

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: E012380
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

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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

(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.

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AJ0743NP
(00-124)

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

07/30/99 09:08:00
Page 1

Water Right Number - A29-07291

Prefix Translation: ADJUDICATION CLAIM

Old (D) Number -

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

*** C - CURRENT OWNER ***
WARD & SONS CO INC

1 - 5336 ARBON HWY
2 -
3 -
City- ARBON State- ID Zip- 83212
Phone - 208-335-2263

*** 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 State- MO Zip- 633761696
Phone - 636-447-5600

+ - - 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

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

Prefix Translation: ADJUDICATION CLAIM

-----+-----Remarks-----+-----

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

+ - - - - - Conditions of Approval - - - - - +

+ - - - Decree Plaintiff - - - +	+ - - - Decree Defendant - - - +	+ - Decree Date - +
----------------------------------	----------------------------------	---------------------

[illegible]

07/30/99 SSHERMAN

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

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

27

P.D.

	38	35	37	2
33	35	35	39	25
35	35			

Q

NOV 13 1992

T S REF

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	

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:	4.530 CFS
					CONSUMPTIVE USE:	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			106.0
11S	33E	35	:											37	35	35	39			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>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.

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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 C. Young

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MAR 10 1989

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: _____
SBSW, 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 _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
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: _____

11-10-60-11111

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

TWP.	RANGE	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	
11S	33E	27			40	40								40	40	40			200
		34			40	40	40			40	40				40	40	40	40	360
		35	40	40	40	40					40	40	40	40	40	40	40	40	480
		36									40	40	40	40	40	40	40	40	320
12S	33E	2	40	40	40	40	40	40	40	40									320
		3	40	40															80

Total number of acres to be irrigated 1760

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

None

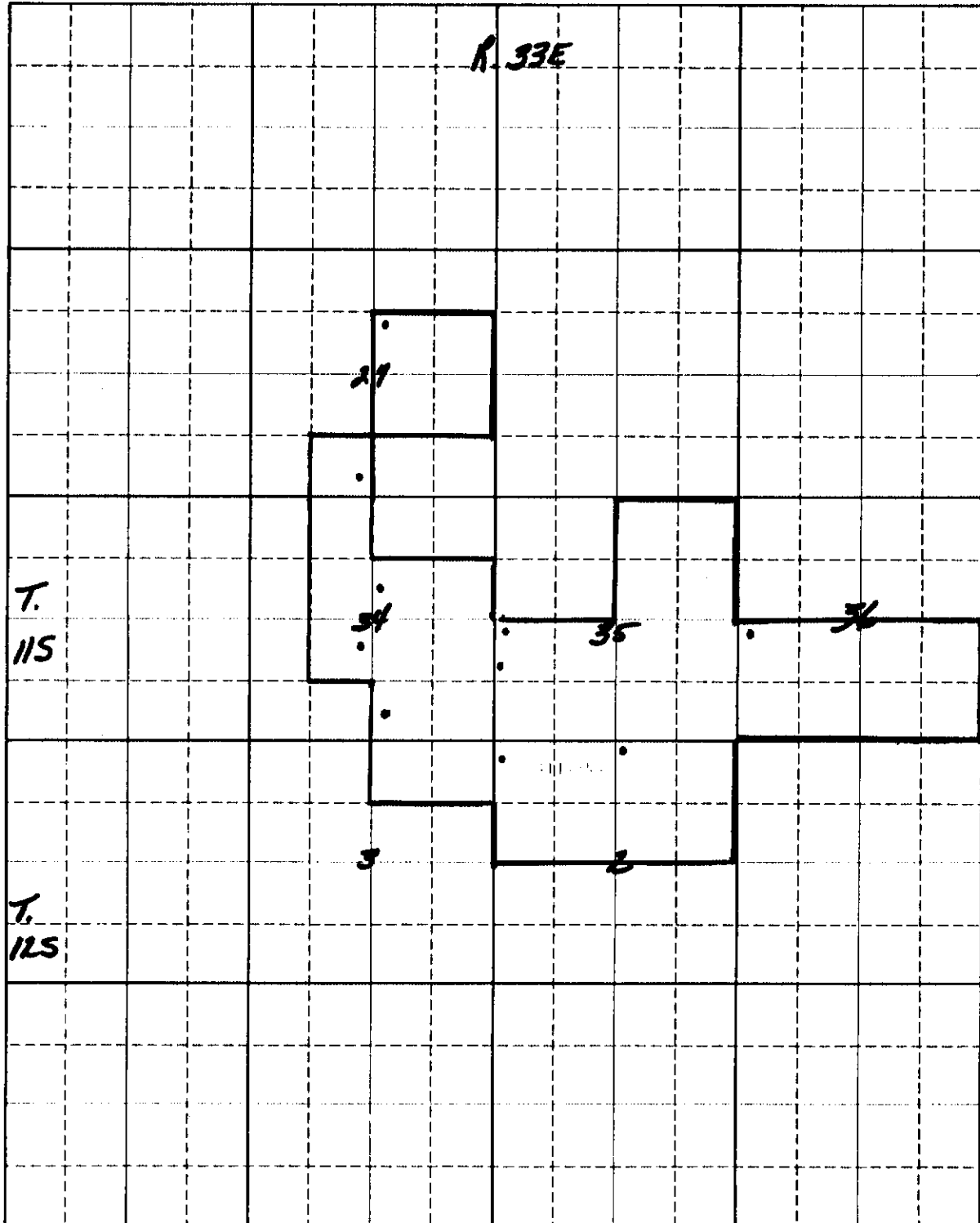
9. a. Who owns the property at the point of diversion Applicant

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

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

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.

Vance E. Ward
(Applicant)
Vice President

Proposed Priority 10-22-1975

Received by CW Date 10-22-75 Time 3:25 p.
Preliminary check by CW Fee \$300.00 #15452 DA-8 Refund for \$5.00
Receipted by me Date 10-22-75 overpayment requested
Publication prepared by CW Date 10-24-75 10-27-75 CW
Published in Idaho Enterprise & Pioneer County Press
Publication dates Oct. 30 & Nov. 6, 1975
Publication approved CW Date 11-13-75
Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by PC H

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

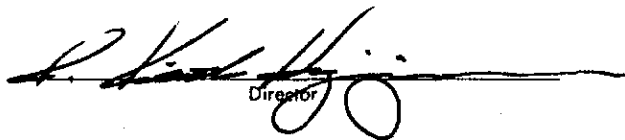
This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 29-7291, and said application is hereby APPROVED.

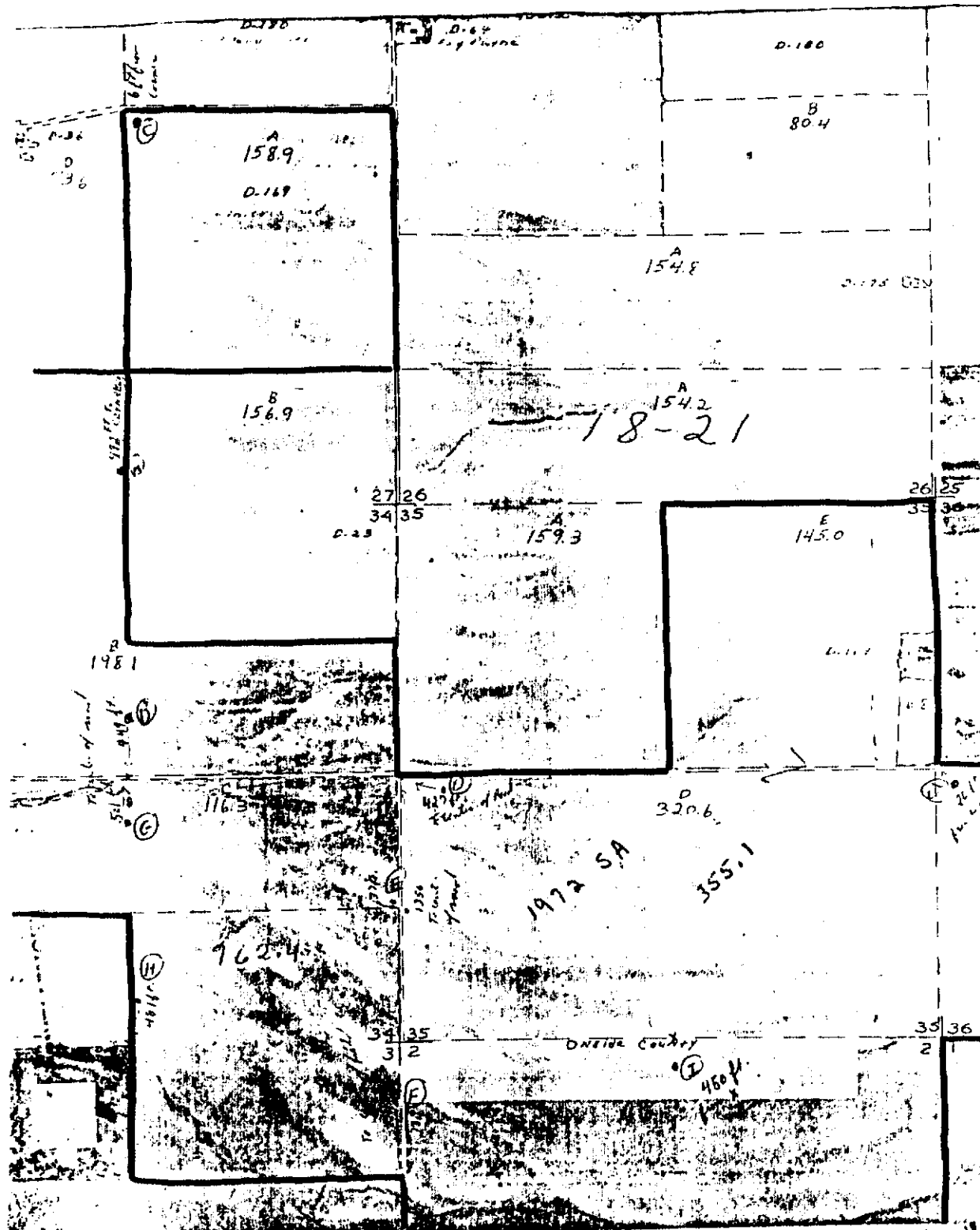
1. Approval of said application is subject to the following limitations and conditions:

- 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 November 1, 1980.
- c. Other: A measuring device of a type approved by the Director shall be permanently installed and maintained as part of the diverting works.

2. Denial of said application is for the following reasons: _____

Witness my hand this 25 day of November 19 75.


Director



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

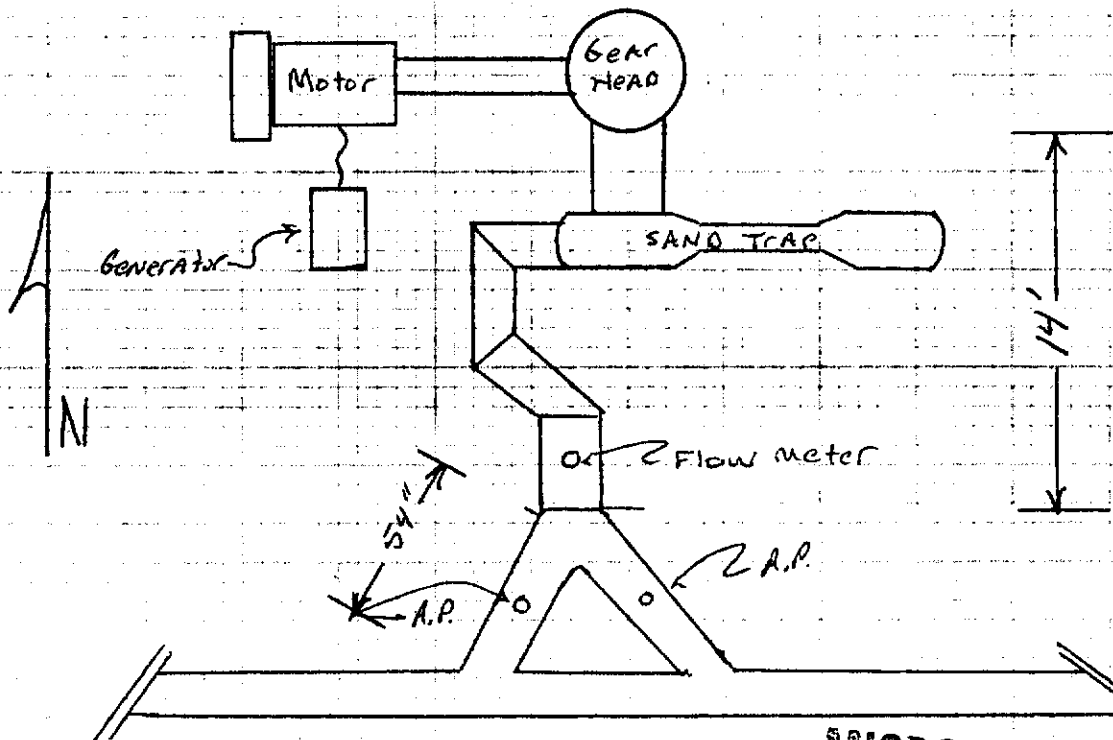
1. Owner: Ward & Sons Co., Inc. Permit No. 29-7291
Current Address: Arbon, Idaho 83212 Phone No. 335-2263
2. Accompanied by: Vance Ward EXAM. DATE: 7-10-87
Address: Box 51, Arbon Idaho Phone No. 335-2263
Relationship to Permit Holder: Son
3. Source: Groundwater tributary to

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" = 100'

2. ☒ 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).

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System Description (continued)

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

Well/pump to 2 - ten tower center pivots, 1 - LC tower pivot has a 15hp booster with a nelson 200 end gun, the other 10 tower center pivot has a 8hp booster with a nelson 100 end gun. And 1-4 - tower center pivot with an 8hp booster and 100 nelson end gun also.

Well depth = 700' Static water level = 255'
Draw Down = 90'

☒ 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
Diesel	Caterpillar	425	67U1744	-	-
Generator	Caterpillar	81	269245	-	-
Gear Head	Amarillo	375	5375	Johnston	-

*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
			NW	SW	35	11S	33E	Power	

6. Place(s) of Use:

Indicate Method of Determination

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	
11S	33E	34	~~38~~		~~38~~	~~38~~									38		33	35	106
11S	33E	35									37	35	35	39		2	2.5		150.5
12S	33E	3		35	35														70

Total - 326.50

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Do not use this space

MAR 16 1983

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 Q = ~~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) ÷ 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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{(326.5)(3.5)}{4.53} = 1,142.75$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{(7.44)(245)(1.9835)}{4.53} = 2,184.95$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1,142.75$

2. Volume Calculations for Other Uses:

N.A.

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

The well in the SW NW section 35 has a McCrometer installed in main line.

The well in the NW SW section 36 has been drilled but does not have a pump/motor installed yet.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3/15	11/15	~~4.49~~ 4.53	1,142.75
Totals:			~~4.49~~ 4.53	1,142.75

2. 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

J. AUTHENTICATION

Field Examiner's Name

Signature

Certification Date

Field Report Preparation Date

Richard Leno Jr.
Richard Leno Jr.
9/30/1987

Steve McLernach

CONSULTANT SEAL

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

JOM 1/10/89

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MAR 16 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

29-7291

Permit No.

Measurement Calculations

Field Measurement Calculations (Include theoretical capacities and system capacity)

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

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

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

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	15.334	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	35.451	45.5	77.6
14	8.642	30	36.610	46	78.95
14.5	9.228	30.5	37.785	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
 $Q = 4.49 \text{ C.F.S.}$

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

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

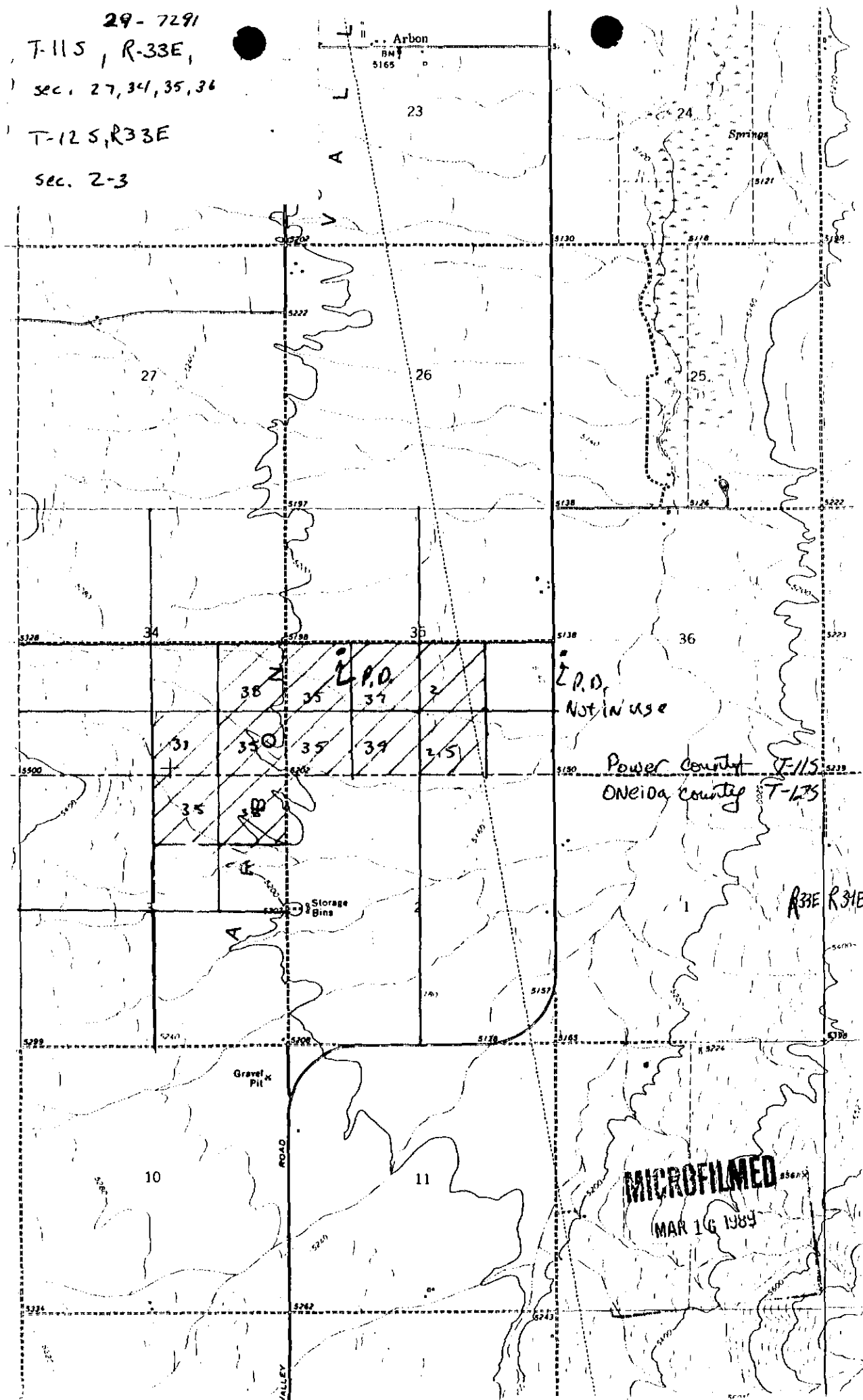
$$Q_{\text{cfs}} = \left[\frac{(3.85)(9.75')^2 \sqrt{6'}}{448.8} \right] (1) = 2.04$$

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

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

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

~~MOANY 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:

WATER RIGHTS AS OF 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
FEB 3 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

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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:

Alfred-Baptist-Spratt Co
546 Grandview Dr N
Lees Falls GA 30301

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

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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
462
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

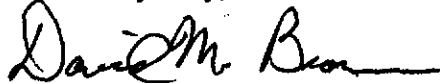
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APR 12 1994

not enclosed - d → 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

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APR 12 1994

JAN 26 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 $\frac{1}{4}$

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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