RIGHT NO. 47-7761

Priority: October 14, 1981 Amount: 1.13 CFS 255.5 AFA

This is to certify, that JONATHAN WELLS

RT. 2

BUHL, ID 83316

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated October 14, 1981, and has submitted proof to the Department of Water Resources on September 11, 1985, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 1.13 cfs of water from;

WASTE WATER

tributary to SALMON FALLS CREEK

and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Irrigation	04/01 to 11/01	1.13 cfs	255.5 afa

LOCATION OF POINT OF DIVERSION(S): NWSW , Sec. 24, Township 10S, Range 13E
Twin Falls County

PLACE OF USE: Irrigation

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
10S	13E	24	SWNW 15	NESW 22	NWSW 36		73

Total number of acres irrigated: 73

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 10th day of February, 1988.

MICROFILMED

Director

FEB 29 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT **APPROVED**

To appropriate the public waters of the State of Idaho

1. Name of applicant Jonathan Wells Phone 537-6958

Post office address Route #2, Buhl, ID 83316

2. Source of water supply Waste Water which is a tributary of Salmon Falls Cr.

3. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 24 Township 10S

Range 13E B.M. Twin Falls County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 1.20 cfs for irrigation purposes from Apr 1 to Nov 1 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 1.20 cfs cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Ditch, pump & pipeline to ditch, gravity
irrigation system

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial

use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____

Range _____ B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____.

(5) If water is to be used for other purposes describe: _____

RECORDED

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
10S	13E	24					21	39			34	38							132

Total number of acres to be irrigated 132

c. Describe any other water rights used for the same purposes as described above. _____

137 shares Twin Falls Canal Co. water

9. a. Who owns the property at the point of diversion Applicant

b. Who owns the land to be irrigated or place of use "

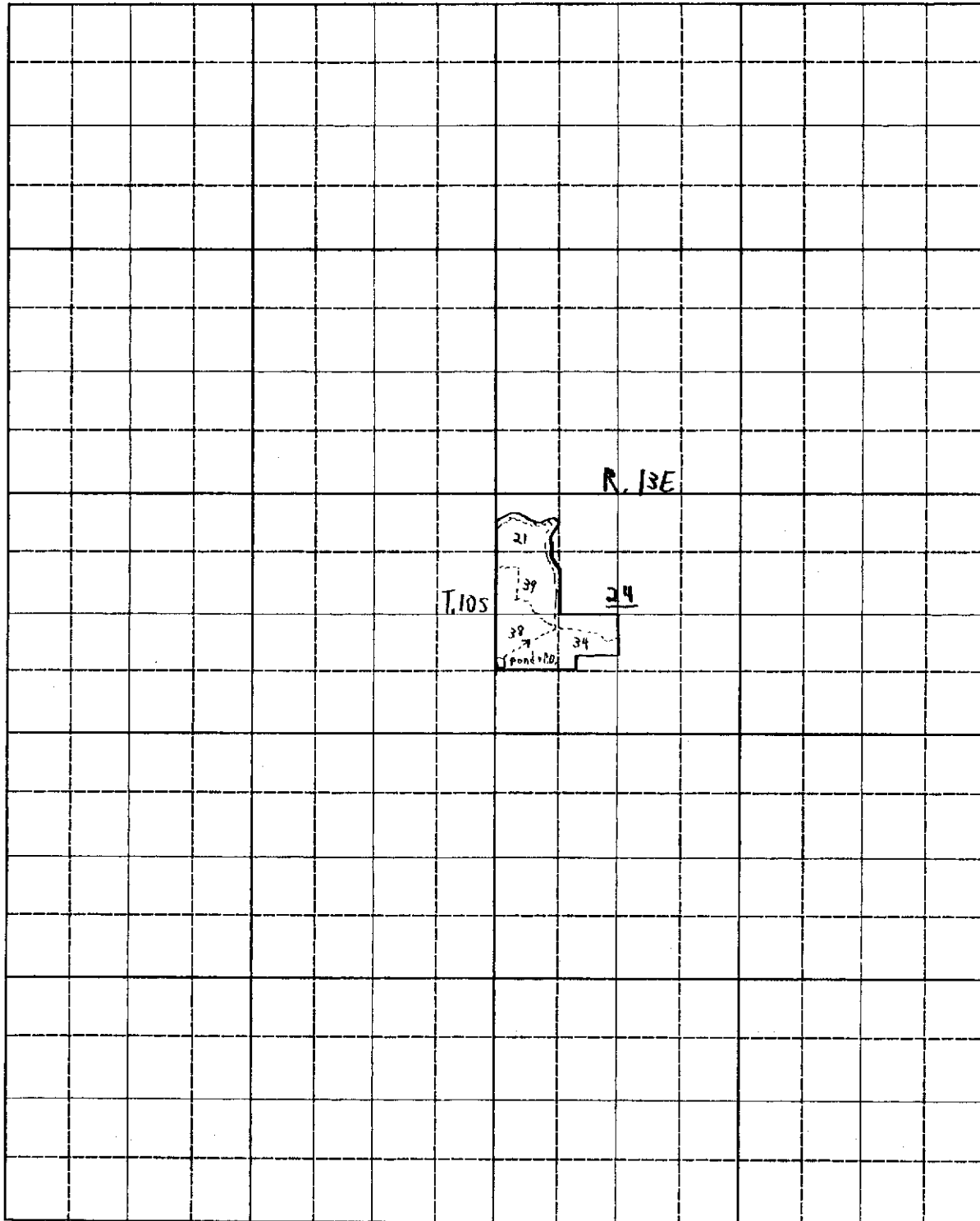
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing _____

10. Remarks System has been partially developed using applicants own wastewater.

Other wastewater will also be collected. ~~in a pond~~ Water will then be
pumped into the existing gravity irrigation system.

RECEIVED
 JUN 10 1960

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



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Jonathan Wells
(Applicant)

Proposed priority 10/14/1981

Received by JK Date 10-14-81 Time 1:30 pm
Preliminary check by Longmire Fee \$ 65.00 # 20604
Receipted by maey Date 10/14/81
Publication prepared by maey Date 10/15/81
Published in Times News
Publication dates 10/22 + 10/29/81
Publication approved maey Date 10/21/81
Protests filed by: NONE

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by ADM RC

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 47-7761, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 19 86.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 3rd day of December, 1981.

J. Glen Saxton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

SEP 22 1987

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 47-7761

1. Owner: Jonathan Wells Phone No. 537-6958

Current Address: Route 2, Buhl, ID 83316

2. Accompanied by: Robin Wells EXAM. DATE: _____

Address: Route 2, Filer ID 83328 Phone No. 733-7352

Relationship to Permit Holder: Brother

3. Source: Irrigation Waste tributary to Salmon Falls Creek

B. OVERLAP REVIEW

1. Other water rights with same place of use: 137 shares of Twin Falls Canal Company Irrigation Water. ☐ Copies Attached

2. Other water rights with same point of diversion: _____
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached

APPROVED

FEB 20 1988

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☒ Aerial Photo Attached
Showing location(s) of point(s) of diversion and (required for irrigation of 10 acres or more).
place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

System Description (continued)

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

The system collects irrigation runoff from his property and neighboring fields into a small holding pond. The pond was partially full during the test. The pump draws water from the holding pond through a buried 16" steel pipe line to the existing irrigation distribution system of concrete and dirt ditches.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
#1	US Motor	15	372463	Byron Jackson	2 Stage 8GA 8" disch.

*Code to correspond with No. on map and aerial photo

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SW	NW	SW	24	10S	13E	TWIN FALLS	Aerial Photo & U.S.G.S. Quadrangle

6. **Place(s) of Use:**

Indicate Method of Determination MAP - PHOTO - VISUAL

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
10S	13E	24							15		22	36							73

REMARKS AND OVERLAP REVIEW ANALYSIS

This irrigation water use is used as a supplemental supply of water and it's source is from surface irrigation runoff from the permit holder's property and associated fields.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	Apr 1	Nov 1	1.13	365
Totals:			1.13	365

2. Recommended Amendments

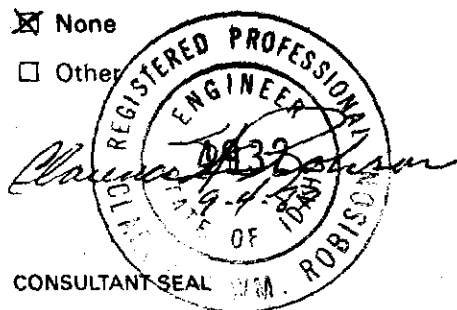
- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

☒ None

☐ Other

J. AUTHENTICATION

Field Examiner's Name Clarence Wm Robison
 Signature Clarence Wm Robison
 Certification Date April 7 1987
 Field Report Preparation Date Sept 4 1987



K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

SEP 24 1987

Do not use this space

D. FLOW MEASUREMENTS

☒ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Collins Tube	—	Collins	—	—	24"	

2. Measurements:

See attachment.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

$$A = .529 \text{ ft}^2 \quad \bar{V} = 2.14 \text{ fps} \quad \therefore Q = 1.13 \text{ ft}^3/\text{s}$$

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: $\frac{12}{\text{psi}} \times 2.31 = \frac{27.7}{\text{ft (1)}}$; Dynamic pumping level: $\frac{2.5}{\text{ft (2)}}$

Total Head: (1) + (2) = $\frac{30.2}{\text{(3)}}$

; Flow rate: $\frac{1.13}{\text{cfs (4)}}$

Water HP: (3) $\times$ (4) $\div$ 8.8 = $\frac{3.88}{\text{(5)}}$

Meter Input KW: $3.6 \times \frac{57.6}{\text{KH}} \times \frac{1}{\text{CTR or}} \times \frac{1}{\text{MULT}} \times \frac{1}{\text{PTR}} \times \frac{2}{\text{N/}} \times \frac{81}{\text{T}} = \frac{5.12}{\text{(6)}}$

Meter Input HP: (6) $\times$ 1.34 = $\frac{6.86}{\text{(7)}}$

Panel Input KW: $\frac{.595}{\text{Ave PF}} \times \frac{481}{\text{Ave Volts}} \times \frac{9.43}{\text{Ave Amps}} \times .001732 = \frac{4.67}{\text{(6)}}$

Panel Input HP: (6) $\times$ 1.34 = $\frac{6.26}{\text{(7)}}$ Efficiency: (5)/(7) $\times$ 100 = $\frac{61.9}{\%}$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{73 \times 5.0}{\text{}} = \frac{365 \text{ af}}{\text{}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{1.13 \times 214 \times 1.9835}{\text{}} = \frac{479 \text{ af}}{\text{}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \frac{365 \text{ af}}{\text{}}$$

2. Volume Calculations for Other Uses:

APR 15 1984

126 28 54

COLLINS FLOW MEASUREMENT DATA SHEET:

DATE: 8/23/87 TIME: _____ OBSERVER: Robison & Wells

SYSTEM NAME: Jon Wells' Tailwater Recovery System Permit 47-7761

OWNER: Jonathan Wells

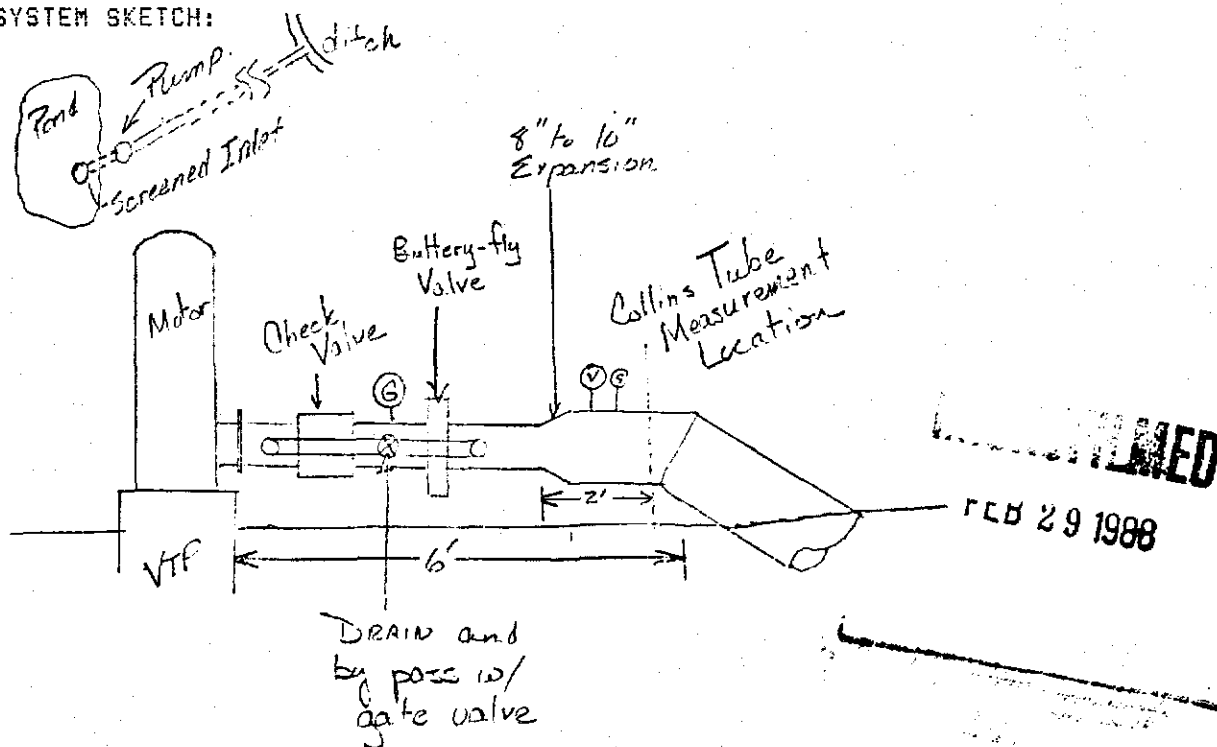
ADDRESS: Route 2 TELEPHONE: 537-6538

Fuhl ID 83316

OPERATOR: Same

ADDRESS: _____ TELEPHONE: _____

SYSTEM SKETCH:



PIPE FLOW MEASUREMENT: Pipe diameter 9.85 inches; radius 4.925 inches
 Pipe 7 Time _____ Depth to Water ~2.5' ft; Discharge Pres. ~12 psi

Setting Method	Reference Distance (")	Forward Vel.	Backward Vel.	Mean Velocity
* Two Point Method				
.949R	.25	2.9	3.2	3.05
.837R	.80	3.2	3.3	3.25
.707R*	1.44	3.3	3.2	3.25
.547R	2.23	3.0	3.2	3.10
.316R	3.19	2.6	2.6	2.60
Center Line	4.925			
.316R	6.48	1.4	1.5	1.45
.547R	7.67	1.4	1.3	1.35
.707R*	8.41	1.2	1.2	1.20
.837R	9.05	1.1	1.1	1.10
.949R	9.60	1.0	1.0	1.00
Mean		2.11	2.16	2.14

Flow = mean velocity * pipe area * correction

Flow = 2.14 ft/s * 0.527 sqft * (1 + 0) = 1.13 cfs

PIPE FLOW MEASUREMENT: Pipe diameter _____ inches; radius _____ inches
 Pipe _____ Time _____ Depth to Water _____ ft; Discharge Pres. _____ psi

N/A

Setting Method	Reference Distance	Forward Vel.	Backward Vel.	Mean Velocity
* Two Point Method				
.949R	---	---	---	---
.837R	---	---	---	---
.707R*	---	---	---	---
.547R	---	---	---	---
.316R	---	---	---	---
Center Line	---			
.316R	---	---	---	---
.547R	---	---	---	---
.707R*	---	---	---	---
.837R	---	---	---	---
.949R	---	---	---	---
Mean		---	---	---

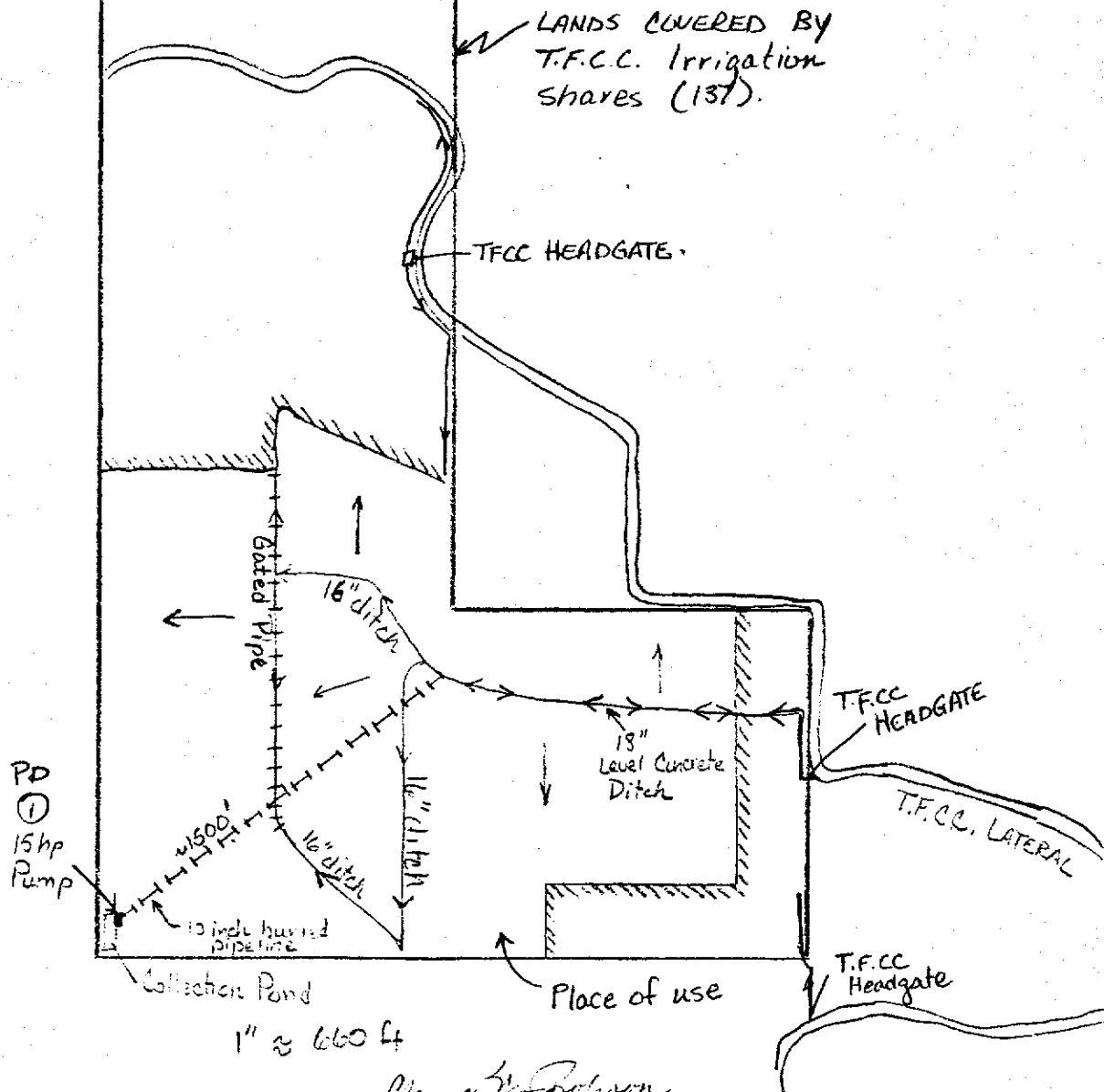
Flow = mean velocity * pipe area * correction

Flow = _____ ft/s * _____ sqft * (1 + _____) = _____ cfs

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14 113
23 24



1" = 660 ft

Charles E. Johnson

RECEIVED

19 1928

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No. _____

1. Measurement Calculations

- a) Field Measurement Calculations (Include theoretical capacities and system capacity)

- b) Volume Calculations for Irrigation:

$$\begin{aligned} V_{I.R} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 73 \times 3.5 = 255.5 \\ V_{D.R} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.13 \times 24 \times 19835 = 479.0 \\ V &= \text{Smaller of } V_{I.R} \text{ and } V_{D.R} = 255.5 \end{aligned}$$

- c) Volume Calculations for Other Uses:

2. Overlap Review

- a) Other water rights with same place of use: _____

- b) Other water rights with same point of diversion: _____

- c) Analysis: No other waste water rights found.

Permits states that surface shares are owned
and water is used on same ground.

License will require condition # 230

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RECOMMENDED AMOUNTS

Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity
47-7761	10-14-81	1.13	10-14-81	9-11-1985	1.13 cfs

4. Permit Holder: Jonathan Wells

Address: Rt. 2 Buhl IDAHO

5. Source: Waste Water tributary to Salmon Falls CR.

6. Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4-1	11-1	1.13	255.5

Allowable Maximums: 1.13 255.5

7. Point(s) of Diversion:

[illegible]

8. Place(s) of Use

[illegible]

9. Recommended Conditions/Remarks: ADD CONDITION R30

COMMENT :

ONE ADJUSTMENT WAS REQUIRED TO RECOMMENDATIONS MADE BY CERTIFIED FIELD EXAMINER, THE VOLUME SHOULD BE 255.5 RATHER THAN 365 AS SHOWN.

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10. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other _____

11. Examiner's Signature _____ Date _____

Checked in Regional Office by _____ Date _____

Approved in State Office by John Johnson Date 10-23-87