

05/13/2003

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 29-7291

NAME AND ADDRESS: WARD & SONS CO INC
5336 ARBON HWY
ARBON ID 83212

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 4.530 CFS
1,305.200 AFY

This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for irrigation of the lands above.

PRIORITY DATE: 10/22/1975

POINT OF DIVERSION:

T11S R33E S35 NWSW Within POWER County Source: GROUND WATER

T11S R33E S35 NWNWSW Within POWER County Source: GROUND WATER

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/15 11/15	4.530 CFS 1,305.20 AFY

PLACE OF USE: IRRIGATION Within POWER County

T11S R33E S34	NESE	37.0	T11S R33E S34	NWSE	2.4
T11S R33E S34	SWSE	34.0	T11S R33E S34	SESE	35.0
T11S R33E S35	NESW	38.0	T11S R33E S35	NWSW	33.0
T11S R33E S35	SWSW	33.0	T11S R33E S35	SESW	37.0
T11S R33E S35	NWSE	4.1	T11S R33E S35	SWSE	3.8
T12S R33E S03 Lot 1	NENE	34.0	T12S R33E S03 Lot 2	NWNE	35.0

326.3 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

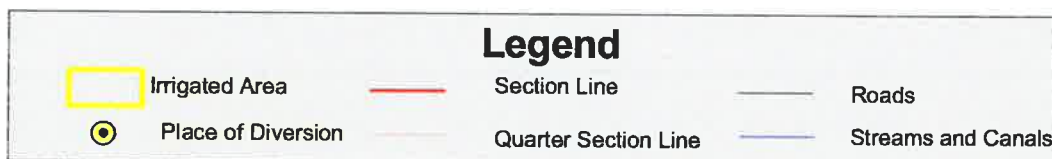
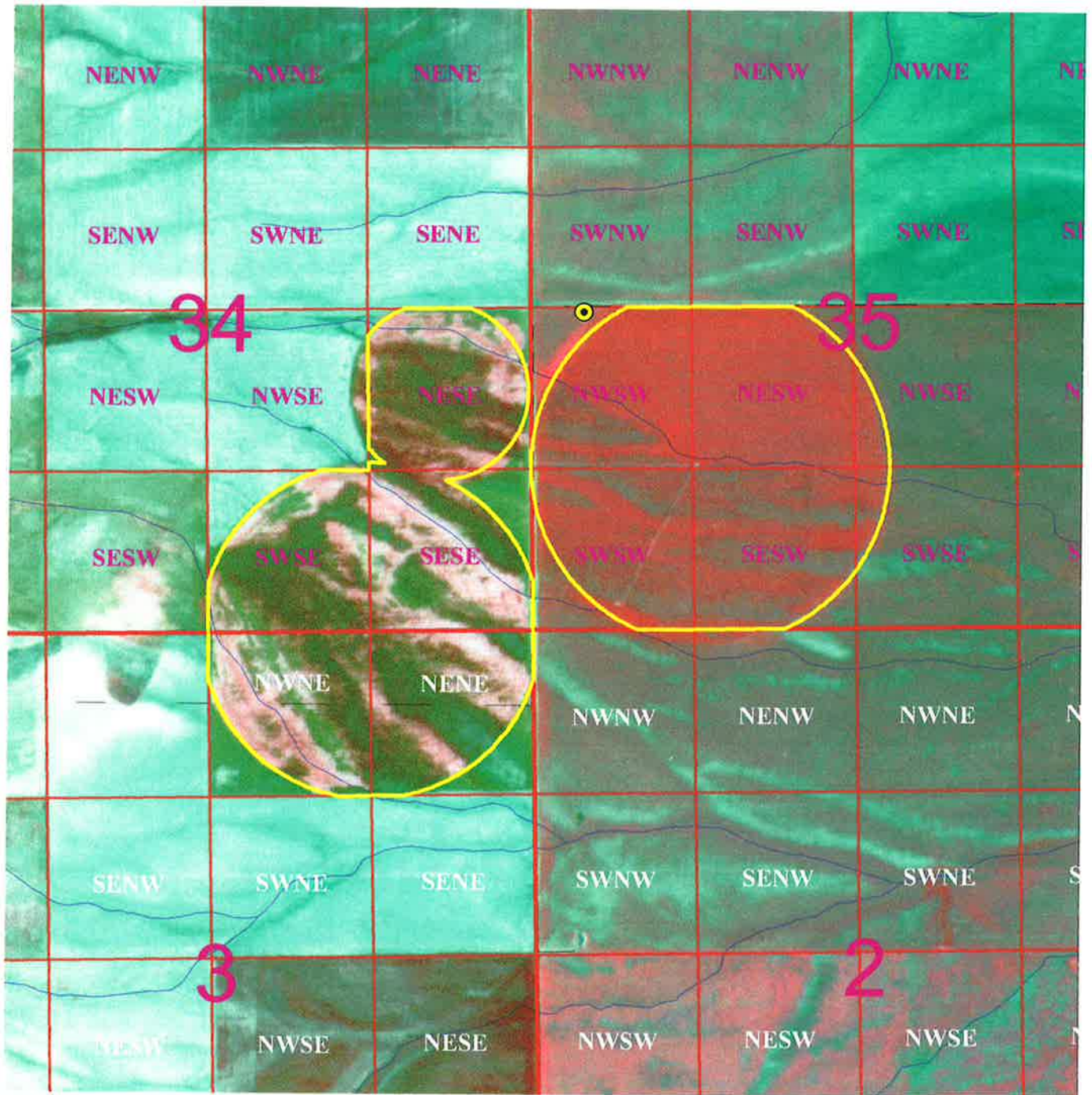
THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.

EXPLANATORY MATERIAL: License

RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION PURSUANT TO SECTION 42-1425, IDAHO CODE.

RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO SECTION 42-1425, IDAHO CODE.

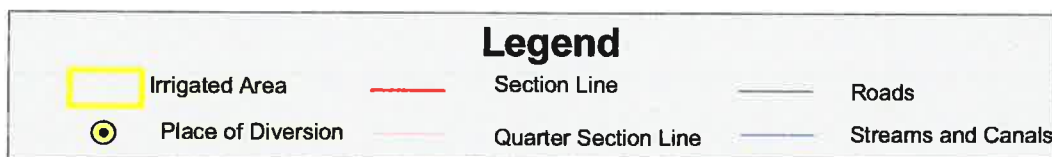
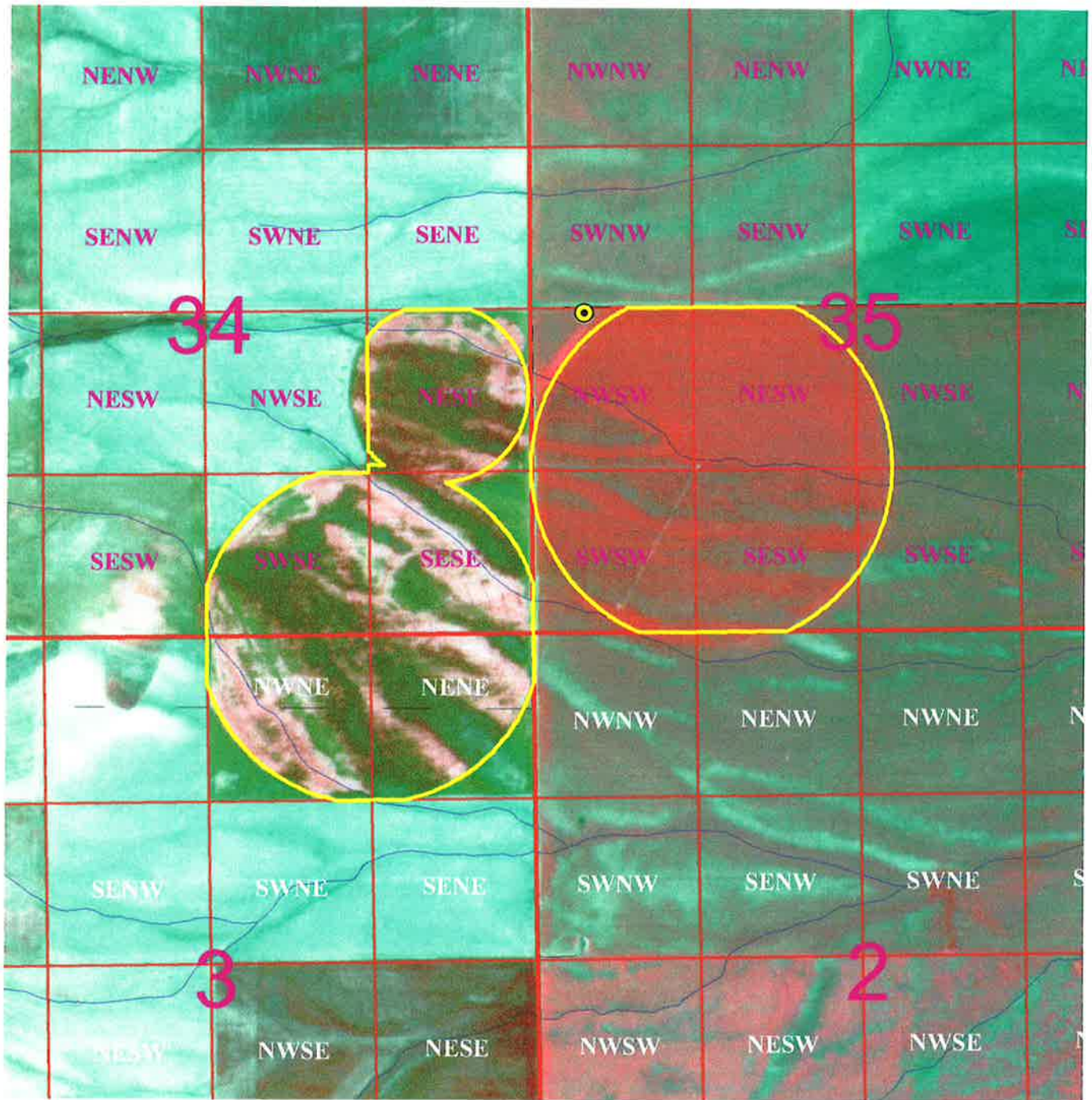
Townships , 11S33E, 12S33E



900 0 900 1800 Feet



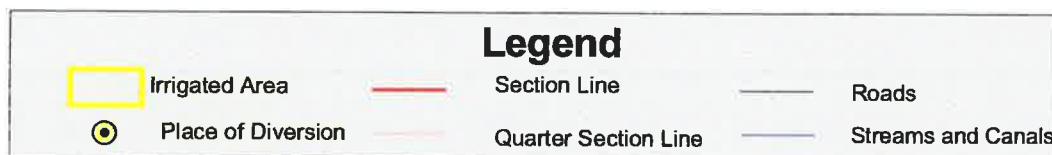
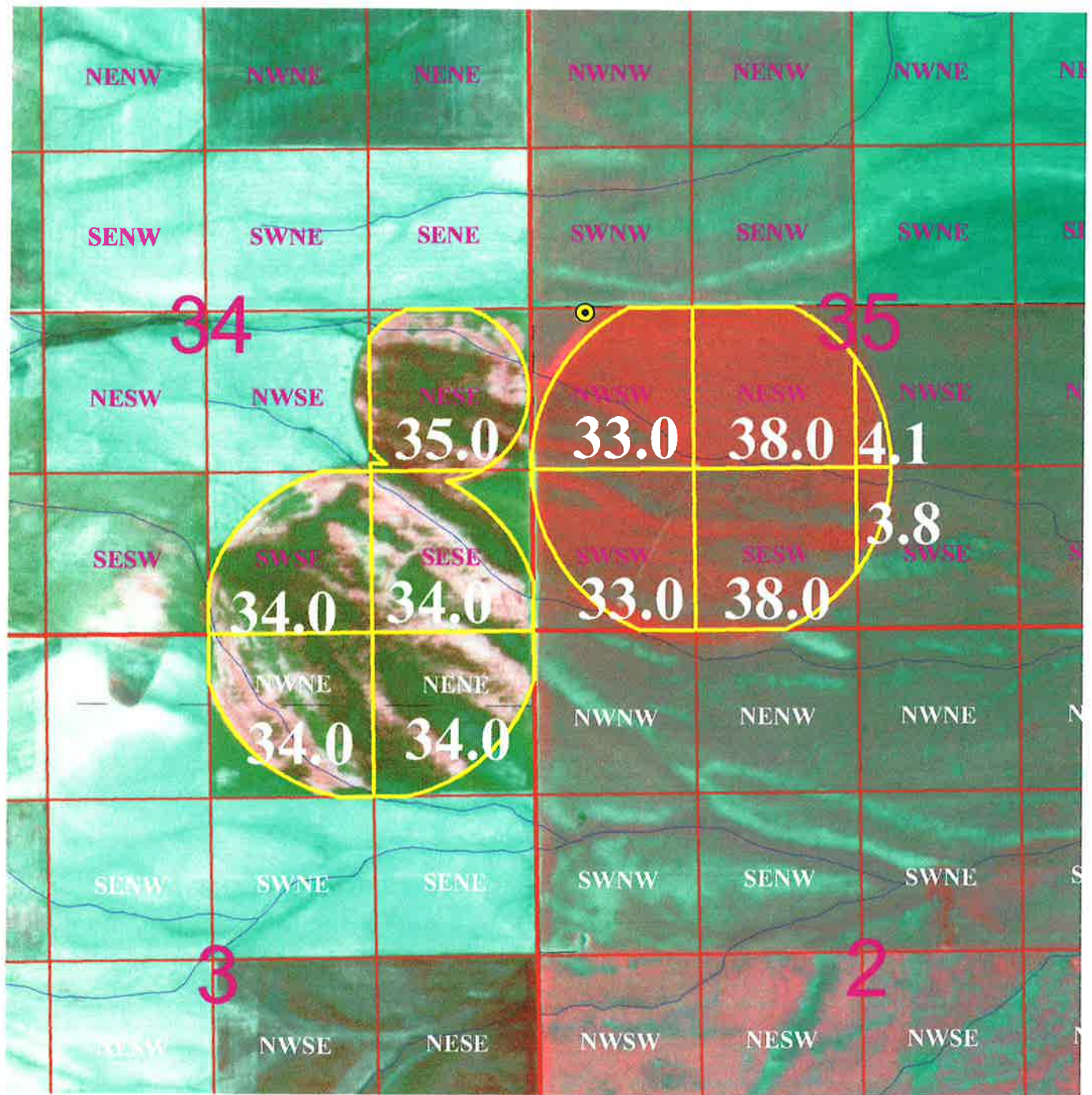
Townships , 11S33E, 12S33E



900 0 900 1800 Feet



Townships , 11S33E, 12S33E



900 0 900 1800 Feet



RECEIVED

MAR 24 2003

WATER RESOURCES
WESTERN REGION

02/18/2003

Paul

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: April 21, 2003

Water right number: 29-7291

WARD & SONS CO INC

5336 ARBON HWY

ARBON ID 83212

Telephone Number: (208) 335-2262

2263 OK Jan

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.

Phone # change

DATE: 2/21/03

SIGNATURE:

Vance E. Ward

Please print your name: VANCE E. WARD

IDWR Regional Office, 900 N Skyline Dr Ste A, Idaho Falls, ID 83402, 2085257161

PROFILED

SCANNED

APR 21 2003

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

FEB 25 2002

Department of Water Resources

CHANGE IN ADDRESS

This form can be used to notify the Department of a change in
address of the owners of record for the listed water rights.
(Please print or type)

[] Water Right Number(s): 29-07291

[] Name(s): THE MUTUAL LIFE INSURANCE CO OF NEW YORK
MONY LIFE INSURANCE CO

[] Old Mailing Address: 5650 MEXICO RD #15
ST. PETERS MO 63376-1696

[] New Mailing Address: 4412 - 74TH ST #F100
LUBBOCK TX 79424

*11-5-03 David L. Brown in same a/c. Updated record 11-5-03.
S.J. Homa*

Telephone Number: (806) 792 - 1073

[] Signature(s) of Owner(s) Bonnie Jurell
Assistant Vice President
(Include your title if on behalf of company or organization)

RECEIVED
APR 21 2006

Date: 2-19-02

PROFILED

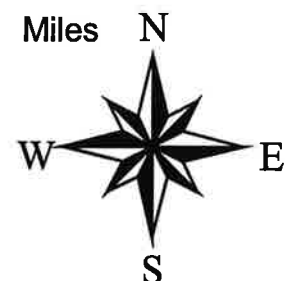


State of Idaho
Department of Water Resources
Eastern Region

Water Right: 29-07291



1:16000



- Point(s) of Diversion
- Place of Use
- Section Lines
- Quarter Quarter Lines

SCANNED
APR 21 2006

PROFILED

GIS Place of Use Illustration
1987/1988 NAPP Photography
Prepared by: P. Meyer
Date: December 2001

MEMORANDUM

To: 29-2458A, 29-7291, 29-7931A
Fr: Bryce Contor
Date: 9/12/2001 *Bryce*
Re: Well Interference

When I did the Adjudication field exams for Mr. Barry Williams, he took me to two wells which he alleges are interfering with the flow of Bannock Creek. He called again today, and I also have received e-mail from Shoshone-Bannock Tribal Water Engineer Elese Teton asking about these wells.

The attached letter is my response to Mr. Williams.

Mr. Williams says the original licensed PD for this right was not a problem but that well is not used any more. Apparently this right has had an accomplished transfer about 1 mile east to the same PD as permit 29-7931A, which is a problem Mr Williams says. Note that PD is claimed as licensed.

BAC 9/12/01
AC000217 IS CLAIMED WELL - PRM 10/26/01

AC000218 IS ACTUAL P/D

PROFILED

SCANNED

APR 21 2006



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

August 30, 2001

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

Barry Williams
1277 Mink Creek Road
Arbon, Idaho 83212

Re: Wells

Dear Mr. Williams:

Enclosed are copies of the water right and claim records for the two wells we looked at Saturday.

29-2458 and 29-7291 are pre-adjudication licenses, and claims 29-2458A and 29-7291 have been filed on these. Permit 29-7931A is a post-adjudication permit, so no adjudication claim is required.

As we discussed on the phone the other day, there are two options for you to address your concerns with these wells. The validity of the claims can be challenged in an objection to the adjudication recommendations, once the directors report is issued. This is likely to be in about a year. The objection process is where you would raise your concerns about possible forfeiture. These claims haven't been investigated yet, so I can't tell you what the recommendations might look like. The protest period for the permit is passed, so there isn't really a way to dispute the validity of that right.

The other option is to seek relief from well interference under "conjunctive management." This is still an evolving process, probably the best way to approach it would be in a letter to the regional manager Ron Carlson. Any kind of ground water right would be subject to conjunctive management.

Please give me a call if you have questions.

Sincerely,

Bryce A. Contor
Senior Water Resource Agent

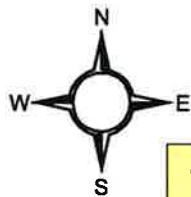
PROFILED

SCANNED
APR 21 2006

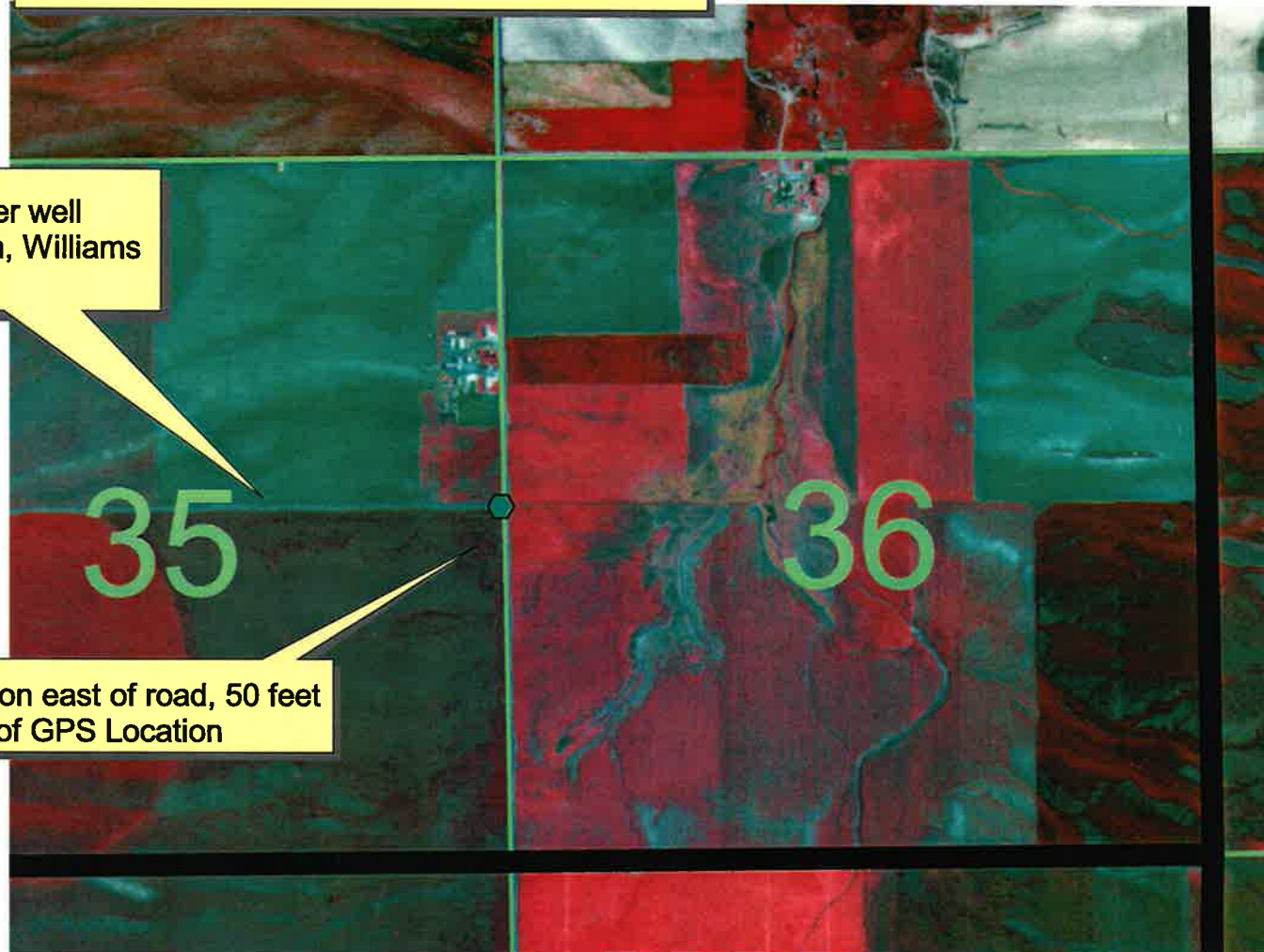
PROFILED

GPS Location of Ward Well
Field Inspection 8/28/2001
B. Contor accompanied by Barry Williams

We could see another well
west of GPS location, Williams
alleges it is unused.



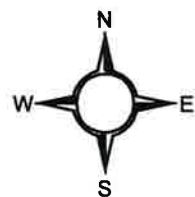
Well on east of road, 50 feet
east of GPS Location



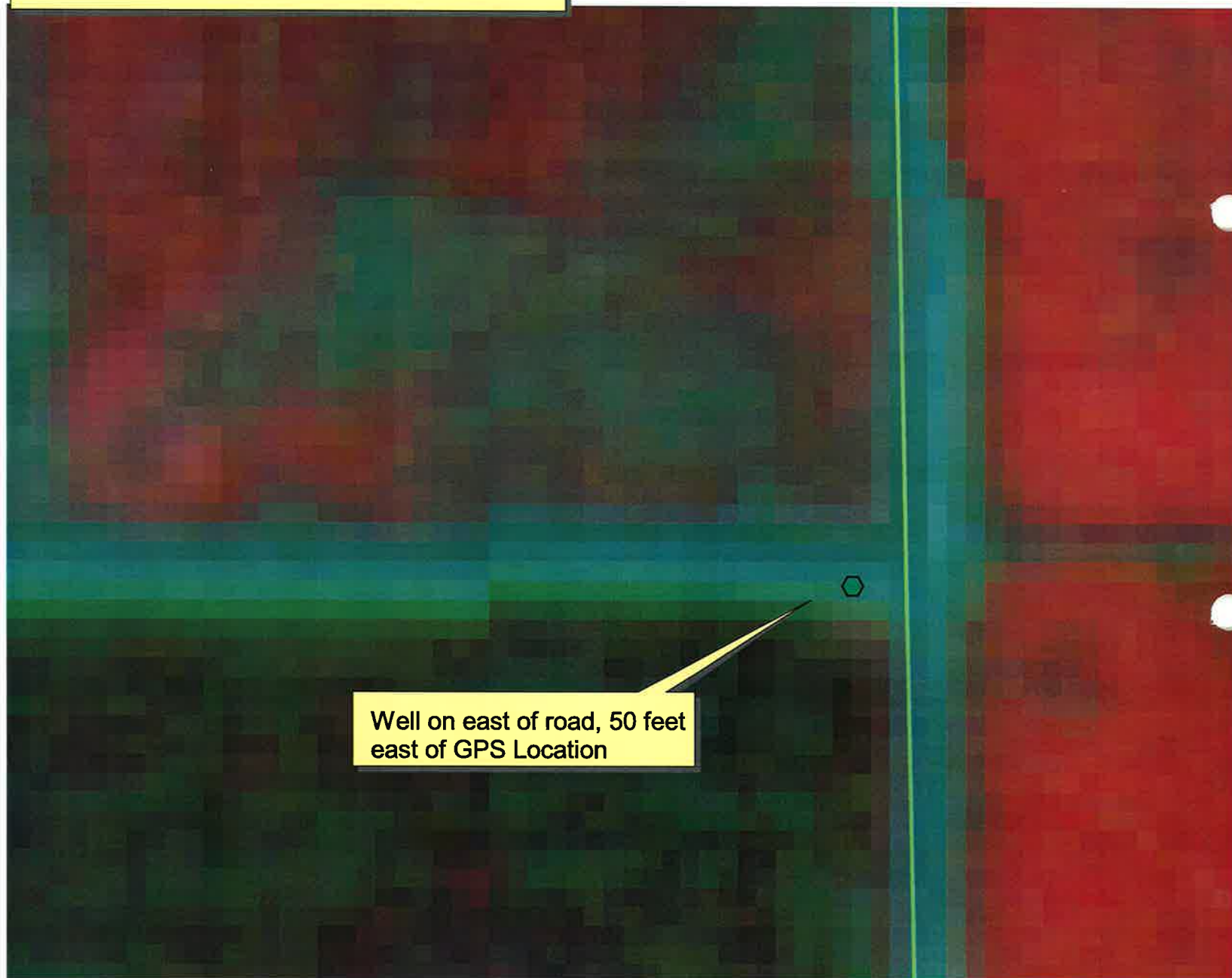
PROFILED

APR 21 2006

SCANNED



GPS Location of Ward Well
Field Inspection 8/28/2001
B. Contor accompanied by Barry Williams



Well on east of road, 50 feet
east of GPS Location

MAY 14 2001

Log for claim A29-07291

Spatial Dynamics AMH

7/18/00

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
11s33e	34	NESE	38	35	
11s33e	34	SWSE	33	34	
11s33e	34	SESE	35	34	
11s33e	35	NESW	37	38	
11s33e	35	NWSW	35	33	
11s33e	35	SWSW	35	33	
11s33e	35	SESW	39	38	
11s33e	35	NWSE	2	4.1	
11s33e	35	SWSE	2	3.8	
12s33e	3	NENE	35	34	
12s33e	3	NWNE	35	34	
Totals:			326	320.9	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRANSFER OF WATER RIGHT
TRANSFER NO. 69458

RECEIVED

FEB 07 2002

Department of Water Resources
Eastern Region

This is to certify that: WARD & SONS CO INC
PO BOX 51
ARBON ID 83212
(208)335-2263

has requested a change to the water right(s) listed below. This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code. The authorized change for each affected water right, including conditions of approval, is shown on the following pages of this document.

Summary of Water Rights Before the Proposed Change

Right	Origin/Basis	Priority	Rate	Volume	Acres	Total	Source
29-7291	AJC/License	10/22/1975	4.53 cfs	1142.8 af	326.5	326.3	GROUND WATER

Purpose of Transfer (Changes Proposed)

Current Number	Split	POD	POU	Add POD	Period of Use	Nature of Use
29-7291	NO	NO	NO	YES	NO	NO

Summary of Water Rights After the Approved Change

Existing Right	New No. (changed portion)	Transfer Rate	Transfer Volume	Acre Limit	Total Acres	New No. (remaining portion)	Remaining Rate	Remaining Volume	Remaining Acre Limit	Remaining Total Acres
29-7291	29-7291	4.53 cfs	1305.2 af	N/A	326.3		N/A	N/A	N/A	N/A
TOTALS		4.53 cfs	1305.2 af	N/A	326.3		N/A	N/A	N/A	N/A

Detailed Water Right Description(s) attached

Dated this 4th day of

February, 2002



Chief, Water Allocation Bureau

WATER RIGHT NO. 29-7291
As Modified by Transfer No. 69458

In accordance with the approval of Transfer No. 69458, Water Right No. 29-7291 is now described as follows.

Right Holder: WARD & SONS CO INC
 5336 ARBON HWY
 ARBON ID 83212

Priority Date: 10/22/1975

Source: GROUND WATER

<u>BENEFICIAL USE</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	03/15 to	11/15	4.53 CFS	1,305.2 AF
			4.53 CFS	1,305.2 AF

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER NWSW Sec. 35 Twp 11S Rge 33E POWER County

GROUND WATER NWNWSW Sec. 35 Twp 11S Rge 33E POWER County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
11S 33E 34									37.0	2.4	34.0	35.0					108.4
11S 33E 35								38.0	33.0	33.0	37.0		4.1	3.8			148.9
12S 33E 3	34.0	35.0															69.0
	L 1	L 2															

Total Acres: 326.3

CONDITIONS OF APPROVAL

1. The total instantaneous diversion of water from all points of diversion under Right 29-7291 shall not exceed 4.53 cfs, nor total combined annual volume of 1305.2 af.
2. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
4. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.

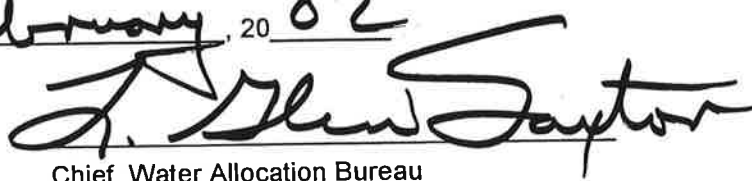
WATER RIGHT NO. 29-7291
As Modified by Transfer No. 69458

CONDITIONS OF APPROVAL

5. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
6. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

This water right is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources.

Dated this 4th day of February, 2002


Chief, Water Allocation Bureau

AJ5809NP
No. A29-07291

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 05/23/00
PAGE: 59

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	WARD & SONS CO INC 5336 ARBON HWY ARBON ID 83212 (208) 335-2263	10/22/1975	IRRIGATION	03-15 11-15	4.530 CFS	1142.80 AFA
					TOTAL DIVERSION: CONSUMPTIVE USE:	4.530 CFS 1142.80 AFA 979.50 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion:

T11S R33E S35

NWNWSW

POWER 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	
11S	33E	34	:															38		33	35	106.0
11S	33E	35	:											37	35	35	39		02	02		150.5
12S	33E	3	:	35		35																70.0
																				TOTAL ACRES		326.5

POU County: POWER

Non-Irrigation Uses: NONE

Other Rights: NONE

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):
29-10457 A29-10457

Remarks: GEN ADDRESS CHANGE FOR LIENHOLDER 7/30/1999 SS.

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number:

Field Inspection Flag:
Presumption Flag:

Audit: 03/09/90 HAUMANN 01/24/94 SHAFF 07/26/94 THOMPSON 03/29/95 POST-STD
07/30/99 SSHERMAN

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 29-07291

Priority: October 22, 1975 Amount: 4.53 CFS 1142.8 AFA

This is to certify, that WARD & SONS CO. INC.

P.O. BOX 51

ARBON, ID 83212

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated October 22, 1975, and has submitted proof to the Department of Water Resources on July 3, 1985, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 4.530 cfs of water from a GROUNDWATER source 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	03/15 to 11/15	4.53 CFS	1142.8 AFA

LOCATION OF POINT OF DIVERSION(S): NWSW , Sec. 35, Township 11S, Range 33E
POWER 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>
11S	33E	34	NESE 38	SWSE 33	SESE 35		106
		35	NESW 37	NWSW 35	SWSW 35		
			SESW 39	NWSE 2	SWSE 2.5		150.5
12S		3	NENE 35	NWNE 35			70

Total number of acres irrigated: 326.5

CONDITIONS/REMARKS:

1. The right to the use of 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.

MICROFILMED

MAR 16 1989

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 29-07291

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 9TH
day of MARCH, 1989.

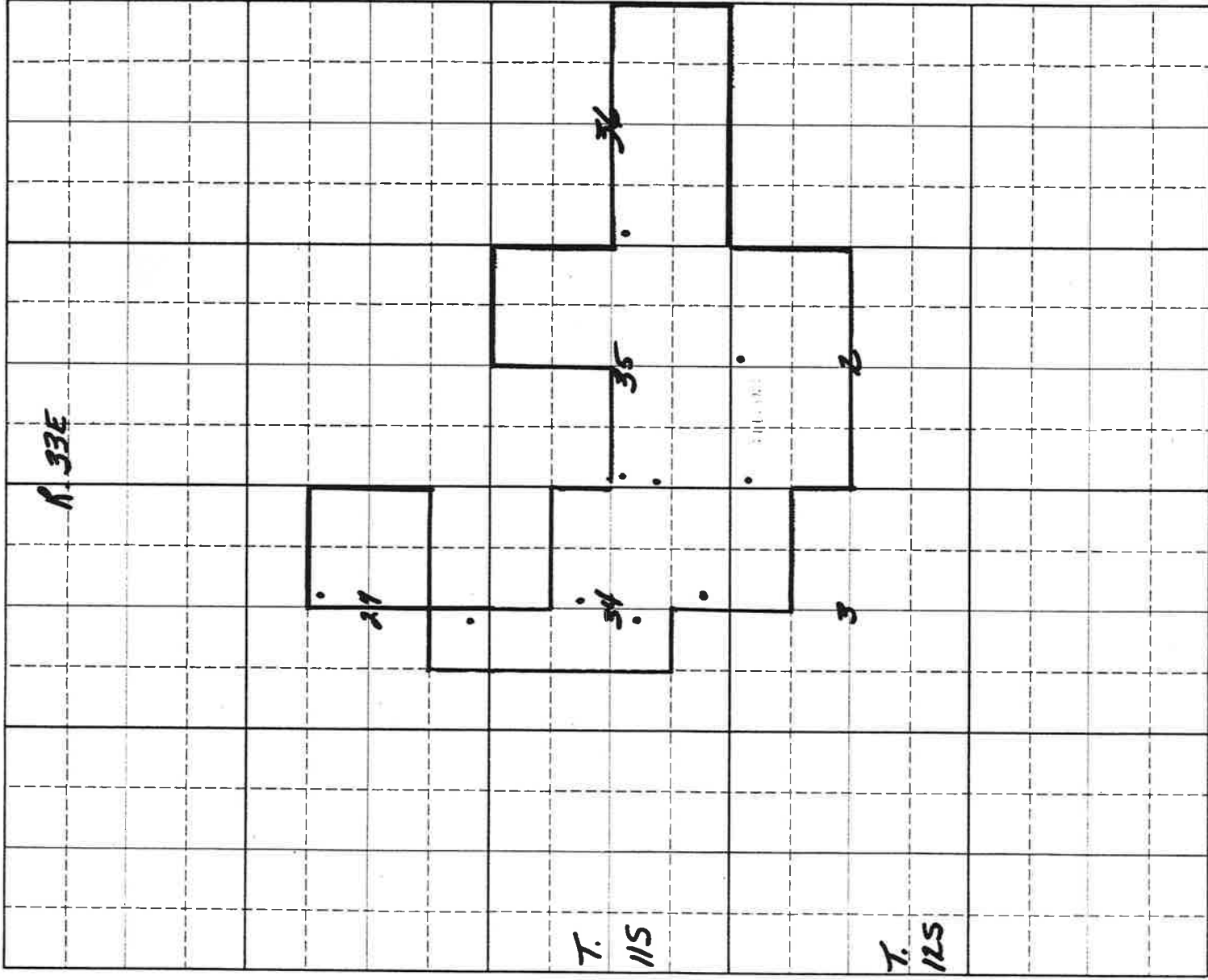
Acting for the Director

Norman Young

RECORDED

MAR 16 1989

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.

Harold E. Ward
(Applicant) Vice President

Identification No. 29 7291

Application No. _____

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

APPROVED

APPLICATION FOR PERMIT

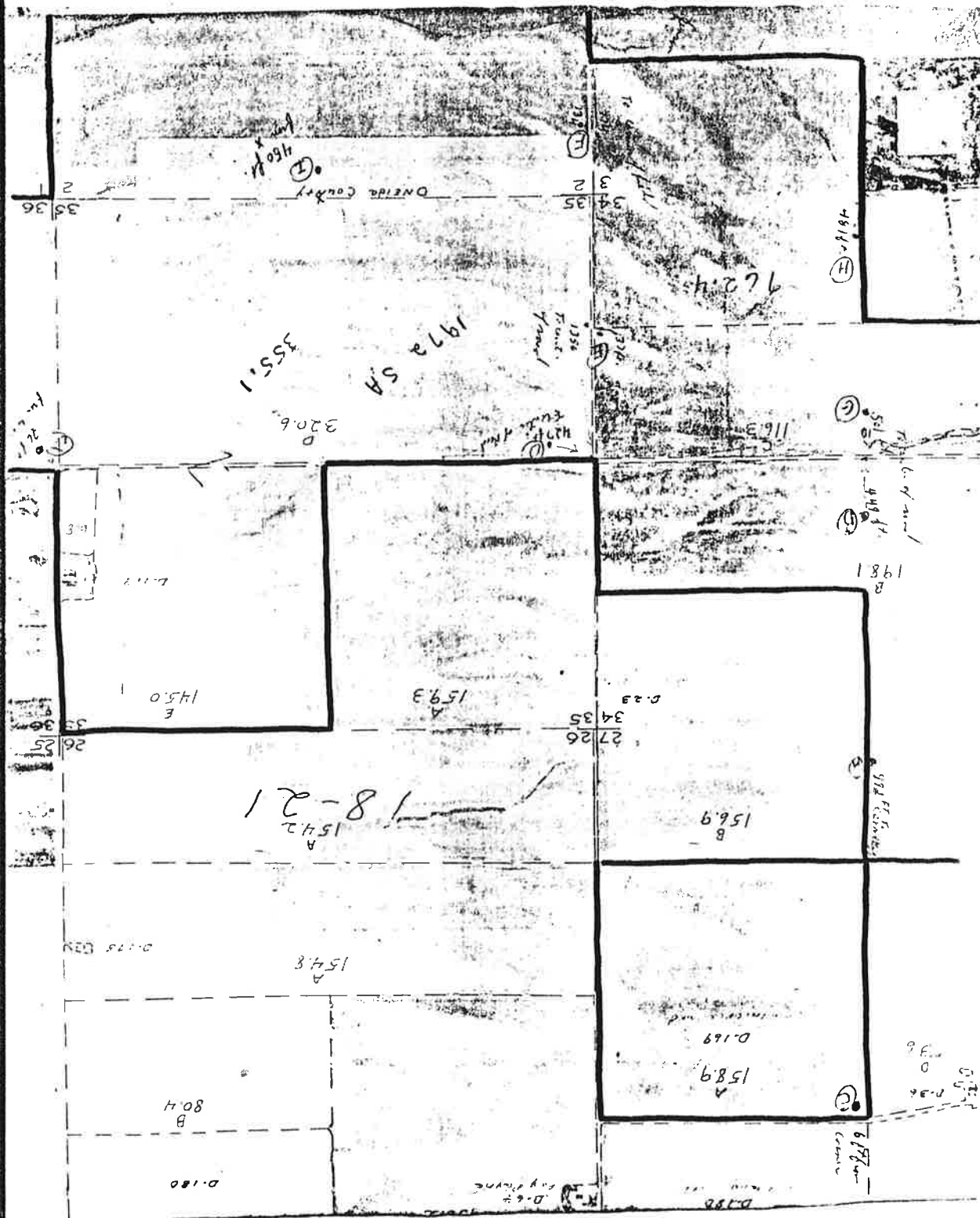
To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant Ward & Sons Co., Inc. Phone: 355-2263
post office address Arbon, Idaho 83212
2. Source of water supply ground water which is a tributary of _____
3. a. Location of point of diversion is SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 27 Township 11S
Range 33E B.M. Power County; additional points of diversion if any: _____
SESW, Sec. 27, SWNE, NESW, SWSE, Sec. 34, 2 points NWSW, Sec. 35, NWSW, Sec. 36,
T. 11S, R. 33E, Power County; NWNE, NWNW, Sec. 2, T. 12S, R. 33E, Oneida County
- b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 35.2 for Irrigation purpose from Apr. 1 to Nov. 1 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 35.2 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Wells, pumps, mainlines, circular
and wheel moves

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ (Mo. Day) to _____ (Mo. Day) inclusive.
c. Proposed well diameter is 16 inches; proposed depth of well is 350 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ 300,000.
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: _____ hp 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: _____

RECEIVED



Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Annubar				191148	10.02"	
Cox/Hall meter				120385	9"	
Manometer					57"	

2. Measurements:

Mainline I.d. = 9.75"

Cox/manometer reading = 9.5"

Annubar/manometer reading = 6"

main line pressure = 70 psi

Motor runs at 18 r.p.m.'s when all 3 pivots are running.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method: 4.53

Total ϕ = ~~4.49~~ C.F.S.

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP: (3) x (4) $\div$ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{(326.5)(3.5)}{4.53} = 1,142.75$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{(4.49)(245)(1.9835)}{4.53} = 2,184.95$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1,142.75$

2. Volume Calculations for Other Uses:

N.A.

MICROFILMED

MAR 16 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

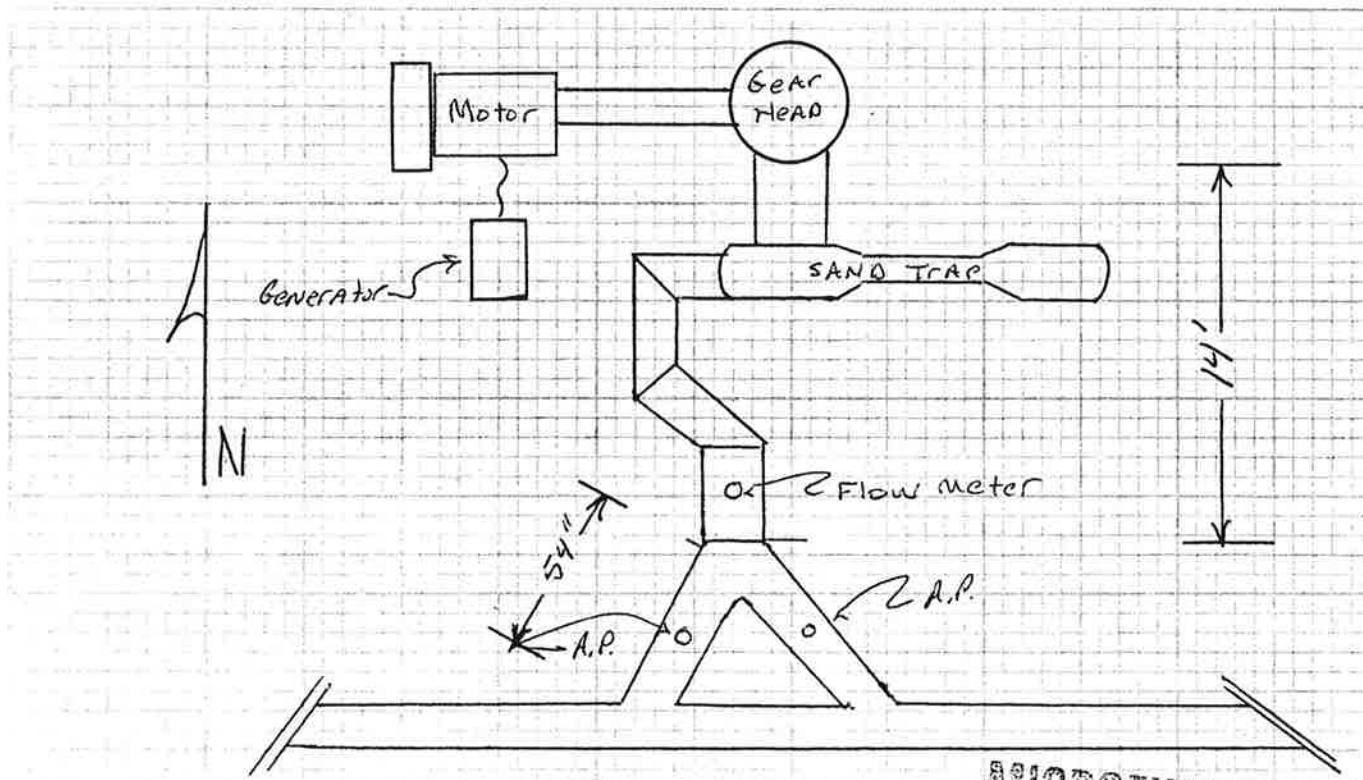
1. Owner: Ward & Sons Co., Inc. Permit No. 29-7291
Current Address: Arbon, Idaho 83212 Phone No. 335-2263
2. Accompanied by: Vance Ward EXAM. DATE: 7-10-87
Address: Box 51, Arbon Idaho Phone No. 335-2263
Relationship to Permit Holder: Son
3. Source: Groundwater tributary to

B. OVERLAP REVIEW

1. Other water rights with same place of use: N.A.
☐ Copies Attached
2. Other water rights with same point of diversion: N.A.
☐ 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



Scale: 1" = 10'

- ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).
- ☒ Aerial Photo Attached **MAR 16 1989**
(required for irrigation of 10 acres or more).

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT29-7291
Permit No.**Measurement Calculations**

Field Measurement Calculations (Include theoretical capacities and system capacity)

$$\text{Halls Meter: } Q = (A)(V_h) \quad A = \text{Area} = \frac{\pi d^2}{4} \quad V_h = \text{Halls Manometer Reading}$$

$$Q_{\text{gpm}} = (A)(V_h) = \left[\frac{\pi d^2}{4} \right] (V_h) = \text{GPM} \div 448.8 \text{ gpm/cfs} = \text{CFS}$$

$$Q_{\text{cfs}} = \left[\frac{(3.1416)(9.75)^2}{4} \right] \times (.15) \div 448.8 = 2.49 \text{ cfs}$$

TABLE 1

CHART TO CONVERT LINEAR INCHES DIFFERENTIAL
IN THE MANOMETER TO MANOMETER READING

$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water	$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water	$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water
1	.140	17	12.435	33	43.950
1.5	.240	17.5	13.132	33.5	45.200
2	.350	18	13.848	34	46.500
2.5	.470	18.5	14.582	34.5	47.850
3	.600	19	15.336	35	49.200
3.5	.750	19.5	16.108	35.5	50.550
4	.903	20	16.898	36	51.900
4.5	1.080	20.5	17.707	36.5	53.250
5	1.283	21	18.534	37	54.600
5.5	1.540	21.5	19.380	37.5	56.000
6	1.803	22	20.246	38	57.35
6.5	2.094	22.5	21.129	38.5	58.7
7	2.397	23	22.031	39	60.05
7.5	2.722	23.5	22.951	39.5	61.4
8	3.066	24	23.891	40	62.75
8.5	3.428	24.5	24.849	40.5	64.1
9	3.810	25	25.825	41	65.45
9.5	4.210	25.5	26.820	41.5	66.8
10	4.627	26	27.834	42	68.15
10.5	5.063	26.5	28.866	42.5	69.5
11	5.520	27	29.917	43	70.85
11.5	5.994	27.5	30.987	43.5	72.2
12	6.486	28	32.075	44	73.55
12.5	6.997	28.5	33.181	44.5	74.9
13	7.526	29	34.307	45	76.25
13.5	8.074	29.5	35.681	45.5	77.6
14	8.642	30	36.880	46	78.95
14.5	9.228	30.5	37.750	46.5	80.3
15	9.832	31	38.960	47	81.65
15.5	10.454	31.5	40.200	47.5	83.00
16	11.096	32	41.450	48	84.35
16.5	11.756	32.5	42.800		

2.04
Total capacity = 2.49 + 2.04 = 4.53
4.53 cfs
 $Q = 4.53 \text{ c.f.s.}$

Annubar:

B = Difference in inches of water

C = Annubar Factor: Model 75 = 3.85
Model 73 = 4.14

K = Flow Correction Factor

= 1 for Manometer

= # From Calibration Chart

C=Correction Factor

$$Q_{\text{cfs}} = \left[\frac{(C)(id)^2 \sqrt{B}}{448.8} \right] K = \text{CFS}$$

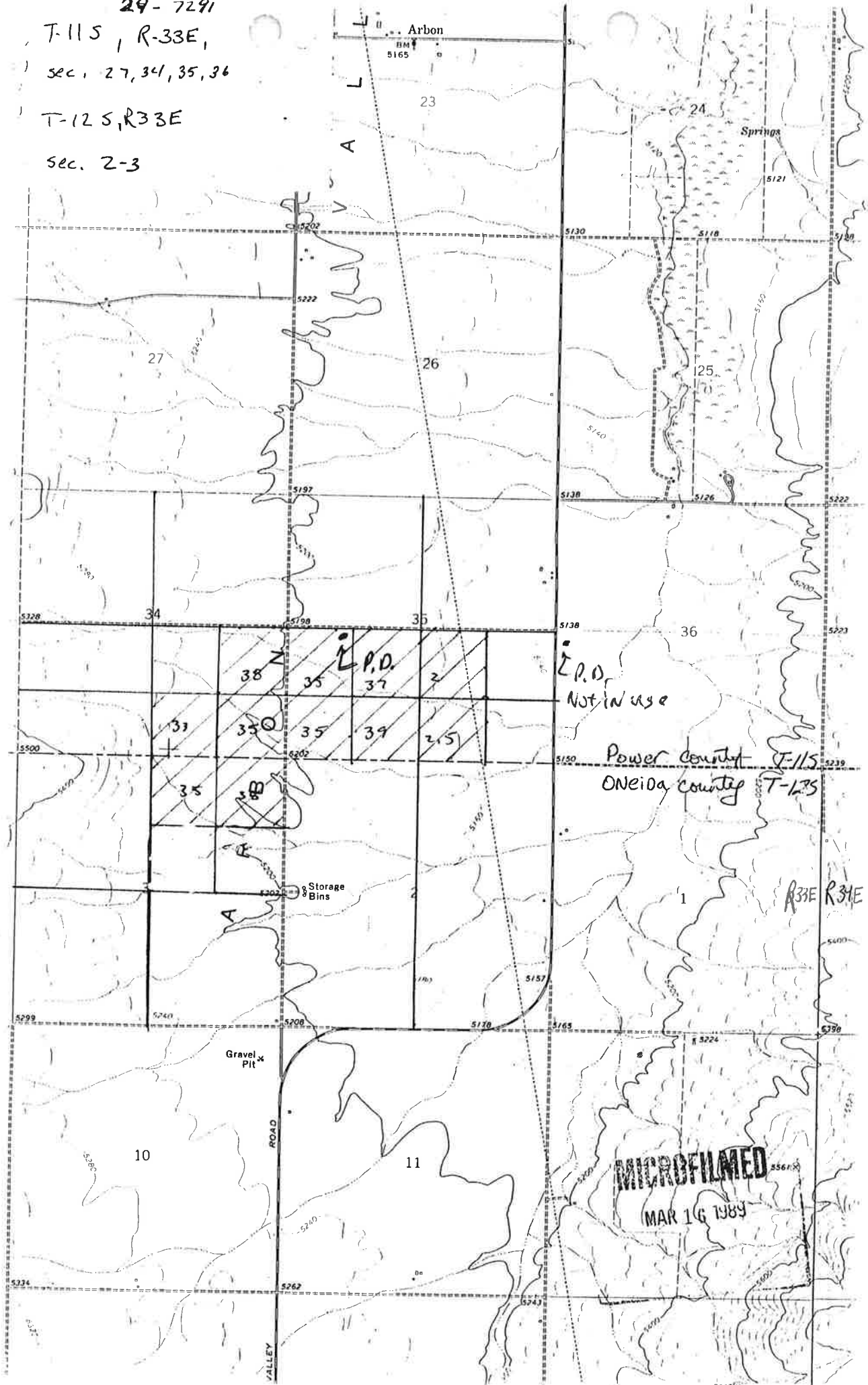
$$Q_{\text{cfs}} = \left[\frac{(3.94)(9.75)^2 \sqrt{6}}{448.8} \right] (3.85) = 2.04$$

$$Q_{\text{cfs}} = \frac{2.04}{2.00} \text{ cfs}$$

MICROFILMED

6"	3.75
8"	3.87
10"	3.94
12"	3.99
14"/16"	4.01
18"/24"	4.02
30"	4.03

29-7291
 T-11S, R-33E,
 sec. 27, 34, 35, 36
 T-12S, R-33E
 sec. 2-3





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

RECEIVED

JUL 16 1999

Department of Water Resources

per Don Shaff

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

July 7, 1999

~~MONY Life Insurance Company f/k/a~~

THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK
ATTN DAVID M BROWN SR COUNSEL
5650 MEXICO RD #15
SAINT PETERS MO 63376-1696

(no NCAPs for Lienholders)

RECEIVED

JUL 12 1999

Re: Snake River Basin Adjudication (SRBA)

Water Rights - Please See Attached List

Change of Address

records changed

☐ JM	☐ DMB	☐ ROUTE
☐ DLB	☐ SS	☐ DOC. FILE
☐ SD	☐ JT	☐ FILE

Dear Water Right Holder:

NEED prepared by 7-20-99

IDWR has been notified the address presently in our records is incorrect. Although we have reached you at the address above, we need your written confirmation this is your correct mailing address before we can change our records. Future notices related to your water rights can be sent only to the address on your water rights or as otherwise changed by you.

Please sign your name at the bottom of this letter and return it to this office. Make corrections to your name and address if necessary and list any other water rights you may have before returning this letter by July 26, 1999. Thank you for your help.

If your mail delivery address changes in any form, please contact us in writing so we can update our records.

If there has been a change in ownership of the property connected with the water right referenced above, please write down the name and address of the new owner(s) so we can send them a form to make this required change to the water right record.

Sincerely,

Sally

Sally Sherman
Technical Records Specialist
Adjudication Bureau

SS:region

#####

The address is correct as shown above or as otherwise changed.

David M. Brown

Claimant Signature

(636) 447-5600 (Ext. #6)

Telephone No.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

January 27, 1994

RECEIVED
JAN 31 1994

David M. Brown
Senior Counsel
MONY Agricultural Investment
One Mid Rivers Dr., Ste. 120
St. Peters, MO 63376

Department of Water Resources
Eastern District Office

RE: Snake River Basin Adjudication (SRBA)
Power County - Notice of Claim to a Water Right #A29-07291
Ward & Sons Co.

Dear Mr. Brown:

The changes you requested in your January 5, 1994, letter have been made, and I have enclosed a report for your file reflecting same. The right referenced as Exhibit B in your letter is the only record changed.

The other rights held by Ward & Sons Co. are for domestic and stock (see listing of rights enclosed). These rights may be on the same property as A29-07291, but were not changed.

Please contact me if you have further questions or concerns.

Sincerely,

Donald V. Shaff
Manager, Adjudication Section

DVS:sf:region

Enclosures:

Proof Reading Report for A29-07291
Listing of D&S Rights for Ward & Sons Co.
One Date-Stamped Copy of Your Exhibits A & B

MICROFILMED

APR 12 1994



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

Ward & Sons Inc
Box 51
Arbon ID 83212

MAILING DATE: *Jun 7, 1994*

RESPONSE DATE: *Jan 24, 1994*

RE: NOTICE OF CLAIM NO[S]: *A29-10041*

Dear Claimant(s):

We are currently preparing the Notice(s) of Claim referenced above for the Director's Report in the Snake River Basin Adjudication. Our research indicates there may have been a change in either the ownership or address for the above claim(s). IDWR records currently show the following name and address for the owner of the claim(s) listed above:

Allard-Buyot-Shotwell Co
546 Grandview Dr N
June Falls ID 83301

If our current records, as listed above, are not correct please complete the enclosed Change in Ownership or Change of Address form, as appropriate, to correct our records.

Your response must be received in this office by the **Response Date** indicated above. If no response is received from you, all further legal notices concerning the claim(s) will be sent to the name and address shown above. If you have claims other than those referenced here, please contact the Department so we may assist you in updating the information for all your claims. Should you have any questions, or feel that you need assistance, please contact IDWR at 1-800-451-4129.

Sincerely,

Donald V. Shaff
Manager Adjudication Section

state:region

Enclosures:

Change of Ownership Form
Change of Address Form

MICROFILMED

APR 12 1994

David M. Brown
Senior Counsel
MONY Agricultural Investment

mutual Of New York
One Mid Rivers Drive, Suite 120
St. Peters, Missouri 63376
314 278-5555
Telecopier - 314 278-6763



January 5, 1994

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

RECEIVED

JAN 20 1994

Department of Water Resources

Idaho Department of Water Resources
1301 North Orchard St.
Statehouse Mail
Boise, ID 83720

456
A29-10457
9
465
464

**Re: MONY Loan No. 12058
Ward and Sons, Inc.
Water Rights - Lienholder's Interest**

Gentlemen:

The Mutual Life Insurance Company of New York (MONY) has closed a loan transaction with Ward and Sons, Inc. In connection with said loan transaction, MONY has mortgaged certain real estate owned by Ward and Sons, Inc., and taken a security interest in the water rights appurtenant to and used in connection with said real property.

It is my understanding that State of Idaho Department of Water Resources now has all water rights on a computer system and that a notice of MONY's security interest will be entered into that system. For your use, I now enclose duplicate copies of the legal descriptions for the real property encumbered by MONY's mortgage and the water rights appurtenant thereto. It is my understanding that one copy will be dated the day that you receive it and returned to me to acknowledge receipt, and that the second copy will be retained by your department for your file.

The lienholder's name and address to be registered in you system and used for all required notifications and correspondence is as follows:

The Mutual Life Insurance Company of New York
One Mid Rivers Mall Drive
Suite 120
St. Peters, MO 63376

Copy to:
The Mutual Life Insurance Company of New York
1740 Broadway
New York, NY 10019

MICROFILMED

APR 12 1994

Idaho Department of Water Resources

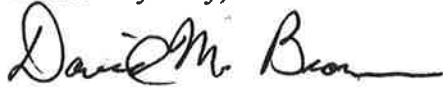
January 5, 1994

Page 2 of 2 Pages

not enclosed → Upon receipt of this letter I request that you return one copy of the legal description and appurtenant water rights with your date stamp attached in the enclosed self-addressed, stamped envelope, for our records. If there is anything further you require to register MONY's lienholder's interest in these water rights please contact me at your earliest convenience.

Thank you for your cooperation and assistance in this regard.

Yours very truly,



David M. Brown
Senior Counsel
MONY Agricultural Investment

Enclosures

MICROFILMED

APR 12 1994

JAN 20 1994

Department of Water Resources

EXHIBIT A

PARCEL 1: TOWNSHIP 10 SOUTH, RANGE 33 EAST, BOISE MERIDIAN, POWER COUNTY, IDAHO.

SECTION 32: S $\frac{1}{2}$ NE $\frac{1}{4}$; SE $\frac{1}{4}$.

SECTION 33: W $\frac{1}{2}$ SW $\frac{1}{4}$.

TOWNSHIP 11 SOUTH, RANGE 34 EAST, BOISE MERIDIAN, POWER COUNTY IDAHO.

SECTION 30: E $\frac{1}{2}$ NW $\frac{1}{4}$; E $\frac{1}{2}$ SW $\frac{1}{4}$; W $\frac{1}{2}$ NE $\frac{1}{4}$; W $\frac{1}{2}$ SE $\frac{1}{4}$

SECTION 31: E $\frac{1}{2}$ NW $\frac{1}{4}$; LOTS 1 AND 2.

TOWNSHIP 11 SOUTH, RANGE 33 EAST BOISE MERIDIAN, POWER COUNTY, IDAHO.

SECTION 27: S $\frac{1}{2}$ NE $\frac{1}{4}$; N $\frac{1}{2}$ SE $\frac{1}{4}$; SE $\frac{1}{4}$ SW $\frac{1}{4}$.

SECTION 34: E $\frac{1}{2}$ NW $\frac{1}{4}$; S $\frac{1}{2}$ NE $\frac{1}{4}$; NE $\frac{1}{4}$ SW $\frac{1}{4}$; SE $\frac{1}{4}$.

SECTION 35: S $\frac{1}{2}$

PARCEL 2:

TOWNSHIP 11 SOUTH, RANGE 33 EAST BOISE MERIDIAN, POWER COUNTY, IDAHO.

SECTION 36: S $\frac{1}{2}$.

PARCEL 1:

Township 12 South, Range 33 East, Boise Meridian: ONEIDA COUNTY, IDAHO

Section 2: N $\frac{1}{2}$ N $\frac{1}{4}$; Commencing the Southwest Corner of the NW $\frac{1}{4}$ of Section 2; thence running North 80 rods; thence East 320 rods; thence South 40 rods; thence West 120 rods; thence South 40 rods; thence West 200 rods to the place of beginning. T-3293, T-3294 and T-122

Section 3: N $\frac{1}{2}$ NE $\frac{1}{4}$

PARCEL 2

Township 12 South, Range 33 East, Boise Meridian: ONEIDA COUNTY, IDAHO

Section 23: W $\frac{1}{2}$ NE $\frac{1}{4}$

Section 26: NE $\frac{1}{4}$

MICROFILMED

APR 12 1994

RECEIVED
JAN 20 1994
Department of Water Resources

Loan No. 12058

EXHIBIT B

WATER LICENSE NO. 29-07291 FOR 4.53 CFS WITH A PRIORITY DATE OF 10/22/75

MICROFILMED
APR 12 1994

MAY 14 2001

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

RECEIVED

Ident. Number: A29-07291
Date Received: 3/09/1990
Receipt No: 6012380
Received By: AB

MAR 15 1990

Department of Water Resources
Eastern District Office

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: WARD & SONS CO. INC.
Address: 5336 ARBON HIGHWAY
ARBON, ID

208-335-2263

83212

2. Date of Priority: OCT 22, 1975

3. Source: GROUNDWATER

Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
11S	33E	35	NW	NW	SW		POWER

5. Description of diverting works:

WELL, 710' DEEP, 20" CASING, 400HP DIESEL ENGINE PIPED TO SPRINKLER SY

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	4.530		1142.80

7. Total Quantity Appropriated is:

4.530 C.F.S. (and/or) 1142.80 A.F.A.

8. Total consumptive use is

979.5 Acre Feet Per Annum.

9. Non-irrigation uses:

NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
11S	33E	34	NE	SE		IRR	38.0
			SW	SE		IRR	33.0
			SE	SE		IRR	35.0

Section Acres 106.0

A29-07291

Page 1

Date: 03/09/90

MICROFILMED

NOV 13 1992

A2907291



10. Place of Use: Continued

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
11S	33E	35	NE		SW		IRR	37.0
			NW		SW		IRR	35.0
			SW		SW		IRR	35.0
			SE		SW		IRR	39.0
			NW		SE		IRR	2.0
			SW		SE		IRR	2.5
							Section Acres	150.5
12S	33E	3	NE		NE		IRR	35.0
			NW		NE		IRR	35.0
							Section Acres	70.0
							Total Acres	326.5

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:

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: 0

For Organizations:

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

Vance E. Ward
Signature of Authorized Agent

Pres. Word & Sons Co. Inc.
Title and Organization

3/9/90
Date

State of Idaho)
County of Power) SS.

Subscribed and sworn (or affirmed) before me this 9th day
of March 19 90

Anna Baumhoff
Notary Public

Seal

Residing at Anna Baumhoff, Notary Public

My Commission Expires Residing at Boise, Idaho
My Commission Expires December 7, 1994

Water Right Number - A29-07291

Prefix Translation: ADJUDICATION CLAIM

Old (D) Number -

+ - - - - Last Name - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***
WARD & SONS CO INC1 - 5336 ARBON HWY
2 -
3 -City- ARBON
Phone - 208-335-2263

State- ID Zip- 83212

*** L - LEINHOLDER ***

MUTUAL LIFE INSURANCE CO OF NEW YORK THE

1 - ATTN DAVID M BROWN SR COUNSEL
2 - 5650 MEXICO RD #15
3 -City- ST PETERS
Phone - 636-447-5600

State- MO Zip- 633761696

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - - +
10/22/1975 15 EASTERN L - LICENSE+ - - - - Source - - - - - + + - - - - - Tributary - - - - - +
GROUNDWATER+ - - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County
11S 33E 35 NW NW SW (77) POWER+ - - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 03/15 11/15 4.530 1142.80+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
4.530 1142.80 979.5+ - - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
11S 33E 34 NE SE 38.0 01 IRRIGATION (77) POWER
11S 33E 34 SW SE 33.0 01 IRRIGATION (77) POWER
11S 33E 34 SE SE 35.0 01 IRRIGATION (77) POWER
11S 33E 35 NE SW 37.0 01 IRRIGATION (77) POWER
11S 33E 35 NW SW 35.0 01 IRRIGATION (77) POWER
11S 33E 35 SW SW 35.0 01 IRRIGATION (77) POWER
11S 33E 35 SE SW 39.0 01 IRRIGATION (77) POWER
11S 33E 35 NW SE 2.0 01 IRRIGATION (77) POWER
11S 33E 35 SW SE 2.5 01 IRRIGATION (77) POWER
12S 33E 3 NE NE 35.0 01 IRRIGATION (77) POWER
12S 33E 3 NW NE 35.0 01 IRRIGATION (77) POWER

Total Acres: 326.5

+ - - Diversion Means - WELL, 710' DEEP, 20" CASING, 400HP DIESEL ENGINE PIPED TO SPRINKLER SY

Prefix Translation: ADJUDICATION CLAIM

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	-	03/15/1990	Last Amended Date	-	00/00/0000	Temporary Right	-	P
			Receipt Number	-	E012380	Water District	-	
			POU Ownership Flag	-	Y	Federal/State Indicator	-	S
			Name Connector	-		Presumption Flag	-	
						Notice of Error Flag	-	

AJ5811NP
SELECTION FILE: SS-MONY

IDAHO DEPARTMENT OF WATER RESOURCES
SELECTION FILE CONTENTS

DATE: 07/30/99
TIME: 10:01:49
PAGE: 1

35-07786	35-07810	35-07967	36-00480E	36-02092	36-02097	36-02259	36-07157B	36-10515	36-10516
36-10517	37-10600	37-10602	47-14363	A29-07291	A36-02671	A37-00208A	A37-07393	A37-07408	A37-10597
A45-07290	A47-02550	R36-07367D	R36-07381D	R36-07445D	R37-00208A	R37-07242	R37-08005B	R37-08005C	R37-10597
R47-13605	X36-02671D	X36-07480E	A47-00129	A47-00130	A47-00131	A47-00132	A47-02137	A47-02257	A47-02468
A47-02478	A47-02502	A47-02548	A47-02550						

TOTAL RECORDS IN SELECTION FILE: 44

115 R33E

MICROFILMED

NOV 13 1992

