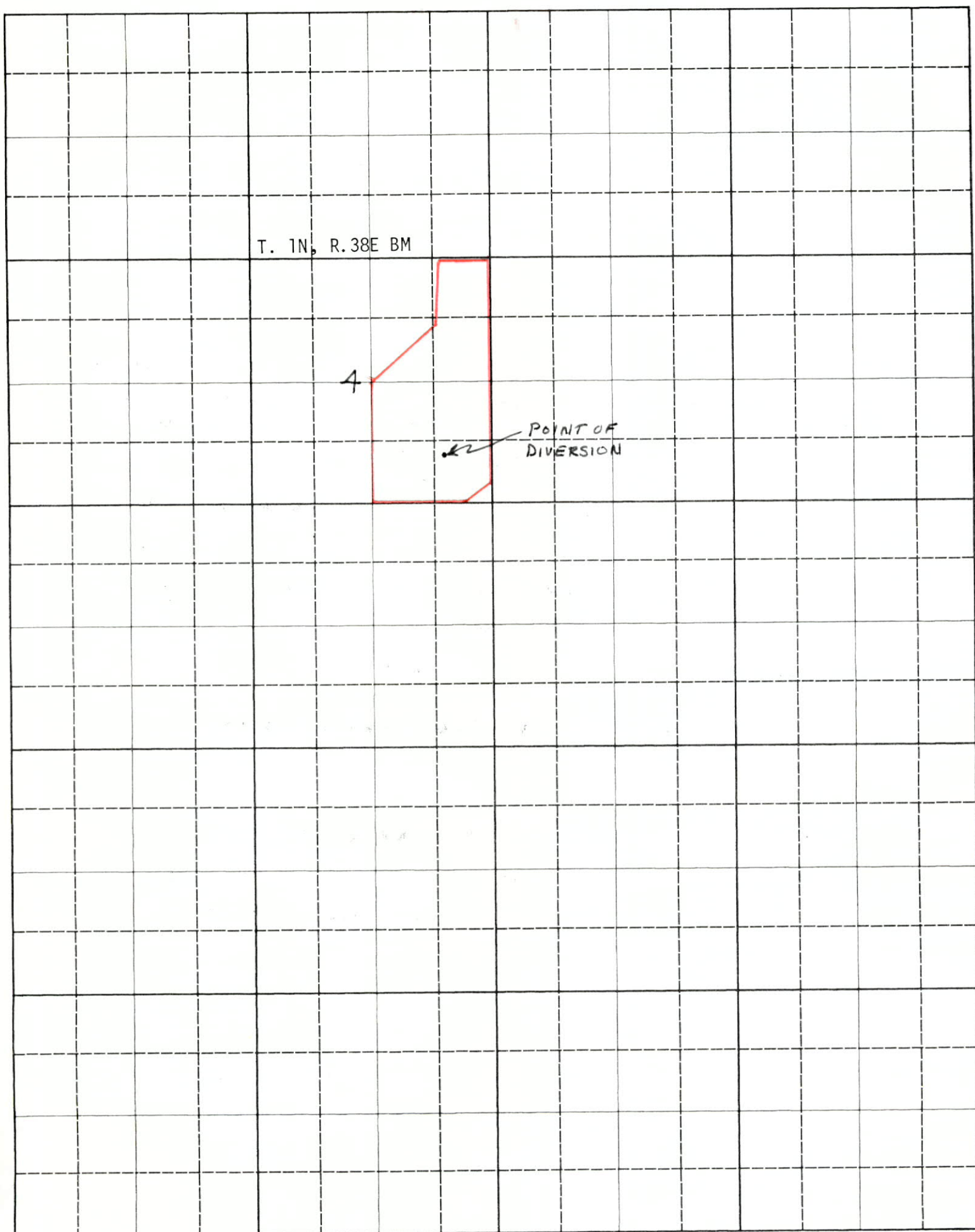


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

MICROFILMED

JUN 12 1989

Ronald F. Lloyd
(Applicant)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

FEB 21 1995

Department of Water Resources

A. GENERAL INFORMATION

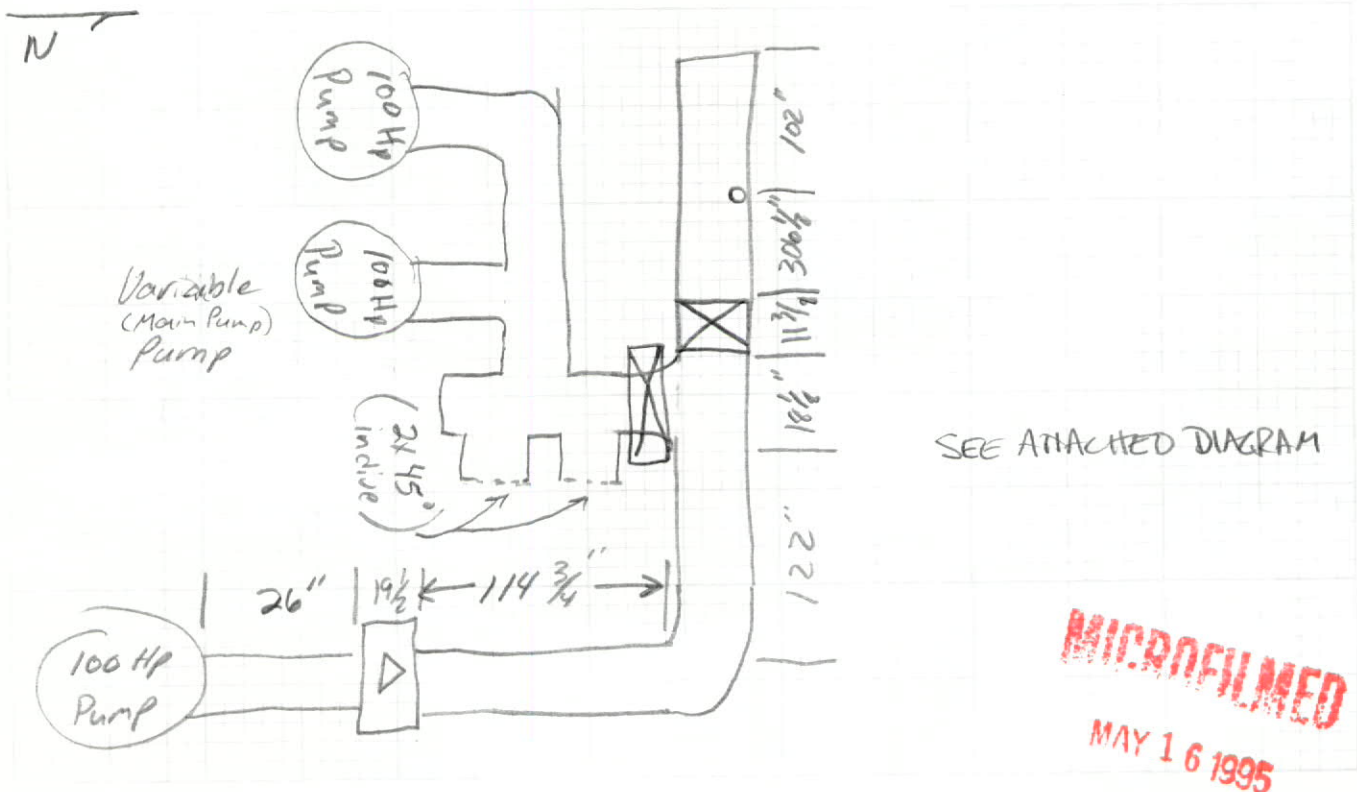
1. Owner: City of Idaho Falls Permit No. 25-7299
Current Address: P.O. Box 220, Idaho Falls, Id 83402-0220 Phone No. 529-1472
2. Accompanied by: James Schwarzenberge EXAM. DATE: 6-6-91
Address: Same Phone No. 529-1459
Relationship to Permit Holder: Employee
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 01-00312 (Idaho Irrigation District) ☐ Copies Attached
2. Other water rights with same point of diversion: NONE ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

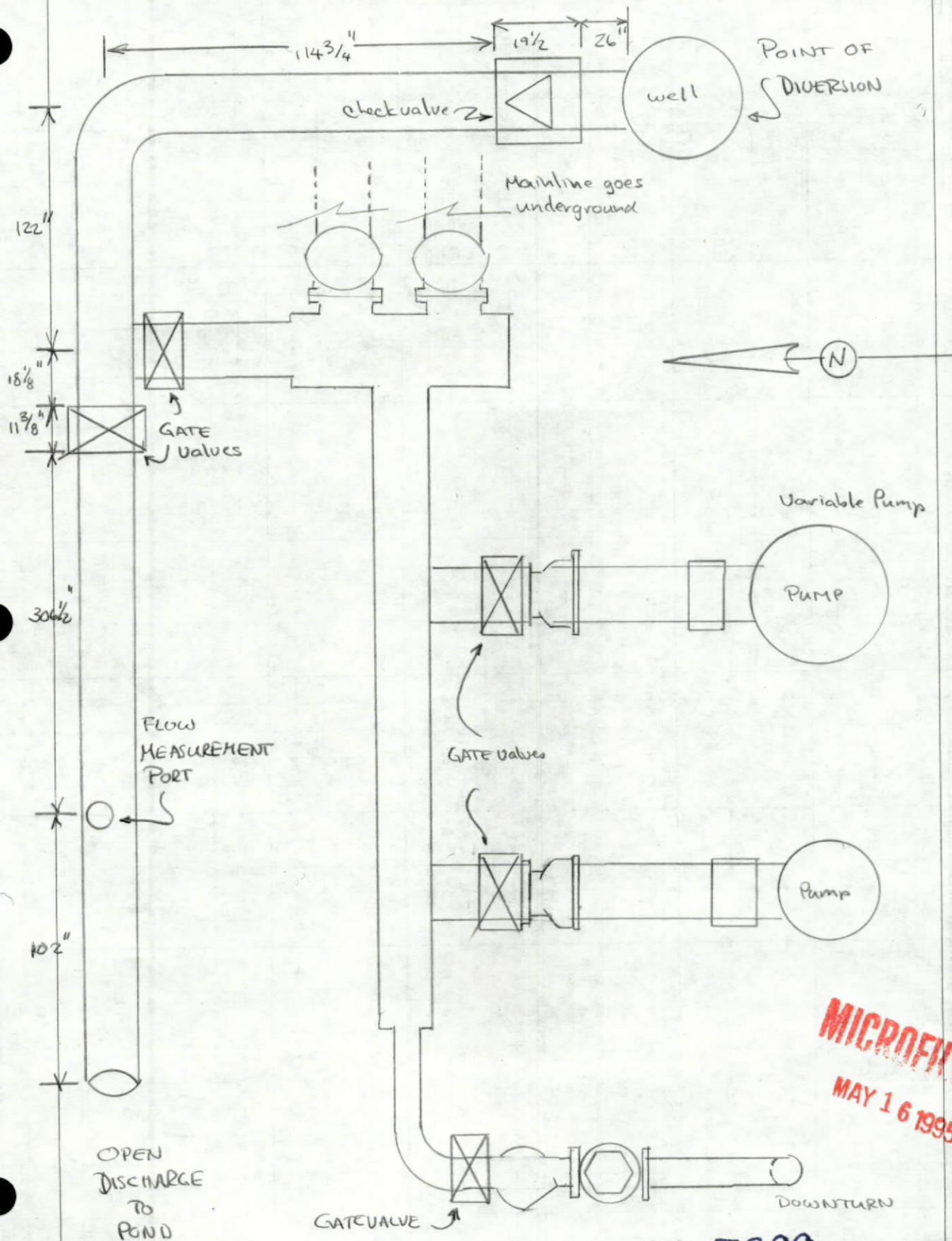
1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



MICROFILMED
MAY 16 1995

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and place(s) of use (required).
☒ Aerial Photo Attached (required for irrigation of 10 acres or more).
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).



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MAY 16 1995

25-7299

33

34

27'30"

Borrow Pit

4705

Place of Use
25-7299

T 2 N

TOWN

ROAD

T 1 N

4703

4811

R38E

Borrow Pit

Sandpit

33

Sandpits

4700

T
N

20

40

38

Out

TIN

POINT OF DIVERSION

Hackman

PACIFIC

4694

3570 / NE
(IDAHO FALLS SOUTH)

Sandy Downs
Rodeo Grounds

Borrow Pit

Sand

UNION

MAY 16 1995

25-7299

4697



25-07299



25-7299
FILMED
MAY 16 1995

25-07299



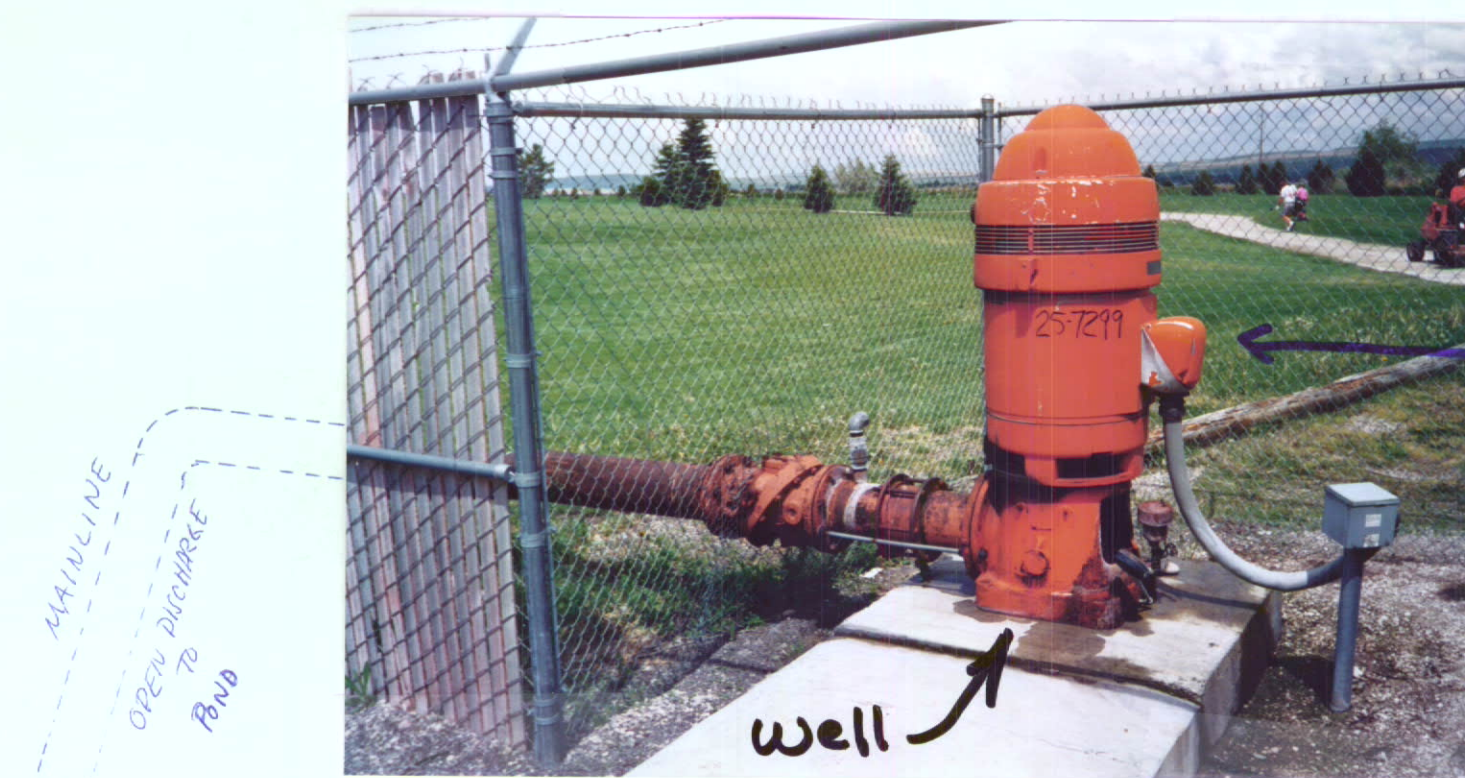
well



Middletown

25-7299

MAY 16 1995



DIVERSION PUMP
AND
WELL

25-7299

MICROFILM

MAY 16 1995

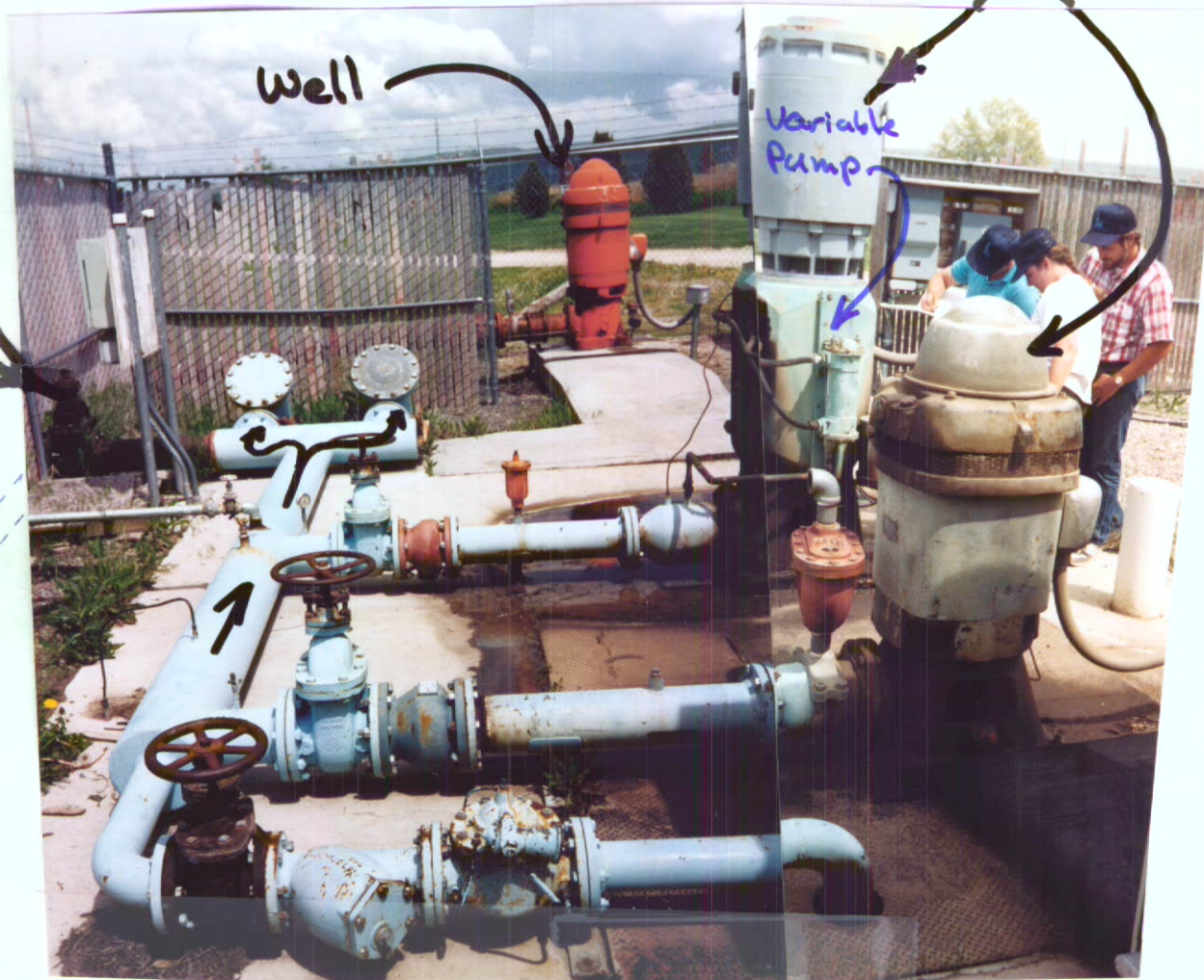
Valve used to connect
well directly into
pressurized system

System charging
Pumps

Well

Variable
Pump

Mainline open
discharge to
pond



Charging System

INTAKE FROM
POND

25-7299

MISSOURI
MAY 16 1995

25-7299

DIVERSION

well, pump,
mainline with open
discharge to pond



well



Valve used to connect
well directly to
pressurized system

25-7299
MAY 16 1995

Charging System pumps



Charging System Pumps - used to pressureize the sprinkler irrigation system by taking water from pond into the system mainline.

Middot

MAY 16 1995

25-7299

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 25-07299

Priority: December 23, 1982

Maximum Diversion Rate:

2.23 CFS

This is to certify, that CITY OF IDAHO FALLS

PO BOX 220

IDAHO FALLS ID 83402-0220

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated December 23, 1982; and has submitted Proof of Beneficial Use on September 29, 1989. An examination indicates that the works have a diversion capacity of 3.140 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	04/01 to 10/31	2.23 CFS	
<u>LOCATION OF POINT(S) OF DIVERSION:</u>		SESE, Sec. 4, Township 01N, Range 38E BONNEVILLE 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>
01N	38E	4	NENE 33	SWNE 20	SENE 38	
			NESE 40	NWSE 40	SWSE 30	
			SESE 37			238
		9	NWNE 5			5

Total number of acres irrigated: 243

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. 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.
5. 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.
6. The right holder shall use the full allotment of appurtenant surface water rights, to the extent they are available, in conjunction with groundwater diverted pursuant to this right.
7. This right to divert groundwater shall not be used if the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.

MAY 16 1995

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

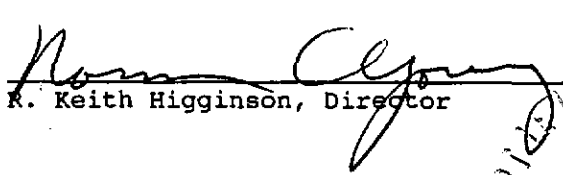
WATER RIGHT NO. 25-07299

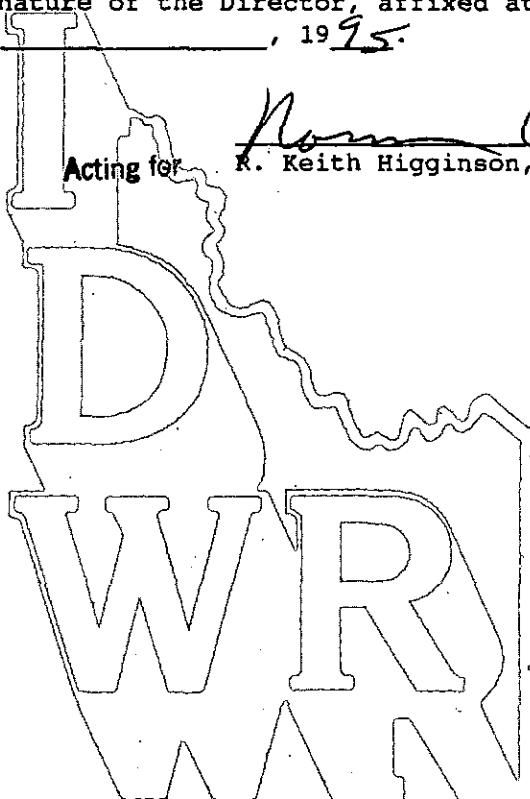
CONDITIONS/REMARKS:

8. This right when combined with all other rights shall provide no more than .02 cfs per acre nor exceed a combined annual diversion volume of 972 af for the lands above.
9. Place of use is known as the Sand Creek Golf Course.

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 29TH day of April, 1995.

Acting for


R. Keith Higginson, Director



MICROFILMED
MAY 16 1995

APPROVED

State of Idaho
Department of Water Resources

RECEIVED

APR 17 1995

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 25-07299

Department of Water Resources

Date of Priority: December 23, 1982 Maximum Diversion Rate: 2.23 CFS
Comes now CITY OF IDAHO FALLS
PO BOX 220
IDAHO FALLS ID 83402-0220 and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the
State of Idaho No. 25-07299, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	2.23 CFS	

LOCATION OF POINT(S) OF DIVERSION: SESE , Sec. 4, Township 01N, Range 38E
BONNEVILLE County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
01N	38E	4	NENE 33	SWNE 20	SENE 38		
			NESE 40	NWSE 40	SWSE 30		
			SESE 37				238
		9	NWNE 5				5

Total number of acres irrigated: 243

Permit holder asserts that no one will be injured by such change and that such change
will be made at permit holder's own risk.

Signed at Idaho Falls, Bonneville Co., this 13th day of April, 1995.

RECEIVED

MAY 16 1995

(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 25-07299



FOR DEPARTMENT USE ONLY

Preliminary check by Fee = 50.00 Received by JW # C032493 Date 4-17-95

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 25-07299 with the following;

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. 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.
5. 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.
6. The right holder shall use the full allotment of appurtenant surface water rights, to the extent they are available, in conjunction with groundwater diverted pursuant to this right.
7. This right to divert groundwater shall not be used if the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
8. This right when combined with all other rights shall provide no more than .02 cfs per acre nor exceed a combined annual diversion volume of 972 af for the lands above.
9. Place of use is known as the Sand Creek Golf Course.

Witness my hand this 29th day of April, 1995.

Acting for

R. Keith Higginson
R. Keith Higginson, Director

MICROFILMED

MAY 16 1995

Form 217
03/86

RECEIVED

SEP 29 1989

Department of Water Resources
Eastern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

RECEIVED

OCT 03 1989

Department of Water Resources

For Office Use Only
Fee Received \$150.00
Date 9-20-89
Receipt # E010893
Received by [Signature]
Reviewed by [Signature]
Sent to region [Signature]

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 25-07299

Name(s) of Permit Holder: City of Idaho Falls (Sand Creek Golf Course)

Post Office Address: P. O. Box 50220

Idaho Falls, Idaho 83405-0220

Telephone No. (208) 529-1431

Source of Water: Ground-water

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation 253 (acres)

Other/Remark _____

Total rate and/or volume for which proof is submitted 2.23 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: October 1980

Measuring Device: Required? ☐ Yes ☒ No
Installed? ☐ Yes ☒ No

Fee enclosed \$150.00
(See License Examination Fee Schedule)

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

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

Chuck Deming - 529-1431 / Sharon Roh 529-1431

(Name)

(Telephone Number)

P. O. Box 50220, Idaho Falls, Idaho 83405-0220

(Address)

OCT 18 1989

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.

9-22-89

Date

Sharon Z. Roh General Services
Signature of Permit Holder (and title, if appropriate)

Admin.

\$85.00

Form 202
3/78Ident. No. 25 7299

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant City of Idaho Falls Phone 529-1472Post office address P.O. Box 220, Idaho Falls, ID 83402 02202. Source of water supply Ground-water which is a tributary of _____3. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 4 Township 1NRange 38E B.M. Bonneville County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 2.23 for Irrigation purposes from Mar. 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)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 2.23 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Pump and Pipeline to Lakeb. Height of storage dam 3 feet, active reservoir capacity _____ acre-feet; total reservoir capacity 6 acre-feet, materials used in storage dam: ConcretePeriod of year when water will be diverted to storage Mar. 1 to Oct. 31 inclusive.
(Month/Day) (Month/Day)c. Proposed well diameter is 16 inches; proposed depth of well is 200 feet.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 - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water * SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 4 Township 1NRange 38E B.M. * As per telecon KCW w/Donal Lloyd 12-27-82

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

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

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

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

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JUN 12 1989

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

TWP	RANGE	SEC.	NE%				NW%				SW%				SE%				TOTALS
			NE%	NW%	SW%	SE%	NE%	NW%	SW%	SE%	NE%	NW%	SW%	SE%	NE%	NW%	SW%	SE%	
1N	38E	4	35		20	40	40	40	40	38					40	40	40	38	253*

As per telecon KCW w/Donald Lloyd 12-27-82 Total number of acres to be irrigated 253

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

9. a. Who owns the property at the point of diversion Applicant

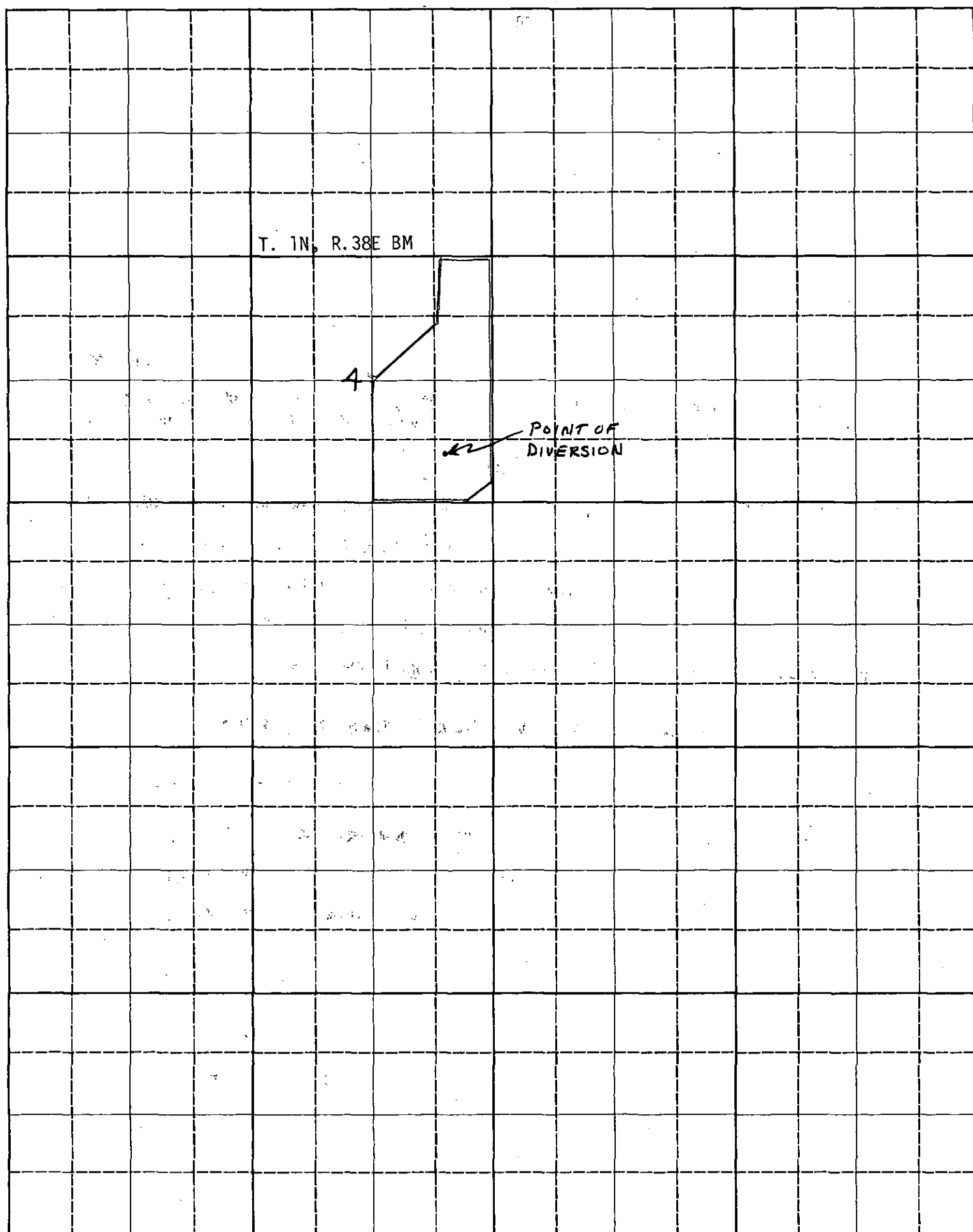
b. Who owns the land to be irrigated or place of use Applicant

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

10. Remarks

JUN 12 1989

11. 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.

MICROFILMED

JUN 12 1989

Ronald F. Lloyd
(Applicant)

Proposed Priority 12/23/82

Received by EMC Date 12-23-82 Time 10:30

Preliminary check by KW Fee \$ 85⁰⁰

Receipted by EMC Date 12-23-82 # 23255

Publication prepared by GB Date 4-11-89

Published in Last Register

Publication dates 4-20, 21, 89

Publication approved OW Date 5-15-89

Protests filed by: none

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by KW

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 25-7299, and said application is hereby APPROVED.

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before July 1, 19 90

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

d. Other: Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

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.

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.

Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 6th day of June, 1989.

A. Glen Saylor

RECEIVED

JUN 12 1989



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

May 2, 1995

CITY OF IDAHO FALLS
PO BOX 220
IDAHO FALLS ID 834020220

RE: WATER RIGHT NO. 25-07299

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved Application for Amendment.

Should you have any questions regarding these documents, please contact me.

Sincerely,

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

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED
MAY 16 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 7, 1995

CITY OF IDAHO FALLS
PO BOX 220
IDAHO FALLS ID 834020220

RE: WATER RIGHT NO. 25-07299

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed Application for Amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the place(s) of use description. Please review carefully and if you concur, sign the amendment and return with the \$50.00 filing fee within 14 days.

The last page of the Application for Amendment form contains a list of CONDITIONS/REMARKS proposed for the license when it is issued. These conditions/remarks may be modified upon further administrative review.

If you do not concur, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,

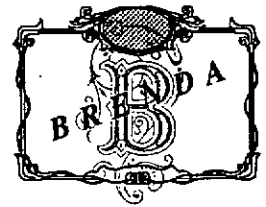
Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

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MAY 16 1995

LICENSE REVIEW CHECKLIST



PERMIT NO. 25-07299 DATE 3-21-95

NAME	<u>Change</u> ☒ <u>OK</u>	☒	Or Address Change?
PRIORITY DATE	☒	☒	Advance? <u> </u> Advanced to: <u> </u> Order to reinstate needed? <u> </u> Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☒	☒	Changes or just clarification of originally intended source? <u> </u> Notice of Intent to Void necessary? <u> </u>
POINT OF DIV	☒	☒	Amendment needed? <u> </u> Overlaps? <u> </u>
PLACE OF USE	☒	☒	Amendment needed? <u>Add Sec 9 acres</u> Overlaps? <u>Gibbsville Springfield</u>
DIV RATE	☒	☒	Permit/fee limits: <u>2.23 CFS</u> annubar Meas Q = <u>3.14</u> Theo Q = <u> </u> Recommend: <u>2.23</u> <u>(limited by permit to 2.23)</u> <u>243 x .02 = 4.86</u> Combined rates exceed capacity <u> </u> NEW
ANNUAL VOLUME	☒	☒	Volume Limit: <u> </u> Season: <u>C/4.0 (4-1 to 10-31)</u> Calculations: <u>243 x 4 = 972 cfs</u> Flow limit: <u>2.23 cfs x 214 x 1.9835 = 946.6</u> Combined volumes exceed capacity/allowable <u> </u>
USES	☒	☒	Change in Nature of Use or additional uses? <u> </u> Amendment necessary? <u> </u>
REMARKS	☒	☒	Multiple p/d(s) in 1/4 1/4? <u> </u> Other <u>WB3 WB8 WB7</u>
CONDITIONS	☒	☒	Watermaster control - District <u> </u> Measuring/Locking Devices <u> </u> Irrigation Overlap <u> </u> Other <u>048 + 049 (NON-TRUST)</u> Water Quality <u> </u> Heat/Cool/Fish verified <u> </u>

COMMENTS:

Amend plu

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	<u>YES</u>
<u>Irrigation</u>	<u>2.23</u>	<u>(972)</u>	Adjustment Memo Needed	<u>YES</u>
<u> </u>	<u> </u>	<u> </u>	LICENSE	<u> </u>
<u> </u>	<u> </u>	<u>REMARKS</u>		
<u> </u>	<u> </u>	<u> </u>		
<u> </u>	<u> </u>	<u> </u>		

AMENDMENT LETTER P41 + P38 + S05
SECOND AMENDMENT LETTER P42 + S05

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

FEB 21 1995

Department of Water Resources

A. GENERAL INFORMATION

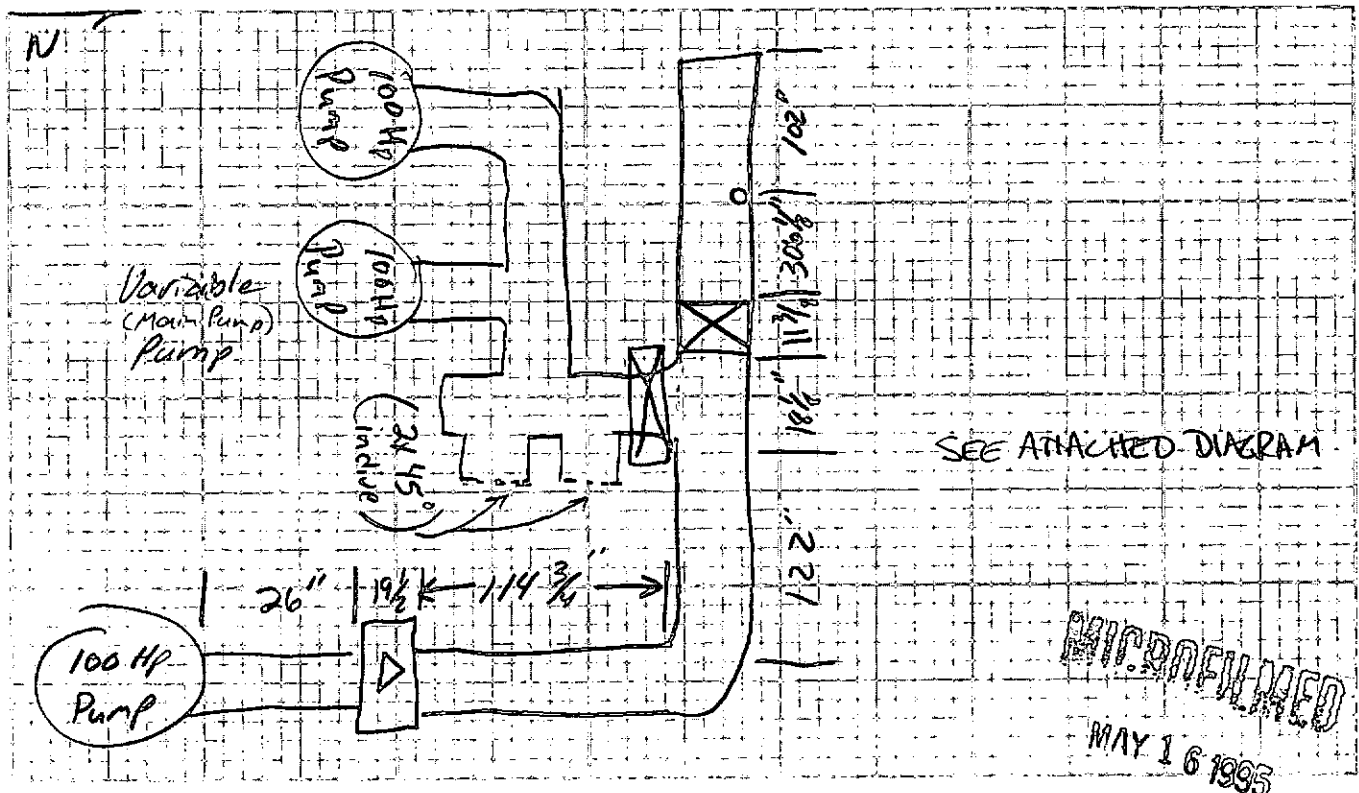
1. Owner: City of Idaho Falls Permit No. 25-7299
Current Address: P.O. Box 220, Idaho Falls, Id 83402-0220 Phone No. 529-1472
2. Accompanied by: James Schwarzenberge EXAM. DATE: 6-6-91
Address: Same Phone No. 529-1459
Relationship to Permit Holder: Employee
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 01-00312 (Idaho Irrigation District) ☐ 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" = _____

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.)

100 Hp well into 8" line to open discharge to pond, 2 100 Hp pumps draw from pond and pressure 115 psi to irrigation lines.

☐ 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
Deep well	Holloshaft	100	1262762	Wintroath	8" discharge
Variable (lead)	G.E.	100	ELJ528189	National	10" discharge
Constant (Secondary)	US Electric	100	M-057684020	National	8" discharge

34
27½

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			SE	SE	4	1N	38E	Bonneville	USGS Map; Aerial Photo; on site insp

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE¼				NW¼				SW¼				SE¼				Totals
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
1N	38E	4	33		20	38									40	40	30	37	238
		9		5															5
																			243

Do not use this space

MICROFILMED
MAY 16 1983

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter Station	Petot	Deiterich	1517-316-SS	091409	7.981	
Flow Indicator	Monometer	IDWR			60"	

2. Measurements:

See attached annubar Measurement Sheet

$$Q = 3.14 \text{ cfs}$$

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

$$243 \text{ acres} \cdot \frac{.02 \text{ cfs}}{\text{acre}} = 4.86 \text{ cfs} \quad \text{Annubar} = 3.14 \text{ cfs}$$

$$\text{permit} = 2.23 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave 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:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (243)(4.0) = 972 \text{ Afa}$$

$$V_{D.R.} = [\text{Diversions Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (2.23)(1.9835)(243) = 1083.6 \text{ Afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 972 \text{ Afa}$$

2. Volume Calculations for Other Uses:

RECEIVED

MAY 16 1995

H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* <u>Irrigation</u>	<u>Mar 1</u>	<u>Oct 31</u>	<u>2.23 cfs</u>	<u>~~972~~ 946.6</u>
Totals:			<u>2.23 cfs</u>	<u>~~972~~ 946.6</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 KEITH C. WILSON
Signature Keith C. Wilson
Certification Date _____

Field Report Preparation Date 10 February 1995 DENNIS M. LUNDW CONSULTANT SEAL

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

* See attached adjustment explanation memo. BC

MICROFILMED
MAY 16 1995

MEMORANDUM

TO: File 25-07299 / City of Idaho Falls
FROM: Brenda Chapman
DATE: March 21, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for the above referenced water right are based on the information below:

G. VOLUME CALCULATIONS

Rather than limit the volume according to the rate of flow recommended, it will be addressed in remarks based on current supplemental groundwater processing procedures. (the entire amount allowable for the number of acres will be listed)

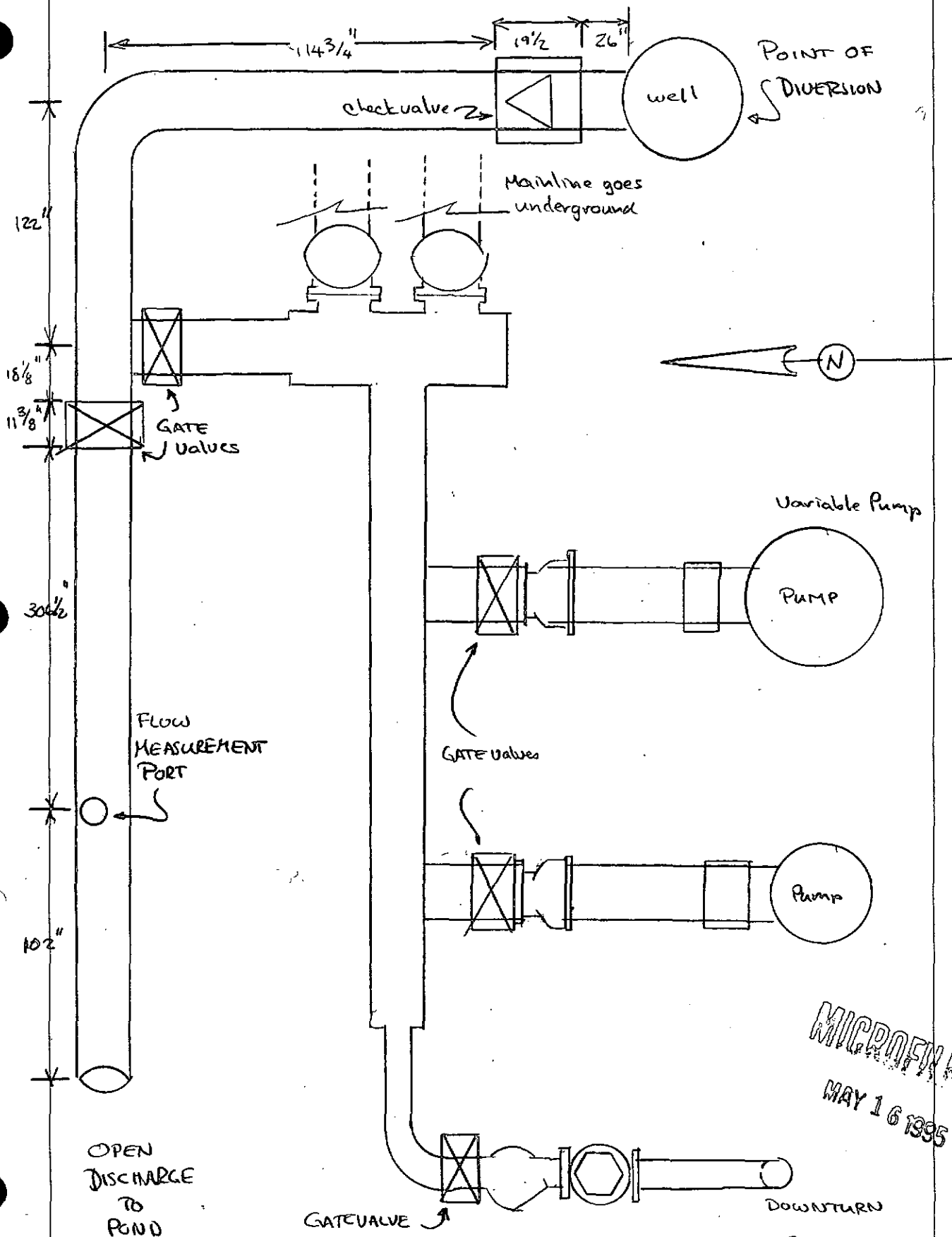
I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	4-01 to 10-31	2.23	Not listed

See item G.

MICROFILMED
MAY 16 1995



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MAY 16 1995

25-7299

State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR ANNUBAR MEASUREMENT

Measured by: Harry B... Date 6-6-91
Owner: Idaho Falls, City of Permit No. 25-7299

Description of well &/or measuring site

- Include any clarifications of the sketch
- Include legal description if more than one p.d. is described in the Field Report

MEASURED INSIDE PIPE DIAMETER IN INCHES (ID)

CIR = Pipe Circumference in Inches = 25.25
T = Pipe Thickness in Inches = .105
ID = 2 [(0.1592 X CIR) - T] = ... 7.8296

ANNUBAR DESCRIPTION & CONSTANT (C)

Size Used in Test 7.781
State ID No. 091409
Select C based on size from Table below.

Nominal Pipe Size	C
4"	4.23
6"	3.75
8"	3.87
10"	3.94
12"	3.99
14"- 16"	4.01
18"- 24"	4.02
30" or larger	4.03

C selected 3.87

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O (H)

High Reading = 39.9
Low Reading = 4.7
High - Low = H = ... 35.2

39.9 39.7
4.7 4.5

CALCULATION OF DISCHARGE IN CFS (Q)

$$Q = \frac{(ID)^2 \cdot (\sqrt{H}) \cdot (C)}{448.8}$$

$$Q = \frac{(7.83)^2 \cdot (\sqrt{35.2}) \cdot (3.87)}{448.8} = 3.14 \text{ CFS } 1409.7 \text{ GPM}$$

SKETCH (If not shown on Field Report)

$$\frac{(61.31)(5.93)(3.87)}{448.8}$$

RECORDED
MAY 16 1995

33

34

27'30"

Borrow Pit

4705

4700

T 2 N

TOWN

Place of Use
25-7299

ROAD

T 1 N

4703

4811

R38E

T
1
N

P.
D.

Out

T 1 N

POINT OF DIVERSION

Hackman

PACIFIC

3570 1 NE
(IDAHO FALLS SOUTH)

Sandy Downs
Rodeo Grounds

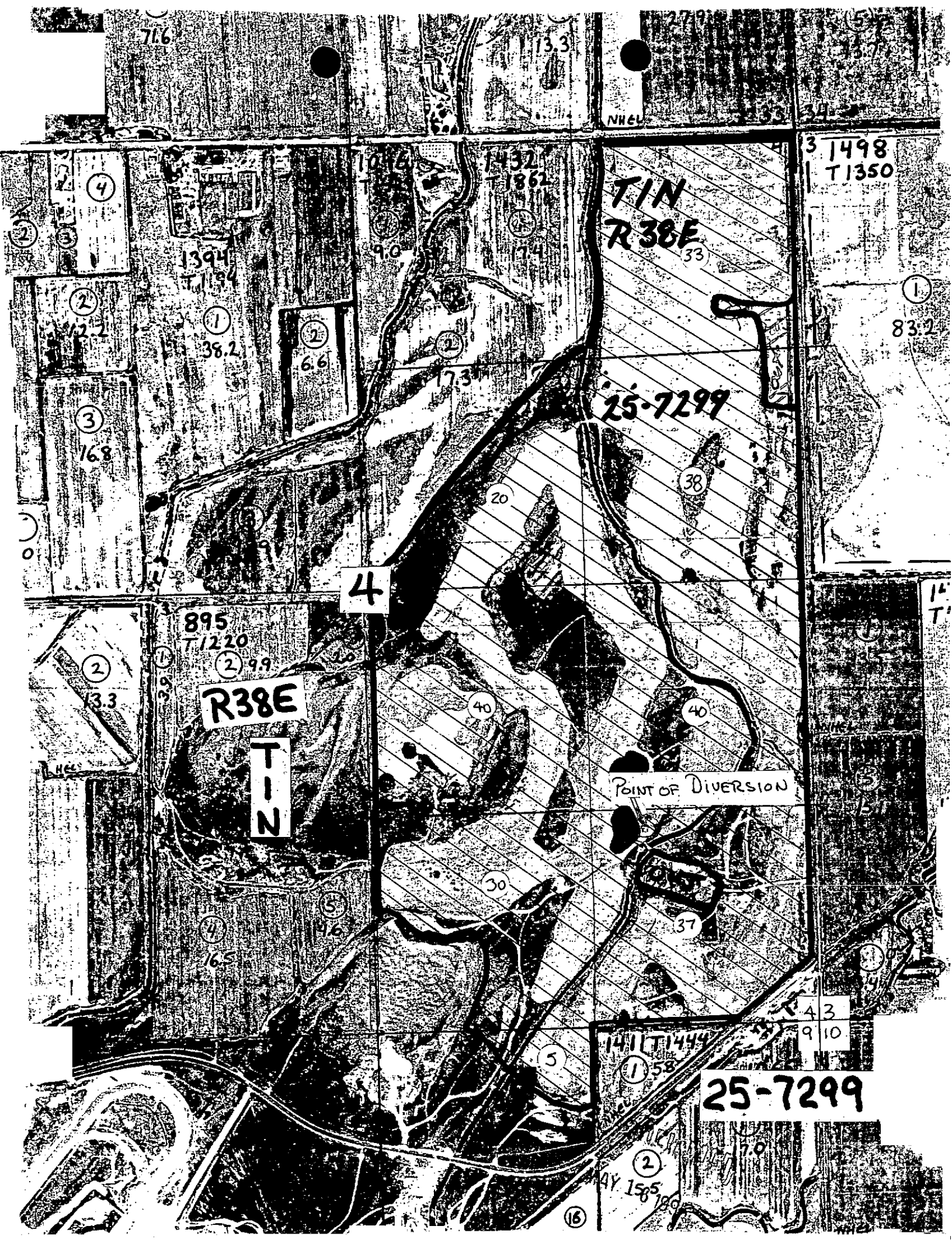
Borrow Pit

SANDY
UNION

9 10

MAY 16 1995

25-7299



71.6

13.3

NH64

3 1498
T1350

TIN
R38E
33

83.2

25-7299

4

895
T1220

R38E

TIN

POINT OF DIVERSION

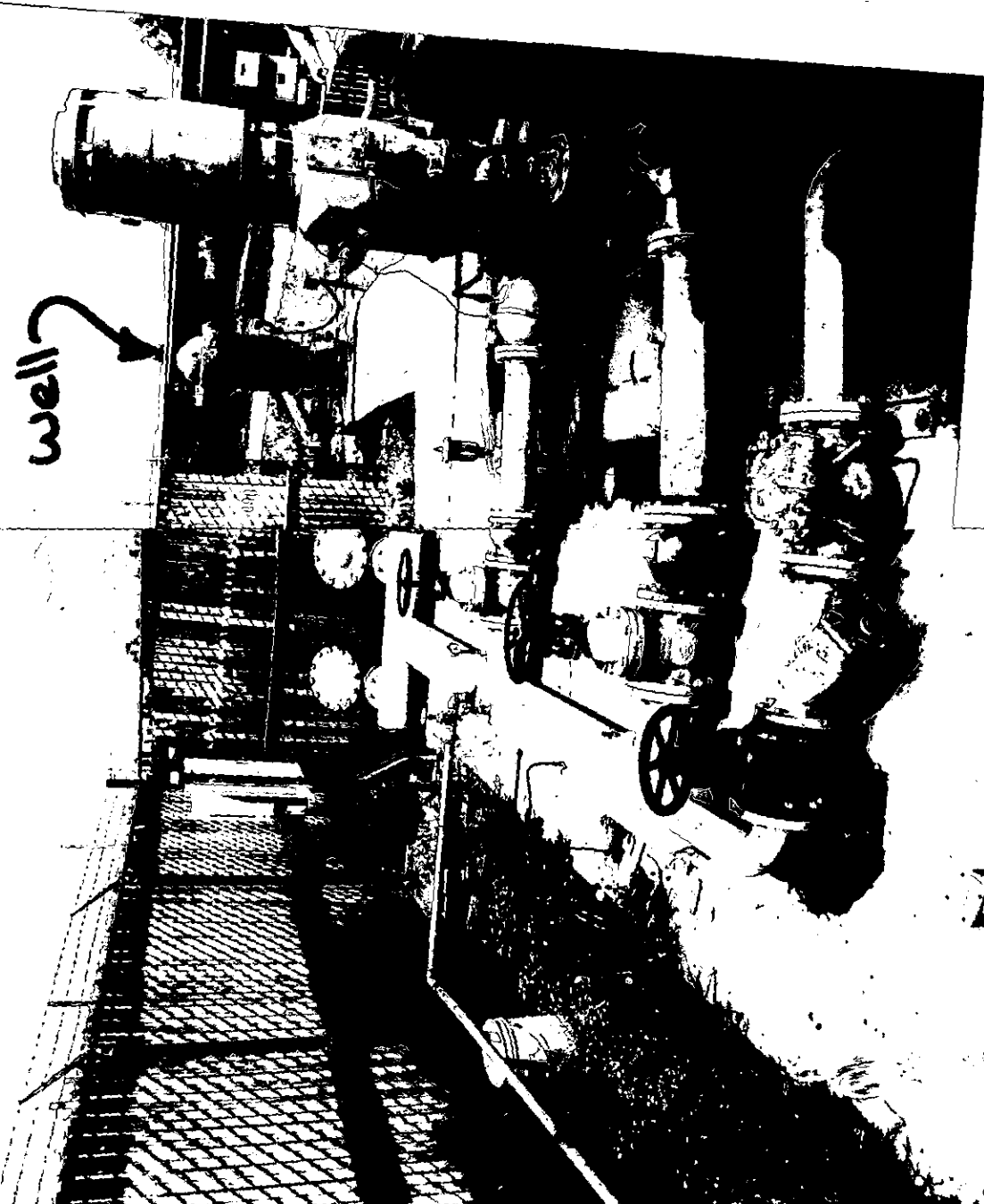
25-7299

1411 T1444
158

43
910

15.5
186

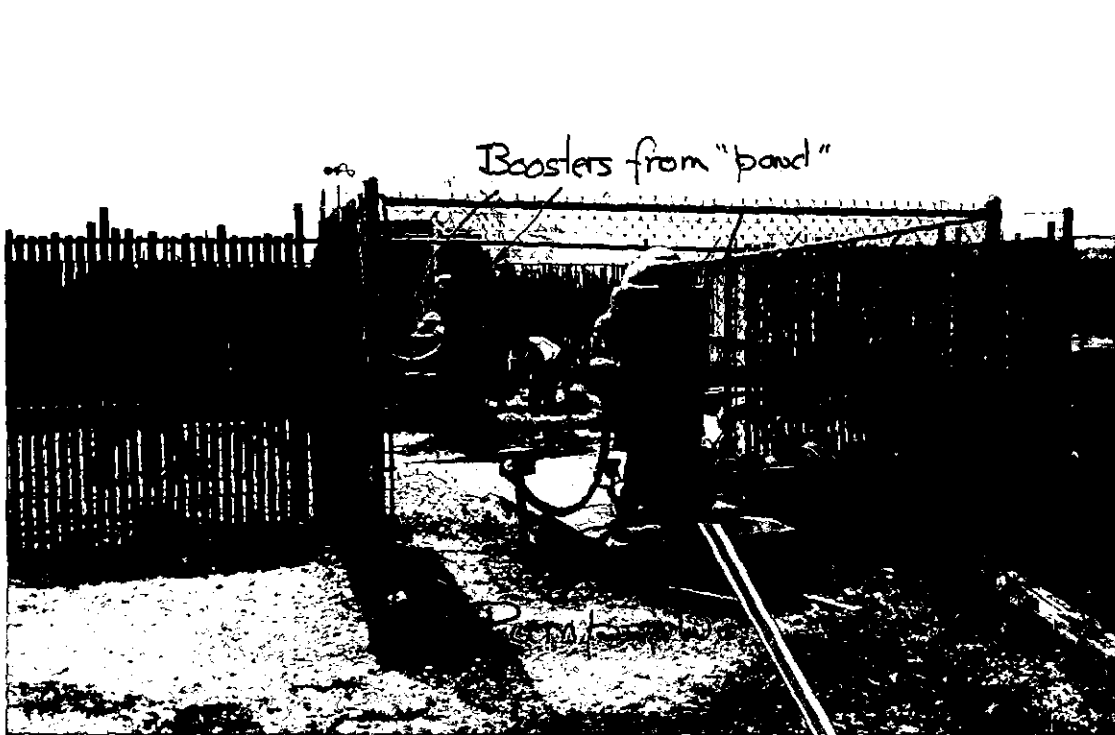
25-07299



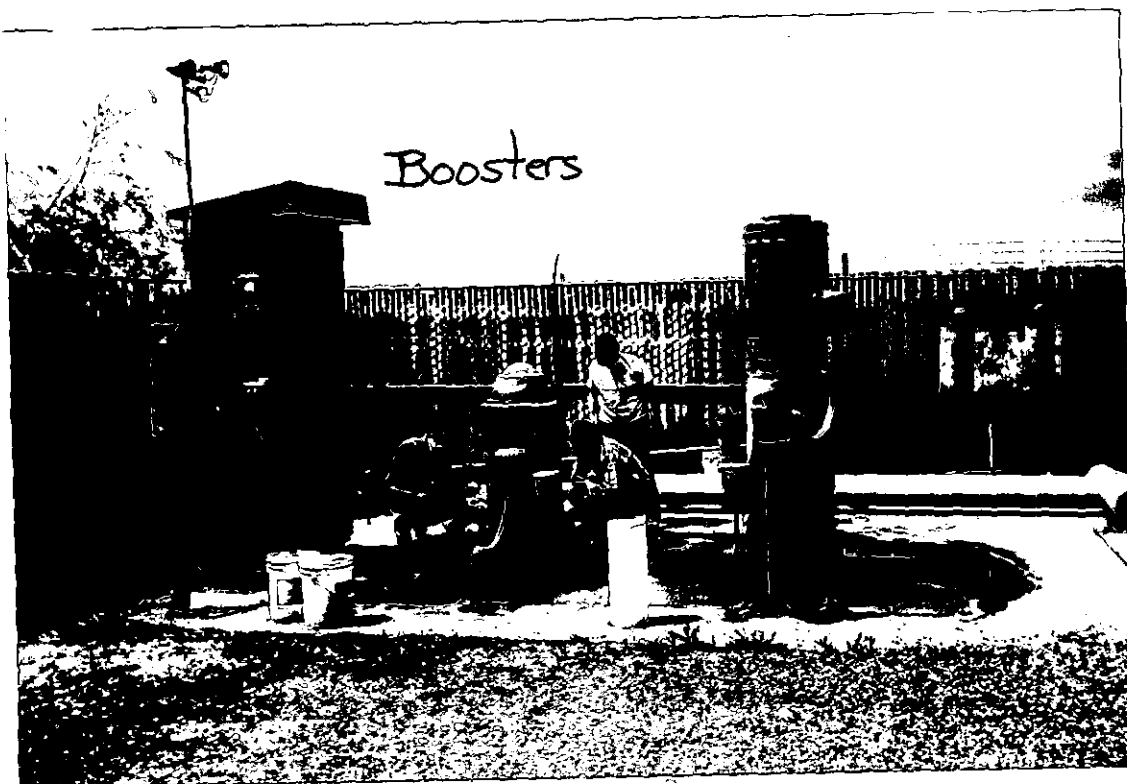
25-7299

RECEIVED
MAY 16 1935

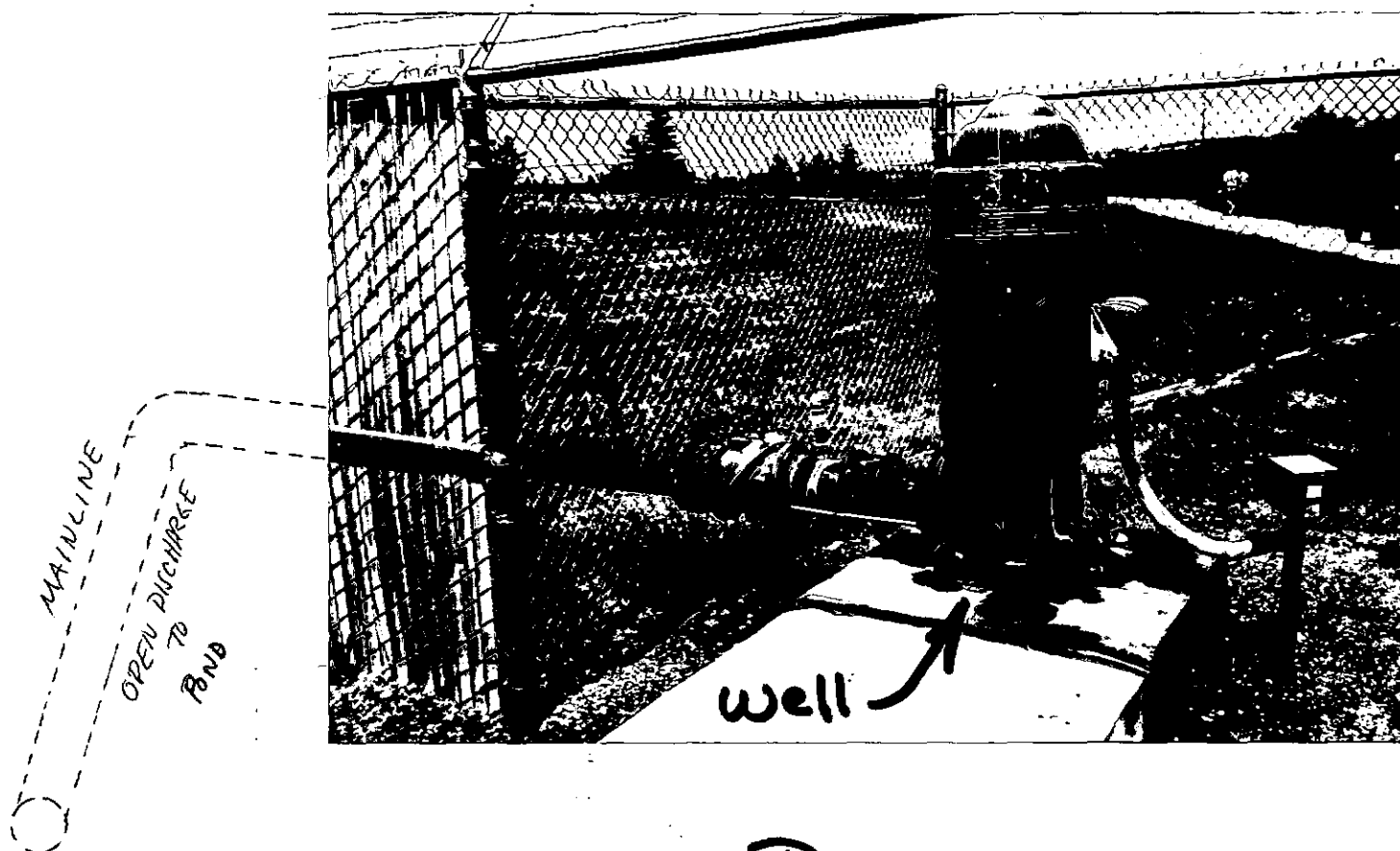
● 25-07299 ●



well



25-7299
MAY 16 1995



DIVERSION PUMP AND WELL

25-7299

WILCOX

MAY 16 1995

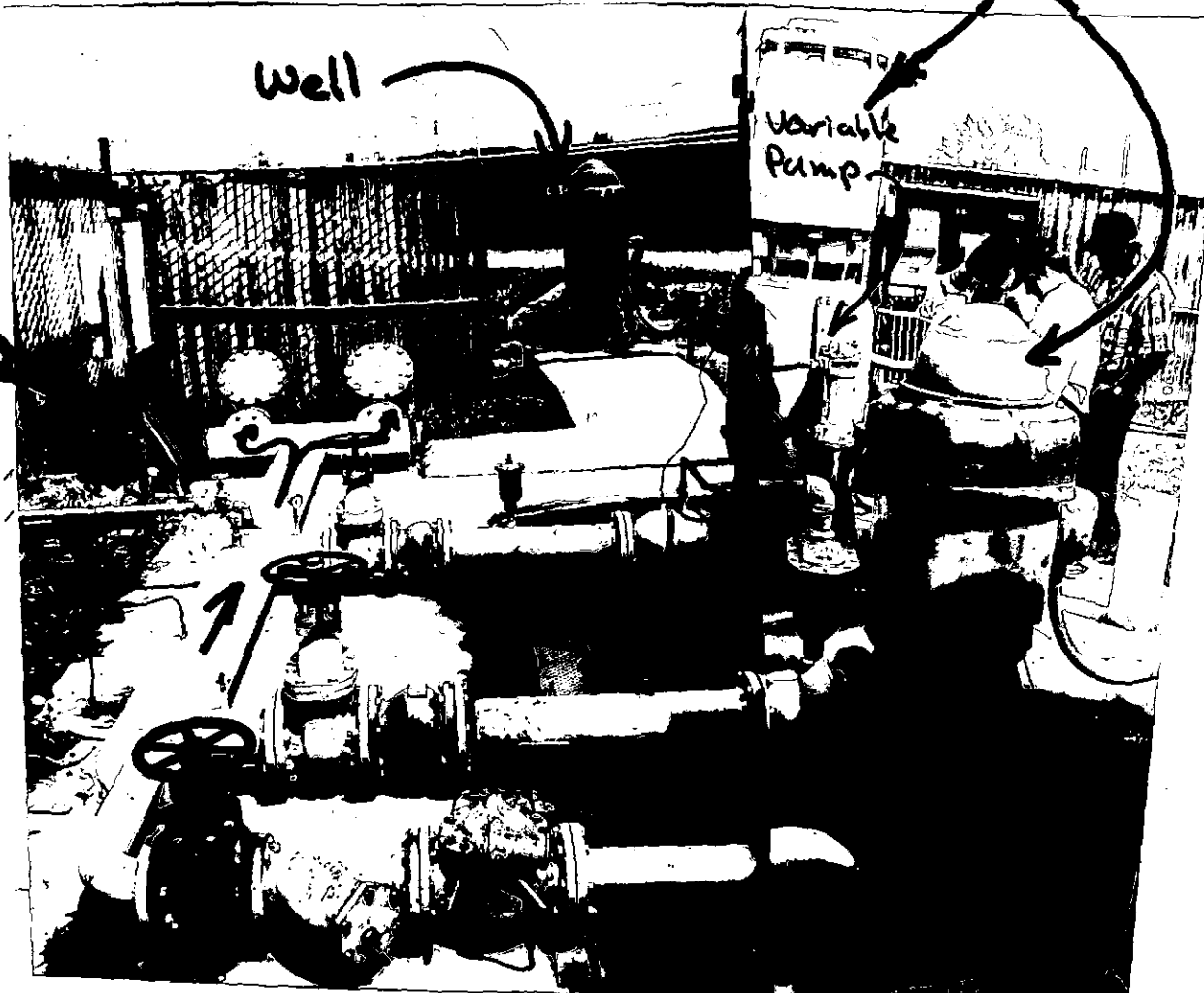
Valve used to connect
well directly into
pressurized system

System charging
Pumps

Well

Variable
Pump

Mainline open
Discharge to
pond



Charging System

INTAKE FROM
POND

25-7299

MAY 16 1995

25-7299

DIVERSION

well, pump,
mainline with open
discharge to pond



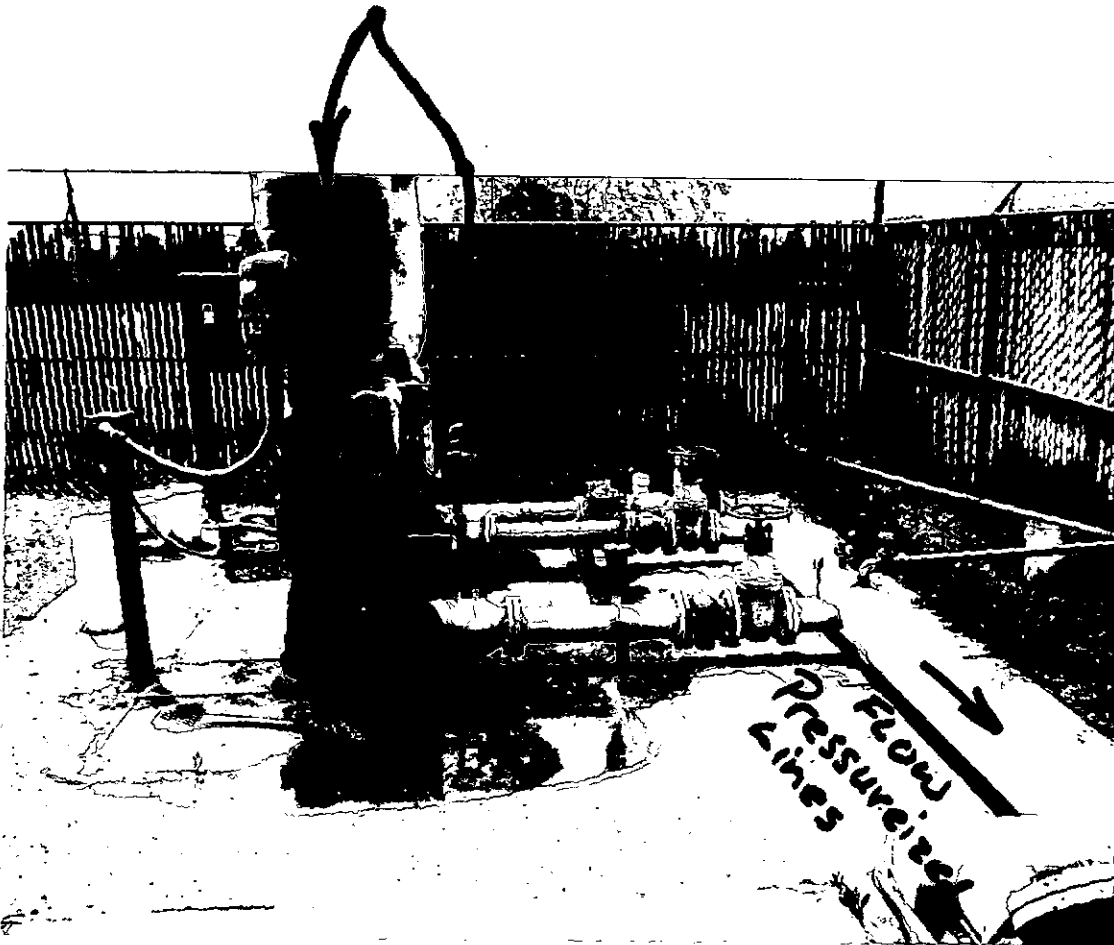
well



Valve used to connect
well directly to
pressurized system

25-7299
MAY 16 1995

Charging System pumps



Charging System Pumps - used to pressureize the sprinkler irrigation system by taking water from pond into the system mainline.

WINDY HILL

MAY 16 1995

25-7299

October 16, 1989

CITY OF IDAHO FALLS
P.O. BOX 220
IDAHO FALLS, ID 83402

RE: PERMIT NO. 25-07299

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 EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

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OCT 18 1989

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 334-7900
June 7, 1989

CITY OF IDAHO FALLS
P.O. BOX 220
IDAHO FALLS, ID 83402

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. 25-07299

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.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

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.

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the flow measurement port.

MICROFILMED

JUN 12 1989

We have enclosed 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 for your convenience is a form entitled "Proof of Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

MICROFILMED

JUN 12 1989

April 12, 1989

City of Idaho Falls
P.O. Box 220
Idaho Falls, ID 83402

RE: Applications for Permit No. 25-7299

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right permit. The application has been assigned the above identification No. Please refer to this number in all further correspondence.

This office is currently in the process of advertising the application in the Post-Register. The advertisement will be published for two consecutive weeks, and a period of ten days following the second 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.

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb

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JUN 12 1989

Proof of Publication
The Post-Register

RECEIVED

MAY 12 1989

Department of Water Resources
Eastern District Office

State of Idaho, }
County of Bonneville } ss

I, ... Ted Delezene ..., first being duly sworn, depose and say: That I am the
... Foreman ... of The Post Company, a corporation of Idaho Falls, Bonneville
County, Idaho, publishers of The Post-Register, a newspaper of general circulation, published daily, except
Saturday, at Idaho Falls, Idaho; said Post-Register being a consolidation of the Idaho Falls Times, established in
the year 1890, The Idaho Register, established in the year 1880 and the Idaho Falls Post, established in 1903,
such consolidation being made on the 1st day of November, 1931, and each of said newspapers have been
published continuously and uninterruptedly, prior to consolidation, for more than seventy-eight (78) weeks and
said Post-Register having been published continuously and uninterruptedly from the date of such consolidation,
up to and including the last publication of notice hereinafter referred to.

That the notice, of which a copy is hereto attached and made a part of this affidavit, was published in
said Post-Register for ... two ... consecutive weeks, first publication having been made
on the ... 20th ... day of ... April ..., 19.89., last publication
having been made on the ... 27th ... day of ... April ..., 1989., and that the
said notice was published in the regular and entire issue of said paper on the respective dates of publication, and
that such notice was published in the newspaper and not in a supplement.

Subscribed and sworn to before me, this .. 4th .. day of ... May ..., 19. 89.

Ted Delezene
Donald C. Napier
Notary Public

My commission expires .. September 30, ..., 19. 94.

B10

MICROFILMED

JUN 12 1989

over for
Advertisement

**NOTICE OF APPLICATION
FOR WATER RIGHT**

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

23-07096

WAYNE H. SERMON TRUST
RT.1, BOX 457
IDAHO FALLS, ID 83401
Source: DRAIN; Tributary: SINKS
Diversion Pt: SWNE Sec 7 T 01N R 44E
Use: IRRIGATION (.380 CFS)
Date Filed: 5/26/1983
In: T01N R44E S07 SWNE
19.0 ACRES TOTAL

23-07097

WAYNE H. SERMON TRUST
RT.1 BOX 457
IDAHO FALLS, ID 83401
Source: DRAIN; Tributary: SINKS
Diversion Pt: NWSW Sec 7 T 01N R 44E
Use: IRRIGATION (1.300 CFS)
Date Filed: 5/26/1983
In: T01N R44E S07 NWSW SWSW
65.0 ACRES TOTAL

25-07299

CITY OF IDAHO FALLS
P.O. BOX 220
IDAHO FALLS, ID 83402
Source: GROUNDWATER
Diversion Pt: SESE Sec 4 T 01N R 38E
Use: IRRIGATION (2.230 CFS)
Date Filed: 12/23/1982
In: T01N R38E S04 NENE SWNE SENE
NESE NWSE SWSE SESE
253.0 ACRES TOTAL

25-07493

JOHNSON, DON A.
JOHNSON, LAURIE
5907 N. S. E.
IDAHO FALLS, ID 83401
Source: GROUNDWATER
Diversion Pt: SESENE Sec 31 T 03N R 38E
Use: DOMESTIC (.060 CFS)
Date Filed: 3/08/1989
In: T03N R38E S31 SENE

The permit(s) will be subject to all prior
water rights. Protests may be submitted
based on the criteria of Sec. 42-203A, Idaho
Code and/or the new public interest criteria
of Sec. 42-203C, Idaho Code. Protests must
be filed with the Director, Dept. of Water
Resources, 150 Shoup Ave., Suite 15, Idaho
Falls, Idaho 83402 on or before MAY 8,
1989.

R. Keith Higginson, Director

Published: April 20, 27, 1989

RECORDED

JUN 12 1989

April 11, 1989

THE POST-REGISTER
P.O. BOX 1800
IDAHO FALLS, ID 83403

Gentlemen:

Enclosed you will find legal notices 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 notices 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 8, 1989.

Respectfully submitted,

Rita Bodell
Office Secretary

Enclosure

MICROFILMED

JUN 12 1989

NOTICE OF APPLICATION FOR WATER RIGHT

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

MICROFILMED
JUN 12 1989

25-07299

CITY OF IDAHO FALLS
P.O. BOX 220
IDAHO FALLS, ID 83402

Source: GROUNDWATER

Diversion Pt: SESE Sec 4 T 01N R 38E

Use: IRRIGATION (2.230 CFS)

Date Filed: 12/23/1982

In: T01N R38E S04	NENE	SWNE	SENE	NESE
	NWSE	SWSE	SESE	

253.0 ACRES TOTAL

MICROFILMED
JUN 12 1989

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before MAY 8, 1989.

R. Keith Higginson, Director

Published 4/20/1989 & 4/27/1989

MICROFILMED

JUN 12 1989



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

August 14, 1985

RE: Application for Permit No. 25-7299

City of Idaho Falls
P.O. Box 220
Idaho Falls, ID 83402

Gentlemen:

In October of 1984, Idaho Power Company and the State of Idaho signed an agreement stating the Company's water rights would be subordinated to those persons who beneficially used water prior to October 1, 1984, and who filed an application or claim for said use by June 30, 1985.

To insure proper consideration of your application pursuant to the above agreement, follow the directions on the enclosed form and return it to this office when completed. For your benefit in identifying the point of diversion and place of use, included on the form is a description of the major items contained on the application.

Your cooperation in returning the completed form and supplemental documentation will expedite future administrative action on your application when processing of applications above Swan Falls resumes.

Respectfully submitted,

ERNEST CARLSEN
Assistant Regional Supervisor

EC:cw

Enclosure

RECORDED

JUN 12 1989

25-2299

CITY OF IDAHO FALLS

P.O. BOX 220, IDAHO FALLS, ID 83402

Source: GROUNDWATER

Date Filed: 12/23/1982

Diversion Pt: SESE Sec 04 T 01N R 38E

Use: IRRIGATION (2.23 CFS)

In: NENE SWNE SENE NENE NWNE SWNE SENE Sec 04 T. 01N R. 38E FOR 253 ACRES

Changed on computer
PW

DECLASSIFIED

JUN 12 1989