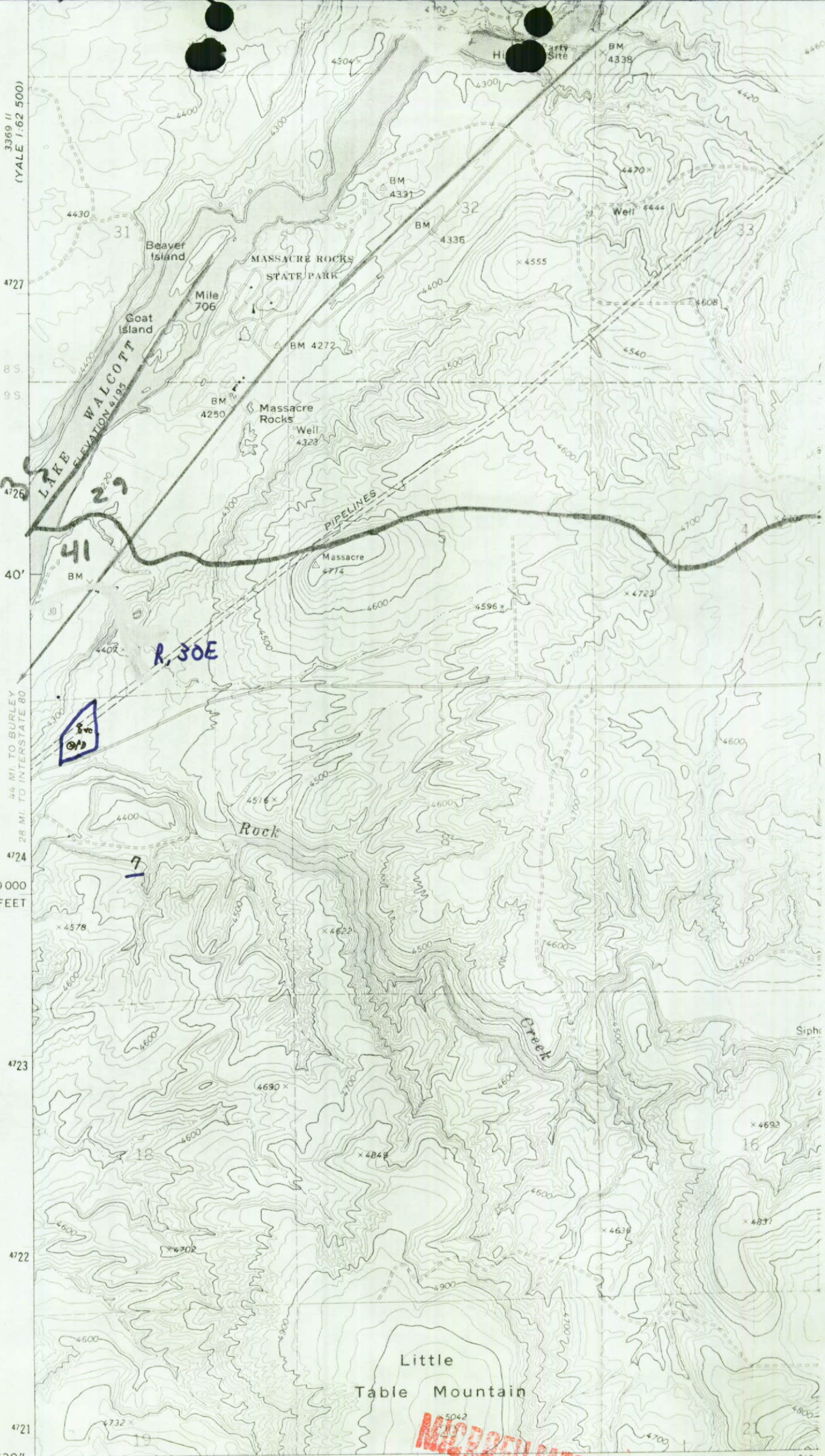




3369 II
(YALE 1:62 500)

T. 8 S.
T. 9 S.

44 MI. TO BURLEY
28 MI. TO INTERSTATE 80

T. 95

360 000
FEET

42° 37' 30"
113° 00'

280 000 FEET

57° 30"

340

Mapped, edited, and published by the Geological Survey

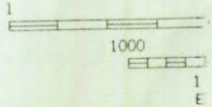
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1969. Field checked 1971

Projection and 10,000-foot grid ticks: Idaho coordinate
system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks,

MAR 19 1991

1° 19'
23 MILS
17°
302 MILS



(YALE 1:62 500)
3369 II

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

SEP 21 1994

Department of Water Resources

A. GENERAL INFORMATION

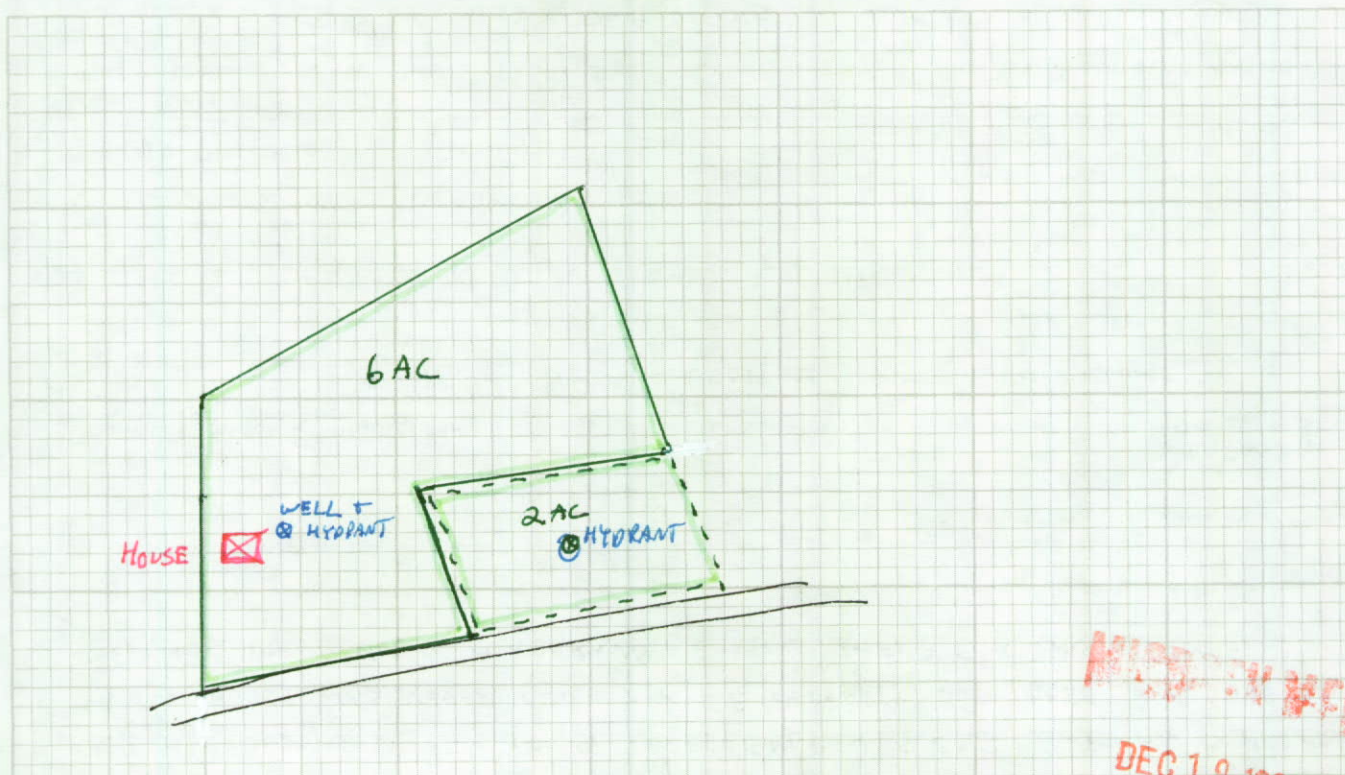
Permit No. 41-7072
1. Owner: CHARLES + TERESA BOTTROFF Phone No. 548-2409
Current Address: 3712 REGISTER RD, AMERICAN FALLS, ID 83211
2. Accompanied by: TERESA BOTTROFF EXAM. DATE: 6-23-94
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: GROUNDWATER tributary to _____

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

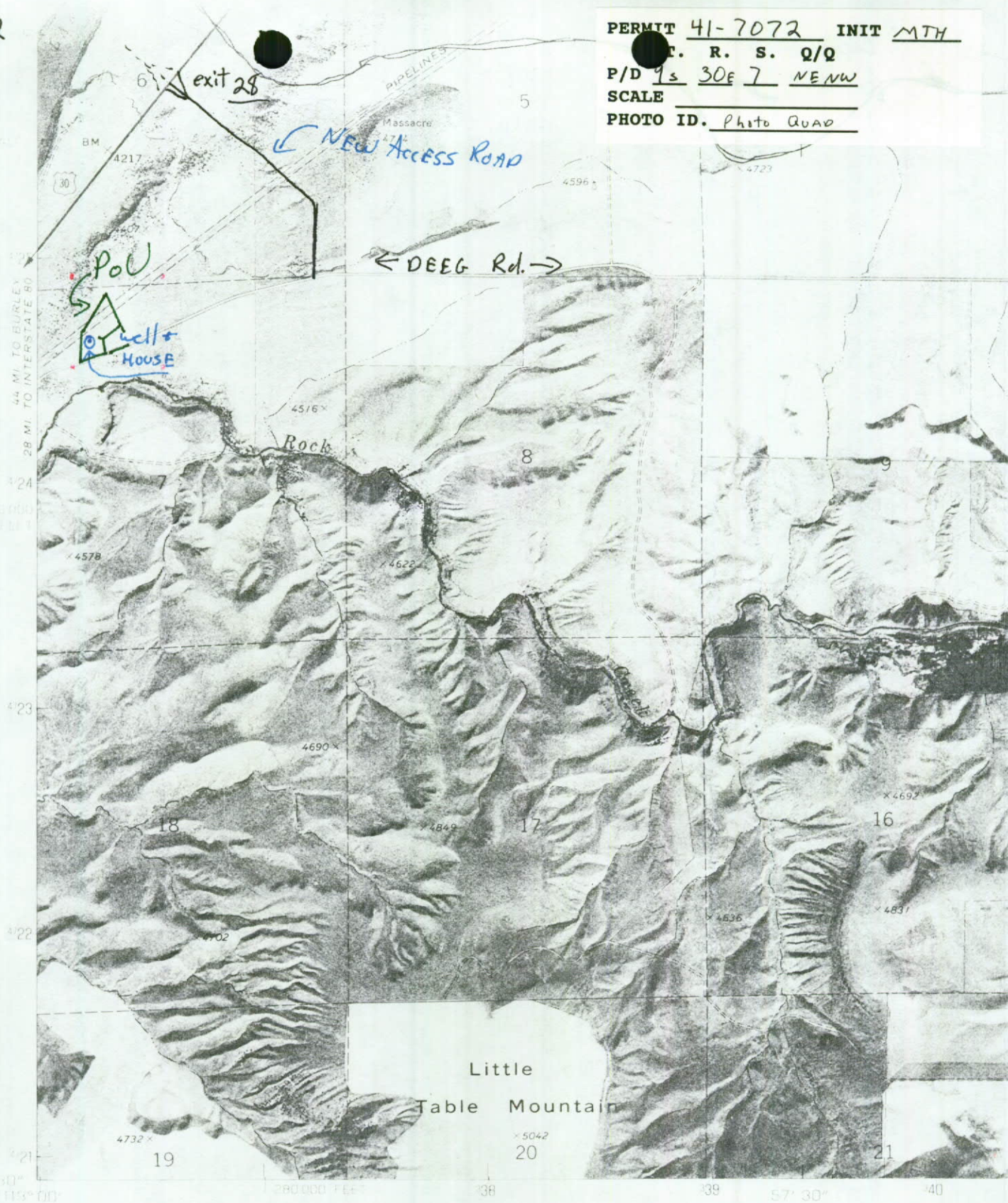


Scale: 1" = 130 FT

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).

41-7072

PERMIT 41-7072 INIT MTH
 T. R. S. Q/Q
 P/D 4s 30E 7 NENW
 SCALE _____
 PHOTO ID. Photo Quad



Produced by the Geological Survey
 in cooperation with the Soil Conservation Service

Orthophotograph prepared from 1:78 000-scale
 aerial photographs taken August 20, 1976

Projection and 10,000-foot grid ticks: Idaho coordinate
 system, east zone (transverse Mercator)
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12. 1927 North American datum

Photoinagery transformed by scanning techniques
 which may produce double or mismatched images;
 use the mean of image positions for map point.

DEC 19 1994

Copies
 At B

THIS
 FOR SALE

41-7072
BOTTROFF



POU
HOUSE &
SMALL LAWN



POU
LARGEST FRUIT
TREE. MOST
SMALLER THAN
THE WEEDS!

DEC 19 1994

41-7072
BOTTROFF



P/D
AND
HYDRANT FOR
DRIP IRR. LINES

DEC 19 1994

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 41-07072

Priority: August 12, 1983

Maximum Diversion Rate: 0.06 CFS
Maximum Diversion Volume: 26.0 AF

This is to certify, that CHARLES R BOTTROFF
3712 REGISTER RD

AMERICAN FALLS ID 83211 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 12, 1983; and has submitted Proof of Beneficial Use on February 14, 1992. 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>
IRRIGATION	04/01 to 10/31	0.06 CFS	25.4 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.06 CFS	26.0 AF

LOCATION OF POINT(S) OF DIVERSION: NENW , Sec. 7, Township 09S, Range 30E
POWER 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>
09S	30E	7	NENW	8		8

Total number of acres irrigated: 8

PLACE OF USE:

DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount 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. The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.

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AUG 19 1994

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 41-07072

CONDITIONS/REMARKS:

6. The Director retains jurisdiction of the right to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
7. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.
8. Domestic use is for 1 home.

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 21st day of October, 1994.

Acting for  R. Keith Higginson, Director

DEC 19 1994

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STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

RECEIVED

FEB 14 1992

JAN 30 1992

Department of Water Resources
Southern Region Office

PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have: Office 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. 41-07072 Telephone No. (208) 548-2409
2. Name(s) of Permit Holder(s): CHARLES R + TERESA BOTTROFF
3. Post Office Address: 3712 REGISTER RD AMERICAN FALLS ID 83211
4. Source of Water: GROUND WATER

a. If ground water, well driller's name: DAN'S PUMP + SERVICE Date drilled: 3-16-83

b. Pump horsepower: 3 Pressure (psi): _____ Dynamic pumping level (ft.): 190

5. Extent of Use:

Domestic 1 (No. of households) Irrigation 8 (No. of acres)

Stockwater _____ (No. and type of stock) Other _____

6. Total rate and/or volume for which proof is submitted (0.20) 0.2 cfs 1 1 acre/feet

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

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

OR

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

8. Fee Enclosed: \$ 50.00 100.00 (See License Examination Fee Schedule)

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

TERESA BOTTROFF
Name

548-2409 HOME 233-4425 WORK
Telephone No.

3712 REGISTER RD AMERICAN FALLS ID 83211
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.

1/28/92
Date

Teresa Bottroff
Signature (and use if on behalf of a company or organization)

MAR 05 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 41-07072

Proposed Priority: August 12, 1983 Maximum Diversion Rate: 0.22 CFS
This is to certify, that **CHARLES R. BOTTIROFF**
3712 REGISTER RD.
AMERICAN FALLS, ID 83211
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	03/01 to 10/31	0.16 CFS
DOMESTIC	01/01 to 12/31	0.06 CFS
	Totals	0.22 CFS

LOCATION OF POINT(S) OF DIVERSION: NENW Sec. 7, Township 09S, Range 30E
POWER County

<u>PLACE OF USE:</u>	<u>IRRIGATION</u>					
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
09S	30E	7	NENW	8		8

Total number of acres irrigated: 8

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 2, 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 right to the use of water acquired under this permit shall not give rise to any right or claim against the holder of a senior right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
5. The Director retains jurisdiction of the permit and any license subsequently issued to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
6. The issuance of this permit in no way grants any right-of-way or easement across the land of another.
7. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
8. Domestic use is for 1 home.

RECORDED

MAR 19 1991

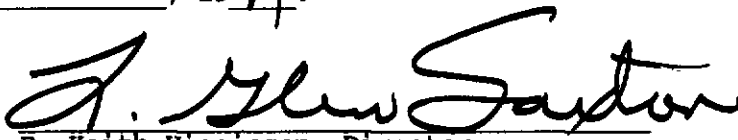
State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 41-07072

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

7th day of March, 1991.

for

R. Keith Higginson, Director

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MAR 19 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

RECEIVED

AUG 31 1983

To appropriate the public waters of the State of Idaho

Department of Water Resources
Southern District Office

1. Name of applicant CHARLES R. BOTTROFF Phone 548-2409
MASSACRE ROCK STATE PARK
Post office address HC 76 Box 1020 AMERICAN FALLS, ID. 83211
2. Source of water supply GROUND WATER which is a tributary of _____
3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 7 Township 9S
Range 30E B.M. POWER County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .06 for DOMESTIC purposes from JAN 1 to DEC 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount .16 for IRRIGATION purposes from MARCH 1 to OCT. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. .22 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 1 PUMP NOT SURE YET AS TO
EXACT SIZE & ABOUT 100 FEET OF 1 INCH PIPE TO SECOND
HOME.

b. Height of storage dam NONE 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 6 inches; proposed depth of well is 275 feet.

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

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 7 Township 9S
Range 30E B.M. POWER COUNTY

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

(3) List number of each kind of livestock to be watered: _____

(4) Name of municipality to be served NONE, or number of families to be
supplied with domestic water TWO

(5) If water is to be used for other purposes describe: SOME WATER WILL BE USED
TO WATER YARD AND A FEW FRUIT TREES. IT WILL
ALSO BE USED TO WATER A COUPLE HORSES.

RECEIVED

Duty for Domestic Activities. (Household, yard, garden,

10. Remarks WELL IS GOING TO BE USED BY TWO FAMILIES

applicant to make this filing.

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the

b. Who owns the land to be irrigated or place of use CHARLES R. BOTTSOFF / KATHLEEN GALEY

9. a. Who owns the property at the point of diversion CHARLES E. BOTTEOFF

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

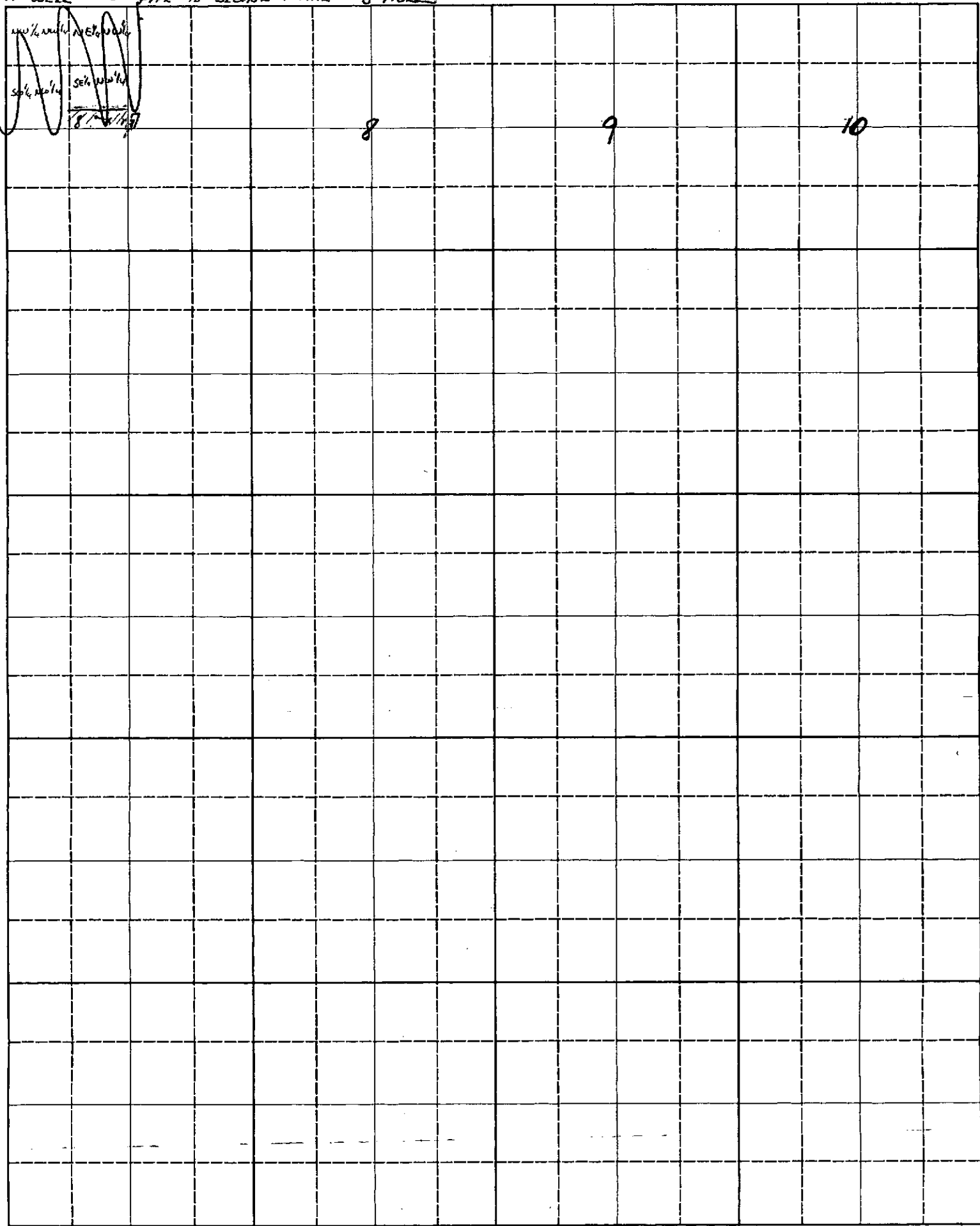
Total number of acres to be irrigated

[illegible]

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

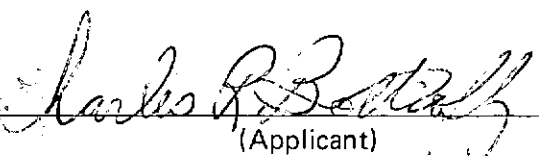
11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number. ~~SE 1/4~~ NE 1/4 NW 1/4 SEC. 7, T. 9S, R. 30E

X = WELL — = PIPE TO SECOND HOME 8 ACRES N



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.


(Applicant)

8-31-83

Received by AW Date 8-28-83 Time 3:30P

Preliminary check by gs Fee \$ 45.00

Received by AW Date 8-12-83 # 29605

Publication prepared by M. Baldwin Date 4/23/90

Published in Lower Co. Press

Publication dates 5/2 & 5/9/90

Publication approved M. Baldwin Date 6/5/90

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by AW

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 be-

fore _____, 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. Other: _____



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 24, 1994

CHARLES R BOTTROFF
3712 REGISTER RD
AMERICAN FALLS ID 83211

RE: WATER RIGHT NO. 41-07072

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,

A handwritten signature in cursive script that reads 'Shelley W. Keen'.

Shelley W. Keen
Water Rights Supervisor

SK:dc

Enclosure

RECORDED
INDEXED

DEC 19 1994

LICENS REVIEW CHECKLIST

PERMIT NO. 41-7072 DATE 10-4-94



NAME	Yes <u> </u> No <u>✓</u>	Or Address Change?
PRIORITY DATE	<u> </u> <u>✓</u>	Advance? <u> </u> Advanced to: <u> </u> Order to reinstate needed? <u> </u> Incorrect fee for rate recommended? <u>NO</u>
SOURCE	<u> </u> <u>✓</u>	Changes or just clarification of originally intended source? <u> </u> Notice of Intent to Void necessary? <u> </u>
POINT OF DIV	<u> </u> <u>✓</u> <u> </u> <u>✓</u>	Amendment needed? <u> </u> Overlaps? <u> </u>
PLACE OF USE	<u> </u> <u>✓</u> <u> </u> <u>✓</u>	Amendment needed? <u> </u> Overlaps? <u> </u>
DIV RATE	<u> </u> <u>✓</u>	Permit fee limits: <u>.00 CFS</u> Meas Q = <u>.06</u> Theo Q = <u>.06</u> Recommend: <u>.06</u> <u>Sprinkler + BUCKET</u> <u>(8 x .02 = .16) Dom or @ .04 IM</u> Combined rates exceed capacity <u> </u>
ANNUAL VOLUME	<u> </u> <u>✓</u>	Season of use: <u>C/4.0 (4-1 to 10-31)</u> <u>NEW</u> Calculations: <u>8 x 4 = 32 af Dom/Int Only @ .16 af</u> Flow limit: <u>.06 cfs x 214 x 1.9835 = 25.4</u> Combined volumes exceed capacity/allowable <u> </u>
USES	<u> </u> <u>✓</u>	Change in Nature of Use or additional uses? <u> </u> Amendment necessary? <u> </u>
REMARKS	<u> </u> <u>✓</u> <u> </u> <u>✓</u>	Multiple p/d(s) in 1/4 1/4? <u> </u> Other <u> </u>
CONDITIONS	<u> </u> <u>✓</u> <u> </u> <u>✓</u> <u>R31</u> <u> </u> <u>✓</u> <u> </u> <u>✓</u>	Measuring/Locking Devices <u> </u> Watermaster control - District <u> </u> Irrigation Overlap <u> </u> Water Quality <u> </u> Other <u>NON-TRUST</u> Heat/Cool/ Fish verified <u> </u>

COMMENTS: Reduce rate to capacity. This is a drip irrigation system; therefore, a smaller than normal rate per acre is acceptable. DOMESTIC FOR 14000 NOW.

RECOMMENDED	CFS	VOL	SRBA Claim Filed	NO/NA
<u>Irrigation</u>	<u>.06</u>	<u>25.4</u>	Adjustment Memo Needed	<u>NO</u>
<u>Domestic</u>	<u>.04</u>	<u>.16</u>		
<u>Total</u>	<u>.06</u>	<u>26.0</u>	LICENSE <u>✓</u>	
			1ST AMENDMENT LETTER <u> </u>	
			FINAL AMENDMENT LETTER <u> </u>	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

SEP 21 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 41-7072

1. Owner: CHARLES + TERESA BOTTROFF

Phone No. 548-2409

Current Address: 3712 REGISTER RD, AMERICAN FALLS, ID 83211

2. Accompanied by: TERESA BOTTROFF

EXAM. DATE: 6-23-94

Address: _____

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

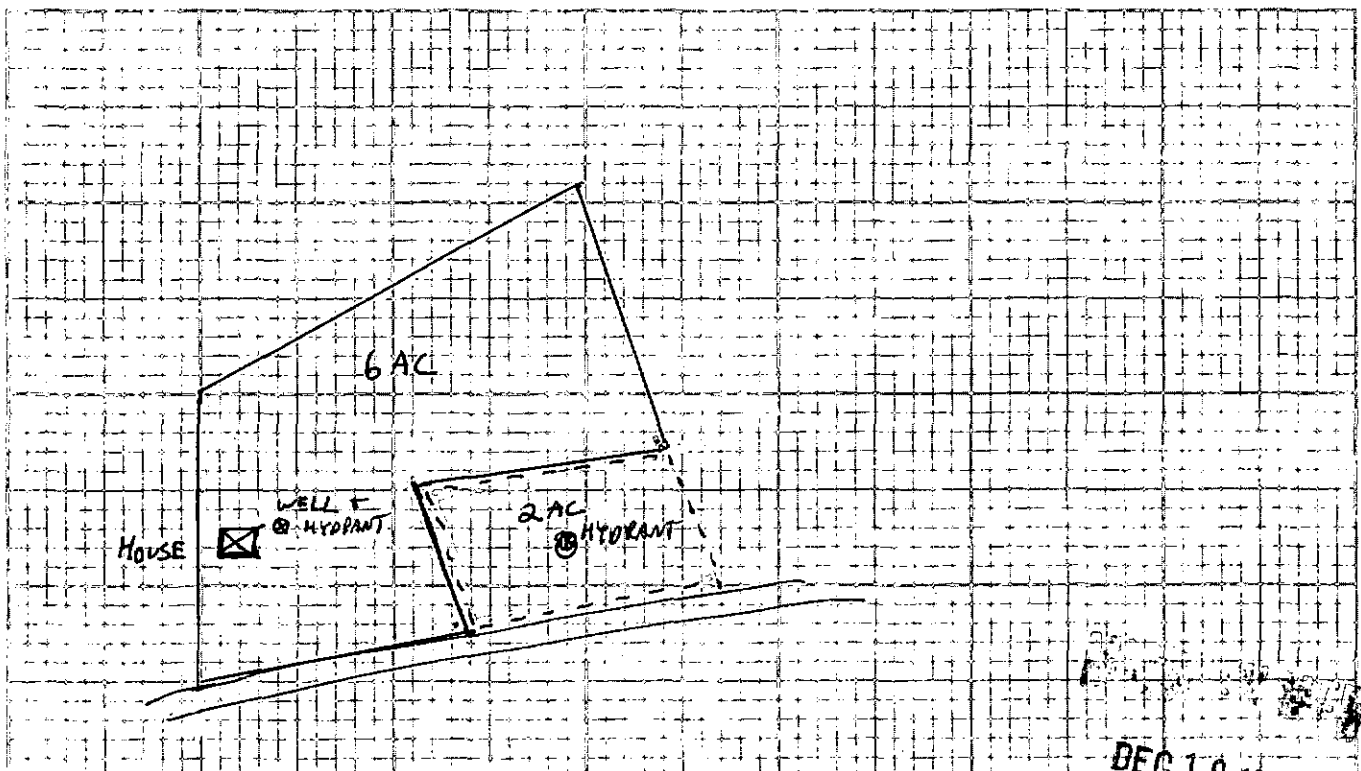
2. Other water rights with same point of diversion: -NONE-

☐ 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" = 130 ft

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.

NO

☐ Aerial Photo Attached

(required for irrigation of 10 acres or more).

DEC 19 1994

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

A 9" CASED WELL WITH 3 HP SUBMERSIBLE PUMP LIFT WATER FROM 188 FT AND DELIVERS WATER TO TWO 50 GAL P-TANKS LOCATED IN BASEMENT. WATER IS USED IN ONE HOUSE AND IRRIGATES A SMALL LAWN AND APPROXIMATELY 100 YOUNG TREES SPREAD ACROSS 8 ACRES. A PROPOSED SECOND HOUSE WAS NEVER BUILT ON SE PROPERTY, BUT THOSE 2 AC ARE BEING USED FOR THE ORCHARD. A HYDRANT REMAINS THERE FOR THIS PURPOSE

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	FRANKLIN ELECTRIC	3 HP	MODEL 2823028205	— submersible —	

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	%	%	%	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
					NE NW 7	9S	30E	CASSIA	QUAD

6. Place(s) of Use:

Indicate Method of Determination

QUAD + PLOT PLAN

Twp.	Rge.	Sec.	NE%	NW%	SE%	SW%	NE%	NW%	SE%	SW%	NE%	NW%	SE%	SW%	NE%	NW%	SE%	SW%	Totals
9S	30E	7																	8.0

DEC 19 1994

MONTGOMERY

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:

4 GAL BUCKET @ UPPER HYDRANT filled in 10.66 SECONDS

3 LOW SPRINKLERS RUNNING SIMULTANEOUSLY HYDRANT $\approx$ 6 GPM TOTAL

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: Bucket: 4 GAL in 10.6 sec = 22.6 GPM AT HYDRANT
SPRINKLER: 3 @ 2 GPM each = 6.0 GPM
22.6 GPM = 0.063 CFS
2. Alternate Method for Checking Purposes:
THEORETICAL (3 HP, 188 FT, 40 PSI) = 0.066 CFS

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)
Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) $\div$ 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:

$V_{I.R.} = (\text{Acres Irrigated})^{\frac{8.0}{}} \times (\text{Irrigation Requirement})^{\frac{4.0}{}} = 32.0 \text{ AFA}$

$V_{D.R.} = [\text{Diversión Rate (cfs)}]^{\frac{0.06}{}} \times (\text{Days in Irrigation Season})^{\frac{2.15}{}} \times 1.9835 = 25.6 \text{ AFA}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 25.6$

2. Volume Calculations for Other Uses:

DOMESTIC (INTERNAL) = 0.6 AFA

DEC 19 1994

H. REMARKS AND OVERLAP REVIEW ANALYSIS

RATE OF DIVERSION LIMITED BY SYSTEM CAPACITY

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>DOMESTIC</u>	<u>1/1</u>	<u>12/31</u>	<u>0.04</u>	<u>0.6</u>
<u>IRRIGATION</u>	<u>4/1</u>	<u>11/1</u>	<u>0.05.06</u>	<u>25.6</u>
Totals:			<u>0.05.06</u>	<u>26.2</u>

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 MICHAEL HARSHBARGER

Signature Michael Harshbarger

Certification Date _____

Field Report Preparation Date 6-27-94

CONSULTANT SEAL

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

APPROVED
DEC 19 1994

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 41-7072
DATE: 6-25-94
BY: MTH

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (\text{H.P.}) \times (\text{EFF.})}{\text{TDH}}$

Q = CFS
H.P. = Total Brake Horsepower of pumping plant (including booster)
EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = depth to water in FEET from land surface to pumping water level
PSI = pumping pressure measured in psi near pump (if open discharge assume zero [0])

$$Q = \frac{(8.8) \left(\dots \underline{3} \text{ H.P.} \dots \right) (0.70)}{[(\dots \underline{188} \text{ FT.} \dots) + (\dots \underline{40} \text{ PSI.} \dots \times 2.31)]} = \underline{0.066 \text{ CFS}}$$

<u>LIFT FROM:</u>	<u>PSI FROM:</u>	<u>NOTES ON PUMP:</u>
measurement ()	measurement ()	Motor Make, Serial or ID
owner ()	owner ()	
area estimate ()	estimate (☒)	Pump Make, Serial or ID, rating
well logs (☒)	owner gage ()	
Booster (Y) (☒)		
REMARKS		

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	
4/1 - 11/1	215	
4/15 - 10/15	184	
3/1 - 12/1	276	

POTENTIAL = $\frac{(\dots \underline{215} \dots) \times (1.98) \times (\dots \underline{0.06} \dots)}{(\dots \underline{8} \dots)} = \underline{3.2}$

REQUIRED Acre Feet/Acre/Annum = 4.0
(AF/Ann/Ac irrigation requirement from chart for area)

NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY ()

IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

DEC 19 1994

41-7072

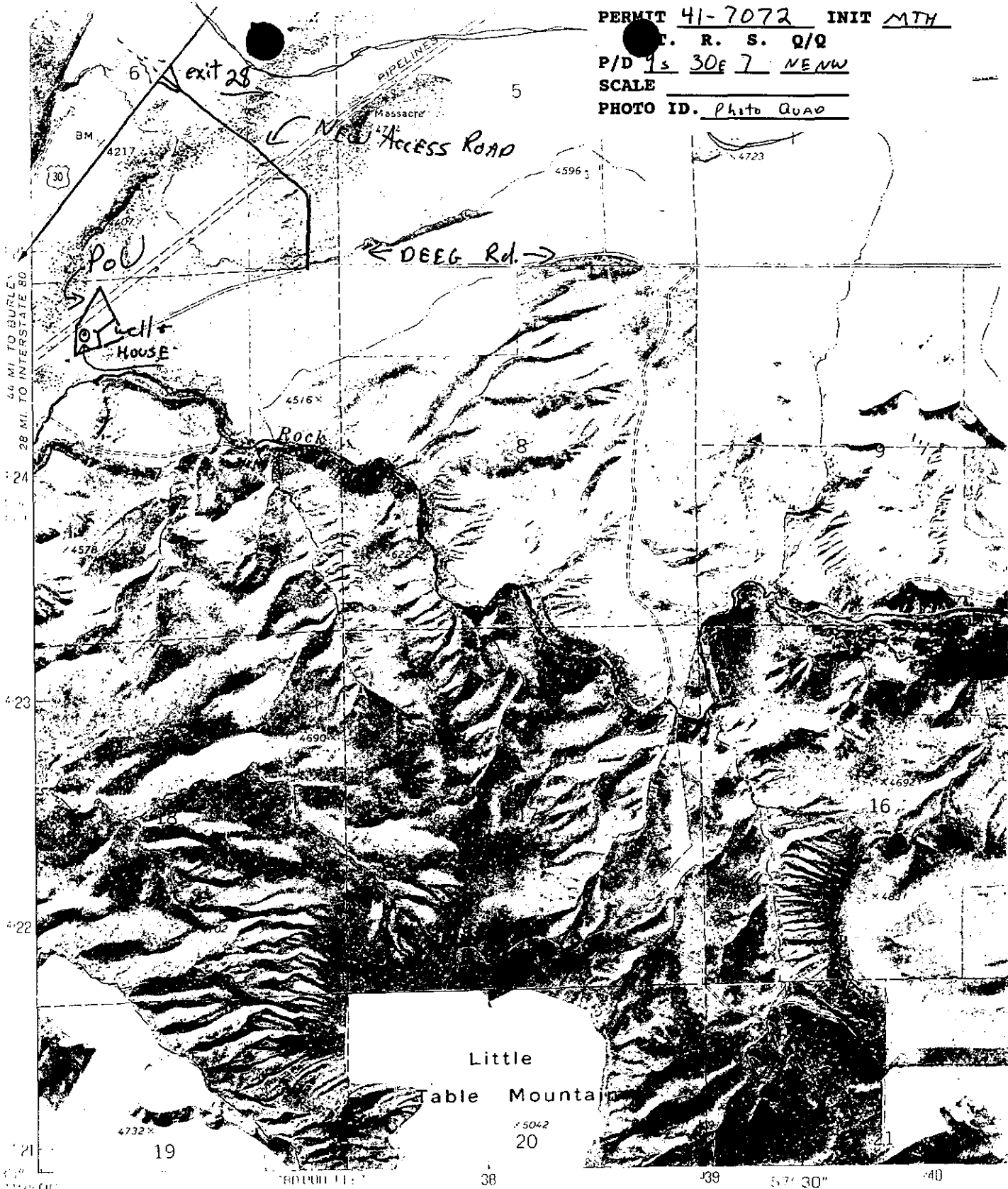
PERMIT 41-7072 INIT MTH

T. R. S. Q/Q

P/D 93 30E 7 NE NW

SCALE

PHOTO ID. Photo Quad



Produced by the Geological Survey
in cooperation with the Soil Conservation Service

Orthophotograph prepared from 1:78 000-scale
aerial photographs taken August 20, 1976

Projection and 10,000-foot grid ticks: Idaho coordinate
system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks,
zone 12. 1927 North American datum

Photoimagery transformed by scanning techniques
which may produce double or mismatched images;
use the mean of image positions for map point.

DEC 19 1994

Copies
At B

THIS
END CALL

41-7072
BOTTROFF



POU
HOUSE &
SMALL LAWN



POU
LARGEST FRUIT
TREE. MOST
SMALLER THAN
THE WEEDS!

DEC 10 1994

41-7072
BOTTRUFF



P/D
AND
HYDRANT FOR
DRIP IRR. LINES

DEC 19 1994

February 21, 1992

CHARLES R. BOTTROFF
3712 REGISTER RD.
AMERICAN FALLS ID 83211

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 41-07072

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 SOUTHERN Regional Office in Twin Falls at (208)736-3033.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED
MAR 05 1992

138399

December 31, 1991

CHARLES R. BOTTROFF
3712 REGISTER RD.
AMERICAN FALLS ID 83211

PROOF DUE NOTICE

RE: PERMIT NO. 41-07072

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 March 1, 1992. (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

RECEIVED

MAR 05 1992

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

RECEIVED

MAR 19 1991

24-Apr-1990

CHARLES &/OR TERESA BOTTROFF
3712 REGISTER RD
AMERICAN FALLS ID 83211

Re: Application for Permit No. 41-07072

Dear Mr. & Mrs. Bottroff:

On March 25, 1988 the Federal Energy Regulatory Commission (FERC) issued an order satisfying the last condition to make the Swan Falls Agreement effective. The Department is now prepared to proceed with the normal processing of your application.

This office will be advertising the application in the Power County Press on 5/2 & 5/9/90. A period of ten days after the last publication will be allowed for the submittal of protests.

If the application is protested you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our State Office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Very truly yours,

Loren O. Holmes, P.E.
Southern Region Manager

LH:MB

MICROFILMED

MAR 19 1991

State of Idaho
County of Power

MAY 10 1990
Department of Water Resources
Eastern District Office

Erma Crumpton being first duly sworn on oath, states:

That she is the publisher of The Power County Press, a newspaper of general circulation in Power County, Idaho, published weekly at American Falls in said county, that said newspaper has been published in said county uninterruptedly and continuously for over seventy-eight consecutive weeks, prior to the first publication of the annexed notice of advertisement:

That the annexed notice or advertisement was published as per clipping attached in the regular and entire edition of said newspaper and not in any supplement thereof for 2 successive weekly issues thereof, the date of the first publication being the 2 day of May 1990 and the date of last publication being the 9 day of May 1990

(Signed) *Erma Crumpton*
State of Idaho
County of Power

On this 16 day of May in the year of 1990, before me, a Notary Public, personally appeared Erma Crumpton, 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.

Erma Crumpton
Notary Public for Idaho
Residing at American Falls, Idaho
My commission expires: June 8, 1993

MICROFILMED
MAR 19 1991

RECEIVED

JUN 1
Department of Water Resources
Southern Region

NOTICE OF APPLICATION FOR WATER RIGHT
The following application(s) have been filed to appropriate the public waters of the State of Idaho:
4-0706
GARRY, KATHLEEN D.
SPRITH, KERRY G.
IN TYLER
AMERICAN FALLS, ID 83210000
Source: GROUNDWATER
Diverter: Pt. SENW Sec 7 T 09S R 3E
Use: IRRIGATION (1,200 CFS)
Total Diversion: (200 CFS)
Date Filed: 4/26/1983
Ic: T09S R30E S07 SWNW SENW 14.0 ACRES TOTAL
4-0707
WALKER, MERRILL E.
WALKER, DONNA D.
BOX 336
ROCKLAND, ID 83271
Source: GROUNDWATER
Diverter: Pt. SENW Sec 5 T 09S R 31E
Use: IRRIGATION (600 CFS)
Total Diversion: (400 CFS)
Date Filed: 5/3/1983
Ic: T09S R31E S05 SWNW SENW 80.0 ACRES TOTAL
4-0708
ROCKLAND VALLEY RANCHES
BOX 334
ROCKLAND, ID 83271
Source: ROCK CREEK
Diverter: Pt. SENW Sec 15 T 09S R 30E
Use: IRRIGATION (2,000 CFS)
Total Diversion: (2,000 CFS)
Date Filed: 4/26/1983
Ic: T09S R30E S14 SWNW SENW NEESE SWSE SENE 513 SWNE SENW NWSW NEESE NWSE SENE 523 NENE NWNE SWNE SENE NEW NWNW SENW 367.0 ACRES TOTAL
4-0709
WALKER, OMA
WALKER, GLENN
ROCKLAND, ID 83271
Source: GROUNDWATER
Diverter: Pt. NENE Sec 33 T 09S R 31E
Use: IRRIGATION (1,000 CFS)
STOCKWATER (1,000 CFS)
DOMESTIC (1,000 CFS)
Total Diversion: (1,000 CFS)
Date Filed: 4/26/1983
Ic: T09S R31E S03 NWSW NWSE 5.0 ACRES TOTAL
4-0710
DEGO, TIMOTHY P.
HC 76 BOX 2130
AMERICAN FALLS, ID 83211
Source: GROUNDWATER
Diverter: Pt. SENW Sec 7 T 09S R 3E
Use: IRRIGATION (1,600 CFS)
DOMESTIC (1,000 CFS)
Total Diversion: (2,200 CFS)
Date Filed: 5/12/1983
Ic: T09S R30E S07 NENE 6.0 ACRES TOTAL
4-0711
ALLEN, JEFF D.
P.O. BOX 311
ROCKLAND, ID 83271
Source: ROCK CREEK, EAST FORK
Diverter: Pt. NENE Sec 10 T 09S R 31E
Use: IRRIGATION (4,000 CFS)
Total Diversion: (4,000 CFS)
Date Filed: 5/12/1984
Ic: T09S R31E S03 SWSE 2.0 ACRES TOTAL
4-0712
PENNAK, LANNY N.
2911 COLD CREEK RD.
AMERICAN FALLS, ID 83211
Source: GROUNDWATER
Diverter: Pt. NENE Sec 5 T 09S R 3E
Use: IRRIGATION (4,800 CFS)
Total Diversion: (4,800 CFS)
Date Filed: 9/11/1985
Ic: T09S R30E S04 NENE NWNE SWNE SENE 240.0 ACRES TOTAL
4-0713
MONTROSS, ERNE
MONTROSS, COLEEN
BOX 29
ROCKLAND, ID 83271000
Source: GROUNDWATER
Diverter: Pt. SENE Sec 34 T 09S R 3E
Use: IRRIGATION (1,500 CFS)
Total Diversion: (1,500 CFS)
Date Filed: 9/22/1986
Ic: T09S R30E S36 NENE 1.0 ACRES TOTAL

The foregoing will be subject to all prior, aforesaid, interests must be filed with the Director, Dept. of Water Resources, Eastern District Office, P.O. Box 336, American Falls, Idaho 83201 on or before MAY 21, 1991.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region
222 Shoshone Street East
Twin Falls, ID 83301
(208)734-3578

APRIL 23, 1990

POWER COUNTY PRESS
174 IDAHO STREET
AMERICAN FALLS, ID 83211

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before MAY 21, 1990.

Yours truly,

Mary Baldwin
Secretary/Office Coordinator

Enclosure

RECEIVED

MAR 19 1991

41-07072

BOTTROFF, CHARLES R.
BOTTROFF, TERESA
3712 REGISTER RD.
AMERICAN FALLS, ID 83211

Source: GROUNDWATER

Diversion Pt: NENW Sec 7 T 09S R 30E

Use: IRRIGATION (.160 CFS)
 DOMESTIC (.060 CFS)
 Total Diversion: (.220 CFS)

Date Filed: 8/12/ 1983

In: T09S R30E S07 NENW

8.0 ACRES TOTAL

MICROFILMED

MAR 18 1991

The permit(s) will be subject to all prior water rights. Protests must be filled with the Director, Dept. of Water Resources, Southern Region, 222 Shoshone Street East, Twin Falls, Idaho 83301 on or before MAY 21, 1990.

R. KEITH HIGGINSON, Director

Published 5/ 2/1990 & 5/ 9/1990

RECEIVED

MAR 18 1991

MEMORANDUM

TO: FILE 41-7072
FROM: MARY BALDWIN
DATE: 23-Apr-1990

TELEPHONE CONTACT TO MR. BOTTROFF MADE ON 4/5/90 REGARDING LOST FILE. INFORMED HIM THAT THE FILE HAD BEEN LOCATED AND THE NEXT CORRESPONDENCE FROM OUR DEPT. WOULD BE NOTIFICATION THAT THE FILE WAS BEING PROCESSED, ALSO, THAT HE WOULD BE GIVEN ADVERTISING DATES OF APPLICATION IN THE POWER CO. PRESS NEWSPAPER.

MICROFILMED

MAR 19 1991

INTER-DEPARTMENT MEMO — 1

DATE 4-5-1990

FROM

Steve Clelland

TO

Loren Holmes ~~MA~~ - is this Application now
Being advertised?

SUBJECT

Missing Application 41-7072

The Attached Memo is All that is known
About this file. What is the Next Step?

I have added this Memo + proof to the
file to explain 41-7072.

RECEIVED

MAR 19 1991

Soc

SIGNATURE

APRIL 4, 1990

MEMO TO FILE

TO: 41-07072

FROM: STEVE CLELLAND *sc*

RE: ORIGINAL FILING OF APPLICATION

TERESA BOTTROFF CAME TO OUR OFFICE TODAY IN RESPONSE TO THE ADJUDICATION COMMENCEMENT NOTICE TO FILE ON HER WATER RIGHTS. THE NAME QUERY LISTED 41-07072 AS BELONGING TO CHARLES R. AND TERESA BOTTROFF, HUSBAND AND WIFE. THE LEGAL DESCRIPTION AND USES MATCHED THE USES AND ACRES THEY ARE CURRENTLY USING. THE COMPUTER RECORD LISTED THIS WATER RIGHT AS AN APPLICATION.

MRS. BOTTROFF THEN ASKED WHERE THEIR APPLICATION WAS IN THE PROCESSING. HERE IS WHAT I FOUND AT THIS TIME:

- THERE IS A COMPUTER FILE OF THIS WATER RIGHT; STAGE=A.
- THERE IS A ROLODEX CARD THAT INDICATES THE FILE IS AT THE REGION. NOTES INDICATE "SF".
- NO HARD COPY EXISTS IN THE REGION FILES.
- NO MICROFICHE COPY EXISTS AT REGION.
- I SPOKE TO TIM LUKE AND HE COULD NOT FIND ANY RECORD OF THE APPLICATION AT THE STATE OFFICE. THE FILE IS NOT PART OF SWAN FALLS.
- MRS. BOTTROFF SAID THE FIRST APPLICATION THE SUBMITTED WAS RETURNED FOR CORRECTIONS AND MORE FEES. THEY MADE THE CHANGES AND SENT THE CHECK FOR \$45 DATED AUGUST 1983. SHE HAS A LETTER THAT SHE WROTE IN 1985 ASKING OUR DEPARTMENT THE SITUATION CONCERNING THE APPLICATION AND NEVER RECEIVED ACKNOWLEDGEMENT FROM IDWR.

QUESTION?

WHERE IS THE ORIGINAL FILING?

WHAT IS THE PROCEDURE TO CONTINUE PROCESSING THIS APPLICATION?

CLAIMANT UPDATE: CHARLES R. & TERESA BOTTROFF

3712 REGISTER RD.

AMERICAN FALLS, 83211

RECEIVED

233-4425 (WORK)

548-2409 (HOME)

MAR 19 1991

RECEIVED

AUG 13 1985

CHARLES R. BOTTROFF
P.O. Box 1020
AMERICAN FALLS, ID 83211
July 19, 1985

Dear Sir,

Department of Water Resources
~~Southern District Office~~

On June 28, 1983 you received our application for a water right. You had a couple questions and wanted more money. He sent the information back with another check. The check was cashed Aug. 15, 1983. He hasn't heard anything since then and we are becoming a little concerned. He has seen so many claims in the legal section of our paper that were filed after our was. He would appreciate knowing where our claim is in the processing. Thank you for your time.

Sincerely yours,

Jonas Bottroff

MICROFILMED

MAR 19 1991



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

October 7, 1983

Charles R. Bottroff
Massacre Rock State Park
HC #76 - Box 1020
American Falls, Idaho 83211

Dear Mr. Bottroff:

On September 13, 1983, we requested additional data from you due to a discrepancy in the land description shown on your application for a water permit.

This information has not been received and we cannot process your application without it.

We need a survey plat or aerial photo of your property showing the well location, homes and land to be irrigated.

If you have questions concerning this matter, please feel free to contact this office.

Very truly yours,

James E. Stanton
Sr. Water Resource Agent

LOH:JES:marya

MICROFILMED

MAR 19 1991



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

150 Shoup — Suite 15
Idaho Falls, Idaho 83402
(208) 525-7161

July 6, 1983

RECEIVED

AUG 11 1983

Charles R. Bottroff
Massacre Rocks State Park
HC 76, Box 1020
American Falls, ID 83211

Department of Water Resources
Eastern District Office

Dear Sir:

Enclosed is an application for permit and check #92-141 for \$30 that was received by this office.

Maximum amount for two domestic homes would be 0.06cfs and for irrigation would be $8\text{ac} \times 0.02\text{cfs/ac} = 0.16\text{cfs}$ (item 4). Item 5 would be the total of item 4. The map, item 11, should be drawn to scale or the scale changed. Each small square represents a 40 acre tract. Refer to enclosed example of how to do the map.

Upon receipt of the completed application and appropriate filing fee, processing will begin.

Sincerely,

KEITH C. WILSON
Sr. Resource Agent

KCW:jk

Enclosures

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MAR 19 1991