

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 91-07088

Priority: July 1, 1983

Maximum Diversion Rate: 0.06 CFS
Maximum Diversion Volume:¹ 2.4 AF

This is to certify, that ROBERT RUSSELL
P.O. BOX 395
DARBY MT 598290395

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 1, 1983; and has submitted Proof of Beneficial Use on September 26, 1988. An examination indicates that the works have a diversion capacity of .060 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	0.06 CFS	2.4 AF

LOCATION OF POINT(S) OF DIVERSION: NENE , Sec. 14, Township 46N, Range 02W
BENEWAH County

PLACE OF USE: DOMESTIC
TWN RGE SEC

46N 02W 14 NENE

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. Diversion of water for domestic purposes is accomplished by means of a combined water delivery system from two water sources identified under this right & Right No. 91-7089. The combined rate of diversion under both rights shall not exceed 0.06 cfs.
6. Domestic use under this right is for 2 homes.

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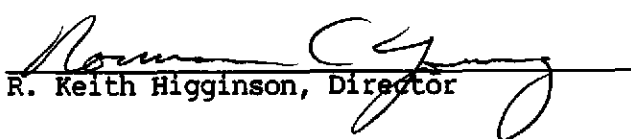
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 91-07088

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 4TH
day of NOVEMBER, 1991.

Acting for


R. Keith Higginson, Director



NOV 21 1991

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Form 202
3/78 JUL 1 1983

Ident. No. 91-7088

STATE OF IDAHO

Department of Water Resources
Northern District Office

DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Robert Rissner Phone 208 245-4547
Post office address PO Box 216 St. Maries Idaho 83861-0216
2. Source of water supply ground water which is a tributary of _____
3. Location of point of diversion is PART OF GOV. LOT 4 of Section 14 Township 46N
Range 2W B.M. BRENEWAH County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .06 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)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. .06 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

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

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 _____ inches; proposed depth of well is _____ 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: PART OF GOV. LOT 4
(1) Give the place of use of water: _____ of Section 14 Township 46N
Range 2W B.M.

(2) Amount of power to be generated: NONE horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered NONE

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 2.

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

NOT RECORDED

THE CITY OF NEW YORK OFFICE OF THE COMPTROLLER OF THE CITY OF NEW YORK

[illegible]

Total number of acres to be irrigated _____

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

9. a. Who owns the property at the point of diversion Robert Russell

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 _____

10. Remarks _____

1 MILE

OR SALE BY

SKER MAPS

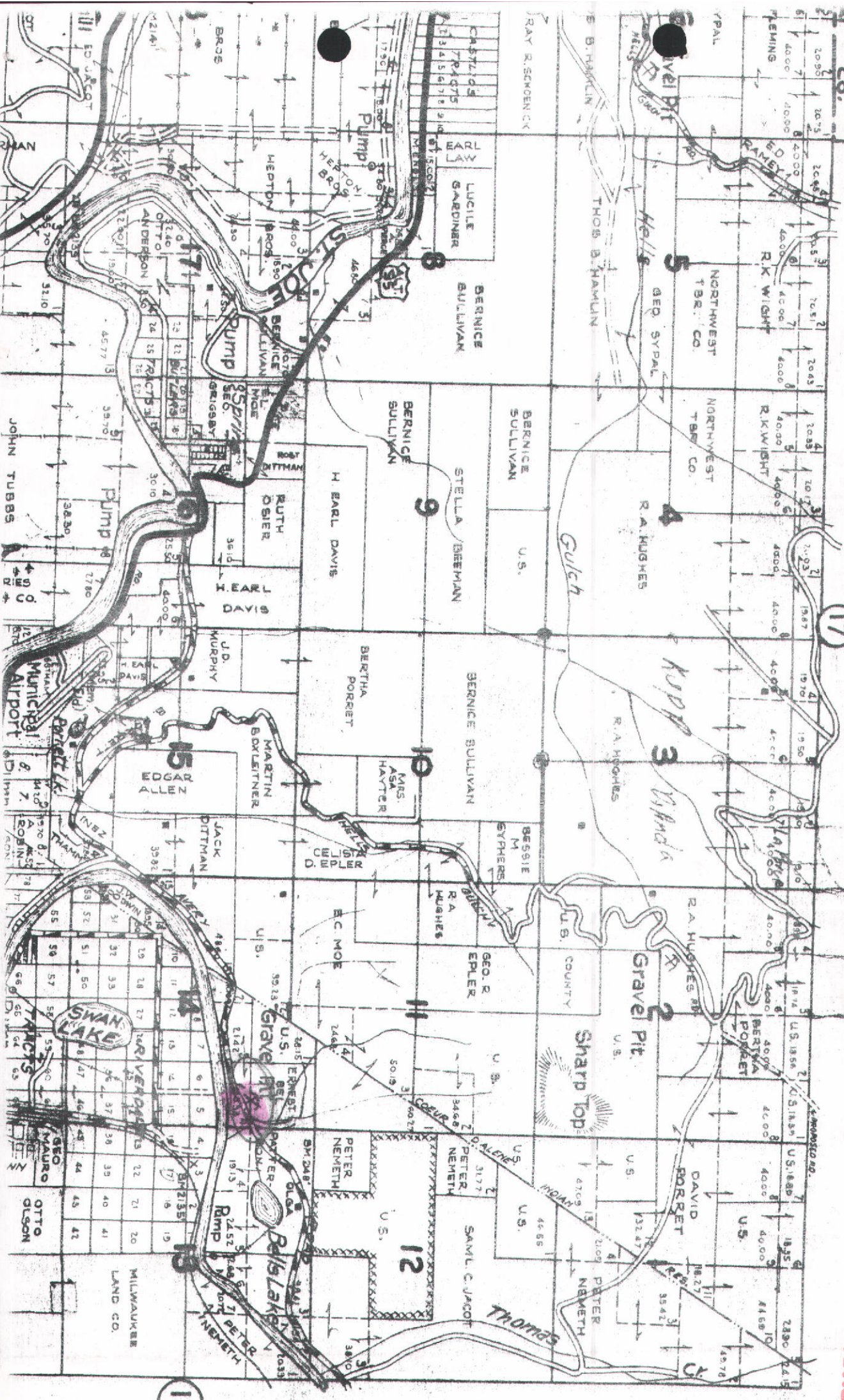
ST. TACOMA, WASHINGTON
SEATTLE, WASHINGTON

DATED FEB. 1960

TOWNSHIP 46 N., RANGE 2 W. B. M.

BENENAH COUNTY, IDAHO

MICROFILMED



- SMALL TRACTS**

 - 1. H. HEUBLE
 - 2. J. BLANK
 - 3. HILLCREST PARK
 - 4. E. MILLER
 - 5. DELBERT OLSON
 - 6. RUTH FOUNTAIN
 - 7. L. GASKILL
 - 8. LES WAREHINE
- CASTLE'S TRACTS**

Sec. 7

 - 1.2-3 RAY SCHONICK
 - 4.5-5 N. BEAL
 - 6.7-7 ARTHUR RICKLE
 - 8. N. R. RACTOR
 - 9. O. R. RACTOR
 - 10. RAY LOUNSBURG
- RIVERDALE TRACTS**

Sec. 13-14-24

 - 1. P. J. GEO. MURO
 - 2. P. J. JOHN BRENNER
 - 3. THELMA OLSTAD
 - 4. HEINER BROS.
 - 5. HEINER HEUBLE
 - 6. WOODROW BARDEN
 - 7. C. CHRISTENSEN
 - 8. WOODROW BARDEN
 - 9. HELMUT HEUBLE
 - 10. WEAVER BROS.
 - 11. THELMA OLSTAD
 - 12. JOHN BRENNER
 - 13. T. J. J. GEO. MURO
 - 14. T. J. J. WEAVER BROS.
 - 15. T. J. J. WEAVER BROS.
 - 16. T. J. J. WEAVER BROS.
 - 17. T. J. J. WEAVER BROS.
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 - 30. T. J. J. WEAVER BROS.
 - 31. T. J. J. WEAVER BROS.
 - 32. T. J. J. WEAVER BROS.
 - 33. T. J. J. WEAVER BROS.
 - 34. T. J. J. WEAVER BROS.
 - 35. T. J. J. WEAVER BROS.
 - 36. T. J. J. WEAVER BROS.
- BUTLER TRACTS**

Sec. 1

 - 1.2-3 STELLA
 - 4.5-5 J. BLANK
 - 6.7-7 ARTHUR RICKLE
 - 8. N. R. RACTOR
 - 9. O. R. RACTOR
 - 10. RAY LOUNSBURG
- ST. MARI TRS.**

 - 1.2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36
- WADE TRS.**

 - 1.2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36

This image shows a full page of blank graph paper. The grid consists of small squares formed by thin black lines. On the left side, there is a vertical margin strip containing some faint, illegible markings and a small rectangular area near the top-left corner that appears to be a stamp or label. The rest of the page is empty and ready for use.

100

Robert P. Smith
(Applicant)

Received by RMB Date 7/1/83 Time 12:30 PM
Preliminary check by [initials] Fee \$ 3000
Receipted by RMB Date 7/5/83 # 28671
Publication prepared by [initials] Date 8/3/83
Published in St. Maries Gazette Record
Publication dates 8-10 / 8-17
Publication approved [initials] Date 10/7/83
Protests filed by: none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by [initials] kw

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. 91-7088, and said application is hereby APPROVED.

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before November 1, 19 88.
- 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: 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 4 day of November, 1983.

Acting David R. Tuttle
Chief, Operations Bureau

LICENSE REVIEW CHECKLIST

Permit No. 91-7088

Name/Address change? ok ✓

Priority date Advance? yes no ✓
Memo to advance
Order to reinstate needed? yes no ✓

Total cfs Limited by fee ok
Limited by capacity ✓

Total volume Limited by flow
Chart checked for AF rate/ac N/A

Capacity Actual measurement checked
Theoretical checked
If greater than permit, check for other rts

Source Changed? yes no ✓
If so, is memo needed to clarify?

P/D Verify with map ✓ permit ✓
More than one per 1/4? Remember remark
Check p/d overlap N/A

Uses Check irrigation period of use w/ chart N/A

P/U Verify with map ✓ permit ✓
> 5 acres irrigated, run overlap N/A

Remarks More than one p/d in 1/4
Description of non-irrig uses ✓
Special overlap condition

Conditions -

Measuring device
W.Master control
Overlap
Water quality
Other

Dates/Misc. -

Water Dist
App Rec'd
Proof Rec'd

CHECK FOR ADJ. CLAIM Needed according to proof filed
Filed - needs amended
Add'l fee required
Not filed -
Not needed ✓

Comments/Changes to Examiner's Recommendations:

License ✓ 10-day 30-day

Back of field report signed?
Reviewer S. Curtis Date 7/9/91 Review time 5 min.

NOV 21 1991

SENIOR AGENT REVIEW

Check List
for
Beneficial Use Field Report

Permit 91-07088

✓ A. GENERAL INFORMATION

- ✓ 1. Name and address are most current available. (Check BU statement)
✓ 2. Exam Date
✓ 3. Source (Check Permit)

✓ B. OVERLAP REVIEW

- ✓ 1. & 2. (Rule 5,1,4)

✓ C. SYSTEM DESCRIPTION

- ✓ 1. Diversion System Diagram (Rule 5,1,3 / 5,1,4)
✓ 2. USGS (Rule 5,1,7 / 5,1,9) Aerial (Rule 5,1,17)
Photo of pd and/or pu or explanation
✓ 3. Word Picture (Rule 5,1,3 / 5,1,4)
✓ 4. Diversion (Rule 5,1,3)
✓ 5. Compare with USGS Map/Land Survey Maps/Aerial Photos/Permit.
Method of determination
✓ 6. Irrigation (Rule 5,1,8), Method of determination,
Compare USGS/Land Survey? Aerial Photos/Permit.

✓ D. FLOW MEASUREMENTS Check math (Rule 5,1,13 / 5,1,14)

✓ E. FLOW CALCULATIONS Check math (Rule 5,1,13 / 5,1,14)

✓ F. OPTIONAL

✓ G. VOLUME CALCULATIONS

- ✓ Three significant figures/not less than 0.10 (Rule 6,1,2)
Fish (Rule 5,1,11) number stock, homes, etc... (Rule 5,1,12)

✓ H. REMARKS AND OVERLAP ANALYSES

- ✓ All actual uses listed (Rule 5,1,2):
✓ All unused, permitted uses listed (Rule 5,1,2):
✓ Overlaps (Rule 5,1,4):
✓ Return flows (Rule 5,1,5):
✓ Conditions (Rule 5,1,6).

✓ I. RECOMMENDATIONS

- ✓ 1. Municipal (Rule 5,1,10): Compare with items E & G, permit, fee, capacity
(Rule 5,1,15): Measured flows for each use listed separately (Rule 5,1,14).
Period of year (Rule 5,1,13)
✓ 2. Compare permit to exam for amendments (Rule 5,1,16)

✓ J. AUTHENTICATION

✓ Name, Signature, Certification Date, Exam Date.

✓ WELL INSPECTION REPORT

✓ Check with permit and well log for discrepancies

Signature J. L. King Date 11/14/90



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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 24 1991

Department of Water Resources

A. GENERAL INFORMATION

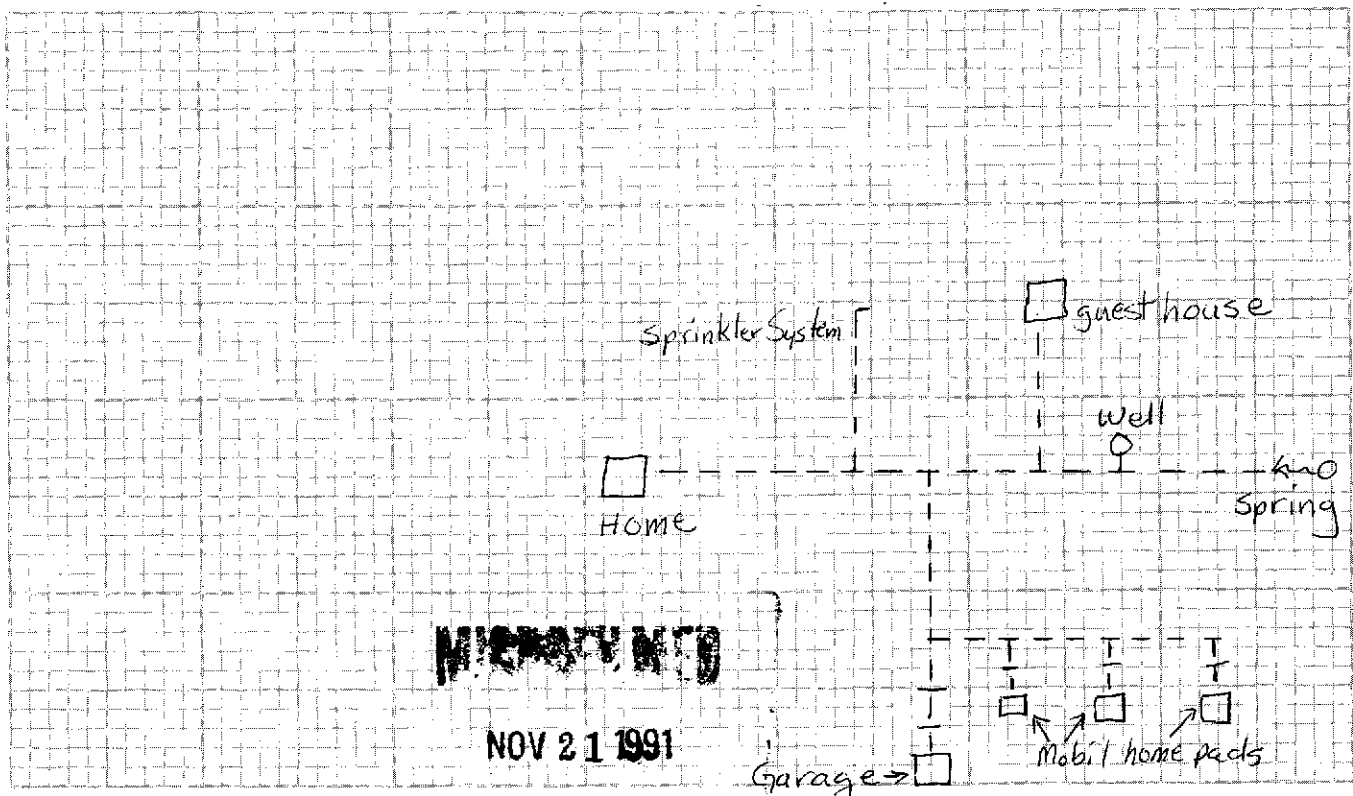
1. Owner: Robert Russell Permit No. 91-07088
Current Address: P.O. Box 395, Darby, Montana 59829 Phone No. 406-821-3261
2. Accompanied by: Don Darter EXAM. DATE: 8/15/90
Address: 600-21 730 Main Street, St. Maries, ID 83861 Phone No. 245-2551
Relationship to Permit Holder: Realtor Rep
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 91-07089 ☐ 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



Scale: 1" = N/A

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 N/A (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.)

Spring & well tie into same system which provides water to Log truck business, home and guest house. Piped spring water is controlled by valve and entire system can run off either groundwater or spring water. Well casings & valves are enclosed in a 4' diameter culvert which is sunk into the ground. All pipes are buried. There is a pipe to home, guest house, sprinkler system and Shop (Log truck business). Sprinkler system is 30 nelson pop-ups & 1, 5/2" impact sprinkler at Sopsi.

☐ 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
unavailable					

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

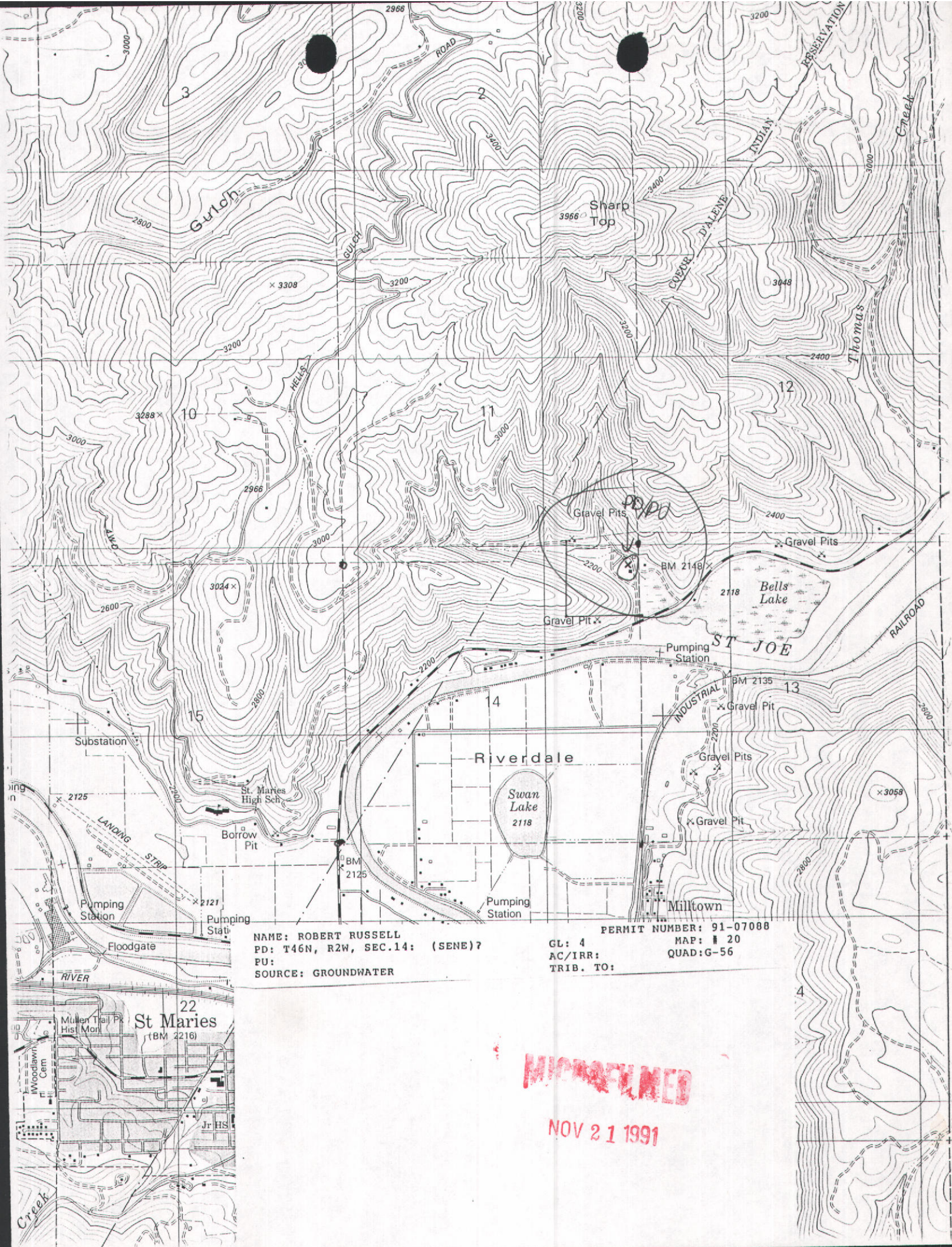
5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	W		NE	NE	14	46N	2W	Berewah	Map

6. Place(s) of Use:

Indicate Method of Determination Map

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	
46N	2W	14	D																

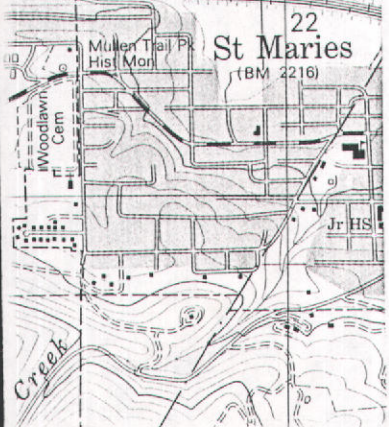


NAME: ROBERT RUSSELL
PD: T46N, R2W, SEC.14: (SENE)?
PU:
SOURCE: GROUNDWATER

PERMIT NUMBER: 91-07088
GL: 4
AC/IRR:
TRIB. TO:
MAP: # 20
QUAD: G-56

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

2 homes 0.06 cfs
from permit

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 Ampsx .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

2 homes = 2.4 AFA

NOV 21

H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic (2)	1-1	12-31	0.06 cfs	2.4 afa
Totals:			0.06 cfs	2.4 afa

2. Recommended Amendments

☐ Change P.D. as reflected above

☐ Add P.D. as reflected above

☒ None

☐ Change P.U. as reflected above

☐ Add P.U. as reflected above

☐ Other

J. AUTHENTICATION

Field Examiner's Name

Theresa J. Bright

Signature

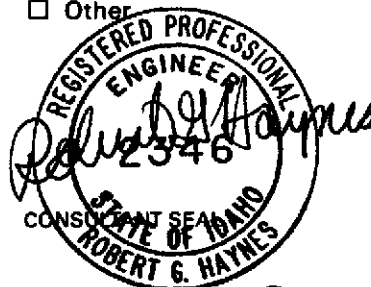
Theresa J. Bright

Certification Date

4/16/90

Field Report Preparation Date

8/25/90



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

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State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 91-07088

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. 46N N, Rge. 2W Sec. 14, NE $\frac{1}{4}$ NE $\frac{1}{4}$ Gov. Lot 4

2. Owner: Robert Russell

Address: P.O. Box 395

City Darby, State MT 59829

3. Casing $\geq$ 12 inches above ground: Yes X No

4. Access Port: Y X N
Pressure Gauge: Y N X
Flowing: Y N X

Static Water Level: 40'
Casing Diameter: 6"
Temperature: Cold

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y N X

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: Well log attached. Also well casing is
inside a 4' diameter culvert.

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1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 91-7088

Date: 10/5/88

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
Y Address change _____ If yes, prepare a data entry
Y Proof received timely _____
_____ Reinstated

Source of Water:

_____ Surface water
Y Groundwater
_____ Y 1. well log in file
_____ N/A 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

_____ Is a measuring device or access port required?
N/A Has one been installed?
N/A Waiver or modification of measuring device requested

Remarks:

Proof acceptable

N/A

Priority Calculation:

Date proof received	_____	_____
Date proof due	_____	_____
No. of days late	_____	_____
Priority date	_____	+
NEW PRIORITY. DATE	_____	=

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

RECEIVED

SEP 26 1988

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only
Fee Received \$50.00
Date 9/27/88
Receipt # 2002709
Receipt by CP
Reviewed by AK
Sent to region

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has 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. 91-07088

Name(s) of Permit Holder: Robert E. Russell

Post Office Address: P.O. Box 395 Darby, MT 59829-0395

Telephone No. 406 821-3261

Source of Water: Well

Extent of Use: Permit allows only for 2 Domestic uses

Domestic 4 2 (number of households) Stockwater Yes (number and type of stock)

Irrigation 15 (acres) 4 horses
Other/Remark Commercial Truck Shop

Total rate and/or volume for which proof is submitted 21-1.0 .06 cfs * acre-feet

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

Measuring Device: Required? Yes x No
Installed? Yes x No

Fee enclosed \$ 100.00 50.00 *
(See License Examination Fee Schedule)

* Per letter 10/3/88

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

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

(Name)

(Telephone Number)

(Address)

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

MICROFILMED

DEC 27 1988

September 23, 1988

Signature of Permit Holder (and title, if appropriate)

Owner

Date

To: File 91-7088

From: Groundwater Protection

Date: 11/4/88

14
46 ~
2 W.

Drilling Permit: ☒ Not Applicable 1983
☐ Found and in file
☐ Not Found

Well Drillers Report:

☐ Not found, due to reported age of well
probably not available
☒ Found and is in file
☐ Not found

Follow-up

☐ Request from permit holder the well
drillers report and/or the name of the
well driller, and date drilled.
☐ Ask permit holder when well was drilled
and notify holder of drilling permit
requirement if after July 01, 1987.

OK

JB.

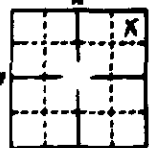
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DEC 27 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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 <u>Robert E. Goring</u> Address <u>1000 N. H. Mason Ave</u> Owner's Permit No. <u>81501</u>	7. WATER LEVEL Static water level <u>40</u> feet below land surface Flowing? ☐ Yes ☒ No G.P.M. flow <u>30</u> Artesian closed in pressure _____ p.s.i. Controlled by ☐ Valve ☒ Cap ☐ Plug Temperature _____ OF Quality <u>Good</u>																																								
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____	8. WELL TEST DATA ☐ Pump ☐ Bailor ☒ Air ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td><u>35</u></td> <td></td> <td></td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>35</u>																																				
Discharge G.P.M.	Pumping Level	Hours Pumped																																							
<u>35</u>																																									
3. PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection ☐ Other _____ (specify type)	9. LITHOLOGIC LOG <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td></td> <td>0</td> <td>86</td> <td>Blue-grey sand</td> <td></td> <td></td> </tr> <tr> <td></td> <td>86</td> <td>138</td> <td>Blue shale</td> <td></td> <td></td> </tr> <tr> <td></td> <td>138</td> <td>146</td> <td>Sand</td> <td></td> <td></td> </tr> <tr> <td></td> <td>146</td> <td>150</td> <td>Blue shale</td> <td></td> <td></td> </tr> <tr> <td></td> <td>150</td> <td>175</td> <td>Grey shale</td> <td></td> <td></td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No		0	86	Blue-grey sand				86	138	Blue shale				138	146	Sand				146	150	Blue shale				150	175	Grey shale		
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4. METHOD DRILLED ☒ Rotary ☒ Air ☐ Hydraulic ☐ Reverse rotary ☐ Cable ☐ Dug ☐ Other _____																																									
5. WELL CONSTRUCTION Casing schedule: ☐ Steel ☐ Concrete ☐ Other _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>1/4</u> inches</td> <td><u>6</u> inches</td> <td><u>2</u> feet</td> <td><u>150</u> feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ inches</td> <td>_____ inches</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> 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 <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> <tr> <td>_____ perforations</td> <td>_____ feet</td> <td>_____ feet</td> </tr> </tbody> </table> 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 <u>20</u> Material used in seal: ☐ Cement grout ☒ Pudding clay ☐ Wall cuttings Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing ☒ Overbore to seal depth Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent ☐ Cemented between struts Describe access port _____	Thickness	Diameter	From	To	<u>1/4</u> inches	<u>6</u> inches	<u>2</u> feet	<u>150</u> feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	_____ inches	_____ inches	_____ feet	_____ feet	Number	From	To	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet	_____ perforations	_____ feet	_____ feet									
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6. LOCATION OF WELL Sketch map location must agree with written location.  Subdivision Name _____ Lot No. <u>4</u> Block No. _____ County <u>Bennett</u> <u>NE 1/4 Sec. 14, T. 46 N., R. 2 E.</u>	10. Work started <u>8-14-79</u> finished <u>8-15-79</u> 11. DRILLERS CERTIFICATION I/We certify that all minimum well construction standards were complied with at the time the rig was removed. <u>Associated Well</u> Firm Name <u>William J. Inc.</u> Firm No. <u>246</u> Address <u>P.O. Box 723 Ada, Okla.</u> Date <u>8-17-79</u> Signed by (Firm Official) <u>Paul J. J. J.</u> and <u>Scott L. J. J.</u> (Operator)																																								

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

DEC 27 1989

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY:

APPLICATION NUMBER: 91-7088

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.

Field check by:

Date:

Comments:

☒ 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.

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT:

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other

Copies sent by: Date:

PROCESSING:

☐ Yes ☐ No Platted by: Map No.

☐ Yes ☐ No Other rights on same place of use.

☒ Yes ☐ No* In form for advertising.

☐ Yes ☒ No Final date for protests: 8/21/83

☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

☒ Affidavit of publication received. Date: 8/24/83

☒ 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?

☒ 7/1/83 Date of priority recommended.

Special conditions of approval or cover letter.

By: Date: 10/12/83

STATE OFFICE REVIEW:

217 26

☐ See attached sheet for more information.

By: Date: 10/31/83

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
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TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

31-2288

RUSSELL, ROBERT

P.O. BOX 216, ST. MARIES, ID 83861

Source: GROUNDWATER

Date Filed: 07/01/1983

Diversion Pt: LOT 04 Sec 14 T 46N R 02W

Use: DOMESTIC (0.06 CFS)

In: LOT 04 Sec 14 T 46N R 02W

MICROFILMED