

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08615

Priority: March 15, 1989

Maximum Diversion Rate:

0.08 CFS

Maximum Diversion Volume:

3.6 AF

This is to certify, that WALTER G BORLEY

PO BOX 680

RATHDRUM ID 83858-0680

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 15, 1989; and has submitted Proof of Beneficial Use on May 5, 1992. An examination indicates that the works have a diversion capacity of 0.080 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>
DOMESTIC	01/01 to 12/31	0.08 CFS	3.6 AF

LOCATION OF POINT(S) OF DIVERSION:

NENW , Sec. 27, Township 52N, Range 04W
KOOTENAI County

PLACE OF USE: DOMESTIC

TWN RGE SEC

52N 04W 27

NENW

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 3 homes.

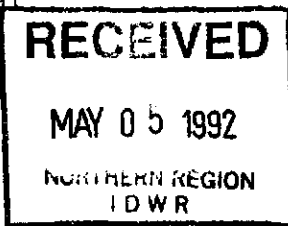
This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 22ND day of AUGUST, 1995.

Acting for

KARL J. DREHER, Director

RECORDED

AUG 28 1995



RECEIVED
MAY 08 1992

OFFICE USE ONLY
Amt. of Fee \$ 150.00
Date 7-16-92
Receipt No. 15413
Receipt by R. Smith

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form 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, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 95-08615 Telephone No. 687-0540
2. Name(s) of Permit Holder(s): Walter G. Borley
3. Mailing Address: PO Box 680 Rathdrum ID 83858
4. Source of Water: Groundwater

If **GROUNDWATER**, Well Driller's Name: H₂O Date Drilled: 5/4/89

OPTIONAL:

Pump horsepower: 5 Pressure (psi): 45 Dynamic pumping level (ft.): 258

5. Extent of Use (as authorized by the permit):

Domestic 3 ^{5/8/92} ~~5/8/92~~ ^{5/8/92} (No. of households) Stockwater _____ (No. and type of stock)
Irrigation 0 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted 0.08 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? ____ Yes X No Installed? ____ Yes ____ No

OR
Flow Measurement Port: Required? ____ Yes X No Installed? ____ Yes ____ No

8. Fee Enclosed: \$ _____ (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

As Above

Name

Telephone No.

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.

Date

Walter G. Borley
Signature (and title, if on behalf of a company or organization)

AUG 28 1995

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 95-8615

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant WALTER G BORLEY ²⁰⁸ Phone 487-0540
Post office address PO Box 680, Rathdrum, ID 83858
2. Source of water supply Ground water which is a tributary of _____
3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of _____ $\frac{1}{4}$, Govt. Lot _____
Sec. 27 Township 52N Range 4W B.M. Kootenai County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

- wD* Amount 0.08 for Irrigation purposes from 3/15 to 11/15 (both dates inclusive)
(cfs or acre-feet per annum)
- Amount 0.08 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)
- 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: Well and Pump

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

b. Height of storage dam NA 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 8 inches; proposed depth of well is _____ 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
5 years (minimum 1 year).

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SEP 27 1989

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

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. 3
- e. Other; describe fully. _____

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. 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	
WB 52N	4W	27					4												4
							0												

Total number of acres to be irrigated 4

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

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: _____

SEP 27 1989

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



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.

Walter S. Borley
(Applicant)

Proposed Priority 3/15/89

Received by DL Date 3/15/89 Time 12:30 pm Preliminary check by JK
Fee \$ 30.00 30.45 st Receipted by DL # N00.2504 Date 3/15/89
Publication prepared by pm Date 3/29/89 Published in 4/6-13/89
Publication approved pm Date 1/17/89

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. 95-8615, 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 July 1, 19 92.
- 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: Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 7th day of June, 1989.

J. M. Saylor

MICROFILMED

SEP 27 1989

MEMORANDUM

DATE: August 7, 1995
TO: File No. 95-08615
FROM: Cindy Zimmerman
SUBJECT: Adjustments to Beneficial Use Exam

=====

The following adjustments were made on the field exam.

1. Source was not identified on field report, but according to photos taken at examination and well log, the source is **groundwater**.
2. Point of diversion & place of use description per othroquad is NENW, S27, T52N, R04W.
3. Rate of Diversion.
 - a. Domestic use for 3 homes = **0.08 cfs**.
4. Annual Volume.
 - a. Domestic use = # homes x 1.2 AF/hm = 3 x 1.2 = **3.6 AFA**.

AUG 28 1995

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUL 13 1995

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 95-8615

1. Owner: WALTER BORLEY Phone No. 687 0540

Current Address: P.O. Box 680 Pocatello Id 83858

2. Accompanied by: _____ EXAM DATE: 4/12/95

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

* 3. Source: _____ tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: _____

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
					NE NW 27	52	4N	Kootenai	Site # 4365

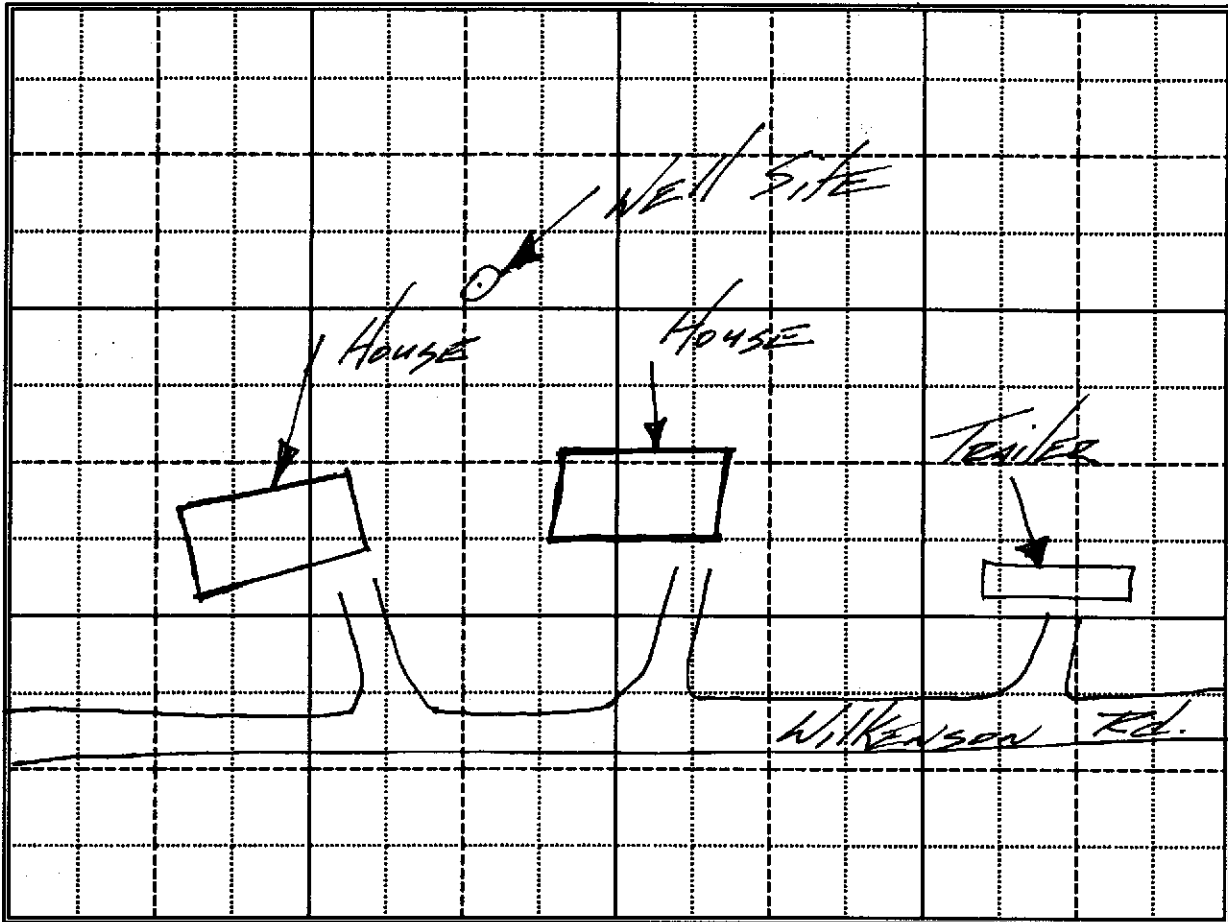
* 2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
52	4N	27					D												3

AUG 28 1995

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



Scale: 1" = _____

____ Copy of USGS Quadrange 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
		/			

*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

2. Measurements: _____

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

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F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

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>DOMESTIC</u>	<u>1-1</u>	<u>12-31</u>	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			_____	_____

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 Charlotte Brown Date 5/22/95

Reviewer _____ Date _____

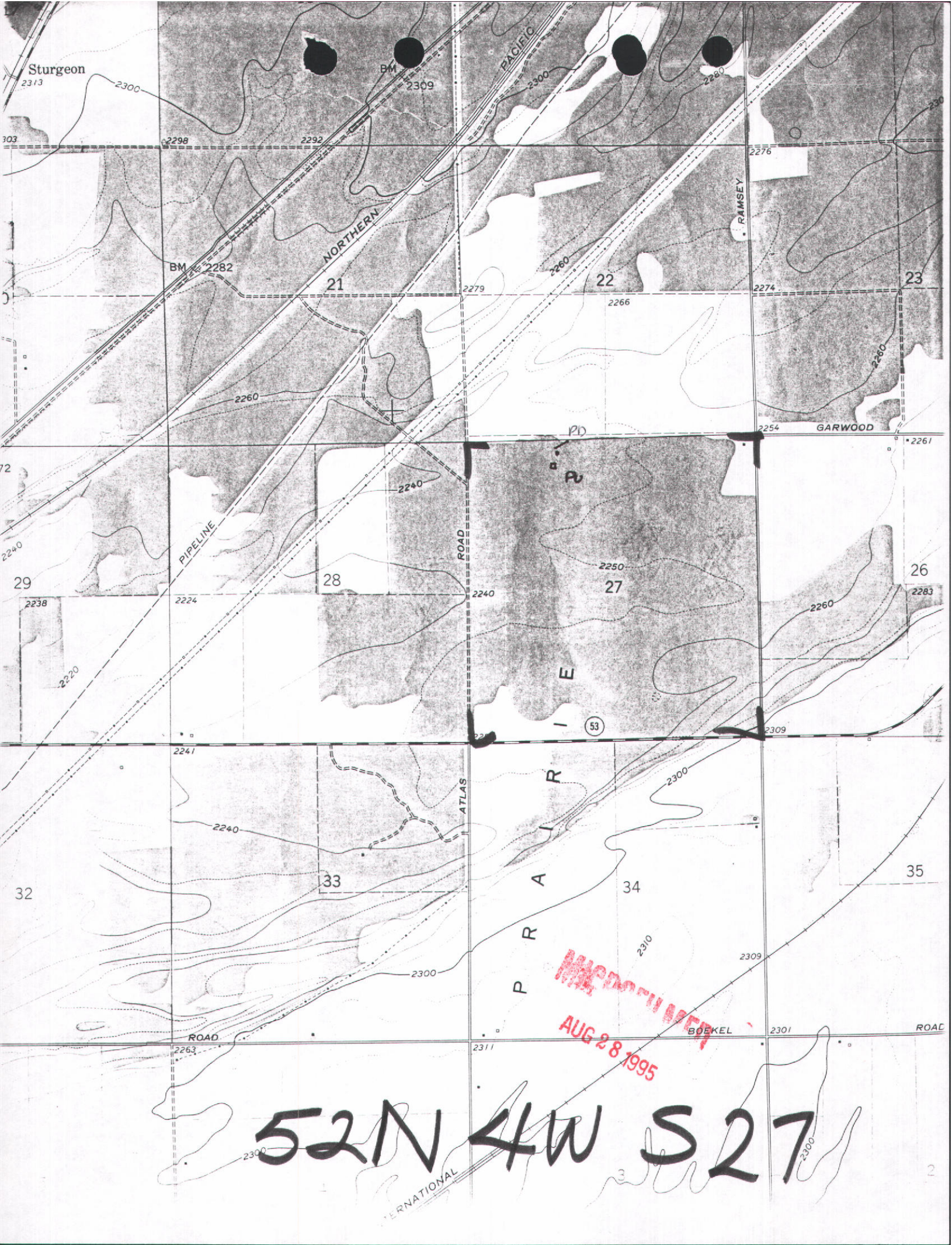
SEAL

* Adjustments made during review of this report for licensee approval.
See memo for additional information, 8/7/95 cz.

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AUG 28 1995





Sturgeon

2313

2300

BM

2309

PACIFIC

2300

2280

2298

2292

2276

BM

2282

NORTHERN

21

2279

22

2266

23

2274

2260

2260

2260

2254

GARWOOD

2261

2240

22

22

2250

27

26

2283

2260

PIPELINE

ROAD

2240

28

29

2238

2224

2220

2241

2240

ATLAS

PR

RA

IR

34

35

2310

2309

ROAD

2263

2311

AUG 28 1995

BOEKEL

2301

ROAD

52N 4W S27

INTERNATIONAL

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
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.

✓

[illegible]



← P.D.



AUG 28 1995

← P.D.



AUG 28 1995

9020102 N 1 1 1 2

← P.D.



AUG 28 1995

0000100 N 1 1 2

F P.O. #1



AUG 28 1995

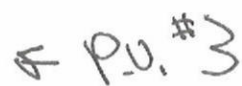
9320122 H 1 N 1 2

F P.D



AUG 28 1995

← P.U. #2



AUG 28 1995

RECEIVED

APR 17 1989

Drilling Permit No. 95-89-N-11
 Water Permit No. _____
 Injection Permit No. _____

State of Idaho
 Department of Water Resources

DRILLING PERMIT

Department of Water Resources

(Authorizing Construction of a Well)*

1. Applicant Walt Barley
2. Address PO Box 680
Rathdrum 83858 Telephone 687-0540
☒ Well Owner ☐ Well Operator ☐ Other, specify _____
3. Proposed well location NE 1/4 NW 1/4, or Gov't lot No. _____,
 Sec. 27, Twp. 52N, Rge. 4W, County Kootenai,
 Lot, block and subdivision _____
4. Proposed use of well: (Check all that apply).
☒ Domestic ☐ Stockwater ☐ Monitoring
☐ Irrigation ☐ Industrial ☐ Municipal
☐ Injection ☐ Other, Specify _____
5. Well construction information:
☒ New well ☐ Deepen ☐ Replace
 Proposed surface diameter 6" Maximum depth 300'
 Anticipated bottom hole temperature:
☒ 85°F or less (Cold water well)
☐ 85°F to 212°F (Low temp. geothermal well)
☐ 212°F or more (Geothermal well)
6. Anticipated construction start date 4-3-89
7. Well Driller (if known) HZO
 Address Hayden
8. Applicant's signature John Wheeler AUG 28 1995
 Title Driller
 Date 4-3-89

* After other pre-requisite approvals have been obtained.

* Fee is \$10 for single family domestic. Other uses may be \$100, \$50 or \$10.

ACTION OF IDWR

☒ Approved () Denied

The approval of this permit authorizes the construction of a well as described on this application subject to the conditions on this permit.

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 its date of issuance for the start of construction and is valid for one (1) year from the date of issuance for completion of the well unless an extension has been granted.
3. This permit does not constitute the 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. Issuance 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.

SPECIFIC CONDITIONS:

Dated this 11 day of April, 19 89.

Signed

Title

David W. Laid
Engineering Geologist

Received by _____ Fee _____ Date _____

Receipt No. N002771 Construction start extension to _____

Extension approved by _____

APPROVED
AUG 28 1995

Form 239-7
9-82

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
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.

USE TYPEWRITER OR
BALLPOINT PEN

N

1. WELL OWNER Name <u>Walt Orley</u> Address <u>Northdram Idaho</u> Owner's Permit No. <u>9589-A-11</u>		7. WATER LEVEL Static water level <u>258</u> feet below land surface. Flowing? ☐ Yes ☒ No G.P.M. flow _____ Artesian closed-in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug Temperature _____ of Quality _____ Describe artesian or temperature series below _____																																												
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)		8. WELL TEST DATA ☐ Pump ☒ Sailer ☐ Air ☐ Other _____ Discharge G.P.M. <u>10 Gpm</u> Pumping Level <u>260</u> Hours Pumped <u>4</u>																																												
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection (specify type) ☐ Other _____		9. LITHOLOGIC LOG <table border="1"><thead><tr><th>Bore</th><th>Depth</th><th>Material</th><th>Water</th></tr><tr><th>Dm.</th><th>From</th><th>To</th><th>Yield</th></tr></thead><tbody><tr><td>6</td><td>0</td><td>2</td><td>Sand</td><td>✓</td></tr><tr><td>2</td><td>70</td><td></td><td>Gravel + Cbbles</td><td>✓</td></tr><tr><td>70</td><td>80</td><td></td><td>Cbbles + Boulders</td><td>✓</td></tr><tr><td>80</td><td>126</td><td></td><td>Sand Gravel + Cbbles</td><td>✓</td></tr><tr><td>126</td><td>135</td><td></td><td>Sand + Boulders</td><td>✓</td></tr><tr><td>135</td><td>300</td><td></td><td>Sand + Gravel</td><td>✓</td></tr><tr><td></td><td></td><td></td><td>water at 258</td><td>✓</td></tr></tbody></table>		Bore	Depth	Material	Water	Dm.	From	To	Yield	6	0	2	Sand	✓	2	70		Gravel + Cbbles	✓	70	80		Cbbles + Boulders	✓	80	126		Sand Gravel + Cbbles	✓	126	135		Sand + Boulders	✓	135	300		Sand + Gravel	✓				water at 258	✓
Bore	Depth	Material	Water																																											
Dm.	From	To	Yield																																											
6	0	2	Sand	✓																																										
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126	135		Sand + Boulders	✓																																										
135	300		Sand + Gravel	✓																																										
			water at 258	✓																																										
4. METHOD DRILLED ☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary ☒ Cable ☐ Dug ☐ Other _____		10. Work started <u>3-22-89</u> finished <u>5-4-89</u>																																												
5. WELL CONSTRUCTION Casing schedule ☒ Steel ☐ Concrete ☐ Other _____ Thickness <u>4</u> inches Diameter <u>6</u> inches From <u>1</u> feet To <u>295</u> feet Was casing drive shoe used? ☒ Yes ☐ No Was a packer or seal used? ☒ Yes ☐ No Perforated? ☐ Yes ☒ No How perforated? ☐ Factory ☐ Knife ☐ Torch 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 <u>Johns</u> Model No. _____ Type <u>Telescope</u> Diameter <u>6</u> Slot size <u>40</u> Set from <u>295</u> feet to <u>300</u> feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ feet Placed from _____ feet to _____ feet Surface seal depth <u>20</u> Material used in seal: ☐ Cement grout ☒ Bentonite ☐ Pudding clay Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing ☐ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent ☐ Cemented between strata Describe access port _____		11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. Firm Name <u>H2O Well Service</u> Firm No. <u>448</u> Address <u>Idaho</u> Date <u>5-11</u> Signed by (Firm Official) <u>John Wilson</u> and (Operator) <u>Carl Eats</u>																																												
6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. _____ Block No. _____ County <u>Boone</u> <u>N.E. 1/4 Sec. 27, T.52 N., R. 4 E.</u>																																														

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT