

$43^{\circ} 45'$

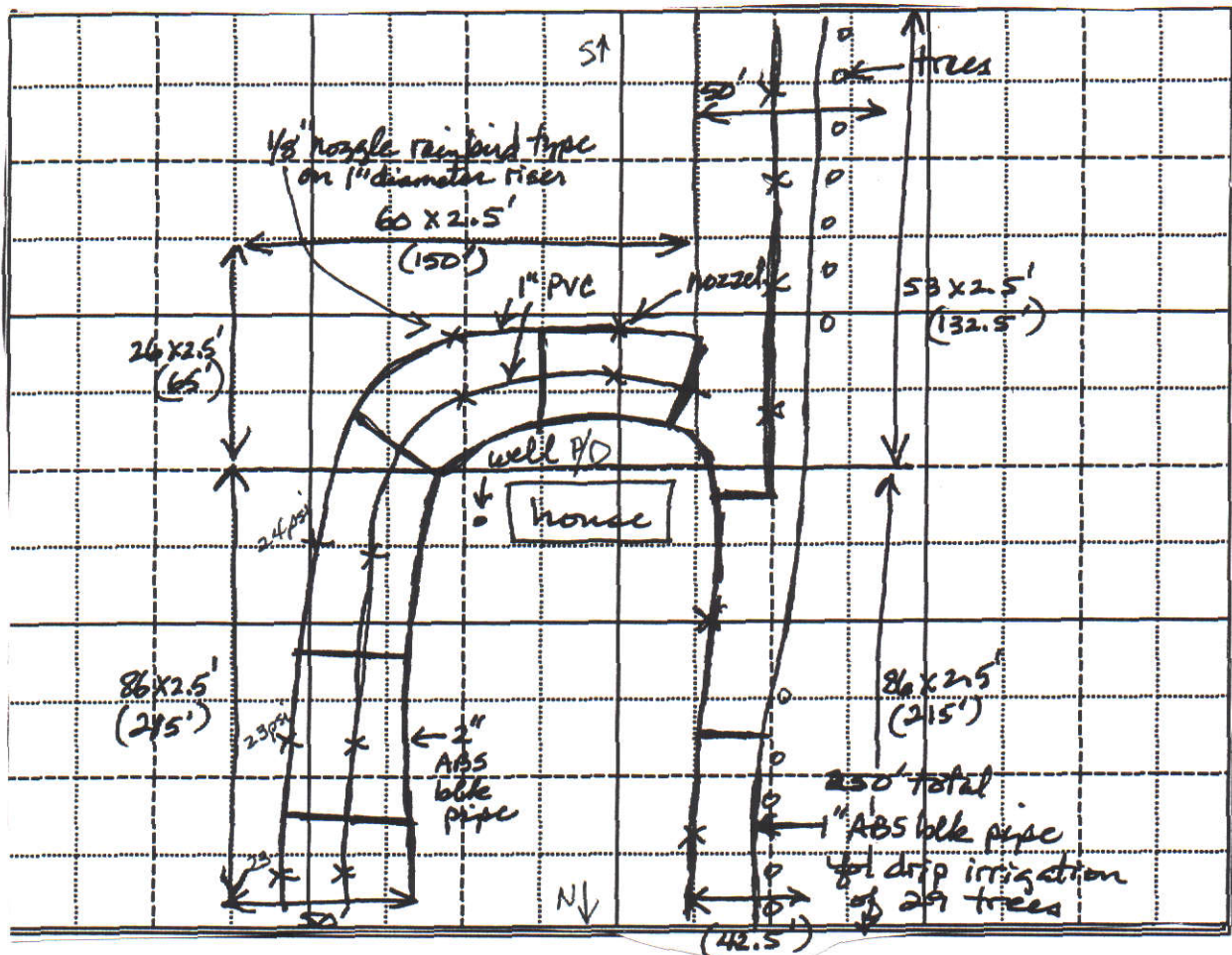


29935

9/13/91

(Applicant)

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



Scale: 1" = 100'

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

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

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		3	2823016103	Franklin Electric	2"

*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
USG Pressure Gauge	("no tag")					
						SEP 15 1995

2. Measurements: Property Paced off:

$$(42.5' \times 215') + (132.5' \times 50') + (150' \times 65') + (245' \times 50') = 36262.5$$

43560

$$= .83 \text{ acre} + 10\% \text{ error} = .91 = .9 \text{ acre}$$

USG Pressure gauge measurement:

$$23 + 23 + 24 = 23.33 \text{ psi average}$$

63-11589 TOSN ROW

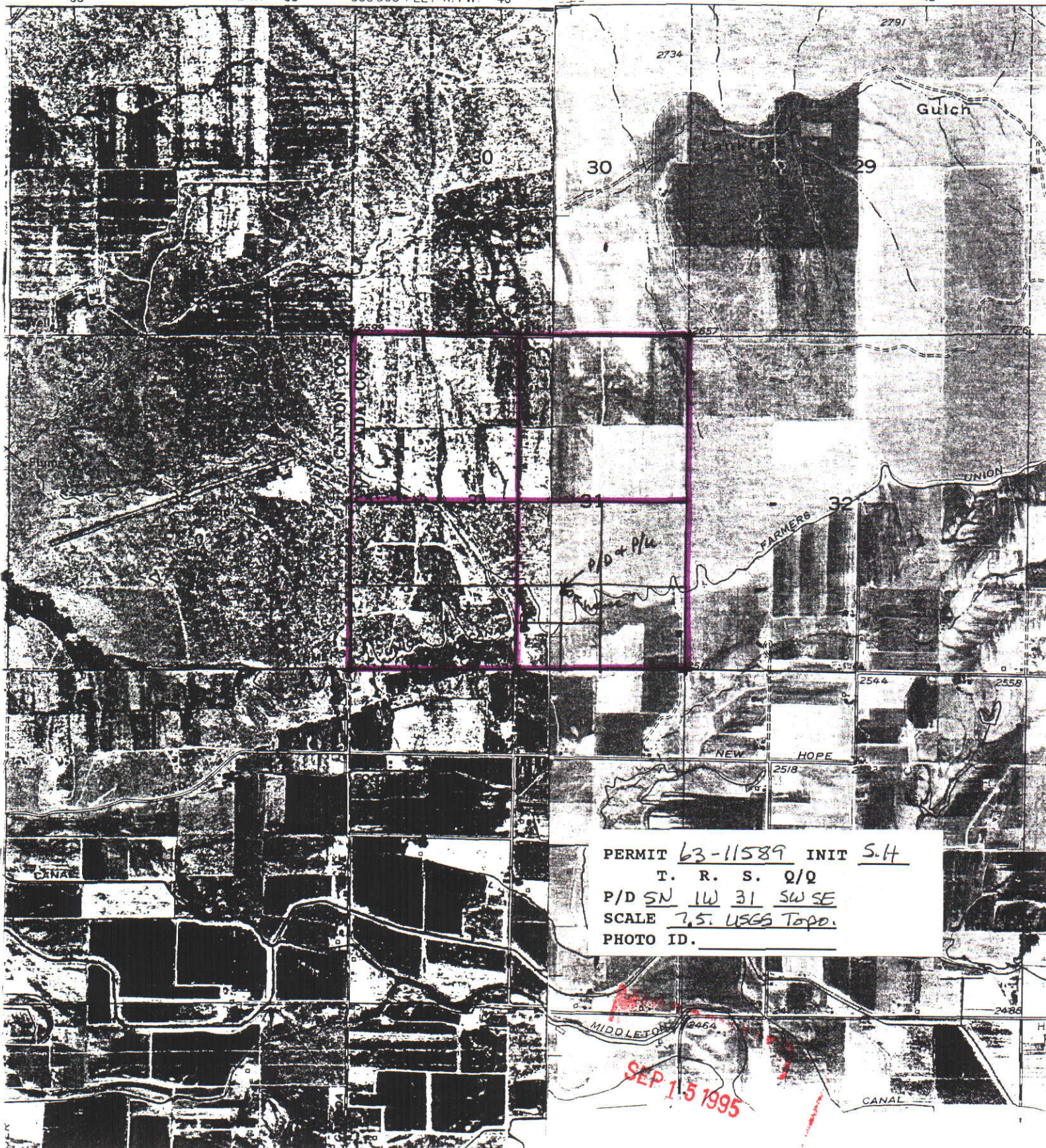
1 2 3 4 5 6 7 8 9 10 11 12

State of Idaho
DEPARTMENT OF WATER RESOURCES

MIDDLETON QUADRANGLE
IDAHO
7.5-MINUTE SERIES (ORTHO PHOTOQUAD)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

538 R. 2 W. 539 300 000 FEET R. 1 W. 540 116° 30' 541 000mE 542



PERMIT 63-11589 INIT S.H
T. R. S. Q/Q
P/D SN 1W 31 SWSE
SCALE 7.5. USGS Topo.
PHOTO ID. _____



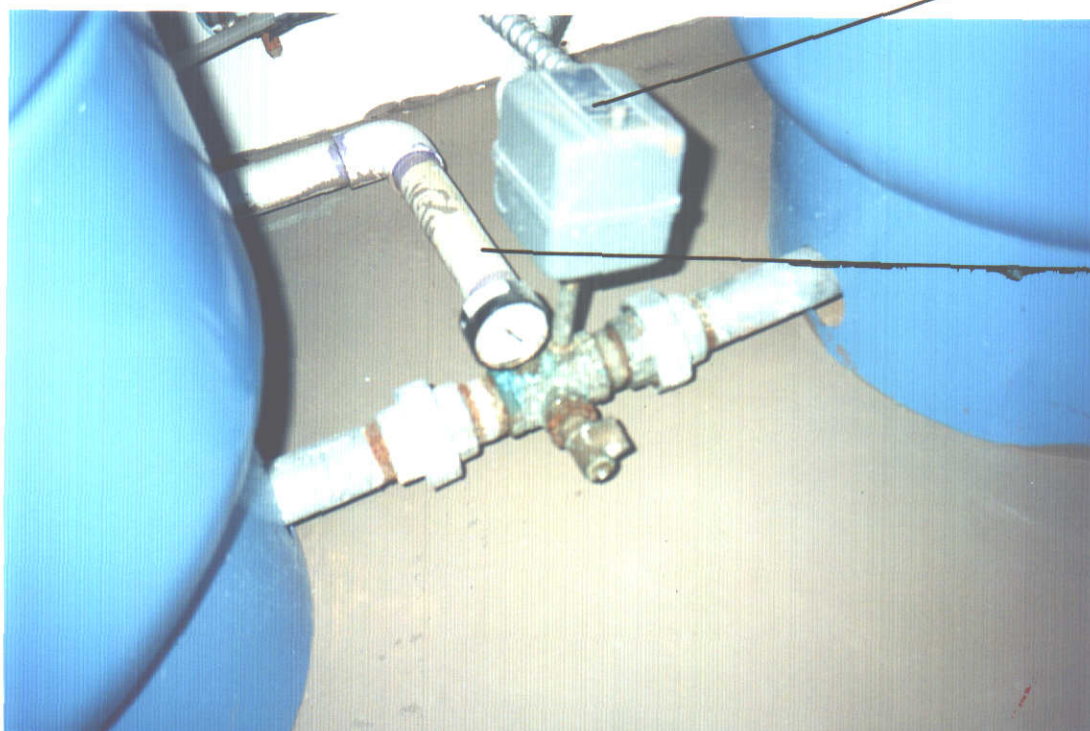
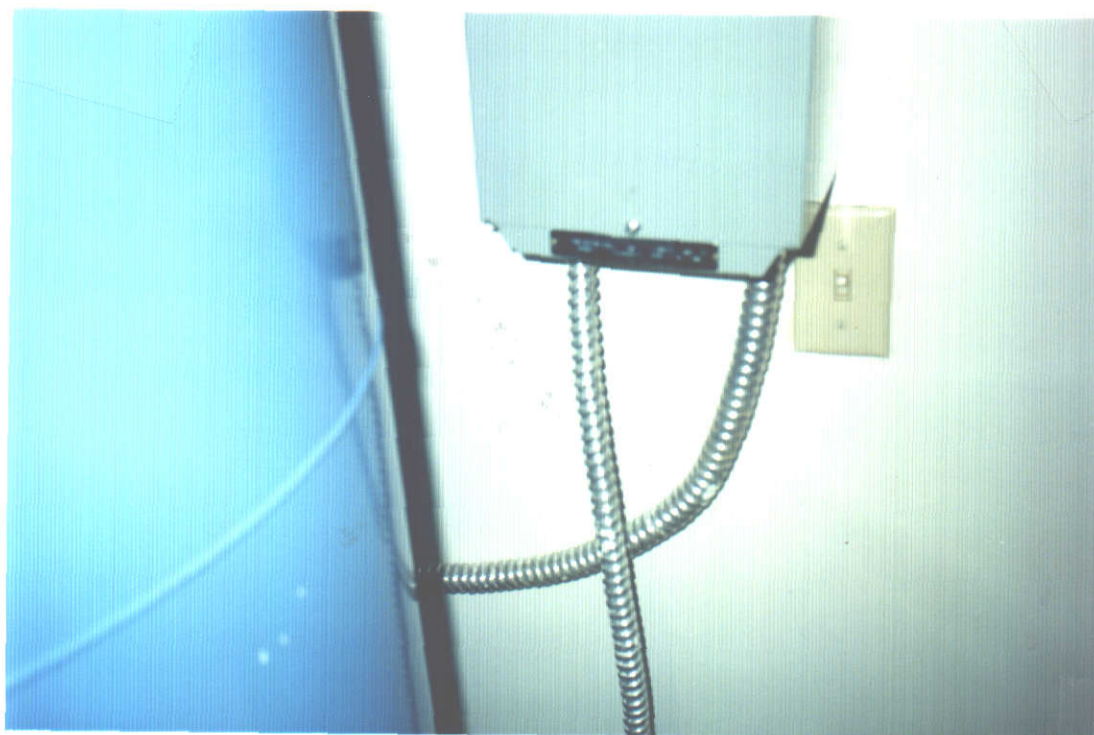
6" casing



100

63-11589

7/26/94 S.H.



Franklin Electric

Model

2823016103

HP 3

Square D Company
Serial B pressure
gauge 22 psi
(20-40 psi range @)

2" pipe (PVC)

SEP 15 1995

63-11589
7/26/94 S.H.

22-24 psi on
1 section (3 nozzles
running on the
system at one time)
rotating
rain-bird type
nozzles $\frac{1}{8}$ " on 1" diam.
risers, off of
2" ABS black
pipe then to
1" PVC



Irrigated
for fire
protection

2 lines

1" ABS black pipe,
1 line w/holes
poked in it for
drip system for trees
+ other line going
to rain-bird type sprinkl



East side of
property irrigated
for fire protection
SEP 15 1995

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11589

Priority: September 16, 1991

Maximum Diversion Rate:

0.02 CFS

Maximum Diversion Volume:

4.1 AF

This is to certify, that ROBERT D MORRISON
BARBARA J MORRISON

11800 FERAMORZ LANE
STAR ID 83669

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 16, 1991; and has submitted Proof of Beneficial Use on October 26, 1993. 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>
IRRIGATION	03/15 to 11/15	0.02 CFS	4.1 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 31, Township 05N, Range 01W
ADA County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
05N	01W	31	SWSE	0.9		0.9

Total number of acres irrigated: 0.9

CONDITIONS OF APPROVAL AND 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 that 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 .02 cfs per acre nor more than 4.5 afa per acre for the lands above.

SEP 15 1995

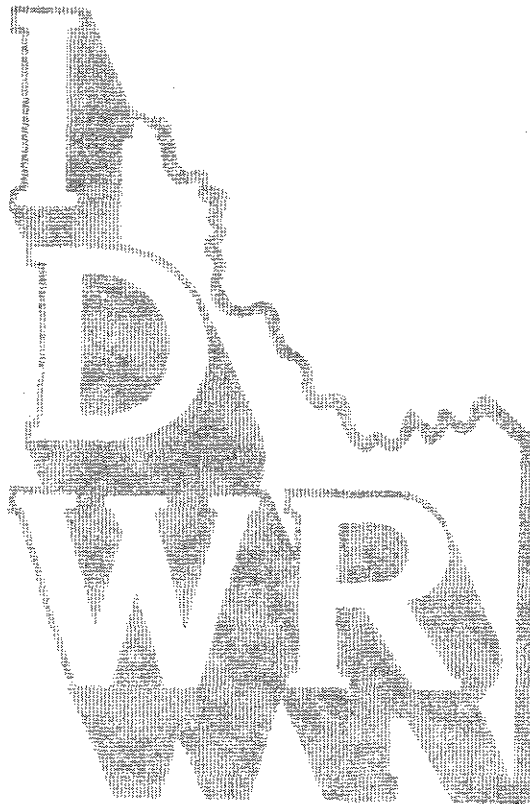
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-11589

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 28TH
day of AUGUST, 1995.


Acting for KARL J. DREHER, Director



SEP 15 1995

RECEIVED

OCT 26 1993

Department of Water Resources

OFFICE USE ONLY

Amt. of Fee \$ 50.00Date 10-26-93Receipt No. C028853Receipt by MonsantSTATE OF IDAHO
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. 63-11589 Telephone No. (208)-286-9220
2. Name(s) of Permit Holder(s): ROBERT D. AND BARBARA J. MORRISON
3. Mailing Address: 11800 FERAMORZ LN, STAR, ID 83669
4. Source of Water: GROUNDWATER FROM CURRENT WELL (RECOMMENDED BY DRILLER - 2ND WELL)
If GROUNDWATER, Well Driller's Name: NA Date Drilled: NOT NEEDED
2/26/87

OPTIONAL:

Pump horsepower: 3 HP Pressure (psi): 20/40 Dynamic pumping level (ft.): _____

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

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation 1 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted
- .03
- cfs OR _____ 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 Fee Schedule on back of Instruction Sheet)

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

Name ROBERT D MORRISON Telephone No. 286-9220(hm) 396-5404(wk)Address 11800 FERAMORZ LN, STAR, ID 83669

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 10/23/93

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

MICROFILMED

DEC 02 1993

RECEIVED

RECEIVED

JAN 7 1993

DEC 22 1992

Department of Water Resources

For Office Use Only
\$15 Fee Received by [Signature]
Date 1-8-93
Receipt No. C020481

Department of Water Resources

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

REQUEST FOR EXTENSION OF TIME

TO PROVIDE ADDITIONAL TIME IN WHICH TO SUBMIT PROOF OF
BENEFICIAL USE FOR A WATER RIGHT PERMIT

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time in which to complete development of water right under the provisions of Section 42-204, Idaho Code.

Permit No. 63-11589

Name(s) of Permit Holder: ROBERT D MORRISON, BARBARA J MORRISON

Mailing Address: 11800 FERNANDEZ LANE, STAR ID 83669

Date Proof is Due FEB 1, 1993 Telephone No. 286-9220

Describe what work has been completed toward the development of this water right:
(This must be filled out! If no work has been completed, show "none".)

- a) MOST SPRINKLER PIPES AND HEADS INSTALLED
- b) WATER MAIN TO FEED ALL PIPES INSTALLED
- c) ALL VALVES INSTALLED AND WIRED

Costing \$ ~2000 NOT INCLUDING LABOR

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

ABOVE WORK WAS NOT COMPLETED BEFORE GROUND FROZE

Permit holder(s) request an extension to FEB 1, 1994, 19 .

FEE: \$15.00

(Signature)*

*If other than permit holder, Power of Attorney must be supplied.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to February 1, 1994.

FEB 04 1993

Signed this 11 th day January, 19 93

[Signature]
Chief, Water Allocation Bureau

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-11589

Proposed Priority: September 16, 1991 Maximum Diversion Rate: 0.03 CFS

This is to certify, that **ROBERT D MORRISON**
BARBARA J MORRISON
11800 FERAMORZ LANE
STAR ID 83669

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.03 CFS

LOCATION OF POINT(S) OF DIVERSION: SWSE , Sec. 31, Township 05N, Range 01W
ADA County

<u>PLACE OF USE:</u>	<u>IRRIGATION</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>			
05N	01W	31	SWSE	1	1

Total number of acres irrigated: 1

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **February 1, 1993**.
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 right 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

27 day of January, 1992

[Signature]
for R. Keith Higginson, Director

REPROFILMED

FEB 11 1992

RECEIVED

Form 202
6/86

SEP 16 1991

Ident. No. 63-11589

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources
Western Regional Office

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant ROBERT D MORRISON AND BARBARA J MORRISON Phone 208-286-9220
Post office address 11800 FERAMORZ LANE, STAR, IDAHO 83669
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of _____ $\frac{1}{4}$, Govt. Lot _____
Sec. 31 Township 5N Range 1W B.M. Ada County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .03 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) .03 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. _____
b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
c. Proposed well diameter is 6 inches; proposed depth of well is 300 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:
1 years (minimum 1 year).

MICROFILMED

FEB 11 1992

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. 1 HOUSEHOLD IRRIGATION 1 ACRE
- 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	
5N	1W	31															1		1

Total number of acres to be irrigated 1

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? WE DO

b. Who owns the land to be irrigated or place of use? WE DO

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: WELL DRILLER WILL BE WES PHIPPS

MICROFILMED

FEB 11 1992

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



BE IT KNOWN that the undersigned hereby makes application to the State of Idaho as herein set forth.

Barbara J. Morrison
(Applicant)
Barbara J. Morrison

1 1992

9/13/91

Received by MM Date 09-16-91 Time 11:55am Preliminary check by FL
Fee \$ 30⁰⁰ Receipted by ZH # 0013677 Date 9-16-91
Publication prepared by GG Date 9-25-91 Published in ID Statesman
Publication approved AT Date 12-18-91
10/3 & 10/10/91

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:

RECEIVED

FEB 11 1992



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

August 29, 1995

ROBERT D MORRISON
BARBARA J MORRISON
11800 FERAMORZ LANE
STAR ID 83669

RE: WATER RIGHT NO. 63-11589

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED

SEP 15 1995

LICENSE REVIEW CHECKLIST



PERMIT NO. 63-11589 DATE 8-22-95

NAME Change OK ☒ Or Address Change? ☐

PRIORITY DATE Advance? ☒ Advanced to: Order to reinstate needed? Incorrect fee for rate recommended? NA

SOURCE Changes or just clarification of originally intended source? ☒ Notice of Intent to Void necessary? ☐

POINT OF DIV Amendment needed? ☒ Overlaps? Domestic claim on same well A63-26155

PLACE OF USE Amendment needed? ☒ Overlaps? ☒

DIV RATE Permit/fee limits: .03 CFS/1 acre
Sprinkler Meas Q = .02 Theo Q = .08 Recommend: .02
.9 acre x .03 = .03 Sprinkler @ .02
 Combined rates exceed capacity ☐

ANNUAL VOLUME Volume Limit: Season: 0/4.5 (3-15 to 11-15)
Calculations: .9 x 4.5 = 4.1 gfs
 Flow limit: cfs x 1.9835 =
 Combined volumes exceed capacity/allowable ☐

USES Change in Nature of Use or additional uses? ☒ Amendment necessary? ☐

ADDITIONAL INFO Supplemental Groundwater NO PPU Scenario NO
 Irr/Dom Combination NO Shared G/W System ☐

NEW REMARKS Multiple p/d(s) in 1/4 1/4? ☐ Other ☐

NEW CONDITIONS Watermaster control - District ☐
Measuring/Locking Devices ☐
R32 Irrigation Overlap ☐
Other ☐
Water Quality ☐ Heat/Cool/Fish verified ☐

COMMENTS: Acres on a hill above where drainage district water is available.

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	Adjustment Memo Needed
<u>Irrigation</u>	<u>.02</u>	<u>4.1</u>	<u>NO</u>	<u>NO</u>
<u></u>	<u></u>	<u></u>	<u>LICENSE</u>	☒
<u></u>	<u></u>	<u></u>	<u>1ST AMEND LETTER</u>	<u></u>
<u></u>	<u></u>	<u></u>	<u>2ND AMEND LETTER</u>	<u></u>

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUL 17 1995
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-11589
(208) 286-9220
Phone No. (208) 396-5404

1. Owner: Robert & Barbara J. Morrison
Current Address: 11800 Feramorz Lane Star Id 83669

2. Accompanied by: Robert Morrison EXAM DATE: 7-26-94
Address: 11800 Feramorz Ln. Star Id. 83669 (208) 286-9220
Phone No. (208) 396-5404

Relationship to Permit Holder: Self

3. Source: groundwater tributary to -

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-02406 Drainage Dist.
2. Other water rights with the same point of diversion: None

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
			SW	SE	31	SN	1W	Ada	USGS Topo. & exam

2. Place(s) of Use:

Indicate Method of Determination USGS Topo. & Exam

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
SN	1W	31															I		1.9 acre

SEP 15 1995
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Hand-drawn schematic diagram of a drip irrigation system. The diagram shows a main line of 2" ABS black pipe with a 1" PVC riser and a 1/2" nozzle rainbird type on a 1" diameter riser. The main line is 250' total, with a 1" ABS black pipe section for drip irrigation of 29 trees. The diagram also shows a well, a house, and various dimensions for the system components.

Key components and dimensions:

- 1/2" nozzle rainbird type on 1" diameter riser
- 60 x 2.5' (150')
- 1" PVC
- 24 x 2.5' (65')
- 24" well
- well 8/0
- house
- 86 x 2.5' (215')
- 250' total
- 1" ABS black pipe
- for drip irrigation of 29 trees
- 53 x 2.5' (132.5')
- 86 x 2.5' (215')
- 250' total
- 1" ABS black pipe
- for drip irrigation of 29 trees

☒ Photo of Diversion and System Attached

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		3	2823016103	Franklin Electric	2"

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration
USG Pressure Gauge	"no tag"					SEP 15 1995

$$(42.5' \times 215') + (132.5' \times 50') + (150' \times 65') + (215' \times 50') = 36262.5$$

43560

USG Pressure Gauge Measurement:
 $23 + 23 + 23 = 23.33 \text{ psi average}$

E. NARRATIVE/REMARKS/COMMENTS

- Overlaps for P/U was for other land &/or other uses.
- No govt. lots were found.
- Use is for irrigation of .9 acres for trees & area for fire protection.
- The system is a groundwater source, with 3HP pump going to a 2" ABS main that "T's" off into 1" PVC pipe to risers w/ 1/8" rainbird nozzles. The system runs w/ 3 nozzles @ a time at an average of 23.33 psi.
- Other WR A63-26155, 263' well, 6" casing, 3HP submersible pump. (for domestic use -- same well).
- No other water sources available.

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

RECEIVED
SEP 15 1995

✓ Additional Computation Sheets Attached

Measured Method:

Theoretical pump calculation (see attachment) = .08 cfs

U of I nozzle conversion (see attachment) = .02 cfs

.9 acres $\times$.03 cfs = .027 = .03 cfs

VOLUME CALCULATIONS
1. Volume Calculations for Irrigation: (see attachment)

$$V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{4.1 \text{ Afa} = .9 \times 4.5}{9.8 \text{ Afa} = .02 \times 246 \times 1.9835}$$

$$V_{D.R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{9.8 \text{ Afa} = .02 \times 246 \times 1.9835}{= 9.75}$$

$$V = \text{Smaller of } V_{I.R} \text{ and } V_{D.R} = \frac{4.1 \text{ Afa}}{10.0}$$

2. Volume Calculations for Other Uses:

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3/15	11/15	.02	4.1
Totals:			.02	4.1

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. AUTHENTICATION

Field Examiner's Name Enid Hernandez Date 4/26/95

Reviewer _____ Date _____

SEAL

UNREFINED

Measured Method:

ULF 101000

63-11589

Theoretical Pump Calculation (see attachment) = .08 cfs

U of I nozzle conversion

3 (1/8" nozzles) @ 23.33 psi average
run on system

$$Q = 30 \times \left(\frac{1}{8}\right)^2 \times (23.33)^{.5}$$

$$30 \times .0156 \times 4.83 = 2.26$$

$$2.26 \times 3 = \frac{6.78}{448.8} = .015 = .02 \text{ cfs}$$

$$.9 \text{ acres} \times .03 \text{ cfs} = .027 = .03 \text{ cfs}$$

① permit: irrigation 3/15 - 11/15 .03 cfs

② B/U fee: \$50 pd 10/26/93 0 - .20 cfs

③ max. allowable:

$$.913 \text{ acres} @ .03 \text{ cfs} = .027 = .03 \text{ cfs}$$

④ flow measurements:

$$V_{IR} = .913 \text{ acres} \times 4.5 = 4.10 = 4.1 \text{ Afa}$$

$$V_{DR} = .02 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 9.75 = 9.8 = 10.0$$

$$V = 4.1 \text{ Afa}$$

SEP 15 1995

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 63-11589

DATE: 25-NOV-94

COMPLETE BY: SANDY HEMENWAY

HORSEPOWER = 3

PUMP EFFICIENCY = 70%

DYNAMIC LIFT = 166 FEET

SYSTEM PRESSURE = 30 PSI

QUANTITY = 0.08 CFS

SEP 15 1995

State of Idaho
DEPARTMENT OF WATER RESOURCES

1277 1278

IDAHO

7.5-MINUTE SERIES (ORTHOPHOTOQUAD)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

538

R. 2 W. 539

300 000 FEET: R. I W. 540 116

541000mE

542

Gutch

PERMIT 63-11589 INIT S.H

T.	R.	S.	Q/Q
----	----	----	-----

P/D SN 1W 31 SW SE

SCALE 7.5 USGS Topo.

PHOTO ID.

SEP 15 1995

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: non found OTHER APPLICABLE NO: 63-11589
2. OWNER: Robert D & Barbara J. Morrison Phone: (208) 286-9220
Address: 11800 Feramory Lane Star Id. 83669 Phone: (208) 396-5404
3. WELL LOCATION: Twp 5N, Rge. 1W, Sec. 31, SW 1/4 SE 1/4
County Ada (Provide sketch map and photo on reverse.)
4. DRILLER: unknown Lic. No. _____
When Drilled? prior 1987, no records found on computer system WDAQ3, or in file
5. WELL CONSTRUCTION:
- Casing Diameter 6 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing unknown ft Method Drilled unknown
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ No
Condition of Piping and Valving good
Auger to a depth of _____ ft. Evidence of Annular Seal ☐ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
- Depth to Static Water 156 ft. Water Temperature cold °F
Flowing Artesian ☐ Yes ☒ No Pressure: 20/40 (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
- | | | |
|--|---|-------------------------------------|
| ☒ Domestic | ☒ Irrigation | ☐ Stock |
| ☐ Test | ☐ Municipal | ☐ Industrial |
| ☐ Abandoned | ☐ Waste Disposal/Injection | ☐ Not Used |
| ☐ Other: <u>fire protection</u> | | |

SEP 15 1995

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Contamination? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

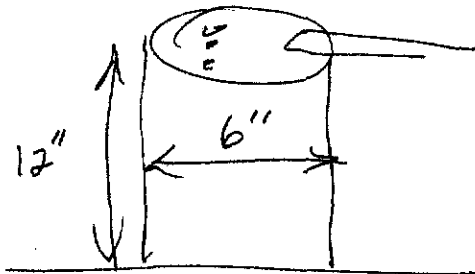
How far away from the well is this source? _____

9. REMARKS:

Janet Hernandez, WR Agent
Signature of Dept. Representative & Title

7-26-94
Inspection Date

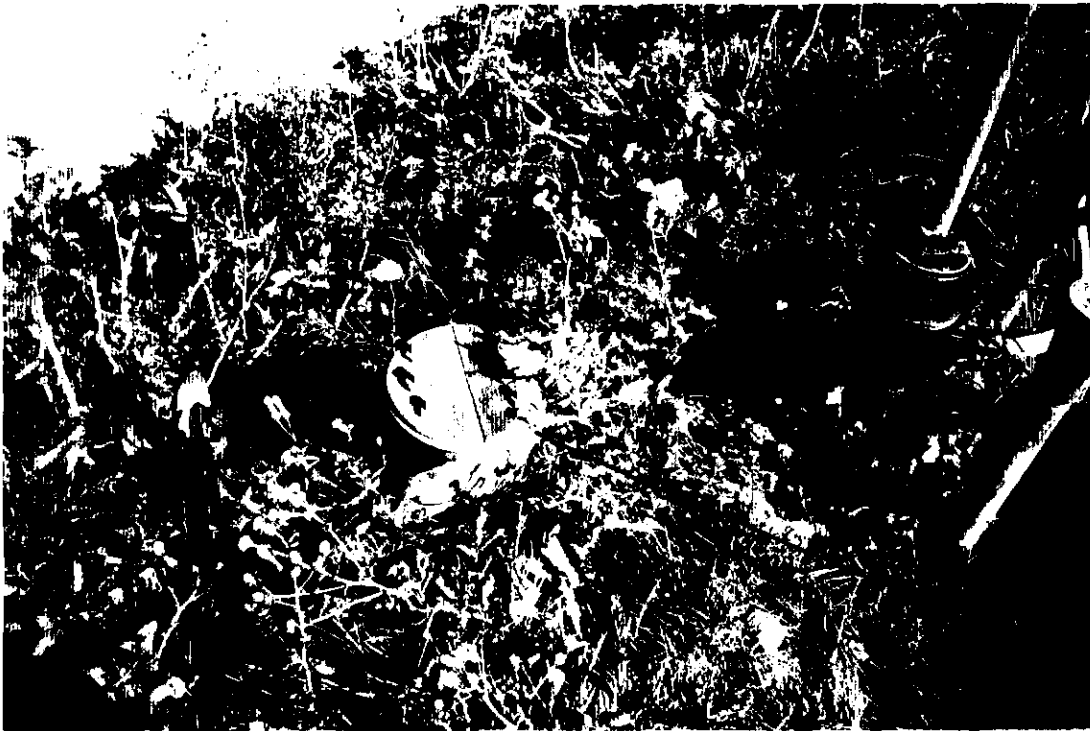
PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



MICROBEN MED

SEP 15 1995

63-11589
7/26/94 S.H



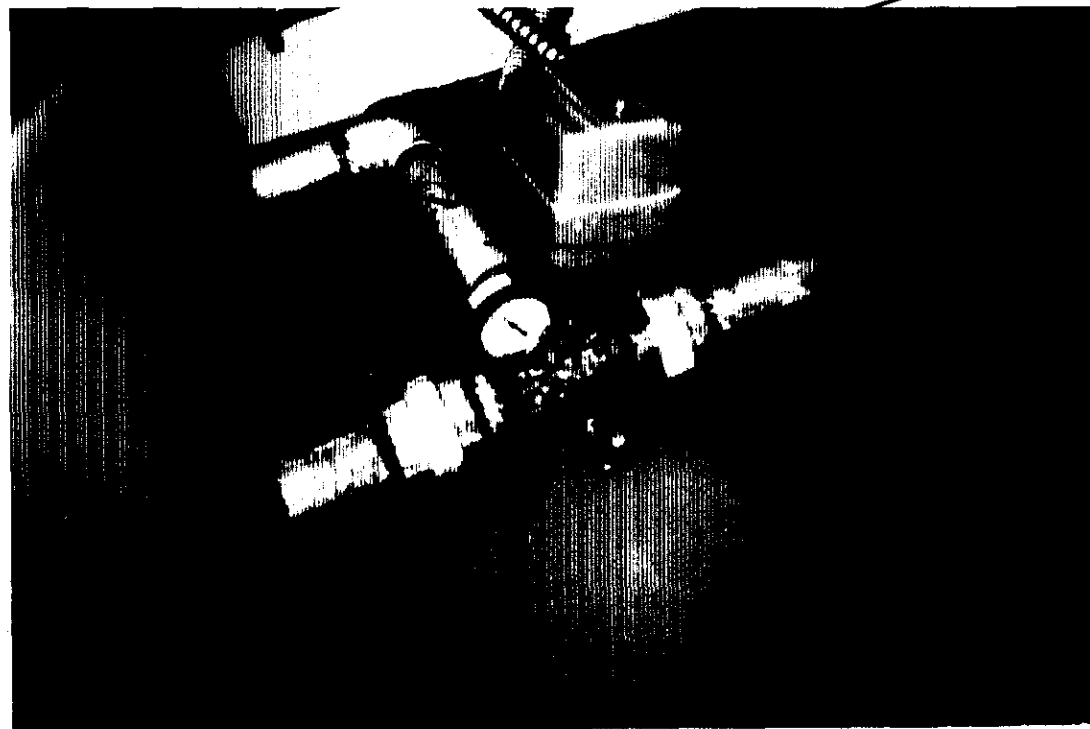
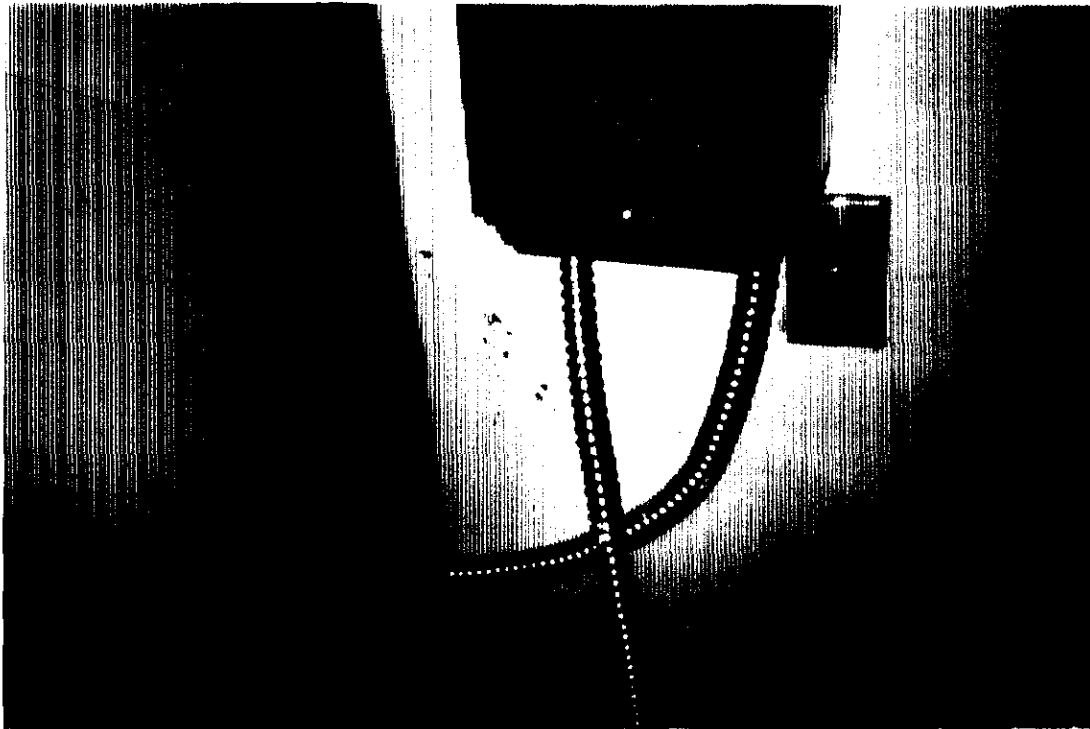
submers.
well
6" casing



SEP 15 1985

63-11589

7/26/94 S.H.



Franklin Electric

Model

2823016103

HP 3

Square D Company
Serial B pressure
gauge 22 psi
(20-40 psi range @)

2" pipe (Pre)

SEP 15 1995

63-11589
7/26/94 S.H.

22-24 psi on
1 section (3 nozzles
running on the
system at one time)
rotating
rain-bird type
nozzles $\frac{1}{8}$ " on 1" diam.
risers, off of
2" ABS black
pipe then to
1" PVC

Irrigated
for fire
protection

2 lines

1" ABS black pipe,
1 line w/holes
poked in it for
drip system for trees
+ other line going
to rain-bird type sprinkler

East side of
property irrigated
for fire protection
SEP 15 1995

November 4, 1993

ROBERT D MORRISON
BARBARA J MORRISON
11800 FERAMORZ LANE
STAR ID 83669

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-11589

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Karen L. Gustafson
Senior Secretary

c: IDWR - Region

MICROFILMED
DEC 02 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

October 28, 1993

Robert and Barbara Morrison
11800 Feramorz Lane
Star, ID 83669

Re: Permit No. 63-11589

Dear Permit Holder:

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

The proof of beneficial use and your permit authorize the diversion rate of 0.03 cfs. Because you use a groundwater (well) source and divert 0.04 cfs or less, you are exempt from the license examination fee.

Therefore, I have begun the process to refund the \$50 license examination fee you submitted. The process takes between two and four weeks and will arrive under separate cover.

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

Sincerely,

Karen L. Gustafson
Senior Secretary

RECEIVED

DEC 02 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

January 11, 1993

Robert and Barbara Morrison
11800 Feramorz Lane
Star, ID 83669

Re: Permit No. 63-11589

Dear Permit Holder:

Enclosed is a copy of the approved request for extension of time. The time within which to submit proof of beneficial use is extended to February 1, 1994. Please note that the department has granted this extension based on due diligence. It is important that you work diligently toward the completion of this project during the construction period allowed. The department may not be able to grant additional requests.

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

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

Enclosure

C: IDWR-Regional Office

RECEIVED

FEB 04 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

December 22, 1992

Robert D and Barbara J Morrison
11800 Feramorz Lane
Star, ID 83669

Re: Permit No. 63-11589

Dear Permit Holder:

Returned is the Request for Extension of Time you submitted to our office in connection with the above referenced permit. Unfortunately, it is unacceptable as filed.

In order for the Department to process your request, it must be accompanied by a \$15 filing fee. In order to be in compliance with all of the required dates, please return the extension and \$15 filing fee on or before February 1, 1993.

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

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

Enclosure

RECEIVED

FEB 04 1993

November 30, 1992

ROBERT D MORRISON
BARBARA J MORRISON
11800 FERAMORZ LANE
STAR ID 83669

PROOF DUE NOTICE

RE: PERMIT NO. 63-11589

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before February 1, 1993. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

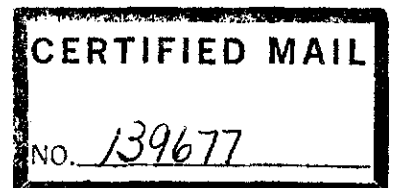
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental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

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

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures



FEB 04 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

January 30, 1992

ROBERT D MORRISON
BARBARA J MORRISON
11800 FERAMORZ LANE
STAR ID 83669

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-11589

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

Sincerely,

PAMELA SKAGGS
Technical Records Specialist

RECEIVED
FEB 11 1992

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707

RECEIVED
DEC 17 1991

Department of Water Resources
Western Regional Office

NOTICE OF APPLICATION FOR WATER RIGHT

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

63-11587

RAUSCH, RICHARD
RAUSCH, LOIS
3727 W DEER FLAT RD
KUNA, ID 83634

Source:

Groundwater

Diversion Pt:

SESWNE Sec 21 T 02N R 01W

Use:

Irrigation (1.600CFS)

Total Diversion: (1.600CFS)

Date Filed:

9/9/1991

In:

T02N R01W S21 NWNE SWNE

80.0 ACRES TOTAL

63-11588

PHELAN, CRAIG

PHELAN, CINDY

PO BOX 1044

EAGLE, ID 83616

Source:

Groundwater

Diversion Pt:

NESESW Sec 29 T 05N R 01E

Use:

Irrigation (.100 CFS)

Stockwater (.020 CFS)

Domestic (.040 CFS)

Total Diversion: (.160 CFS)

Date Filed:

9/12/1991

In:

T05N R01E S29 SESW

5.0 Acres Total

63-11589

MORRISON, ROBERT D

MORRISON, BARBARA J

11800 FERAMORZ LN

STAR, ID 83669

Source:

Groundwater

Diversion Pt:

SWSE Sec 31 T 05N R 01W

Use:

Irrigation (.030 CFS)

Total Diversion: (.030 CFS)

Date Filed:

9/16/1991

In:

T05N R01W S31 SWSE

1.0 Acres Total

63-11590

STROM, STEVE

125 WILSON DR

MOUNTAIN HOME, ID 83647

Source:

Groundwater

Diversion Pt:

SENW Sec 22 T 02N R 01W

Use:

Irrigation (.170 CFS)

Domestic (.020 CFS)

Total Diversion (.190 CFS)

Date Filed:

9/9/1991

In:

T02N R01W S22 SWNE SENW

8.5 Acres Total

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before OCTOBER 21, 1991.

R. Keith Higginson,
Director

Pub. October 3, 10, 1991

9552

DONNA M. CALHOUN

, being duly

sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for

☒ consecutive weekly ☐ consecutive daily ☐ single ☐ odd skip

insertion(s) beginning with the issue of October 3, 19 91

and ending with the issue of October 10, 19 91

Donna M. Calhoun

STATE OF IDAHO)

ss.

FEB 11 1992

COUNTY OF ADA)

On this 13th day of December in the year of 91, before me, a Notary Public, personally appeared DONNA M. CALHOUN, known or identified to

me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

John Linn
Notary Public for Idaho

Residing at Boise, Idaho

My commission expires: 11-27-93

63-11589

MORRISON, ROBERT D
MORRISON, BARBARA J
11800 FERAMORZ LN
STAR, ID 83669

Source: GROUNDWATER

Diversion Pt: SWSE Sec 31 T 05N R 01W

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

Date Filed: 9/16/ 1991

In: T05N R01W S31 SWSE

1.0 ACRES TOTAL

MICROFILMED

FEB 11 1992