

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08007

Priority: April 10, 1980

Maximum Diversion Rate:
Maximum Diversion Volume:¹

0.13 CFS
29.8 AF

This is to certify, that DENNIS GARDNER
P.O. BOX 708

RATHDRUM, ID 83858

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 10, 1980; and has submitted Proof of Beneficial Use on March 7, 1985. An examination indicates that the works have a diversion capacity of .130 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	0.07 CFS	29.0 AF
STOCKWATER	01/01 to 12/31	0.02 CFS	0.2 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.13 CFS	29.8 AF

LOCATION OF POINT(S) OF DIVERSION:

NWNW , Sec. 28, Township 52N, Range 04W
KOOTENAI 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>
52N	04W	28	NWNW	10		10

Total number of acres irrigated: 10

PLACE OF USE: STOCKWATER, same as IRRIGATION use

PLACE OF USE: DOMESTIC, same as IRRIGATION use

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. Domestic use is for 1 home.

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MAR 23 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 95-08007

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 25TH
day of JANUARY, 1990.

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

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MAR 23 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant DENNIS GARDNER Phone 687-0948
Post office address BR 3, Box 312-B, Rathdrum, Id. 83858
2. Source of water supply Ground which is a tributary of _____
→ 3. Location of point of diversion is NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE 5-22-80 J.J. NW $\frac{1}{4}$ ¼ of Section 28 Township 52N
Range 34E B.M. Kootenai County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.14 for Irrigation purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.02 for Stock purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.04 for Domestic purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.20 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 280' x 8" well, 7½ hp
submersible pump & pipe line.

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

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

c. Proposed well diameter is 8" inches; proposed depth of well is 280 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year – maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

→ (1) Give the place of use of water: NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE 5-22-80 J.J. NW $\frac{1}{4}$ ¼ of Section 28 Township 52N
Range 34E B.M.

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

(3) List number of each kind of livestock to be watered 10 hd.

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 1.

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

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
52N	4W	28						10											10

Total number of acres to be irrigated 10

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

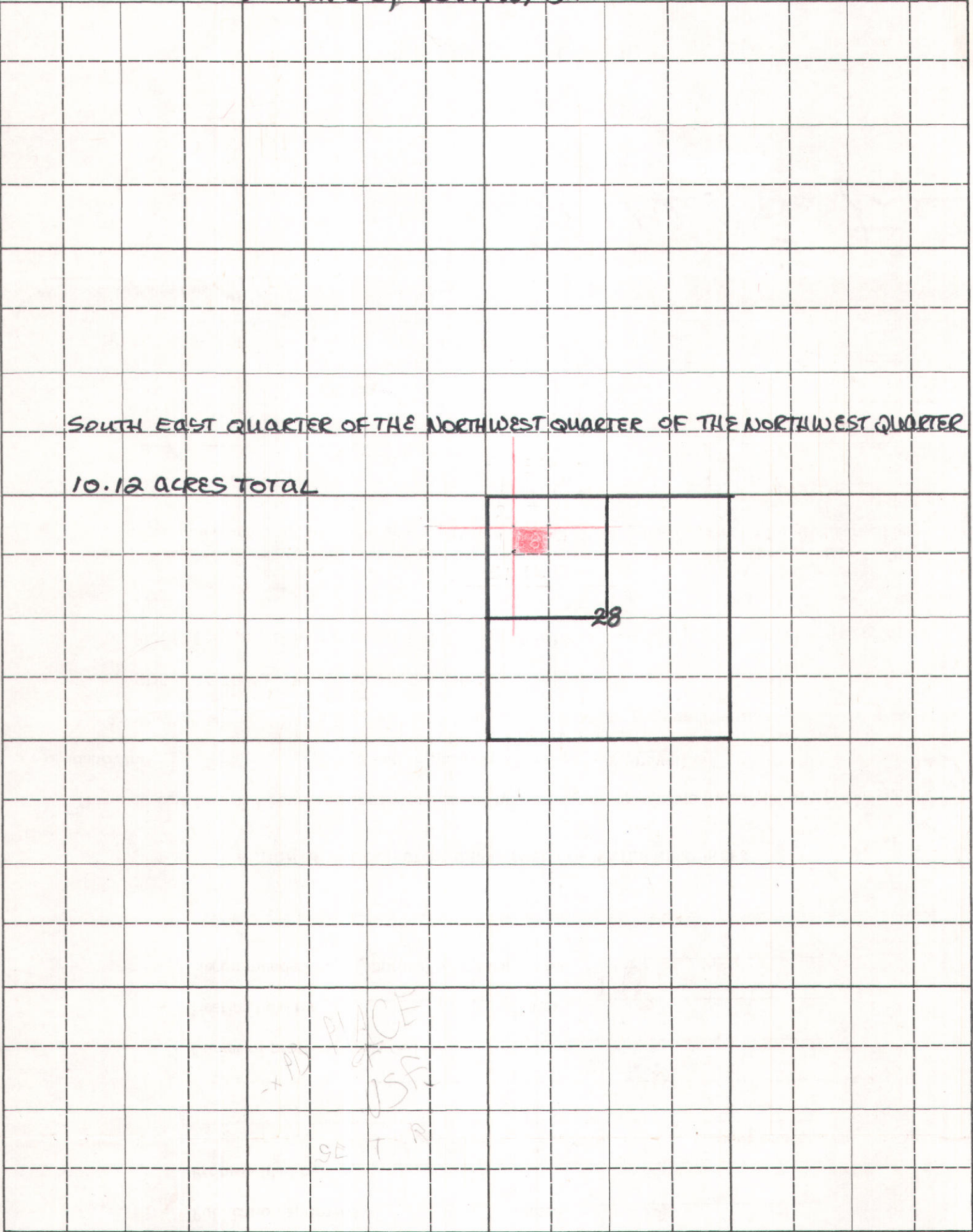
b. Who owns the land to be irrigated or place of use Applicant

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.

SECTION 28, 52N4W, B.M.



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.

x Dennis A. Gardner
(Applicant)

Proposed Priority 4/10/80

Received by pm Date 4/10/80 Time 12:50pm

Preliminary check by RA Fee \$ 20.00

RA Received by pm Date 4/11/80 (16919)

Publication prepared by KK Date 4/17/80

Published in Coeur d'Alene Press

Publication dates 4/24 - 5/1/80

Publication approved pm Date 5/2/80

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by RA Jim

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. 95-8007, 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 May 1, 19 85.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: _____

Witness my hand this 23rd day of May, 19 80.

L. Glen Sayton

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

95-8007
Permit No.

RECEIVED

JUN 29 1987

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad
- ☒ Check for Government Lots. If so, make a copy of Government Plat

Department of Water Resources

Check of P/D index h 9/18/86 (Initial and date)

Overlap? ☐ yes ☒ no If yes: ☐ copy of exam(s) attached?
Type of Overlap? ☐ Add acres or uses to existing system
☐ Increase rate of flow or volume
☐ Other: _____

Check of P/U index h 9/18/86 (Initial and date)

Overlap? ☐ yes ☒ no If yes: ☐ copy of water right(s) attached?
Type of Overlap? ☐ Increase rate of flow or volume PERMIT 95-8378 I.D. GW
☐ Add P/D's → 95-8449 I.D. GW
☐ Increase number of acres within tracts
☐ Other: _____

Aerial Photo

Required? ☐ yes ☒ no If yes: ☐ copy attached?

Scheduling Letter sent? _____ (Initial and date)

- ☒ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☐ Photographs of Point of Diversion and Place of Use
- ☒ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

These are
in the same
40 ac. track
but are in
a different
10 AC track
and don't belong
to Gardner.

J.A.

C. Review and Processing:

Exam Completed Jennifer Arguies 5-6-87 (Signature of examiner and date)
Exam Reviewed by Senior Water Resource Agent h 6/1/87 (Initial and date)
Exam Reviewed by Manager of Regional Office REDA 6/24/87 (Initial and date)
Exam Date Entered in Computer h 6/24/87 (Initial and date)
Exam sent to State Office h 6/25/87 (Initial and date)
Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION

REMARKS / PHOTOS

PERMIT # 95-8007

DATE

INITIALS

95-29-87 Called → ~~the~~ No one home - call back J.A.
6-1-87 TALKed to Mrs Gardner and she will
call when i.R. and set up time
to do exam - currently they are
not i.R. to capacity J.A.
6-5-87 Appt. 6-5-87 9:00 AM

To Jenny 95-8007
Date 6/2/87 Time 9:25 AM

WHILE YOU WERE OUT

of Dennis Gardner
Phone 687-2388

Telephoned	☒	Please call	☐
Called to see you	☐	Will call again	☐
Wants to see you	☐	Returned your call	☐

Message re: exam appt.
she wants to set up an appt.

Operator

MicroFILMED

MAR 23 1990



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PERMIT # 95-8007

INITIALS

← Pump

ONE Domestic



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← 155



TWP. 52 N., RGE. 4W SEC. 28 MAP # 1"=660' PERMIT # 95-8007
DATE OF EXAM 6-5-87

RECEIVED

JUN 29 1987

Form 219
6/86

STATE OF IDAHO DEPARTMENT OF WATER RESOURCES BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 95-8007

1. Owner: Dennis A. Garder

Phone No. _____

Current Address: Box 708, Rathdrum Idaho, 83858

2. Accompanied by: _____

EXAM. DATE: 6-5-87

Address: _____

Phone No. 6-5-87

Relationship to Permit Holder: _____

3. Source: Ground Water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE

☐ Copies Attached

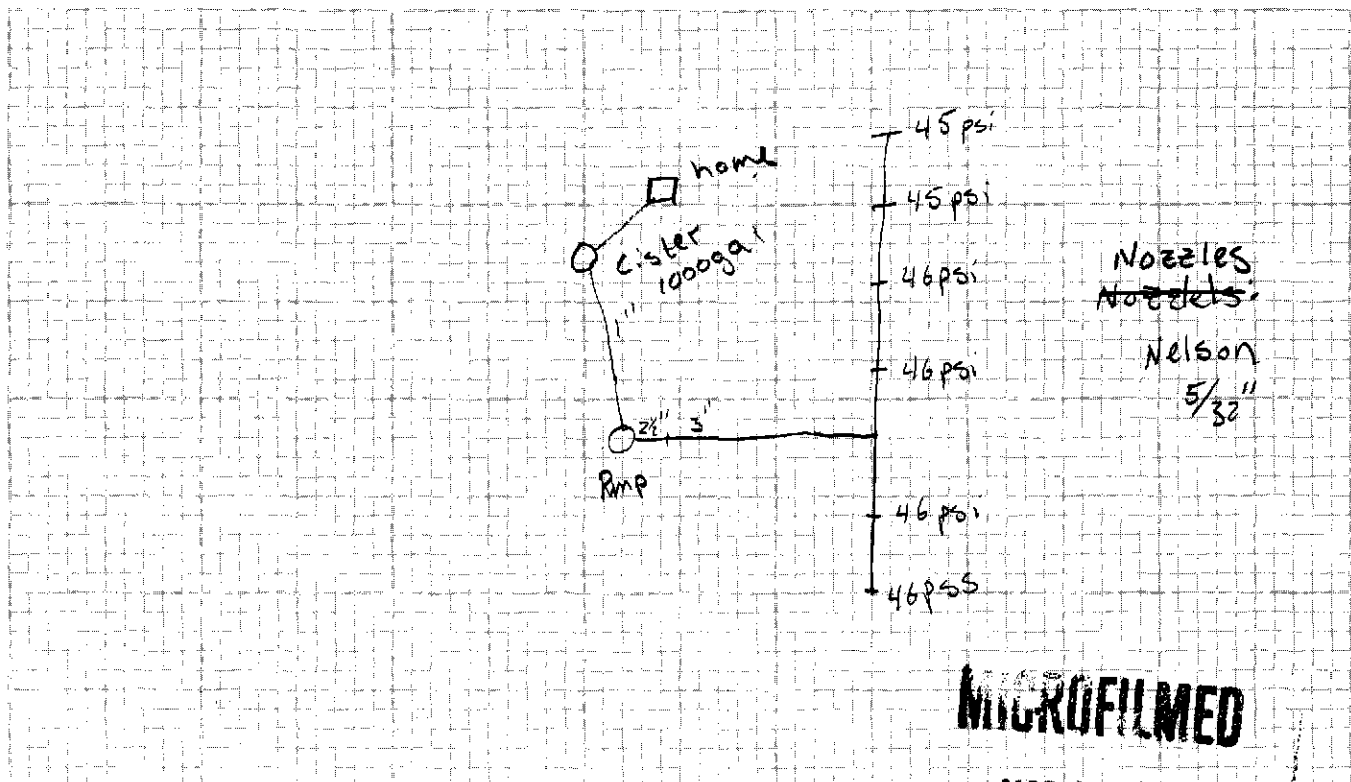
2. Other water rights with same point of diversion: NONE

☐ 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



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Scale: 1" = _____

2. ☒ Copy of U.S.G.S. 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 or more).

☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

System Description (continued)

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

From pump "T" 3" to 1" and 1" to cistern (1000 gal).
 Irr of 10 ac., Domestic one, irr includes lawn
 and garden. 3" line runs 6 sprinkler heads,
 Stockwater 5,
 All ~~nozzles~~ ^{nozzles} are Nelsons 5/32"

☐ 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
Submersible	Berkley	7.5			2 1/2"

*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	NW	28	52N	4W	Kootenai	MAP - Permit

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	
52N	4W	28						DIO											10
Total																			10

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Pressure gauge						

2. Measurements:

6 Nelson 5/32" Nozzles, Press = 46 psi, 46 psi, 46 psi, 46 psi, 45 psi, 45 psi

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

$$Q_T = \frac{8.8(7.5)(1.75)}{2.3(40) + 240} = .15 \text{ cfs}$$

$Q_D = .04 \text{ cfs}$
 $Q_{stock} = .02 \text{ cfs}$
 $Q_{irr} = .067 \text{ cfs} = .07 \text{ cfs}$ From Attachment #1

2. Alternate Method for Checking Purposes:

$$Q_T = .2 \text{ cfs via permit}$$

$Q_D = .04 \text{ cfs}$
 $Q_{stock} = .06 \text{ cfs}$
 $Q_{irr} = .14 \text{ cfs}$

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:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 35 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 29 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 29 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$V_{Dom} = 1.2 \text{ AF} = .6 \text{ AF}$$

only .6 AF because the lawn and garden volume is taken into consideration included in irr.

$$V_{stock} = .2 \text{ AF}$$

H. REMARKS AND OVERLAP REVIEW ANALYSIS

No overlapping rights

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>Domestic</u>	<u>1-1</u>	<u>12-31</u>	<u>.04</u>	<u>1.2 -6</u>
<u>Stock</u>	<u>1-1</u>	<u>12-31</u>	<u>.02</u>	<u>.2</u>
<u>Irrigation</u>	<u>3-15</u>	<u>11-15</u>	<u>.07</u>	<u>29</u>
Totals:			<u>.13 cfs</u>	<u>30.4 29.8 AF</u>

2. Recommended Amendments

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

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

☒ None

J. AUTHENTICATION

Field Examiner's Name

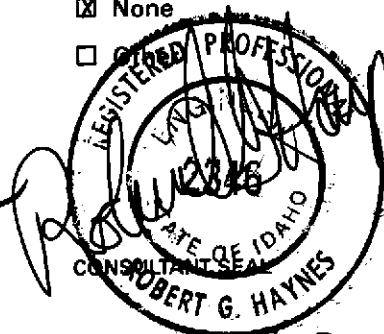
Jennifer Argraves

Signature

Jennifer Argraves

Certification Date

Field Report Preparation Date



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

for 6/5/89

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Measured Flow

@ 45 psi: $Q = 4.72 \text{ gpm} = .0105$

@ 46 psi: $Q = 4.77 \text{ gpm} = .0106$

4 @ 46 psi: $Q = 4(.011) = .044$

2 @ 45 psi: $Q = 2(.011) = .022$

$\Sigma .066$

$Q_{irr} = .066 \text{ cfs} = .07 \text{ cfs}$

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42-381 30 SHEETS 3 SQUARE
42-381 100 SHEETS 3 SQUARE
42-386 200 SHEETS 3 SQUARE
MADE IN U.S.A.



4/86

RECEIVED
MAY 2 1986

Department of Water Resources
Northern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received KK
Date 5/2/86
Receipt # 32030
Receipt by KK
Sent to S.O. 5/5/86

RECEIVED
MAY 7 1986

1. Permit No. 95-8007

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

Department of Water Resources

☐ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: DENNIS A. GARDNER

3. Post Office Address: Box 708

RATHDRUM, ID 83858 Telephone No. 687-2388

4. Source of Water: GROUNDWATER

5. Extent of Use:

Domestic 1 (No. of households) Stockwater 10 (No. and type of stock)

Irrigation 10 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted .20 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

1979

8. Person to contact to accompany the department representative during the field examination:

Dennis Gardner
(Name)

(Address)

(Telephone Number)

☐ I choose to have the field examination conducted by a certified night examiner. Attached is a statement from the certified examiner verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

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MAR 23 1990

5/2/86
Date

Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

RECEIVED
MAR 7 1985

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 95-8007

Name(s) of Permit Holder: DENNIS A. GARDNER

Post Office Address: Box 708 RATHDRUM IDAHO 83858

Telephone No. 687-2388

Source of Water: well

Extent of Use:

Domestic 2 (number of households)

Stockwater 2 horses + 10 cattle (number and type of stock)

Irrigation 10 Acres (acres)

Other/Remarks _____

Indicate the date water was first diverted and beneficially used under this permit: 1983

Measuring Device: Required? ☐ Yes ☒ No
Installed? ☐ Yes ☐ No

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

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

DENNIS A. GARDNER
(Name)

LOLO DAILE 687-2388
(Address) (Telephone Number)

The above information is a true statement of the extent to which the above numbered permit has been developed.

3/4/85
Date
Dennis Gardner
Signature of Permit Holder (and Title, if appropriate)

MICROFILMED

IDENT. NO. 95-8007

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

WATER RIGHT
DATA ENTRY LOG[illegible]

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

95-8007

INITIAL REVIEW BY: BJA

APPLICATION NUMBER: 87

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department. Copies sent by: _____ Date: _____
☐ Idaho Fish and Game Department. _____
☐ Idaho Department of Lands. _____
☐ U.S. Bureau of Land Management. _____
☐ U.S. Forest Service. _____
☐ Other _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
Final date for protests: 5/12/80
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 5/12/80
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
4/10/80 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: BJA Date: 5/13/80

FILED

STATE OFFICE REVIEW:

Correct item 3 & 8

- ☐ See attached sheet for more information.

By: J. Smith Date: 5/22/80