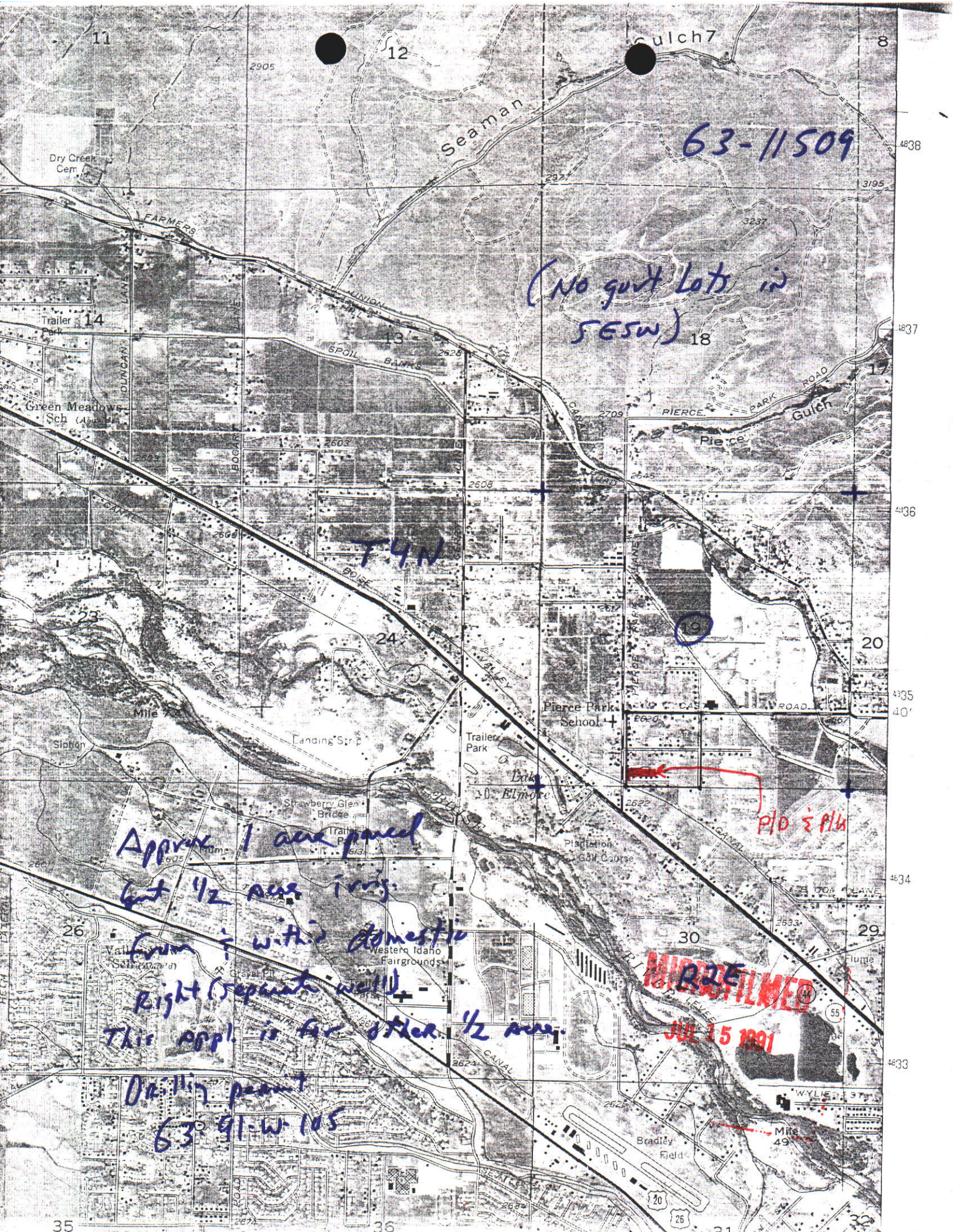




63-11509

(No govt lots in SE5W)

T4N

Approx 1 acre parcel
but 1/2 acre irrig

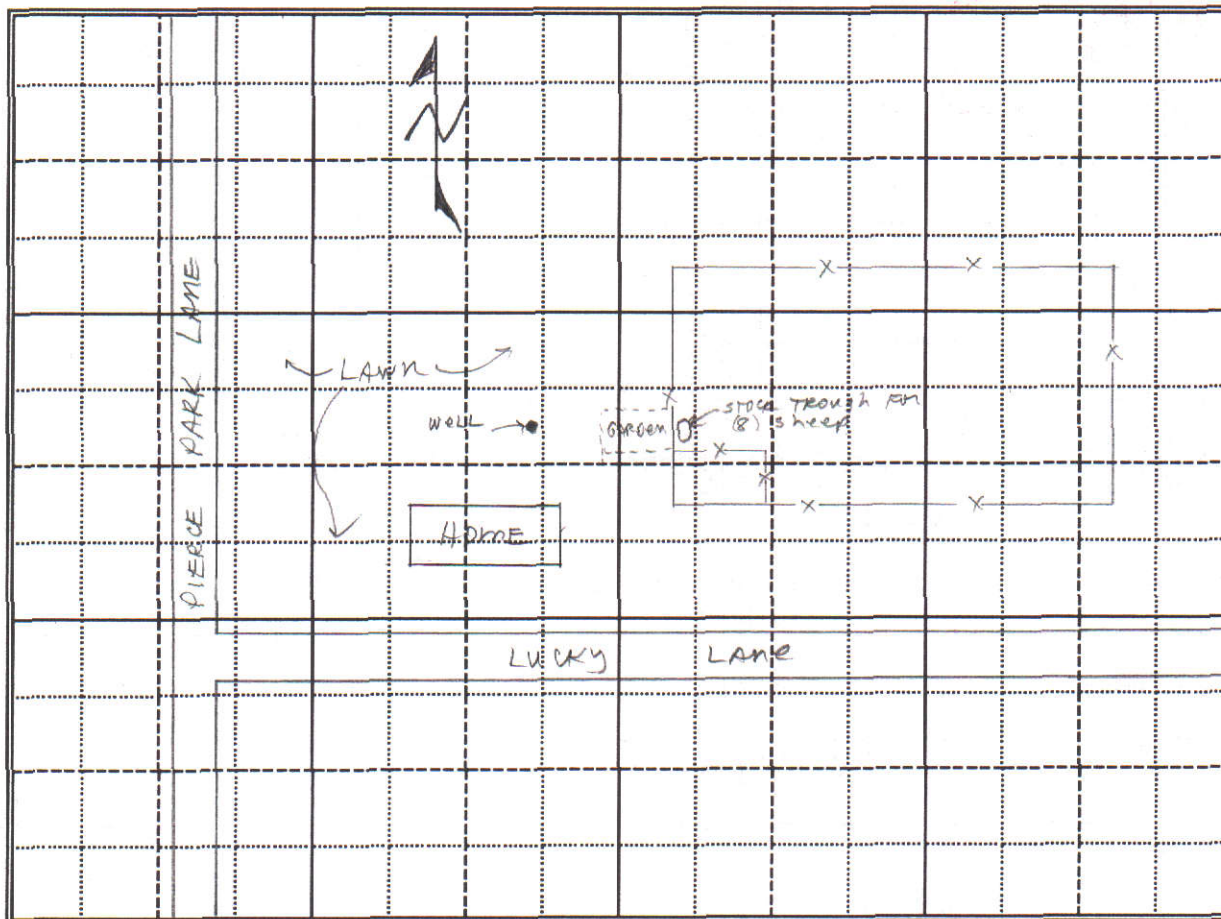
from within domestic
right (separate well)
This appl. is for other 1/2 acre

Drilling permit
63-91-W-105

MIRRE FILMED
JUL 15 1991

P/O & P/L

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NTS

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☐ Aerial Photo Attached (required for irrigation of 10+ acres)

☐ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	NO TAG	1	NO TAG	Gould	25EL

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

D. FLOW MEASUREMENTS

1.

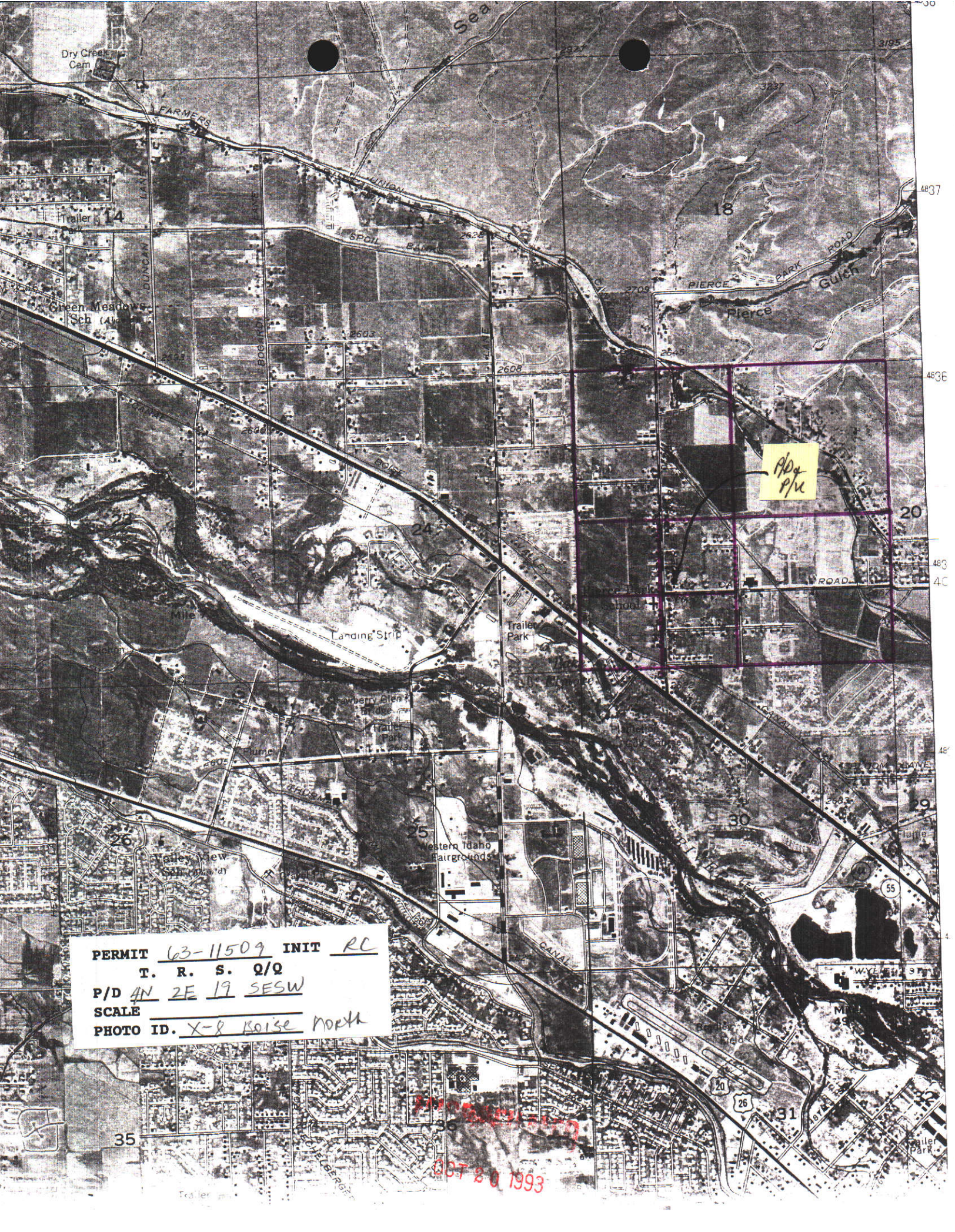
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Sprinkler Pressure Gage						OCT 20 1993

2. Measurements:

Sprinkler Pressure Gage - 36 psi
(16) 5/32" Rainsbird nozzles

$$Q = 846 \times 4.31 \text{ gpm} = 3648.66 \text{ gpm} = 0.15 \text{ CFS}$$

0.08



PERMIT 63-11509 INIT RC
T. R. S. Q/Q
P/D 4N 2E 19 SESW
SCALE
PHOTO ID. X-8 Boise North

OCT 8 0 1993



PHOTO ONE- Well located in back lawn area next to garden. Sprinkler irrigation of pasture can be seen at top of photo.



RECEIVED
OCT 20 1993

PHOTO TWO- Hand Line in operation in PASTURE.



PHOTO THREE-

STOCKWATER TROUGH for 8 sheep in pasture. Filled from same hose used to irrigate garden.

>

PHOTO FOUR-

UNRECORDED
OCT 20 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11509

Priority: April 8, 1991

Maximum Diversion Rate:
Maximum Diversion Volume:

0.03 CFS
2.3 AF

This is to certify, that DENNIS B PATTERSON
HEIDI M PATTERSON

4712 PIERCE PARK LANE
BOISE ID 83703

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 8, 1991; and has submitted Proof of Beneficial Use on May 12, 1992. 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	03/15 to 11/15	0.03 CFS	2.3 AF

LOCATION OF POINT(S) OF DIVERSION: SESW , Sec. 19, Township 04N, Range 02E
ADA County

<u>PLACE OF USE:</u>	<u>IRRIGATION</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>			
04N	02E	19	SESW	0.5	0.5

Total number of acres irrigated: 0.5

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. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. Place of use located within Lot 1, Elmer Davis First Subdivision.

MINOR MED

OCT 20 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 63-11509

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 September, 1993.

Acting for *Norman C. Young*
R. Keith Higginson, Director



MAINTAINED
OCT 20 1993

RECEIVED
MAY 12 1992

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

For Office Use Only
Amt. of Fee \$ 50.00
Date 5-12-92
Receipt No. C024100
Received by Chy

Department of Water Resources

PROOF OF BENEFICIAL USE

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.

1. Permit No. 63-11509 Telephone No. 853-3293
2. Name(s) of Permit Holder(s): Dennis and Heidi Patterson
3. Post Office Address: 4712 Pierce Park Ln Boise, Idaho 83703
4. Source of Water: well
 - a. If ground water, well driller's name: GARY E COONCE Date drilled: 4-8-91
 - b. Pump horsepower: 1 Pressure (psi): 30 Dynamic pumping level (ft.): 30
5. Extent of Use:

Domestic _____ (No. of households)	Irrigation <u>X (.5)</u> (No. of acres)
Stockwater _____ (No. and type of stock)	Other _____
6. Total rate and/or volume for which proof is submitted .03/acre cfs _____ acre/feet
7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device:	Required? <u>Yes</u> <u>X</u> No	Installed? <u>Yes</u> <u>X</u> No
OR		
Flow Measurement Port:	Required? <u>Yes</u> <u>X</u> No	Installed? <u>Yes</u> <u>X</u> No
8. Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)
9. Person to contact to accompany the Department representative during the field examination:

<u>Dennis or Heidi Patterson</u>	<u>853-3293</u>
Name	Telephone No.
<u>4712 Pierce Park Ln Boise, Idaho 83703</u>	
Address	

10. 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.

RECORDED

8-7-91
Date

Dennis Patterson
Signature (and title if on behalf of a company or organization)

MAY 20 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-11509

Proposed Priority: April 8, 1991 Maximum Diversion Rate: 0.03 CFS
This is to certify, that HEIDI M. PATTERSON

DENNIS B. PATTERSON
4712 PIERCE PARK LANE
BOISE, ID 83703

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	0.03 CFS

LOCATION OF POINT(S) OF DIVERSION: SWSESW Sec. 19, Township 04N, Range 02E
ADA 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>
04N	02E	19	SESW	0.5		0.5

Total number of acres irrigated: 0.5

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 1992.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.03 cubic feet per second for each acre of land.
5. Place of use located within Lot 1, Elmer Davis First Subdivision.

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

20th day of June, 1991.

R. Keith Higginson
for R. Keith Higginson, Director

MICROFILMED

JUL 15 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: HEIDI M. PATTERSON 208-853-3793
Address: 4712 PIERCE PARK LANE
BOISE, ID 83703

AND/OR

Name: DENNIS B. PATTERSON 208-853-3793
Address: 4712 PIERCE PARK LANE
BOISE, ID 83703

2. Source: GROUNDWATER

Trib. to:

3. Location of Point of Diversion: SWSESW Sec. 19, Township 04N, Range 02E
ADA County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
IRRIGATION	03/15	11/15	0.030		

5. Total quantity to be appropriated is:
0.030 CFS (and/or) AF

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc.

PUMP & PIPELINES, SPRINKLER IRRIG.; 63-91-W-105

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 well diameter is 6 inches; proposed depth of well is 40
feet.

d. Is groundwater with a temperature greater than 90F 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.

8. Description of proposed uses:
IRRIGATION

MICROFILMED

15 1991

9. Place of Use: IRRIGATION

TWN RGE SEC	ACRES	ACRES	ACRES	TOTAL
04N 02E 19	SESW 0.5			0.5

Total number of acres irrigated: 0.5

10. Describe any other water rights used for the same purposes.
NONE

11. 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.

12. Remarks:

Property also known as Lot 1 Elmer Davis First Subdivision.

13. Map of proposed point of diversion and place of use attached? ☒

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.

Heidi M. Patterson
Applicant

Received by SL Date 4-8-91 Time 9:15 Preliminary check by lw

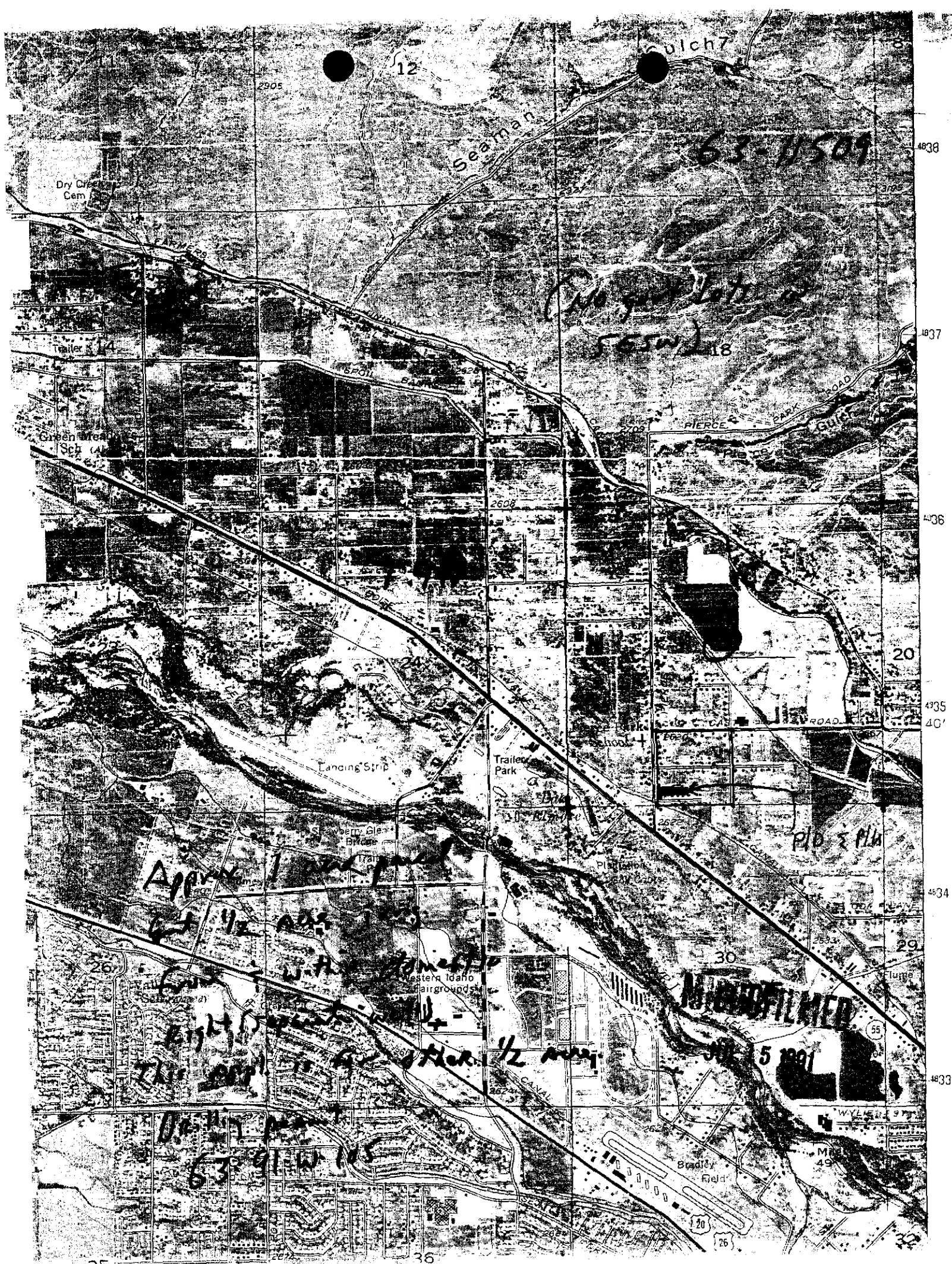
Fee \$ 30 Receipted by SL # W013182 Date 4-8-91

Publication prepared by GG Date 4-10-91 Published in ID Statesman

Publication approved st Date 5-7-91 4/18 & 4/25/91

MICROFILMED

JUL 15 1991





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 10, 1993

DENNIS B PATTERSON
HEIDI M PATTERSON
4712 PIERCE PARK LANE
BOISE ID 83703

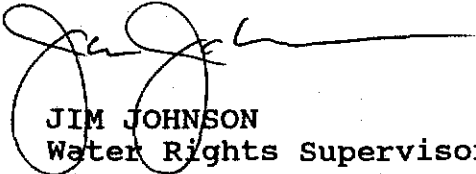
RE: WATER RIGHT NO. 63-11509

Dear Water Right Holder(s):

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

You may wish to apply for another permit for the remaining half-acre that is currently being irrigated.

Sincerely,



JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

MICROFILMED

OCT 20 1993

WR0749NP
No. L63-11509

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

DATE: 08/27/93
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	DENNIS B PATTERSON	04/08/1991	IRRIGATION	03-15 11-15	0.03 CFS	2.3 AFA
C	HEIDI M PATTERSON					
	4712 PIERCE PARK LANE					
	BOISE ID 83703					
	(208) 853-3793					
				TOTAL DIVERSION:	0.03 CFS	2.3 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.08 CFS

Point(s) of Diversion: T04N R02E S19 SE SW

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
04N	02E	19	:																	:	0.5
																				TOTAL ACRES	0.5

Pou County: ADA

Other Water Rights with Same Point(s) of Diversion and Source:
63-09725

Other Water Rights Listing Overlapping Place(s) of use:
63-02406 63-11509

Conditions of Approval:

- R52 - This right when combined with all other rights shall provide no
- more than .03 cfs per acre nor more than 4.5 afa per acre for the
- lands above.

Remarks: Place of use located within Lot 1, Elmer Davis First Subdivision.

Dates: App. Received: 04/08/1991 Priority Date: 04/08/1991
Proof Due Date: 07/01/1992 Proof Made Date: 05/12/1992
Exam Made Date: 07/19/1993 Exam Sent to S.O.: 08/09/1993
Licensed Date:

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

Comments: Date: 05/12/1992 User-ID: VAULT Subject: Proof of Beneficial Use Rcvd
Proof of Beneficial Use Rcvd

Audit: 08/27/93 CHAPMAN

LICENSE REVIEW CHECKLIST

Permit # 63-11509 Date 8-27-93 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>-NA-</u>		Incorrect Fee for rate recommended?
	<u> </u>	<u>✓</u>	Disagree/Measurement <u>16 sprinklers x 4.31 gpm = 68.96 x .00223 = .15 (8 used at a time = .08 CFS)</u>
	<u> </u>	<u> </u>	Pumping Theoretical <u>8.8 x .70 x + 2.31 x</u>
	<u> </u>	<u>✓</u>	System Capacity <u>.08</u>
	<u> </u>	<u> </u>	Allowable Amount: <u>Permit Limit = .03</u>
TOTAL VOLUME			Rate/ac <u>4.5</u> AFA Irr. Season <u>0</u>
			<u>3-15 to 11-15</u> Standard Irr. Season
			Season Recommended
	<u> </u>	<u>✓</u>	Disagree with Examiner's Calculations?
	<u> </u>	<u>✓</u>	<u>.5 acre x 4.5 = 2.25</u>
	<u> </u>	<u> </u>	Flow limit: <u>.03 x 246 x 1.9835 = 14.6</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>	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>	W/Master Control <u> </u> Water Dist
	<u>BS2</u>	<u> </u>	Irrigation Overlap <u>4-8-91</u> App Rec'd
	<u> </u>	<u>✓</u>	Water Quality <u>7-19-93</u> Exam Made

COMMENTS: NOTE: Map MARKED IN NESW-but it is written on as being in SESW AS is all the other documentation -verified SESW ON county map.

RECOMMENDED	CFS	VOL
Irrigation	<u>.03</u>	<u>2.3</u>
Domestic	<u> </u>	<u> </u>
Stockwater	<u> </u>	<u> </u>

LICENSE ✓
AMEND

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
AUG 10 1993

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-11509

1. Owner: Dennis B. + Heidi M. Patterson Phone No. 853-3093

Current Address: 4712 Pierce Park Lane, Boise, ID 83703

2. Accompanied by: Dennis Patterson EXAM DATE: 7/17/93

Address: Same Phone No. Same

Relationship to Permit Holder: Applicant

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-02406, 63-09725

2. Other water rights with the same point of diversion: 63-09725

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SE	SW	19	4N	2E	Ada	Aerial Map

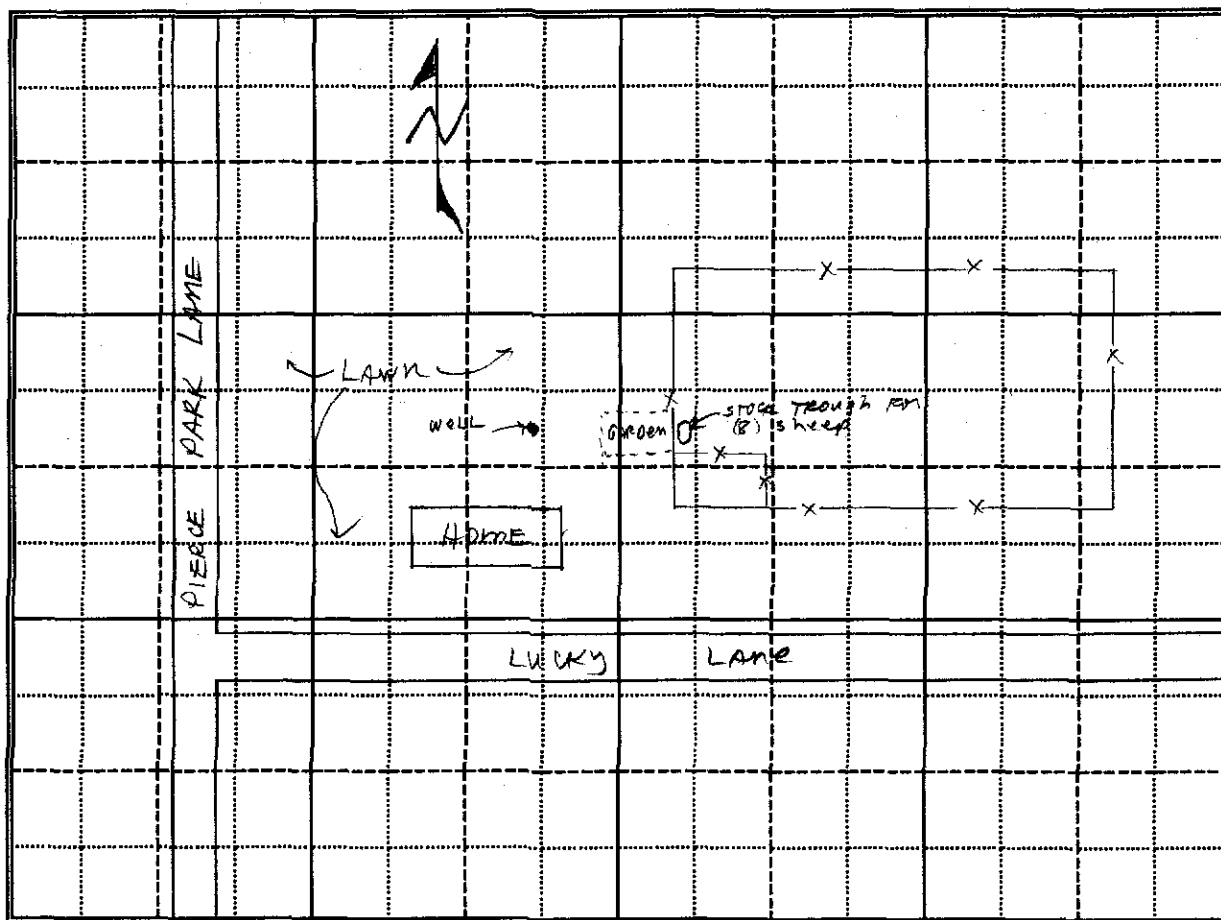
2. Place(s) of Use:

Indicate Method of Determination Same as P/D

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	2E	19												0.5 1.0					0.5 1.0

OCT 20 1993

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = MTS

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☐ Aerial Photo Attached (required for irrigation of 10+ acres)

☐ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump ^{model} Serial No. or Discharge Size
	NO TAG	1	NO TAG	GOULD	25EL

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Sprinkler Pressure Gage						OCT 20 1993

2. Measurements:

Sprinkler Pressure Gage - 36 psi

(16) 5/32" Rainbird nozzles

$$Q = 8.46 \times 4.31 \text{ gpm} = 36.48 \text{ gpm} = 0.15 \text{ CFS}$$

D.08

E. NARRATIVE/REMARKS/COMMENTS

OVERLAPS - P/O - Same QR, different source

P/U - Same QR, different areas of use.

This well, with a 6" casing, is used to irrigate 1.0 acre of PASTURE and garden. The application only indicates 0.5 acres being irrigated.

The system is theoretically capable of producing 0.07 CFS, but since only 0.03 CFS is requested, that is ALL that can be appropriated. Therefore, recommend Licensing for 0.03 CFS AS requested on permit for only 0.5 acre.

NOTE: Since 1.0 acre is actually being irrigated, when the License is mailed, please ATTACH a note STATING that he has another 0.5 acre he may want to file on.

82
9/2/93

$$Q(\text{Theoretical}) = \frac{(8.8)(0.7)(1)}{(2.31 \times 36) + 12} \approx 0.07 \text{ CFS}$$

$$Q(\text{measured}) = 8 \times 4.31 = 34.48 \text{ gpm} = 0.08 \text{ CFS}$$

Have conditions of permit approval been met? ☒ yes ☐ no

OCT 20 1993

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Sprinkler Pressure Gage

$$Q = \frac{8}{10} \times 4.31 \text{ gpm} = \frac{34.48}{68.96} \text{ gpm} = \frac{0.08}{0.15} \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \times 4.5 = 2.3 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.03 \times 246 \times 1.9835 = 14.6 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 2.3$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>IRRIGATION</u>	<u>3/15</u>	<u>11/15</u>	<u>0.03</u>	<u>2.3</u>
Totals:			<u>0.03</u>	<u>2.3</u>

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

I. AUTHENTICATIONField Examiner's Name Steve Lester for Date 9/2/93

Reviewer _____ Date _____

SEAL

MIL-100-100

OCT 20 1993

Patterson

Covense Well Drilling
939-0085

6" casing - Access port available

Irrigate Pasture & Garden.

Pump - Gould (1) h.p.
mod. # 25EL

Motor -

Pasture - $315' \times 130' = 40950 \approx 1 \text{ AC.}$
Garden - $60 \times 50 = 3000$

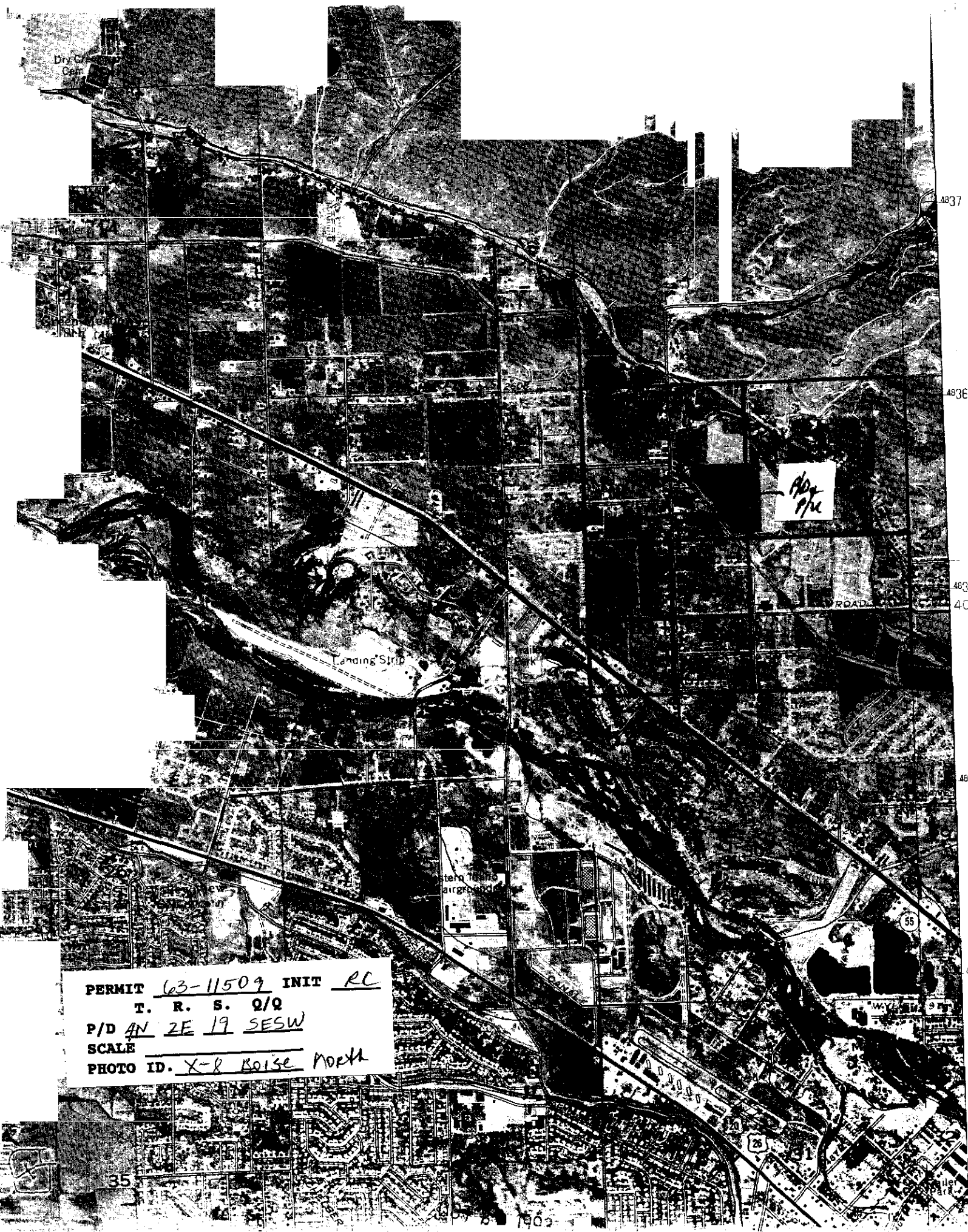
(8) sheep in pasture

(16) $\frac{5}{32}"$ Rainbirds ($\frac{1}{4}"$ underground pipe - 2 lines)
Runs one line 7' right at a Time.

12 hours per setting - once a week

~~BB~~ Sprinkler Gauge - 36 psi

RECORDED
OCT 20 1993



PERMIT 63-11509 INIT RC
T. R. S. Q/Q
P/D 4N 2E 19 SESW
SCALE _____
PHOTO ID. X-8 Boise North

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: _____ OTHER APPLICABLE NO: 63-11509
2. OWNER: Dennis B. & Heidi M. Patterson Phone: 853-3093
Address: 4712 Pierce Park Lane, Boise, ID 83703
3. WELL LOCATION: Twp 4N, Rge. 2E, Sec. 19, SE 1/4 SW 1/4
County Ada (Provide sketch map and photo on reverse.)
4. DRILLER: Coonse Well Drilling Lic. No. 409
When Drilled? 4-19-91
5. WELL CONSTRUCTION
Casing Diameter 6 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 78 ft. Method Drilled Cable
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ No
Condition of Piping and Valving Good
Auger to a depth of _____ ft. Evidence of Annular Seal ☐ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION
Depth to Static Water 7 ft. Water Temperature 54 °F
Flowing Artesian ☐ Yes ☒ No Pressure: N/A (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☐ Domestic ☒ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: _____

OCT 20 1993

9.

MA 13:

Rick Collingwood, Water Rights Examiner
Signature of Dept. Representative & Title

7/19/93
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

RECEIVED

OCT 20 1993

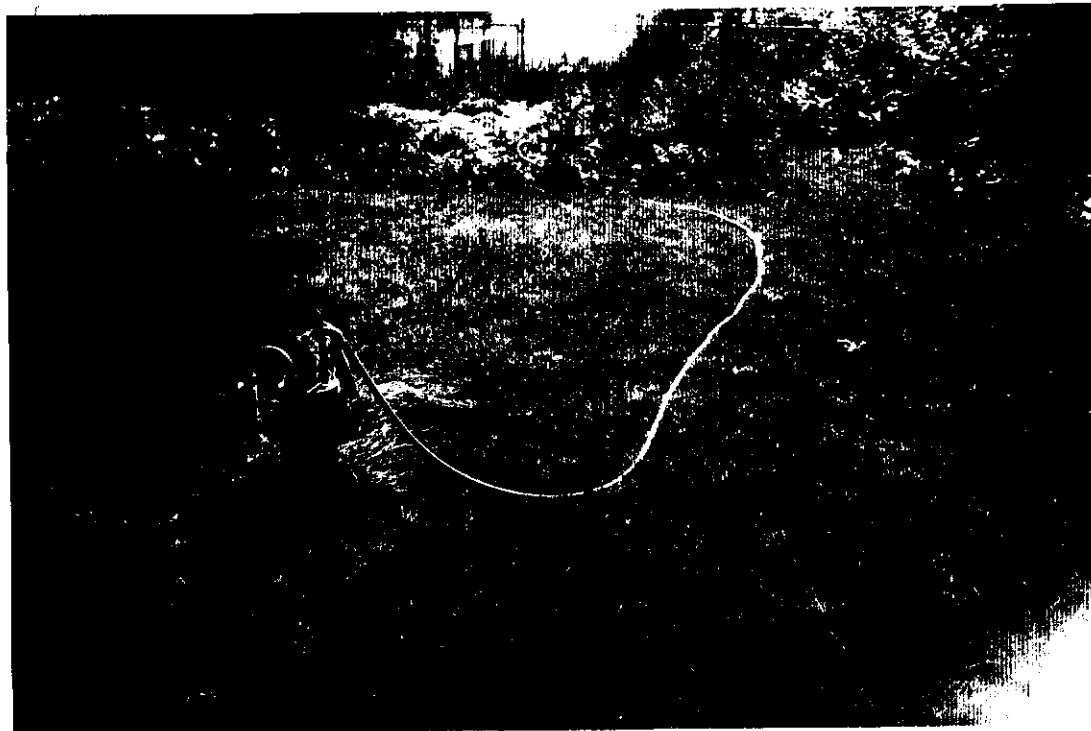


PHOTO ONE- Well located in back lawn area next to garden. Sprinkler irrigation of pasture can be seen at top of photo.



PHOTO TWO- Hand line in operation in pasture.

OCT 20 1993



PHOTO THREE-

STOCKWATER TROUGH for 8 sheep in PASTURE. Filled
from same hose used to irrigate garden.

PHOTO FOUR-

RAINFALL
OCT 20 1993

May 15, 1992

HEIDI M. PATTERSON
DENNIS B. PATTERSON
4712 PIERCE PARK LANE
BOISE ID 83703

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-11509

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 WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECORDED
MAY 20 1992

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 63-11509

Reviewed by Klg

Date 5/12/92

GENERAL CONSIDERATIONS

Yes Name same as permit?
Yes Address same as permit?
Yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

irrigate 5
Correct Uses? Yes

SOURCE OF WATER

Surface water source
Ground water source

Yes Drilling permit required?
Yes Copy in the file? Drilling Permit No. 63-91-W-105
35 Amount paid for permit Yes Correct?
Yes Well log in the file?

LICENSE EXAMINATION FEE

NO Required?
\$50 Amount Submitted
NO Correct?

MEASURING DEVICE

NA Required?
Installed?
Waiver requested?

PRIORITY CALCULATION

Date proof received NA
Date proof due -
No. of days late =
Priority Date +
New Priority Date ✓

DEFICIENCIES OR ACTION ITEMS

Return \$50 fee

proof acceptable

DATA ENTRY

New Address _____

Proof Made 5/12/92
5/15/92 Klg



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

May 12, 1992

Heidi and Dennis Patterson
4712 Pierce Park Lane
Boise, ID 83703

Re: Permit No. 63-11509

Dear Permit Holder:

The Department is in receipt of the proof of beneficial use you submitted in connection with the above referenced permit.

Since you use a groundwater source and use less than .04 cfs of water, a license exam fee is not required. I have begun the process to refund the \$50 fee you submitted. The process takes between two and four weeks and will arrive under separate cover.

I will continue to process the proof, and you should receive acknowledgement within the next week or so.

If you have any questions or if I can be of any further assistance, please feel free to contact me.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

C: Fiscal

MICROFILMED

MAY 20 1992

State of Idaho
Department of Water Resources

APPLICATION FOR DRILLING PERMIT

1. Applicant (please print) Dennis B. s/o Heidi M. Patterson
2. Mailing Address 4712 Pierce Park Lane
Bonji Id 83703 Telephone 853 3793
- (☒) Well Owner () Well Operator () Other, specify _____
3. Proposed well location 4th 1/4 2E 1/4, or Gov't Lot No. _____
Sec. 19, Twp. 5E, Rge. 5W, County Ada
- Street Address of Well Site _____
- Lot, block and subdivision LT 1 Glen Drive 1st Subd
4. Proposed use of well: (1/2 acre irrigation)
(☒) Domestic: The use of water for homes, organization camps, public campgrounds, livestock and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.
- Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.
- () Non-Domestic: Any beneficial use not included within the definition of domestic.
- () Injection
- () Monitoring - A well bore schematic and map is required for each well.
No. of proposed wells: _____
5. Well construction information:
- A. (☒) New well () Deepen () Replace - See Condition 9
- B. Proposed Surface Diameter 8" Proposed Maximum Depth 40'
- C. Anticipated bottom hole temperature:
(☒) 85°F or less (Cold water well)
() 85°F to 212°F (Low temp. geothermal well)
() 212° or more (Geothermal well)
6. Construction Start Date 4-8-91
7. Anticipated Well Driller Coonse Well Drilling
NOTE: The actual well driller must be identified prior to drilling.
8. Applicant's signature Heidi M Patterson Date 4-8-91
Title Owner
(Owner, Firm Representative, Other)

RECEIVED

MAY 20 1992

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is Approval

Date 4-8-91

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
3. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Approval of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

Steve Lister Sr. Agent for Manager, Western Region
Signature of Authorized Department Representative Title

Receipt No. W013182 Received by SL Fee \$35 Date 4-8-91

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

MICROFILMED
MAY 20 1992

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources
within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name DENNIS BOY HEIDI M. PATTERSON
Address 4712 PIERCE PARK LN BOISE
Drilling Permit No. 63-91-W-105
Water Right Permit No. 63-11509 (PENDING)

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

3. PROPOSED USE

- ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

4. METHOD DRILLED

- ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
2.50 inches	6 inches	1 feet	78 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ NoWas a packer or seal used? ☐ Yes ☒ NoPerforated? ☐ Yes ☒ NoHow perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____

Type _____ Model No. _____

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 18' Material used in seal: ☐ Cement grout☒ Bentonite ☒ Puddling clay ☐ _____Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing☒ Overbore to seal depthMethod of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strata

Describe access port _____

7. WATER LEVEL

Static water level 7 feet below land surface.Flowing? ☐ Yes ☒ No G.P.M. flow _____

Artesian closed-in pressure _____ p.s.i.

Controlled by: ☐ Valve ☐ Cap ☐ PlugTemperature 54 °F. Quality GOOD

Describe artesian or temperature zones below.

8. WELL TEST DATA

☒ Pump ☐ Bailer ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
50 (AIR)	55	1
30 (PUMP)	26	12

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8	0	3	TOP SOIL		☒
	3	18	SAND & GRAVEL	☒	
6	18	36	GRAVEL	☒	
	36	71	SAND	☒	
	71	73	CLAY		☒
	73	75	SAND	☒	
	75	84	BROWN CLAY		☒
	84	86	SAND	☒	

RECEIVED
MAY 15 1991

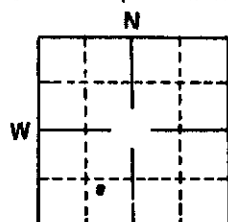
Department of Water Resources

RECEIVED
MAY 7 1991Department of Water Resources
Western Regional Office

10.

Work started 4-8-91 finished 4-19-91

6. LOCATION OF WELL

Sketch map location must agree with written location.Subdivision Name ADDITIONALLot No. _____ Block No. MAY 20 1992County ADASE 1/4 SW 1/4 Sec. 19, T. 4 S ☒ N ☐ S ☐ R. 2 E ☒ W ☐

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.Firm Name COONSE WELL DRILLING Firm No. 409Address EAGLE, IDA Date 4-19-91Signed by (Firm Official) Ray E. Coonseand
(Operator) Ray E. Coonse

April 30, 1992

HEIDI M. PATTERSON
DENNIS B. PATTERSON
4712 PIERCE PARK LANE
BOISE ID 83703

PROOF DUE NOTICE

RE: PERMIT NO. 63-11509

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before July 1, 1992. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

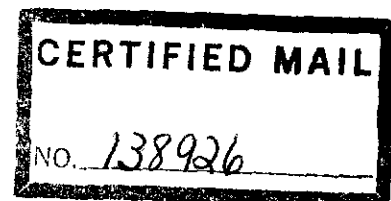
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures

RECEIVED
MAY 10 1992





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

June 24, 1991

HEIDI M. PATTERSON
DENNIS B. PATTERSON
4712 PIERCE PARK LANE
BOISE, ID 83703

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-11509

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.

Enclosed is 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 is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

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.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

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JUL 15 1991

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707

LEGAL ADVERTISING INVOICE

Amount Due

79.68

Account Number 47628		Identification Notice of Application for Water Right	
Ordered By Gail Garrett	P.O. Number	Rate nt	Run Dates April 18, 25, 1991
Idaho Dept. of Water Resources Western Region 2735 Airport Way Boise ID 83705		Estimated Inches 1	Real Inches 8196

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11506

MURGOITIO, J.C.
5985 SOUTH LOCUST GROVE
MERIDIAN, ID 83642
Source: GROUNDWATER
Diversion Pt: SWSW Sec 32 T 03N R 01E
Use: IRRIGATION (3.000 CFS)
Total Diversion: (3.000 CFS)
Date Filed: 4/1/1991
In: T02N R01E S06 Lot 1 (NENE)
Lot 2 (NWNE) SWNE SENE
T03N R01E S31 SWNE SENE
NESE NWSE SWSE SESE
S32 NWSW SWSW SESW
290.0 ACRES TOTAL

63-11507

MAKI, ALLAN E.
7776 PIERCE PARK
BOISE, ID 83703
Source: SPRING Tributary: SINKS
Diversion Pt: NWNWSE Sec 18 T 04N R 02E
Use: IRRIGATION (.140 CFS)
DOMESTIC (.040 CFS)

Total Diversion: (.180 CFS)
Date Filed: 4/1/1991
In: T04N R02E S18 SWNE NWSE
5.0 ACRES TOTAL

63-11509

PATTERSON, HEIDI M.
PATTERSON, DENNIS B.
4712 PIERCE PARK LANE
BOISE, ID 83703
Source: GROUNDWATER
Diversion Pt: SWSESW Sec 19 T 04N R 02E
Use: IRRIGATION (.030 CFS)
Total Diversion: (.030 CFS)
Date Filed: 4/8/1991
In: T04N R02E S19 SESW
0.5 ACRES TOTAL

63-11516

BARNES, EVELYN
BARNES, DALE R.
1623 S. LATAH
BOISE, ID 83705
Source: GROUNDWATER
Diversion Pt: NWNW Sec 21 T 03N R 02E
Use: IRRIGATION (.060 CFS)
Total Diversion: (.060 CFS)
Date Filed: 4/1/1991
In: T03N R02E S21 NWNW
2.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before MAY 6, 1991.
R. KEITH HIGGINSON, Director
Pub. Apr. 18, 25, 1991 8196

Richardson, being duly

and says: That she is the Principal Clerk of The a daily newspaper printed and published at Boise, of Idaho, and having a general circulation therein newspaper has been continuously and uninterruptedly County during a period of twelve consecutive the first publication of the notice, a copy of which is that said notice was published in The Idaho conformity with Section 60-108, Idaho Code as two

ekly ☐ consecutive daily ☐ single ☐ odd skip

hing with the issue of Apr. 18, 1991

he issue of Apr. 25, 1991

Denise Richardson

SS.

COUNTY OF ADA

On this 25th day of April in the year of 1991, before me, a Notary Public, personally appeared Denise Richardson, 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 she executed the same.

NOTARIAL

JUL 15 1991

Notary Public for Idaho
Residing at Boise, ID

My commission expires: 5/97

63-11509

PATTERSON, HEIDI M.
PATTERSON, DENNIS B.
4712 PIERCE PARK LANE
BOISE, ID 83703

Source: GROUNDWATER

Diversion Pt: SWSESW Sec 19 T 04N R 02E

Use: IRRIGATION (.030 CFS)
Total Diversion: (.030 CFS)

Date Filed: 4/ 8/ 1991

In: T04N R02E S19 SESW

0.5 ACRES TOTAL

MICROFILMED

JUL 15 1991