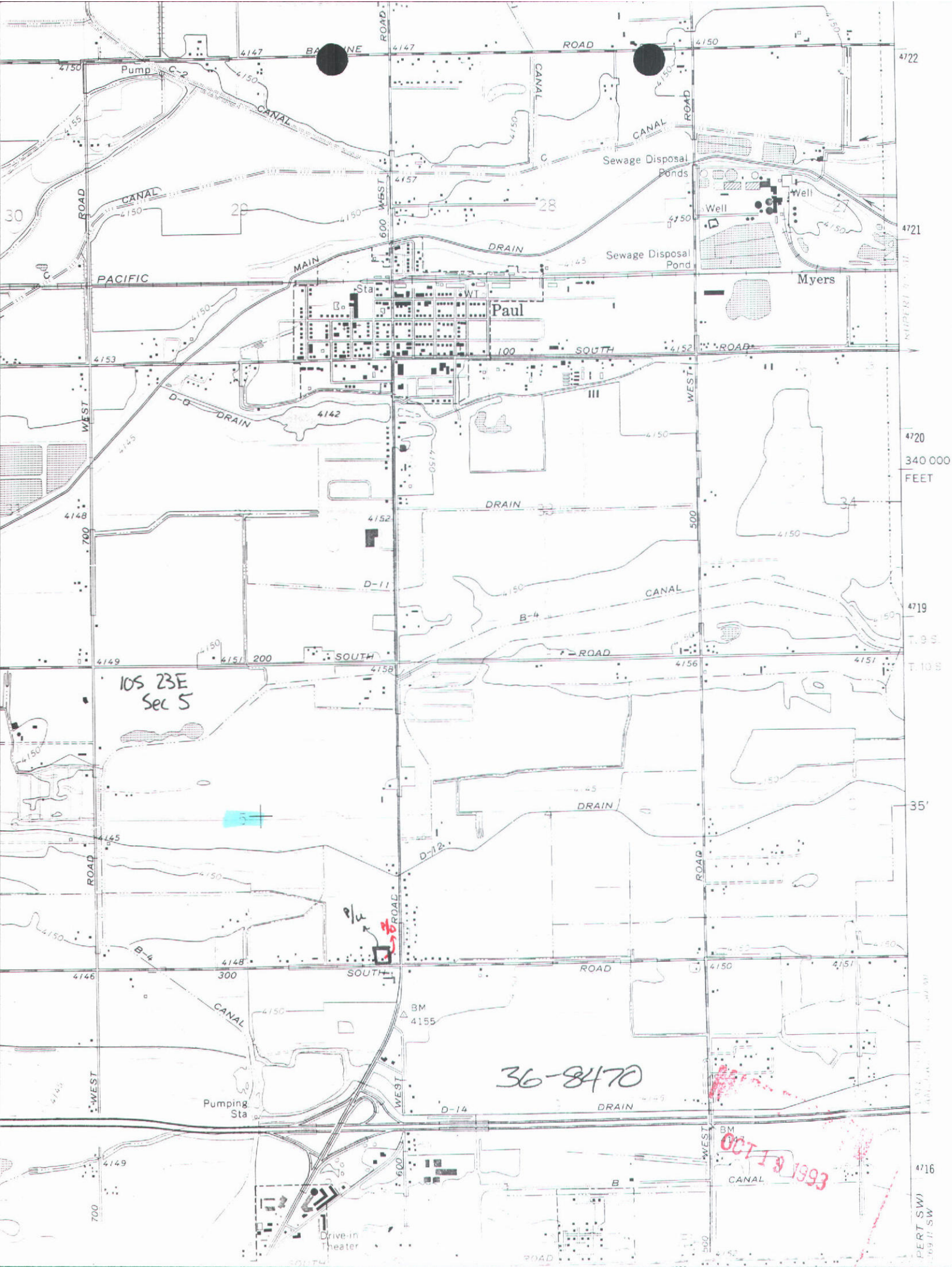
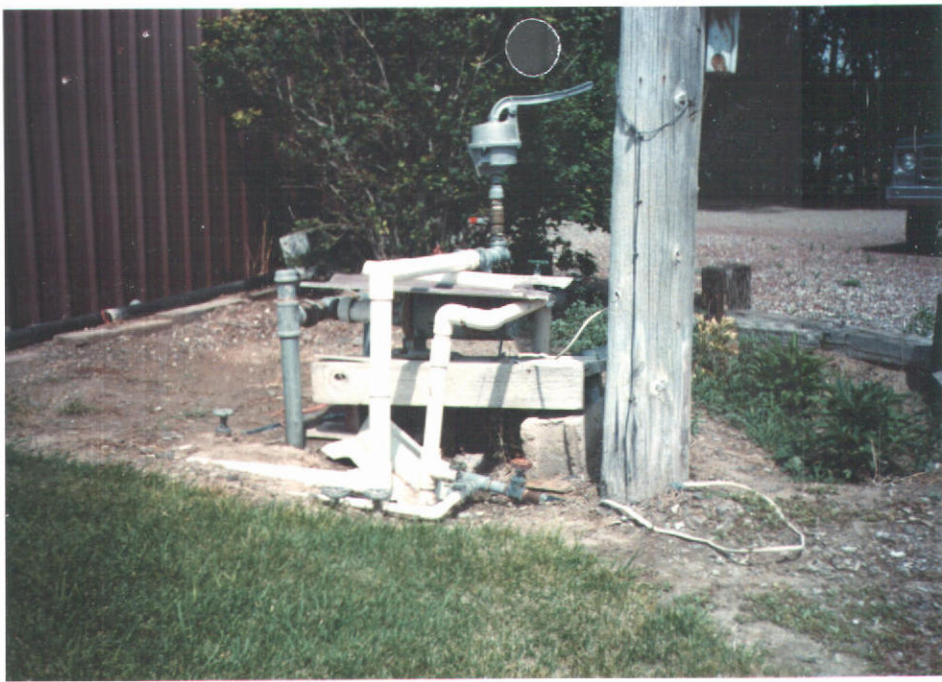


UNRECORDED
 OCT 19 1993
 res or more.





← P/D



P/O →



← P/O
RECORDED
OCT 19 1993

36-8470

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
) ss.
 STATE OF IDAHO)

Lanette Sellers, being first

duly sworn, deposes and says that she is the

Clerk of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for Two (2) consecutive weeks, commencing with the issue

dated November 16, 1989, and ending

with the issue dated November 23, 1989.

Lanette Sellers

89-641
NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

36-08470
 HAYDEN, DONALD D.
 HAYDEN, SHARON A.
 RT. 1 BOX 1326
 HEYBURN, ID 83336
 Source: GROUNDWATER
 Diversion Pt: SESE Sec 5T 10S R 23E
 Use: IRRIGATION (.080 CFS)
 Date Filed: 9/12/1989
 In: T10S R23E S05 SESE
 2.5 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 2148 4th Avenue East, Twin Falls, Idaho 83301 on or before DECEMBER 4, 1989.

R. Keith Higginson, Director
 Published in the South Idaho Press on November 16 and 23, 1989.

STATE OF IDAHO

COUNTY OF

On this 24th day of November in the year of 1989, before me, a Notary Public, personally appeared Lanette Sellers, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

Robert J. Blakey
 Notary Public for Idaho

Residing at Shelby, ID

My commission expires: 12/31/92

Cost of Publication 31.32

Notary Fee 1.50

Total Cost 32.82

OK
 TCF 12/4/89

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DEC 1 1989

Department of Water Resources
 Southern Region Office

MICROFILMED

FEB 21 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08470

Priority: September 12, 1989

Maximum Diversion Rate: 0.08 CFS
Maximum Diversion Volume: 10.0 AF

This is to certify, that DONALD D HAYDEN
SHARON A HAYDEN

RT 1 BOX 1326
HEYBURN ID 83336

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 12, 1989; and has submitted Proof of Beneficial Use on June 12, 1990. An examination indicates that the works have a diversion capacity of .080 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.08 CFS	10.0 AF

LOCATION OF POINT(S) OF DIVERSION: SESE , Sec. 5, Township 10S, Range 23E
MINIDOKA County

<u>PLACE OF USE:</u>	<u>IRRIGATION</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
<u>TWN RGE SEC</u>					
10S 23E 5	SESE	2.5			2.5
Total number of acres irrigated:					2.5

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Irrigation use under this right is authorized only in connection with a domestic use.
6. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.0 afa per acre for the lands above.

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 36-08470

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 7TH
day of September, 1993.

Acting for *R. Keith Higginson*
R. Keith Higginson, Director

OCT 19 1993

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 36-08470 Telephone No. _____

Name(s) of Permit Holder(s): Donald D. or Sharon A. Hayden

Post Office Address: see permit

Source of Water: Groundwater

If ground water, well driller's name: Sandpoint Date drilled: installed PRIOR to 1987

Extent of Use:
Domestic _____ (No. of households) Irrigation 2.5 (No. of acres)
Stockwater _____ (No. and type of stock) Other _____

Total rate and/or volume for which proof is submitted 0.08 cfs 3 acre/feet

Show date water was first diverted and beneficially used under this permit: _____

One of the following may be a condition of approval of your permit:

Measuring device: Required? Yes No Installed? Yes No

OR

Flow Measurement Port: Required? Yes No Installed? Yes No

Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

Person to contact to accompany the Department representative during the field examination:

Permit Holder
Name

Telephone No. _____

Address _____

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JAN 04 1991

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

9/9/90
Date

Sharon Hayden
Signature (and title if on behalf of a company or organization)

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 36-08470

Proposed Priority: September 12, 1989 Maximum Diversion Rate: 0.08 CFS

This is to certify, that DONALD D. HAYDEN
SHARON A. HAYDEN
RT. 1 BOX 1326
HEYBURN, ID 83336

has applied for a permit to appropriate water from: GROUNDWATER
and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.08 CFS

LOCATION OF POINT(S) OF DIVERSION: SESE Sec. 5, Township 10S, Range 23E
MINIDOKA 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>
10S	23E	5	SESE	2.5		2.5

Total number of acres irrigated: 2.5

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 1, 1991.
2. Subject to all prior water rights.
3. Irrigation use under this permit is authorized only in connection with a domestic use.
4. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

13th day of February, 1990

R. Keith Higginson
for R. Keith Higginson, Director

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Donald D. & Sharon A. Hayden Phone 678-9026
Post office address Rt. 1 Box 1326, Heyburn, ID 83336
2. Source of water supply Ground water which is a tributary of _____
3. Location of point of diversion is ~~SE~~ SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot _____
Sec. 5 Township 10 S. Range 23 E. B.M. Minidoka County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.08 for IRRIGATION purposes from 3-15 to 11-15 (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 is (a) 0.08 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. _____
existing well & pump
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. ~~Proposed~~ existing well diameter is 4 inches; ~~proposed~~ existing depth of well is 20 feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? NO
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1 years (minimum 1 year).

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8. Description of proposed uses (if irrigation only, go to item 9):

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. _____
- Other; describe fully. _____

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

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.	23E	5																2.5	2.5

Total number of acres to be irrigated 2.5

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

MID WATER - but unused

11. a. Who owns the property at the point of diversion? Applicant

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

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

12. Remarks: Adjudication claim for Domestic well

at the same p/d & p/u filed A30-11946

Irrigation is for Pasture in Association with Household.

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

10S.

5

23E.

RD.
PU.

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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.

Sharon Hayden
(Applicant)

Received by SCC Date 9/12/89 Time 1:20 p. Preliminary check by J. E. Stanton
Fee \$ 30.00 Receipted by SCC # M004161 Date 9/12/89
Publication prepared by M. Baldwin Date 10/26/89 Published in So. ID. Press
Publication approved D. Jasper Date 12/4/89

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. _____, and said application is hereby _____.

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 _____, 19 ____.

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. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other:

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FEB 21 1990



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

DEC 27 2001

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

December 21, 2001

SHARON A HAYDEN
DONALD D HAYDEN
620 W 300 S
HEYBURN ID 83336

Re: Snake River Basin Adjudication (SRBA)

Water Right(s) #36-8470, 36-11946

Change of Address

*cc W.A.
Records updated 12-28-01.*

Dear Water Right Holder:

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 right can be sent only to the address on your water right 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 January 11, 2002. 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 rights referenced above, please call this office toll-free at 1-800/451-4129 to obtain 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.

Sharon A. Hayden

Claimant Signature

Donald Hayden

(208) 678-9026

Telephone No.

of the Attorney General
x 44449
ID 83711-4449

ADDRESS SERVICE
REQUESTED



36-11946 *ur*
36-8470 *ur*

620 W. 300 S.

CID 3493 →

HAYDEN, SHARON A
RT 1 BOX 1326
HEYBURN ID 83336

Donald D.
CID 25409
pushed old add



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

September 7, 1993

DONALD D HAYDEN
SHARON A HAYDEN
RT 1 BOX 1326
HEYBURN ID 83336

RE: WATER RIGHT NO. 36-08470

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Johnson', written over the typed name.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

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OCT 19 1993

WR0749NP
No. L36-08470

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 08/31/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	DONALD D HAYDEN	09/12/1989	IRRIGATION	04-01 10-31	0.08 CFS	10.0 AFA
C	SHARON A HAYDEN RT 1 BOX 1326 HEYBURN ID 83336 (208) 678-9026					
TOTAL DIVERSION:					0.08 CFS	10.0 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.08 CFS

Point(s) of Diversion: T10S R23E S05 SE SE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE				
T	R	S		NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	SUM
				Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	
10S	23E	5	:																	
																				02
																				TOTAL ACRES
																				2.5

Pou County: MINIDOKA

Other Water Rights with Same Point(s) of Diversion and Source:
36-08470

Other Water Rights Listing Overlapping Place(s) of use:
36-08470

Conditions of Approval:

- 041 - Irrigation use under this right is authorized only in connection with a domestic use.
- R51 - This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.0 afa per acre for the lands above.

Dates: App. Received: 09/12/1989 Priority Date: 09/12/1989
Proof Due Date: 03/01/1991 Proof Made Date: 06/12/1990
Exam Made Date: 07/01/1992 Exam Sent to S.O.: 08/18/1993
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 08/31/93 CHAPMAN

LICENSE REVIEW CHECKLIST

Permit # 36-8470 Date 8-30-93 Brenda Chapman

	Yes	No	
NAME	<u> </u>	<u>✓</u>	Or Address Change?
PRIORITY DATE	<u> </u>	<u>✓</u>	Advance? <u> </u> Memo to Advance <u> </u>
	<u> </u>	<u>✓</u>	Order to Reinstate Needed?
SOURCE	<u> </u>	<u>✓</u>	Changes? Clarification of Originally Intended source <u> </u>
	<u> </u>	<u>✓</u>	Notice of Intent to Void - Source change.
P/D	<u> </u>	<u>✓</u>	Amendment Needed? <u> </u>
	<u> </u>	<u>✓</u>	Is Overlap Analysis a Consideration?
P/U	<u> </u>	<u>✓</u>	Amendment Needed? <u> </u>
	<u> </u>	<u>✓</u>	Is Overlap Analysis a Consideration?
TOTAL CFS	<u> </u>	<u>✓</u>	Incorrect Fee for rate recommended?
	<u> </u>	<u>✓</u>	Disagree/Measurement <u>11x3.26 gpm = .08 CFS</u>
2.5x.03 = 08 CFS	<u>-NA-</u>		Pumping Theoretical <u>8.8 x .70 x</u> <u>+ 2.31 x</u>
	<u> </u>	<u>✓</u>	System Capacity <u>.08</u>
			Allowable Amount: <u>Capacity + Permit Limit</u>
TOTAL VOLUME			Rate/ac <u>4.0</u> AFA Irr. Season <u>C</u>
			<u>4-1 to 10-31</u> Standard Irr. Season <u> </u>
			Season Recommended <u> </u>
	<u> </u>	<u>✓</u>	Disagree with Examiner's Calculations?
	<u> </u>	<u>✓</u>	<u>2.5 x 4 = 10 AF</u>
	<u> </u>	<u>✓</u>	Flow limit: <u>.08</u> x 214 x 1.9835 = <u>33.9</u>
USES	<u> </u>	<u>✓</u>	Change(s) in Nature of Use? <u> </u>
	<u> </u>	<u>✓</u>	Amendment Needed? <u> </u>
REMARKS	<u> </u>	<u>✓</u>	Multiple P/Ds in 1/4 1/4? <u> </u>
	<u> </u>	<u>✓</u>	Non-Irr. Uses <u> </u>
	<u> </u>	<u>✓</u>	Special Overlap Condition <u> </u>
	<u> </u>	<u>✓</u>	Other <u> </u>
CONDITIONS	<u> </u>	<u>✓</u>	Measuring/Locking Devices Misc/Dates <u> </u>
	<u> </u>	<u>✓</u>	W/Master Control <u> </u> <u>✓</u> Water Dist <u> </u>
	<u>R 51</u>	<u> </u>	Irrigation Overlap <u>9-12-89</u> App Rec'd
	<u> </u>	<u>✓</u>	Water Quality <u>7-1-92</u> Exam Made

COMMENTS:

RECOMMENDED	CFS	VOL	
Irrigation	<u>.08</u>	<u>10.0</u>	LICENSE <u>✓</u>
Domestic	<u> </u>	<u> </u>	
Stockwater	<u> </u>	<u> </u>	AMEND <u> </u>
<u> </u>	<u> </u>	<u> </u>	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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Department of Water Resources
36-08470

A. GENERAL INFORMATION

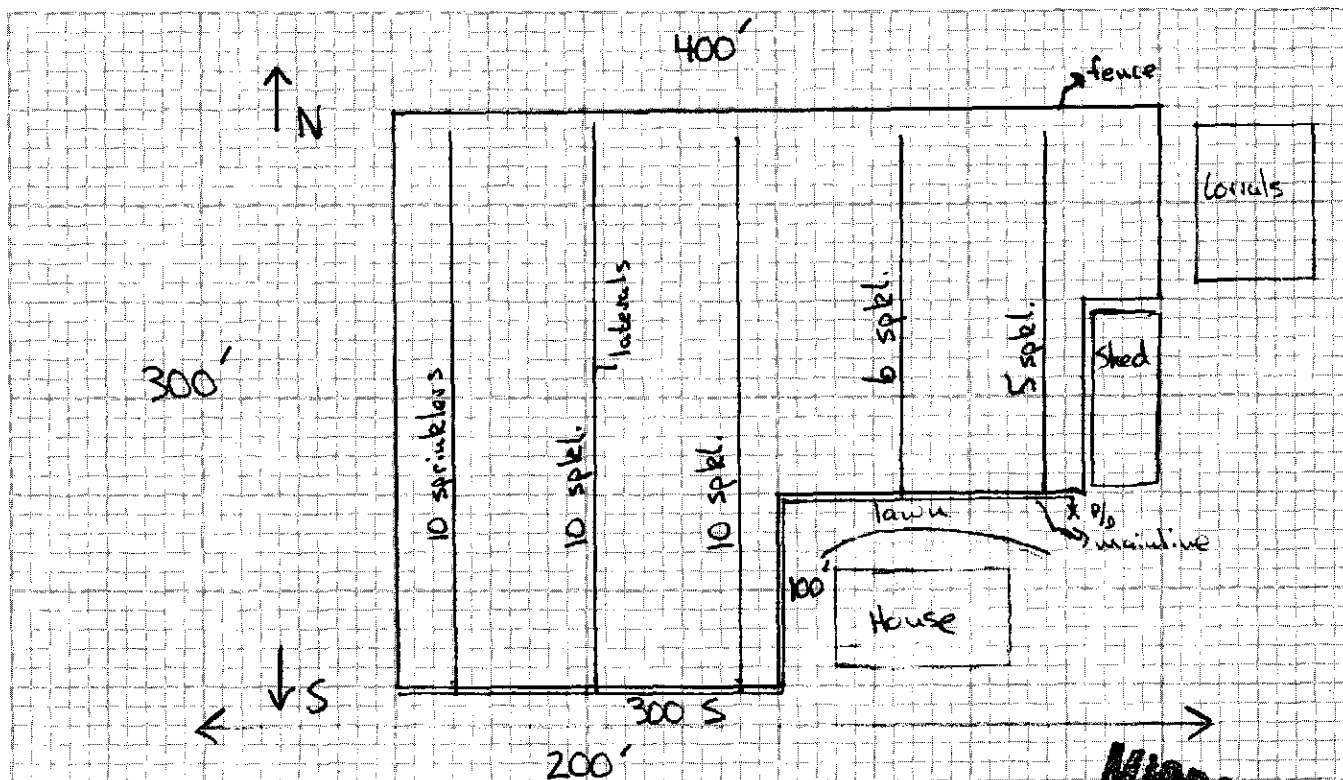
1. Owner: Donald + Sharon Hayden Permit No. 36-08470
Current Address: Rt. 1 Box 1326 Heyburn 83336 Phone No. 678-9026
2. Accompanied by: Donald Hayden EXAM. DATE: 7-1-92
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: None
2. Other water rights with same point of diversion: None
☒ Copies Attached
☐ 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
(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.)

This system consists of a 2" underground mainline that runs parallel with the southern edge of the owner's fence. Five 3" laterals run north aboveground from this mainline. Rainbird 30WS 9 sprinkler heads are used for this system. The 9 corresponds to a 9/64" nozzle diameter. Normal operation includes operating 10-11 sprinklers 8 hours every 10 days. The owner also waters his lawn with a sprinkler system that is connected to this well. The owner runs this system independently of the irrigation system. The owner also estimated the static water level to be between 15-25'. ☐ 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
	STA-RITE (Sandpoint)	2.5	Model # 5H116, Code 663		

*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
			SE	SE	5	10S	23E	Minidoka	US6A Topo Map

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	
10S	23E	5																2.5	2.5

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
PSI gauge						
* Pitot Tube						

2. Measurements:

The diameter of the nozzle was $\frac{9}{64}$ of an inch. Using the PSI gauge & the pitot tube, the average pressure at the nozzles was 30 psi when 11 sprinklers were running.

Using the table in app A of field exam handbook $\approx$ Nozzle discharge $\approx$ 3.26 gpm
 $3.26 \text{ gpm} \times 11 = 35.86 \text{ gpm} = \frac{35.86 \text{ gpm}}{448.9 \text{ gpm}} = .08 \text{ cfs}$

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

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

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

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

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

Meter Input HP: (6) $\times 1.34 =$ _____ (7)

Panel Input KW: _____ Ave PF $\times$ _____ Ave Volts $\times$ _____ Ave Amps $\times .001732 =$ _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (2.5 \times 4.0) = 10.0 \text{ AFA}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.08 \times 214 \times 1.9835) = 34.0 \text{ AFA}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 10.0 \text{ AFA}$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

(CFS)

(Afa)

1) Legal Limit .08
2) License exam fee pays up to .20
3) Founds during exam .08

1) Legal Limit 10.0
2) Capacity of system 34.0

This P/D supplies water to 2.5 acres (including owner's land) of pasture grass for 7 head of cattle. The owner also has a separate domestic well; adjudication claim A36-11946.

My recommendation is to license this P/D for the beneficial amounts described in Section I of this report.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4/1	10/31	.08	10.0
Totals:			.08 cfs	10.0 AFA

2. Recommended Amendments

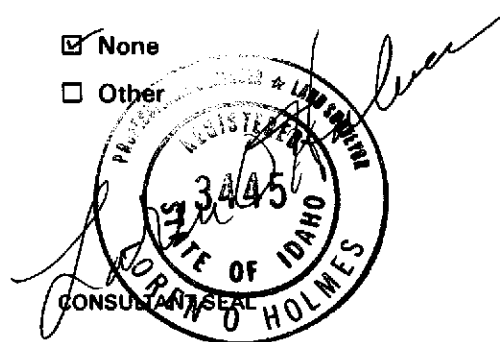
- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

☒ None

☐ Other

J. AUTHENTICATION

Field Examiner's Name Brett Barry
Signature Brett Barry
Certification Date 3/31/93
Field Report Preparation Date 7-8-92



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

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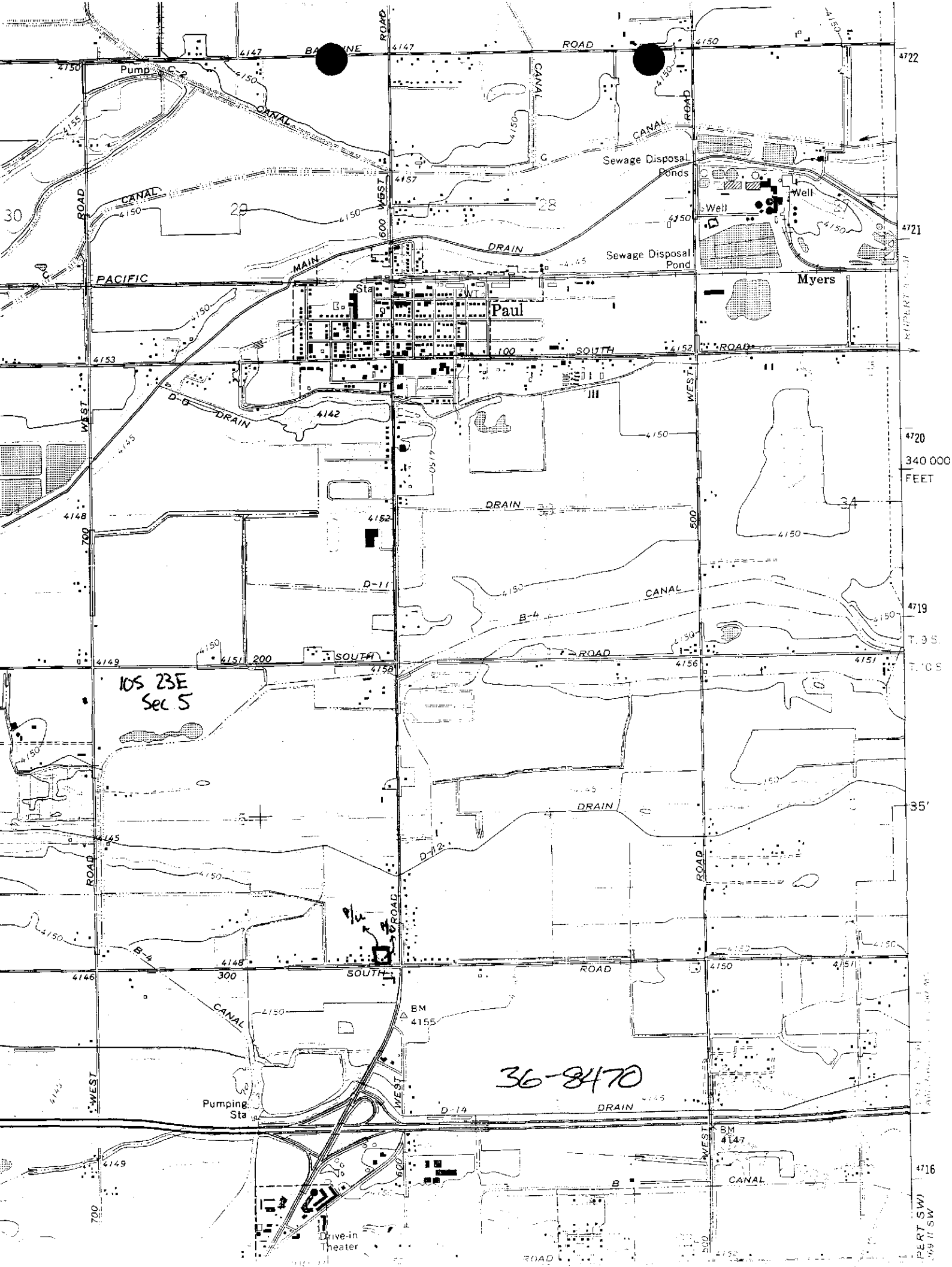
SPRINKLER SYSTEM DISCHARGE

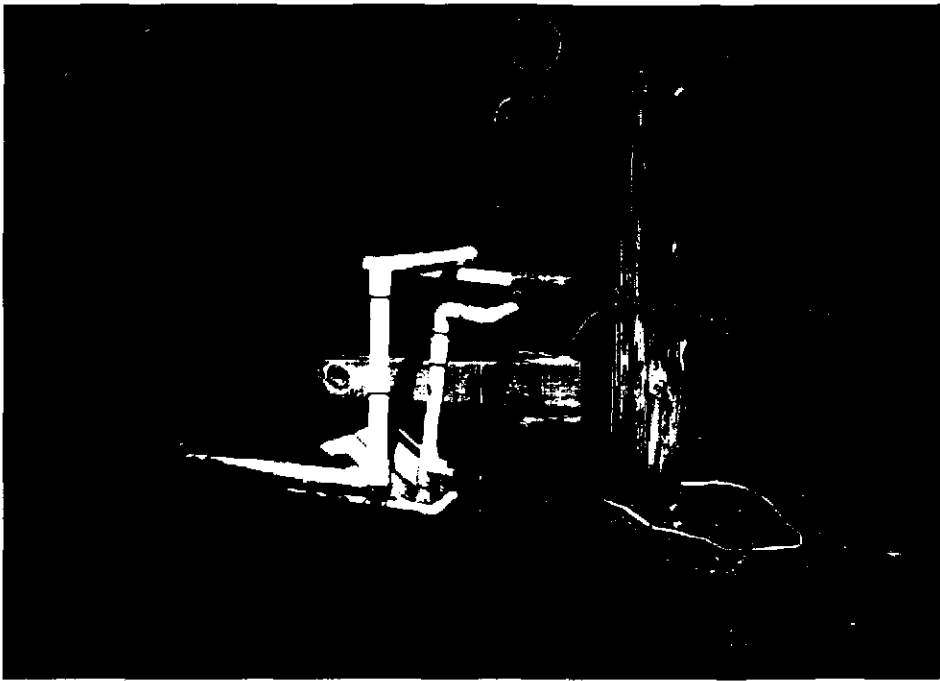
NOZZLE DISCHARGE - GALLONS PER MINUTE

psi	3/32	1/8	9/64	5/32	11/64	3/16	13/64
20	1.17	2.09	2.65	3.26	3.92	4.69	5.51
25	1.31	2.34	2.96	3.64	4.38	5.25	6.16
30	1.44	2.56	3.26	4.01	4.83	5.75	6.80
35	1.55	2.77	3.50	4.31	5.18	6.21	7.30
40	1.66	2.96	3.74	4.61	5.54	6.64	7.80
45	1.76	3.13	3.99	4.91	5.91	7.03	8.30
50	1.85	3.30	4.18	5.15	6.19	7.41	8.71
55	1.94	3.46	4.37	5.39	6.48	7.77	9.12
60	2.03	3.62	4.50	5.65	6.80	8.12	9.56
65	2.11	3.77	4.76	5.87	7.06	8.45	9.92
70	2.19	3.91	4.96	6.10	7.34	8.78	10.32
75	2.27	4.05	5.12	6.30	7.58	9.08	10.66
80	2.35	4.18	5.29	6.52	7.84	9.39	11.02
85	2.42	4.31	5.45	6.71	8.07	9.67	11.35
90	2.49	4.43	5.61	6.91	8.31	9.95	11.69
95	2.56	4.56	5.76	7.09	8.53	10.20	11.99
100	2.63	4.67	5.91	7.29	8.76	10.50	12.32

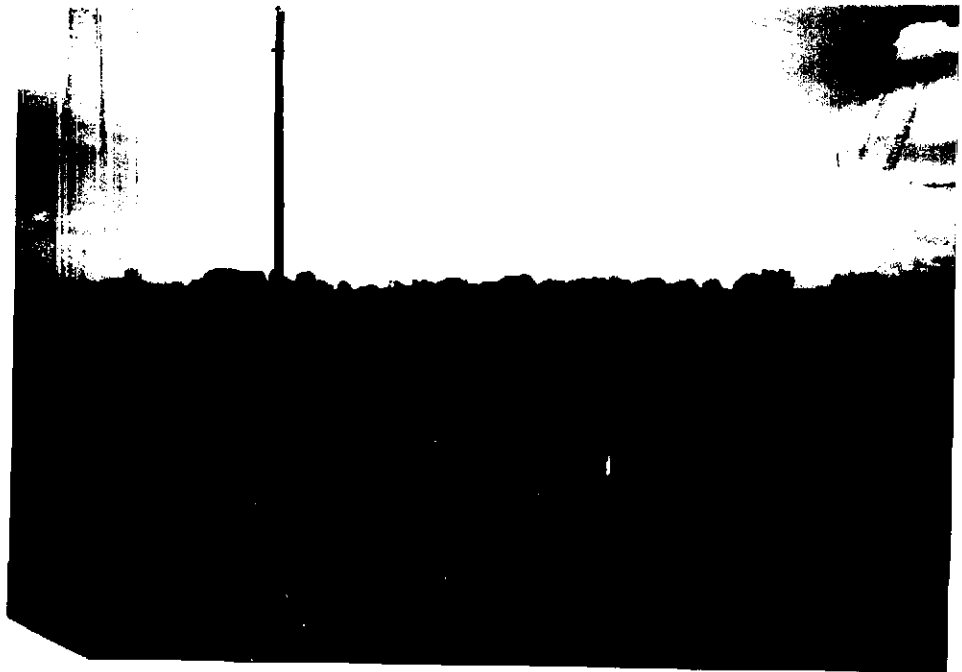
AVERAGE APPLICATION RATE - INCHES PER HOUR

Spacing in Feet	Discharge From Each Sprinkler						
	2 gpm	3 gpm	4 gpm	5 gpm	6 gpm	7 gpm	8 gpm
20x20	0.48	0.72	0.96	1.20	1.44	1.70	1.95
20x30	0.32	0.48	0.64	0.80	0.96	1.12	1.28
20x40	0.24	0.36	0.48	0.60	0.72	0.84	0.96
30x30	0.21	0.32	0.43	0.54	0.64	0.75	0.88
30x40	0.16	0.24	0.32	0.40	0.48	0.56	0.64
30x50	0.13	0.19	0.25	0.32	0.38	0.45	0.51
40x40	0.12	0.18	0.24	0.30	0.36	0.42	0.48
40x50	0.1	0.14	0.19	0.24	0.29	0.34	0.38
40x60		0.12	0.12	0.20	0.24	0.28	0.32





← P/D



P/O ↗



← P/O

36-8470

December 17, 1990

DONALD D. HAYDEN
SHARON A. HAYDEN
RT. 1 BOX 1326
HEYBURN, ID 83336

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 36-08470

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the SOUTHERN Regional Office in Twin Falls at (208)734-3578.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

RECEIVED
FEB 24 1991

JAN 24 1991

Date 12-14-90

Y Name same as permit?
N Address change? If yes, prepare data entry form.
Y Proof timely received? If no, complete priority advancement below.

Surface water source _____
✓ Ground water source _____
 _____ N Drill permit req'd? _____ Copy in file?
 _____ Well log in file?
 _____ Amt paid for drilling permit? _____ Correct?

$\frac{Y}{50}$ Required?
 Amount submitted?
 $\checkmark$ Correct amount?

 N Measuring device or access port required?
 / Installed?
 / Waiver requested or needed?

proof acceptable

NEW PRIORITY DATE

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 327-7900
February 13, 1990

DONALD D. HAYDEN
SHARON A. HAYDEN
RT. 1 BOX 1326
HEYBURN, ID 83336

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. P36-08470

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed for your convenience is a form entitled "Proof of

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FEB 21 1990

Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

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FEB 21 1990

27-Oct-1989

Donald &/or Sharon Hayden
Rt. 1 Box 1326
Heyburn, ID 83336

Re: Application for Permit No. 36-08470

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

This office will be advertising the application in the South Idaho Press on 11/16 & 11/23/89. A period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our State Office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Very truly yours,

James E. Stanton
Sr. Water Resource Agent

JS:MB

RECORDED

FEB 21 1990

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
) ss.
 STATE OF IDAHO)

Lanette Sellers being first

duly sworn, deposes and says that he is the

Clerk of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for two (2) consecutive weeks, commencing with the issue

dated November 16, 1989, and ending

with the issue dated November 23, 1989.

Lanette Sellers

89-641

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

36-08470
 HAYDEN, DONALD D.
 HAYDEN, SHARON A.
 RT. 1 BOX 1326
 HEYBURN, ID 83336
 Source: GROUNDWATER
 Diversion Pt: SESE Sec 5T 10S R 23E
 Use: IRRIGATION (.080 CFS)
 Date Filed: 9/12/1989
 In: T10S R23E S05 SESE
 2.5 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 2148 4th Avenue East, Twin Falls, Idaho 83301 on or before DECEMBER 4, 1989.

R. Keith Higginson, Director
 Published in the South Idaho Press on November 16 and 23, 1989.

STATE OF IDAHO

COUNTY OF

On this 24th day of November in the year of 1989, before me, a Notary Public, personally appeared Lanette Sellers, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

[Signature]
 Notary Public for Idaho

Residing at [Address]

My commission expires [Date]

Cost of Publication 31.32

Notary Fee 1.50

Total Cost 32.82

OK
 12/4/89

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DEC 1 1989

Department of Water Resources
 Southern Region Office

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DEC 21 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region
2148 4th Avenue East
Twin Falls, ID 83301
(208)734-3578

OCTOBER 26, 1989

SOUTH IDAHO PRESS
BOX 190
BURLEY, ID 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before DECEMBER 4, 1989.

Yours truly,

Mary Baldwin
Secretary/Office Coordinator

Enclosure

RECEIVED

FEB 21 1990

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

RECEIVED

FEB 21 1990

36-08470

HAYDEN, DONALD D.
HAYDEN, SHARON A.
RT. 1 BOX 1326
HEYBURN, ID 83336

Source: GROUNDWATER

Diversion Pt: SESE Sec 5 T 10S R 23E

Use: IRRIGATION (.080 CFS)

Date Filed: 9/12/1989

In: T10S R23E S05 SESE

2.5 ACRES TOTAL

RECORDED
INDEXED

FILED 21 1989

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R. Keith Higginson, Director

Published 11/16/1989 & 11/23/1989

RECEIVED

FEB 21 1990