

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

21

PID
P/M

RECEIVED
MAR 1-9 1991

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.

Bob Miller
(Applicant)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 63-11422

1. Owner: Rob Miller Phone No. 585-2427

Current Address: 9497 Hansen Rd. Middleton, ID 83644

2. Accompanied by: Rob Miller EXAM. DATE: 5-28-91

Address: Same Phone No. _____

Relationship to Permit Holder: _____

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

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

☐ Copies Attached

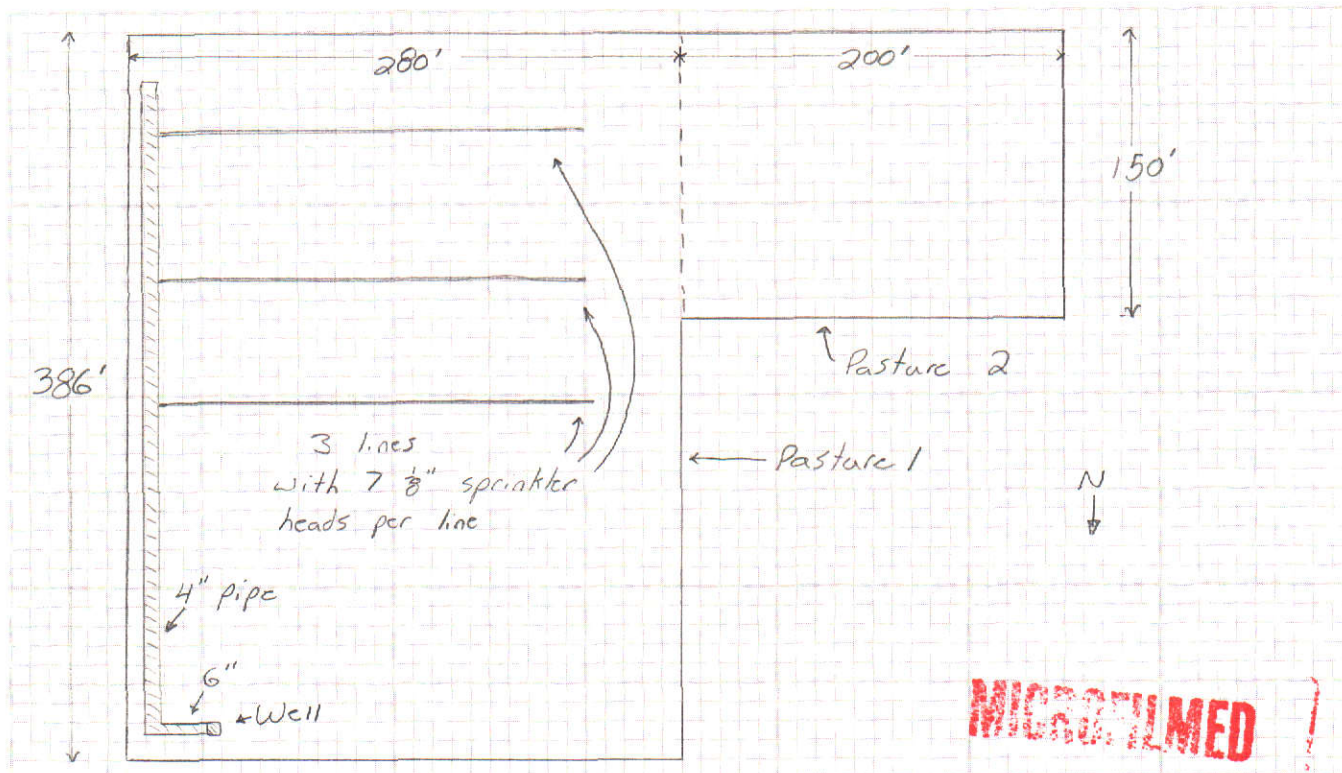
2. Other water rights with same point of diversion: None

☐ 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



Scale: 1" = 100'

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached

(required for irrigation of 10 acres or more).

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63-11422



#1

Point of
diversion.



#2

Point of
diversion.

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#3

Pasture 1.
Presently being
Irrigated.



#4

Pasture 2.

Sprinkler lines in
place. Irrigation
will begin when
grass is planted.



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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11422

Priority: November 13, 1990

Maximum Diversion Rate:

0.10 CFS

Maximum Diversion Volume:

14.4 AF

This is to certify, that ROB MILLER

9497 HANSEN RD

MIDDLETON ID 83644

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated November 13, 1990; and has submitted Proof of Beneficial Use on February 21, 1991. An examination indicates that the works have a diversion capacity of .140 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	0.10 CFS	14.4 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 21, Township 05N, Range 02W
CANYON 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>
05N	02W	21	SWSE	3.2		3.2

Total number of acres irrigated:

3.2

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.

MICROFILMED

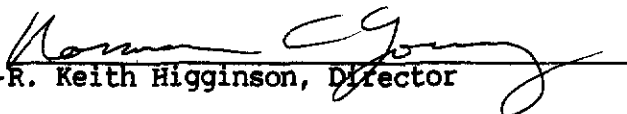
SEP 11 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11422

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 AUGUST, 1992.


Acting for R. Keith Higginson, Director



MICROFILMED

SEP 11 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-11422

Proposed Priority: November 13, 1990 Maximum Diversion Rate: 0.12 CFS
This is to certify, that **ROB MILLER**
9497 HANSEN RD.
MIDDLETON, ID 83644
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	0.12 CFS

LOCATION OF POINT(S) OF DIVERSION: SWSE Sec. 21, Township 05N, Range 02W
CANYON County

<u>PLACE OF USE:</u> IRRIGATION				
<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
05N 02W 21	SWSE 4			4
Total number of acres irrigated:				4

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before February 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.

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

6th day of February, 1991.

[Signature]
for R. Keith Higginson, Director

RECEIVED
MAR 19 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Bob Miller Phone 585-2427
Post office address 9497 Hansen Rd. Middleton ID. 83644
2. Source of water supply Groundwater which is a tributary of N/A
3. Location of point of diversion is SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of — $\frac{1}{4}$, Govt. Lot —
Sec. 21 Township 5N Range 2W B.M. Canyon County; additional
points of diversion if any: —
4. Water will be used for the following purposes:
Amount .12 for Irrigation purposes from 3/15 to 11/15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount — for — purposes from — to — (both dates inclusive)
(cfs or acre-feet per annum)
Amount — for — purposes from — to — (both dates inclusive)
(cfs or acre-feet per annum)
Amount — for — purposes from — to — (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) .12 and/or (b) —
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. 8" Well, Sprinkler Sys.
—
—
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 8 inches; proposed depth of well is unk. feet.
d. Is ground water with a temperature of greater than 90°F being sought? N
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1 years (minimum 1 year).

MAR 19 1991

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

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

9. Description of place of use:

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

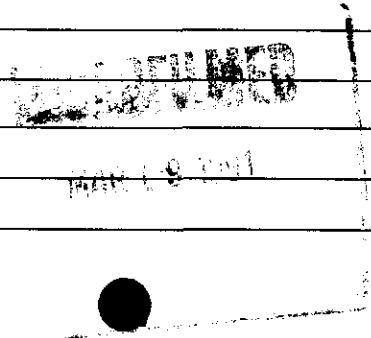
TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
5N	2W	21															4		4

Total number of acres to be irrigated 4

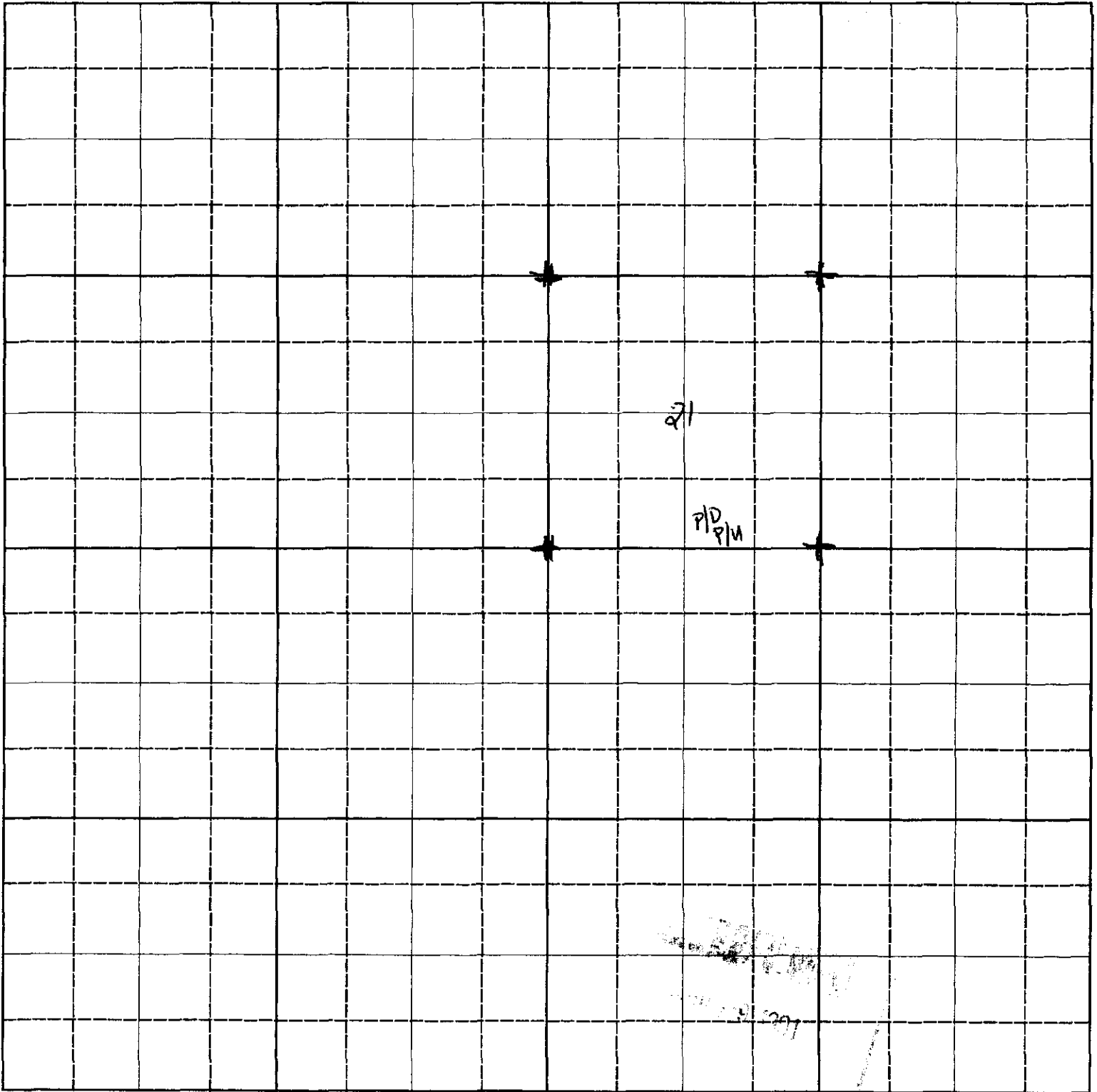
10. Describe any other water rights used for the same purposes as described above. _____

- Who owns the property at the point of diversion? Applicant
- Who owns the land to be irrigated or place of use? Applicant
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____



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



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.

Bob Miller
(Applicant)

Received by RW Date 11-13-90 Time 9:30 AM Preliminary check by R
Fee \$ \$30.00 Received by RW # W012853 Date 11-13-90
Publication prepared by GG Date 11/28/90 Published in Press-Tribune
12/5 & 12/12/90
Publication approved st Date 12-21-90

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. _____, and said application is hereby _____.

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before

_____, 19____.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

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

e. Other:

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11077

MIYAKE, BOB S.
11941 KARCER RD.
NAMPA, ID 83651

Source: GROUNDWATER

Diversion Pt: SWSSE Sec 12 T 03N R 03W

Use: IRRIGATION (.360 CFS)
Total Diversion: (.360 CFS)

Date Filed: 12/13/1989

In: T03N R03W S12
18.0 ACRES TOTAL

NESE

SESE

63-11422

MILLER, ROB
9497 HANSEN RD.
MIDDLETON, ID 83644

Source: GROUNDWATER

Diversion Pt: SWSE Sec 21 T 05N R 02W

Use: IRRIGATION (.120 CFS)
Total Diversion: (.120 CFS)

Date Filed: 11/13/1990

In: T05N R02W S21
4.0 ACRES TOTAL

SWSE

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 DECEMBER 24, 1990.
R. KEITH HIGGINSON, Director
December 5, 12, 1990

AFFIDAVIT OF PUBLICATION

E OF IDAHO)
) ss.
ty of Canyon)

arla Ward

mpa, Canyon County, Idaho, being first duly sworn, deposes
ays:

That I am a citizen of the United States of America, and at all
; hereinafter mentioned was over the age of eighteen years,
ot a party to the above entitled action.

That I am the Principal Clerk of the Idaho Press-Tribune, a
, (except Saturday) newspaper published in the City of
pa and Caldwell, in the County of Canyon, State of Idaho;
the said newspaper is in general circulation in the said
ty of Canyon, and in the vicinity of Nampa and Caldwell, and
(.120 CFS)
(.120 CFS) een uninterruptedly published in said County during a period
venty-eight consecutive weeks prior to the first publication of
tice, a copy of which is hereto attached.

That the notice, of which the annexed is a printed copy, was
shed in said newspaper

two times
he regular and entire issue of said paper, and was printed in
ewspaper proper, and not in a supplement.

4. That said notice was published the following dates:

December 5, 12, 1990

STATE OF IDAHO)
)
COUNTY OF CANYON)

On this 12th day of December in the
year of 1990, before me, a Notary Public, personally
appeared Sharla Ward, known
or identified to me to be the person whose name subscribed to the
within instrument, and being by me first duly sworn, declared
that the statements therein are true, and acknowledged to me that
he/she executed the same.

Notary Public for Idaho
Residing at Nampa

MY COMMISSION EXPIRES
JULY 12th, 1991

RECEIVED
DEC 17 1990

Department of Water Resources
Western Regional Office

August 26, 1992

ROB MILLER
9497 HANSEN RD
MIDDLETON ID 83644

RE: WATER RIGHT NO. 63-11422

Dear Water Right Holder(s):

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

Sincerely,

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

MAILED
SEP 11 1992

August 4, 1992

ROB MILLER
9497 HANSEN RD
MIDDLETON ID 83644

RE: WATER RIGHT NO. 63-11422

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

MIDDLETON
SEP 11 1992

LICENSE REVIEW CHECKLIST

Permit # 63-11422

Date 7-29-92 28

	Yes	No	
NAME	☐	☒	Address Change?
PRIORITY DATE	☐	☒	Advance?
	☐	☒	Memo to Advance
	☐	☒	Order to Reinstate Needed?
TOTAL CFS	☐	☒	Incorrect Fee for rate recommended?
	☒	☐	Disagree with Actual Measurement?
			<u>3.2 x .03 = .096 ≈ .10 cfs</u>
	☒	☐	Disagree with Theoretical? <u>5 x 8 x .7 = .116</u>
	☐	☐	Limited by Capacity? <u>.14 cfs (measured)</u>
TOTAL VOLUME			Rate/ac <u>4.5</u> AFA Irr. Season <u>D</u>
			<u>3-15 to 11-15</u> Standard Irr. Season
			<u>Same Per Permit</u> Season Recommended
	☐	☒	Disagree with Examiner's Calculations?
			<u>3.2 x 4.5 = 14.4 gfa (IRR)</u>
	☐	☒	Limited by Flow?
SOURCE	☐	☒	Changes? Clarification of <u>Originally</u>
	☐	☒	<u>Intended</u> source
	☐	☒	Notice of Intent to Void.
P/D			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
P/U			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
USES	☐	☒	Change(s) in Nature of Use?
	☐	☒	Amendment Needed?
REMARKS	☐	☒	Multiple P/Ds in 1/4 1/4?
	☐	☒	Non-Irr. Uses
	☐	☒	Special Overlap Condition
	☐	☒	Other
CONDITIONS	☐	☒	Measuring Device
	☐	☒	W/Master Control
	<u>R52</u>	☐	Overlap
	☐	☒	Water Quality
			DATES/MISC
		☒	Water Dist.
		☒	App Rec'd
		☒	Exam Made
COMMENTS/MEMOS NEEDED:	<u>Reduced Acres. rate</u>		
	<u>100' static level / used 150' dynamic est +</u>		
	<u>50 psi low end estimate</u>		
License	☐	☒	10-Day
	☐	☒	15-Day
	☐	☒	Special Correspondence

WR0749NP
No. L63-11422

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

DATE: 07/29/92
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ROB MILLER 9497 HANSEN RD MIDDLETON ID 83644 (208) 585-2427	11/13/1990	IRRIGATION	03-15 11-15	0.10 CFS	14.4 AFA
TOTAL DIVERSION:					0.10 CFS	14.4 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.14 CFS

Point(s) of Diversion: T05N R02W S21 SW SE

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
05N	02W	21	:																	:	
																			03	:	3.2
																			TOTAL ACRES	:	3.2

Pou County: CANYON

Other Water Rights with Same Point(s) of Diversion and Source:
63-11422

Other Water Rights Listing Overlapping Place(s) of use:
63-11422

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.

Dates:	App. Received:	11/13/1990	Priority Date:	11/13/1990
	Proof Due Date:	02/01/1992	Proof Made Date:	02/21/1991
	Exam Made Date:	05/28/1991	Exam Sent to S.O.:	03/30/1992
	Licensed Date:			

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

Audit: 07/29/92 SKAGGS

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 63-11422

1. Owner: Rob Miller Phone No. 585-2427

Current Address: 9497 Hansen Rd. Middleton, ID 83644

2. Accompanied by: Rob Miller EXAM. DATE: 5-28-91

Address: Same Phone No. _____

Relationship to Permit Holder: _____

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

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

☐ Copies Attached

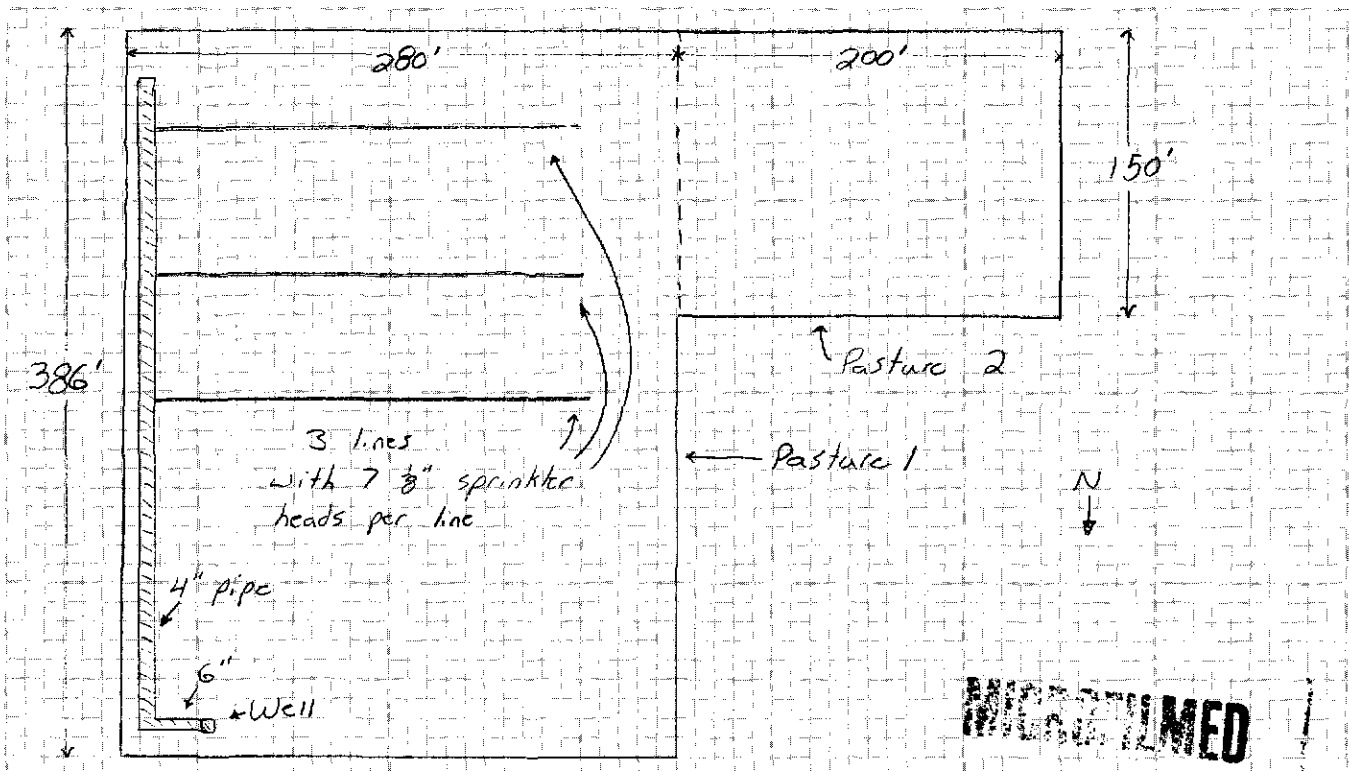
2. Other water rights with same point of diversion: None

☐ 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



Scale: 1" = 100'

SEP 11 1992

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

System Description (continued)

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

A pump on the northeast corner of the property had a 1 1/2" dia discharge. A 6" mainline led away from the pump for approx. 30'. The pipe joined with a 4" aluminum pipe which stretched the length of the pasture, approx. 300'. Three 4" sprinkler lines branched off of the mainline. Each line had 7 1/2" sprinkler heads. The average pressure in the heads was 39 psi. The second pasture was not being watered at this time.

☒ 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
N/A	N/A	5HP	N/A	Myers	1 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
			SW	SE	21	5N	2W	Canyon	U.S.G.S. Photo Quad/Confirmed by OWNER

6. Place(s) of Use:

Indicate Method of Determination USGS Photo Quad/Pacing

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	
5N	2W	21															32		32. Ac.

RESERVED

SEP 11 1992

Do not use this space

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:

21 heads all 1/8" Readings: 39, 39, 39, 38, 38, 39
 From Nozzle discharge table & interpolation
 = 2.92 GPM/head

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Permit .12 cfs

1. Measured Method:

Nozzle discharge table 2.92 GPM x 21 heads / 448.8 = .14 cfs

2. Alternate Method for Checking Purposes:

H.R. efficiency method = .09 cfs theoretical

F. PUMP EFFICIENCY DATA (Optional)

(3.2 ac) x (.03 cfs/ac) = .096 x .10 cfs.

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{3.2 \times 4.5}{(Ac) (Ac-Ft/acre)} = 14.4 \text{ aFt}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .14 \text{ cfs} \times 246 \times 1.9835 = 68.3 \text{ cfs}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 14.4 \text{ aFt}$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

The dynamic level of the pump had to be estimated from the well by for the owner's home. The house well was approx. 300' away, and had a draw down of 100'. The discharge pressure also had to be estimated based on an accepted value of 60 psi.

Total acreage measured by pacing.

$$386' \times 280' + 200' \times 150' = 138,080 \text{ sq. ft.}$$

$$138,080 \text{ sq. ft.} / 43,560 \text{ sq. ft.} = 3.2 \text{ acres}$$

I. RECOMMENDATIONS

1. Recommended Amounts

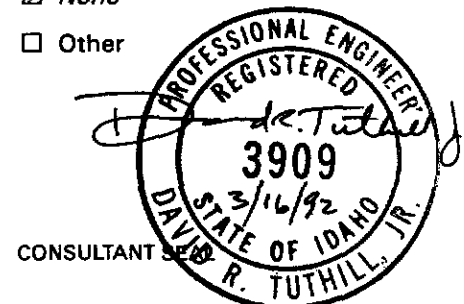
Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
Irrigation	3-15	11-15	.10 cfs	14.4 AFA
Totals:			.10 cfs	14.4 AFA

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 Mark Senior
JFW 2/14/92 Signature Mark Senior
Certification Date _____
Field Report Preparation Date 5-28-91



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

MICROFILMED

SEP 11 1992

IRRIGATION RIGHT FROM A GROUND WATER SOURCE

A theoretical calculation is necessary to determine if a measurement is required for irrigation from a groundwater source.

=====

1. Using the found acres (or an estimate by the permit holder) calculate the acre-foot per annum limit. This is the volume that the system must be able to theoretically produce to exclude a rate of flow measurement.
2. Next, given the pump hp and the estimated dynamic water level, calculate the theoretical rate of flow that the system can produce.
3. Using the rate found in step 2 and the days in the permitted irrigation season, calculate the theoretical AFA that the system could produce. This volume is then compared to the first AFA calculation. If the theoretical volume (step 3) is greater than the irrigation requirement volume (step 1) then no measurement is necessary. If it is less, then you must make a diversion rate measurement during the field examination.

1.
$$\frac{3.2}{\text{Found Acres}} * \frac{4.5}{\text{Irr. Req.}} = \frac{14.4}{\text{AFA}}$$
2.
$$\frac{(5) \text{ HP} * 8.8 * (.70) \text{ EFF}}{(200') \text{ Dyn Level} + (2.3 * \{60\} \text{ PSI})} = \frac{.09}{\text{Theor. Div. Rate}} \text{ CFS}$$
3.
$$\frac{.09}{\text{Theoretical Div. Rate}} * \frac{246}{\text{Days in season}} * 1.9835 = \frac{43.9}{\text{AFA}}$$

Note: for electrical motors
EFF = 0.70
for diesel motors
EFF = 0.60

Data Requires Verification	☐
Measurement Required	-- ☐
Measurement Not Required	☒

Calculation data sources:

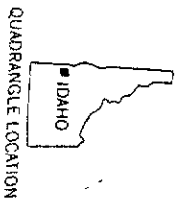
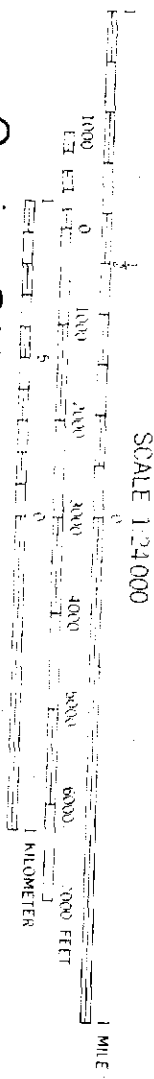
Found acres = 3.2a - measured
 HP = 5
 Dyn Level = 200 - estimated from house well
 PSI = 60 - estimated

MICROFILMED
SEP 11 1982

PERMIT 65-11422 INIT
T. R. S. 0/0
P/D SW 26 SW 32 SE
SCALE
PHOTO ID. W-56

Copies Of These Maps Can Be Obtained
At Bonneville Blue Print, Boise Idaho

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, MENLO PARK, CALIF. 94025



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SEP 11 1992

CANYON CO
ADA CO

SOUTHWEST EMME
N4345-W116307

1981

Department of Water Resources

WELL INSPECTION FORM

If well is associated with water right, provide WR# 63-11422

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

1. Legal Description: TWP 5N, Rge 2W, Sec. 21, SW 1/4 SE 1/4 or Lot .

2. Owner: Rob Miller

Address 9497 Hansen Rd., City Middletown, St IO

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

4. Access Port:	Yes <u>☒</u> No <u> </u>	Static Water Level:	<u>100'</u>
Pressure Gauge:	Yes <u> </u> No <u>☒</u>	Casing Diameter:	<u>6"</u>
Flowing:	Yes <u>☒</u> No <u> </u>	Temperature:	<u> </u>

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes No ☒

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

Remarks:

MICROFILMED

SEP 11 1992

63-11422



#1

Point of
diversion



#2

Point of
diversion

MICROFILMED

SEP 11 1992

#3

Pasture 1.
Presently being
Irrigated.



#4

Pasture 2.

Sprinkler lines in
place. Irrigation
will begin when
grass is planted.



WILSON

SEP 11 1963

May 14, 1991

ROB MILLER
9497 HANSEN RD.
MIDDLETON, ID 83644

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-11422

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,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

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JUN 04 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 63-11422

Date 4-11-91

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address same as permit? If no, indicate below.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☐ Surface water source
☒ Ground water source
yes Drill permit req'd?
by Copy in file? Drill permit no. 63-91-W034
900 Amt paid for drilling permit? Y Correct?
☐ Well log in file?

LICENSE EXAMINATION FEE

- ☒ Required?
50.00 Amount submitted?
☒ Correct amount?

MEASURING DEVICE

- No Measuring device or access port required?
☐ Installed?
☒ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

needs well log and drilling permit OK

OK acceptable

PRIORITY CALCULATION

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

LB

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FEB 21 1991

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

For Office Use Only

Amt. of Fee \$ 50.00Date 2-21-91Receipt No. W013029Received by RW

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. 63-11422 Telephone No. 585-2427

2. Name(s) of Permit Holder(s): Rob Miller

3. Post Office Address: 9497 Hansen Rd Middleton 83644

4. Source of Water: Groundwater

a. If ground water, well driller's name: Charles Davis Date drilled: 2-22-91

b. Pump horsepower: 5hp Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use:

Domestic _____ (No. of households)

Irrigation 4 (No. of acres)

Stockwater _____ (No. and type of stock)

Other _____

6. Total rate and/or volume for which proof is submitted .12 cfs _____ acre/feet

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

Measuring device: Required? Yes ☒ No Installed? Yes ☒ No

OR

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

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

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

Rob Miller

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

2-21-91

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

Rob Miller

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]

RECEIVED

FEB 21 1991

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR DRILLING PERMIT

1. Applicant (please print) Rob Miller
2. Mailing Address 9497 Hansen Rd Middleton 83644
Telephone 585-2427

☒ Well Owner () Well Operator () Other, specify _____

3. Proposed well location SW 1/4 SE 1/4, or Gov't Lot No. _____

Sec. 21 Twp. 5N Rge. 2W County Canyon

Street Address of Well Site _____

Lot, block and subdivision _____

4. Proposed use of well:

- () 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 250

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 ☒ 2/22/91

7. Anticipated Well Driller DAVIS WELL DRILLING
NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's signature Rob Miller Date 2-21-91

Title _____
(Owner, Firm Representative, Other)

ACTION OF THE DEPARTMENT OF WATER RESOURCES

This Permit is

Approved

Date

2-21-91

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:

Robert Whitney SI Agent
Signature of Authorized Department Representative

For Regional Mgr
Title

Receipt No. 4613029 Received by RW Fee 200 Date 2-22-91

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

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

JUN 04 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 - (208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

February 8, 1991

ROB MILLER
9497 HANSEN RD.
MIDDLETON, ID 83644

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-11422

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.

You should be aware that you are located within a drainage basin where surface water diversions are regulated by a watermaster. It is possible that diversion of groundwater under your permit may cause a reduction of surface water flow. Siting your well as far as possible from surface water channels and casing your well

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so that groundwater tributary to surface water flows are not diverted will reduce the potential for the watermaster to regulate your water use.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

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MAY 18 1991

APPLICATION FOR PERMIT REVIEW

Application #: 63-11422
Date: 1-30-91

Reviewer: [Signature]

Pam Skaggs ²³

Existing:

☒ No

☒ Complete in 1 year

Yes

Proof not submitted

Proof submitted

Groundwater:

GT. 0.7 cfs

LT. 0.7 cfs

Drilling Permit:

Approved w/permit

☒ Not included

Location:

Water Districts

Surface water

☒ Groundwater

Irrigation Districts

Canal Co. Areas

Drainage Districts

Boise Front (63)

☒ Swan Falls Flag

Trust

Non Trust

River Basins:

(Surface Water)

Boise (63)

Payette (65)

Snake (01, 02 & 03)

Use:

Fish Propagation

Power

Mining

Storage

Domestic

Ownership:

Non land owner

Protested:

Agreement

Minimum Stream Flow:

Overlapping uses

Beneficial Use Due Date:

Other Conditions Recommended

- 26A-P17

- P16

- P16

- N/A

- 01G-P03, 01C-P03(existing well)

- N/A

- P99

- 046-P23(All GW, even existing wells)

- WD No. 63

- 005, 005-01H-P01(LT.7 w/pump)

005-01J-P08(GT.7)

- P05

- 023

- 023

- 024

- 058 (Groundwater)

- (1 or Blank)

- 051-052-053-P74(Cons.), 041(DCMI, w/Irr

- 048-049 or Irr & Dom)

- Water District Control Condition &....

- 11D-P72

- 047-P04, 059-P71

- 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

- 002-P06, 06A, 007, 09E-P10, 010, 042, 044

- (less than 25cfs P18), 01F-P19, 08A(Req.),

- 17K, 17G-17M(Choose One), 025

- 06A, 006, 09E-P10, 010, 54

- 18A-P09(In W.D.), 18B-P09(Size)

- 021(restricted areas)

- 004

- 020

- 029-P20

- 02-01-1992

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Form No. 202a.
10/90

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: FL DATE: 11/19/90 APPLICATION: 63-11422

REQUIRED INFORMATION

☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume) Gov't. Lots:
☒ Period of use: N P/D
☒ Nature of proposed use: (Include description of use) N P/U
☒ Description of diverting works:
☒ Time required for beneficial use of water:
☒ Place of use or acres irrigated:
☒ Map:
☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
☒ Fee:
☒ Yes ☐ No* In form to receipt:

ADDITIONAL INFORMATION

YES NO

N/A

irrig & 5 acres

Overlapping place of use: (Describe source & relationship to present application on the back.)

Overlapping point of diversion:

Field check required: Field check by: _____

Field report attached:

Critical groundwater area:

Groundwater management area:

Diversion within interim protected river area

Send dam safety information:

Send power requirement letter:

Send fish farm requirement letter:

Power residency affidavit:

Power efficiency form:

Within trust water boundary: (If yes, attach Trust Water Supplementary Analysis Sheet.)

Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)

*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

DATE REQUESTED: _____

Additional information on reverse side:

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DEC 28 1990

Department of Water Resources

PROCESSING

APPLICATION NO. 63-11422

YES NO

☒ ☒
☒ ☒
☒ ☒

In form for advertising:

Statewide advertising:

Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

I.D. Health and Welfare

I.D. Fish and Game

I.D. Lands

Adjudication Bureau

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

U.S. BLM

U.S. Forest Svc.

Water Dist. # _____

Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ ☒
☒ ☒

Affidavit of publication received:

Application published correctly: If not, record action taken.

☒ ☒
☐ ☒
☐ ☒
☐ ☒
☐ ☒
☐ ☒
☐ ☒
☐ ☒
☐ ☒
☐ ☒

Publication dates and paper recorded on application:

Protests received. Final date for protest December 24, 1990

Protest dates, resolution of protest recorded on application:

Recommendations attached: Approved, DNR

Measuring device required:

Measuring port required:

Water delivered by water master? District # _____

Special conditions of approval or cover letter: _____

☒ See below for additional information

Recommended Date or Priority 11/13/1990

Recommended by: DA Date 12/24/1990

STATE OFFICE REVIEW

☐ See below for additional information. By _____ Date _____

ADDITIONAL INFORMATION

63-11422

MILLER, ROB
9497 HANSEN RD.
MIDDLETON, ID 83644

Source: GROUNDWATER

Diversion Pt: SWSE Sec 21 T 05N R 02W

Use: IRRIGATION (.120 CFS)
Total Diversion: (.120 CFS)

Date Filed: 11/13/ 1990

In: T05N R02W S21 SWSE

4.0 ACRES TOTAL

RECORDED
11/13/1990