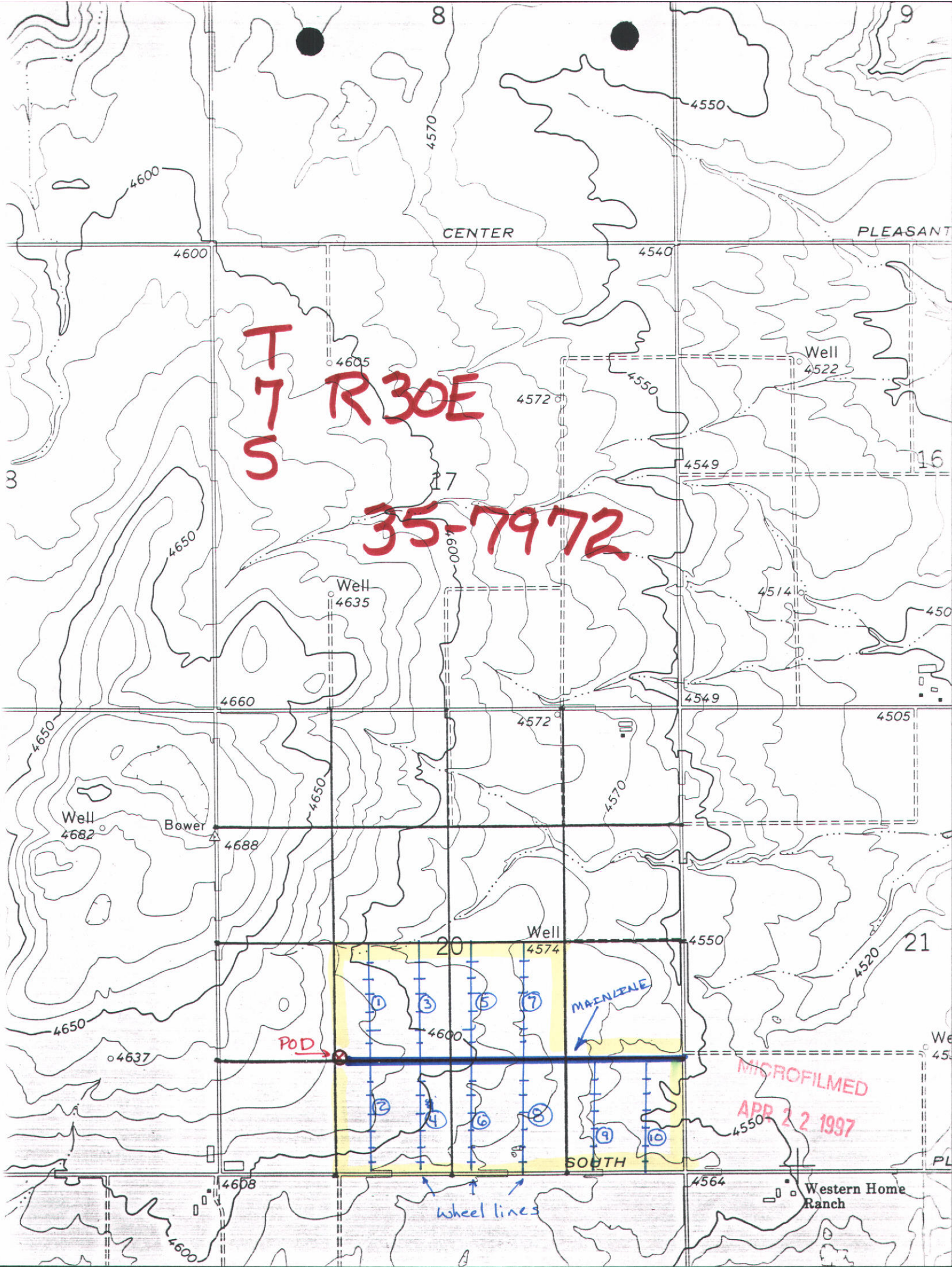


T
7
S R 30E

35-7972



35-7972





35-7972
RAST



↑
SANDTRAPS

MICROFILMED
APR 22 1997

35-7972
RAST



APR 22 1967

MICROFILMED

STATE OF IDAHO
Office of State Auditor

AUDITOR USE

Document No.

2091212

Pre—Audit

Date

FEB 6 1987

Warrant No.

	8059
Date	02/05/87
Code	193002

AGENCY
NAME:

CHECK ONE:

() MISCELLANEOUS EXPENDITURE

() STATE CONTRACT

() PURCHASE ORDER

() MISCELLANEOUS
ENCUMBRANCE REQUISITION

PAYMENT: () PARTIAL () FINAL

Encumbrance Reference No.

[illegible]

NOTE: Final payment must be accompanied by a receiving copy

TOTAL	100% =
-------	--------

TO STATE AUDITOR

AUDITOR'S CERTIFICATE

Request is hereby made that a warrant be authorized and drawn in payment of the item or items described above. I hereby certify that the items described were ordered by proper authority; that they are necessary in the public service, that the items have been received and accounted for, and that the account as stated is correct and just.

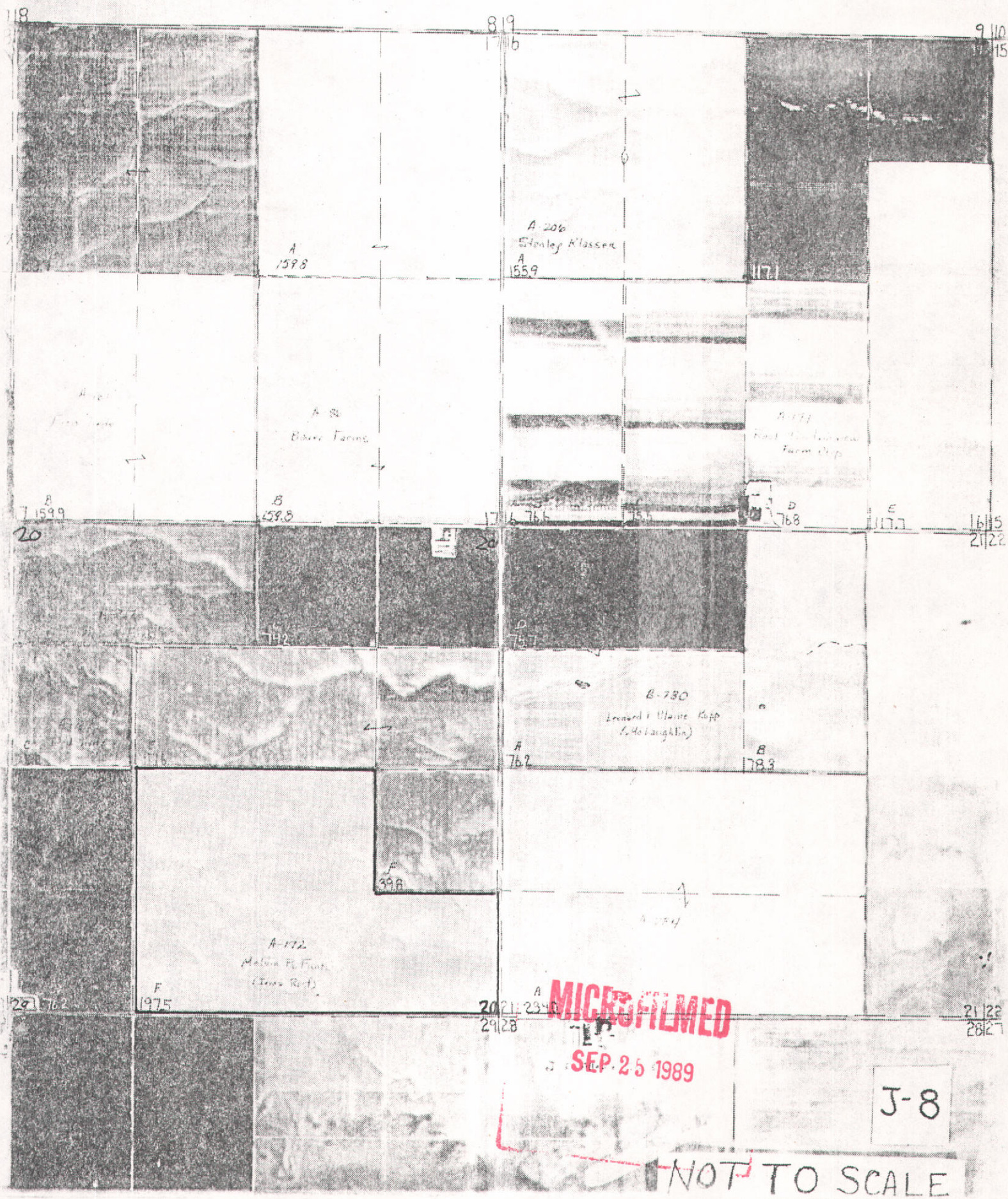
I hereby certify that the above account is in proper form; that totals carried herein are correct; that receipts when required by law or regulation of the State Board of Examiners covering items for which reimbursement is asked are submitted herewith; and that there are funds in the state treasury and balances in appropriation accounts out of which the same may be lawfully paid.

FEB 6 1987

Date _____

Head of Agency or Institution

State Auditor



A
1598

A-206
Stanley Klassen
A
1559

1171

A-S
Blaine Farm

A-171
East of Lawrence
Farm Dp

A
1599

B
1598

17

1765

D
1768

E
1177

1615
2122

20

20

1142

D
1761

B-730
Leonard & Elaine Kopp
(40 Laughlin)

A
1762

B
1783

F
1398

A-172
Malvin P. Funt
(Tons Reef)

F
1975

22
1762

2021
2928

MICROFILMED

SEP 25 1989

J-8

NOT TO SCALE

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 35-07972

Priority: April 10, 1981

Maximum Diversion Rate:

3.84 CFS

Maximum Diversion Volume:

784.0 AF

This is to certify, that IRMA RAST

C/O MELVIN R FUNK

PO BOX 360

AMERICAN FALLS ID 83211

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 10, 1981; and has submitted Proof of Beneficial Use on October 30, 1989. An examination indicates that the works have a diversion capacity of 3.840 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	3.84 CFS	784.0 AF

LOCATION OF POINT(S) OF DIVERSION:

NESW , Sec. 20, Township 07S, 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>
07S	30E	20	NESW 40	SESW 39	NWSE 40	
			SWSE 39	SESE 38		196

Total number of acres irrigated: 196

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. 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.

APR 22 1987

State of Idaho
Department of Water Resources

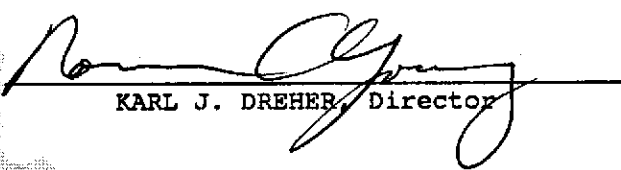
WATER RIGHT LICENSE

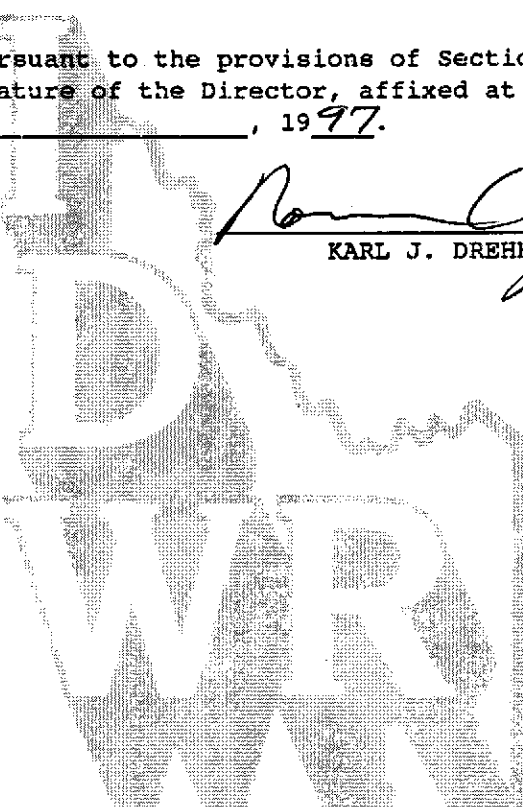
WATER RIGHT NO. 35-07972

CONDITIONS OF APPROVAL AND 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.

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 14TH day of APRIL, 1997.


KARL J. DREHER, Director



MICROFILMED

APR 22 1997

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NOV 02 1989

OCT 5 1989

Department of Water Resources
Eastern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received 176.25

Date 10-30-89

Receipt # 1204076

Receipt by HCS

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. 35-7972

Name(s) of Permit Holder: IRMA RAST C/O MELVIN R. FUNK

Post Office Address: P. O. BOX 360, AMERICAN FALLS, IDAHO 83211

Telephone No. (208) 226-5207

Source of Water: GROUNDWATER

Extent of Use:

Domestic _____ (number of households) Stockwater _____ (number and type of stock)

Irrigation 200 (acres) Other/Remark _____

Total rate and/or volume for which proof is submitted 4.00 4.46 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: 4/13/81

Measuring Device: Required? ☒ Yes ☐ No
Installed? ☒ Yes ☐ No Fee enclosed \$ _____
(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:

MELVIN R. FUNK (208) 226-5207
(Name) (Telephone Number)

2248 COUNTY LINE ROAD, AMERICAN FALLS, IDAHO 83211
(Address)

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.

MICROFILMED

FEB 14 1990

Sept 29, 1989
Date

Irma L. Rast
Signature of Permit Holder (and title, if appropriate)

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 35-07972

Proposed Priority: April 10, 1981

Maximum Diversion Rate:

4.00 CFS

This is to certify, that **IRMA RAST**
C/O MELVIN R. FUNK
RT. 1 BOX 142
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:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

IRRIGATION

04/01 to 11/01

4.00 CFS

LOCATION OF POINT(S) OF DIVERSION:

NESW Sec. 20, Township 07S, 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>
07S	30E	20	NESW 40	SESW 40	NWSE 40	200
			SWSE 40	SESE 40		
Total number of acres irrigated:						200

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before October 1, 1990.
2. Subject to all prior water rights.
3. 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.
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. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
7. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 4.00 cubic feet per second for each acre of land.

NOT FILMED

SEP 25 1989

Permit To Appropriate Water

NO. 35-07972

CONDITIONS/REMARKS:

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

20th day of September, 1989.

for J. Glen Saxton
R. Keith Higginson, Director

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SEP 25 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant Erma Rast c/o Melvin R. Funk Phone 226-5207
Post-office address Rt. #1, Box 142 American Falls, Idaho 83211
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is NE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 20 Township 7S
Range 30E B.M. Power County, additional points of diversion if any: _____
Pump # 9
4. Water will be used for the following purposes:
Allow 4.00 cfs*
Amount 4.46 cfs for Irrigation purposes from 4/1 to 11/1 (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) *kw 8/19/1986
5. Total quantity to be appropriated:
Allow 4.00 cfs*
a. 4.46 cfs* cubic feet per second and/or b. _____ acre-feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Well, pump & sprinkler system

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____
Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)
c. Proposed well diameter is 18 inches; proposed depth of well is 350 feet.
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year — maximum 5 years).
8. Description of proposed uses:
a. If water is not for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M.
(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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SEP 25 1989

10

10. Remarks	To cultivate potatoes with optimum yield requires diversion
-------------	---

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

Applicant James A. Hunt

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

Applicant *Jenna A. Hunt*

c. Describe any other water rights used for the same purposes as described above. None

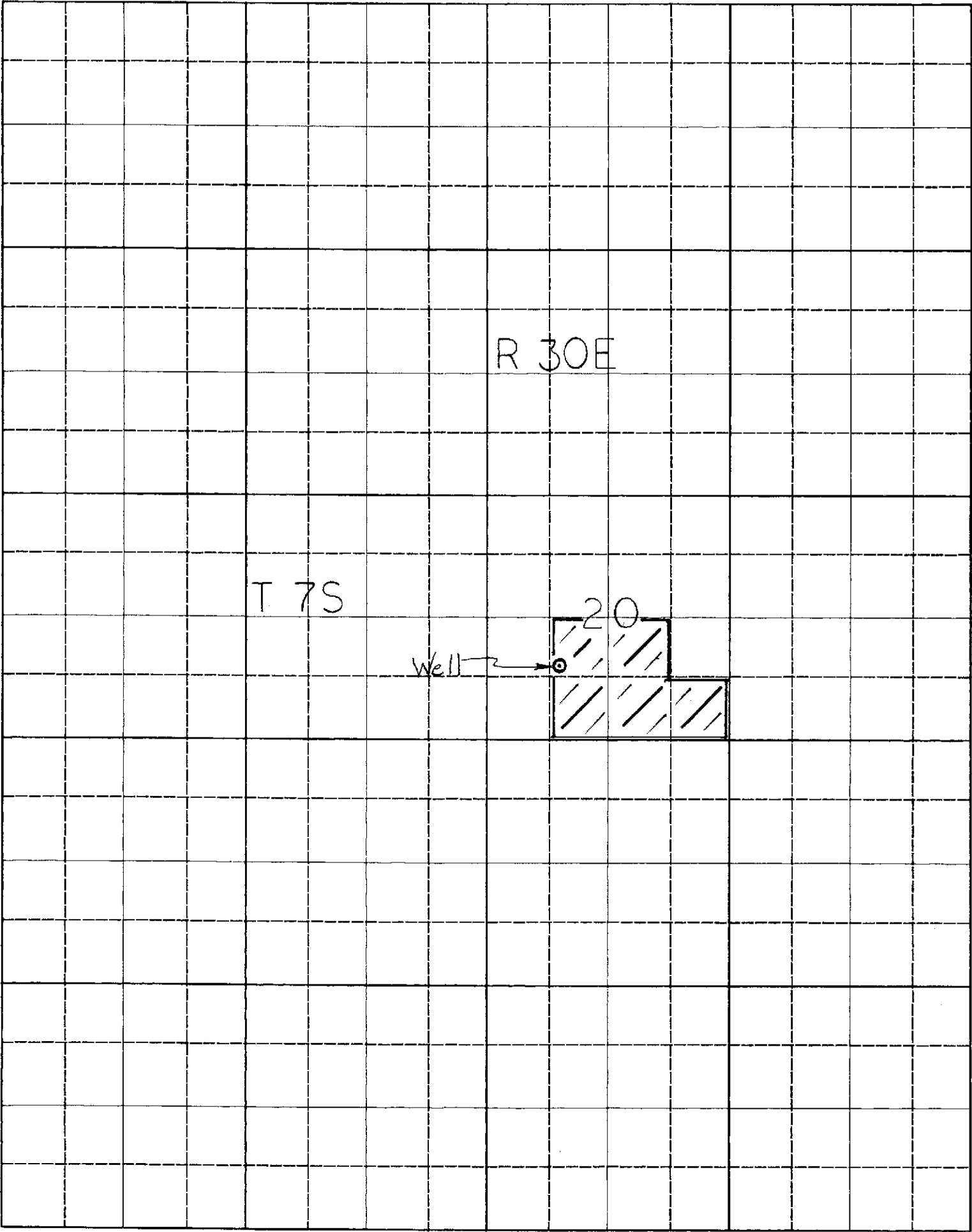
Total number of acres to be irrigated

002

TWP	RANGE	SEC.	NE¼				NW¼				SE¼				SW¼				TOTALS														
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼															
7S	30E	20									40				40				40					40									200

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.



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
SEP 25 1989

Irma L. Rast
(Applicant)

Proposed Priority 4/10/81 *EMC*

Received by *kw* Date *4/10/81* Time *11:07*
Preliminary check by *BMC* Fee \$ *125.00*
Received by *kw* Date *4/15/81* # *17174*
Publication prepared by *kw* Date *4/15/81*
Published in *Power County Press*
Publication dates *4/23 & 4/30/81*
Publication approved *kw* Date *4/29*
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. 35-7972, 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 August 1, 19 91.
- 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: 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 _____ day of August, 1986.

Chief, Operations Bureau

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SEP 26 1989

Affidavit of Publication

STATE OF IDAHO

COUNTY OF POWER

} s.s.

..... Brett Crompton being first duly sworn

on oath, states:

That he is the Editor Manager 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 or 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 22 day of April 19..... 81

the date of last publication being the

..... 29 day of April 19..... 81

(Signed)

Brett Crompton

Subscribed and sworn to before me this

..... 22 day of April 19..... 81

Lois Foster
Notary Public, residing at American Falls, Idaho.

My Commission expires the

(SEAL)

Life day of 19.....

Legal Notice

Published in the Power County Press April 22, 1981 and April 29, 1981

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho.

35-7972

RAST, IRMA
C/O MELVIN R. FUNK, RT. 1
BOX 142, AMERICAN FALLS, ID
83211

Source: GROUNDWATER

Date Filed: 04/10/1981

Amount: 4.46 CFS

Diversion Point: NESW Sec 20 T
07S R 30E, Power Co.

Use: IRRIGATION (4.46 CFS)
from 04/01 to 11/01

Place of Use: NESW SESW NWSE
SWSE SESE Sec 20 T 07S R 30E
FOR 200 ACRES

Diversion Means: WELL, PUMP &
SPRINKLERS.

35-7973

PHILLIPS, VERNON C. &/or
MARILYN L.

RT. 2 BOX 191 A, PAUL, ID 83347

Source: GROUNDWATER

Date Filed: 04/14/1981

Amount: 6.00 CFS

Diversion Point: SWSE Sec 01 T 07S
R 28E, POWER Co.

Use: IRRIGATION (6.00 CFS)
from 04/01 to 11/01

Place of Use: NESW NWSW
SWSW SESW NESE NWSE SWSE
SESE Sec 01 T 07S R 28E FOR 320
ACRES

Diversion Means: WELL, PUMP &
SPRINKLERS.

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 150 Shoup Ave., Idaho Falls, Idaho 83401 on or before MAY 11, 1981.

A. KENNETH DUNN
Director

RECEIVED

MAY 4 1981

Department of Water Resources
Eastern District Office



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

April 15, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

IRMA RAST
C/O MELVIN R FUNK
PO BOX 360
AMERICAN FALLS ID 83211

RE: WATER RIGHT NO. 35-07972

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed license confirming that a water right has been established in accordance with the permit referenced above. The license is a preliminary order issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department unless a party petitions for reconsideration or files an exception and/or brief as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of this order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3), Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, this preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to this preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

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1997 4 15

ORAL ARGUMENT

If the Department grants a petition to review the preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The Department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

Sincerely,



Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

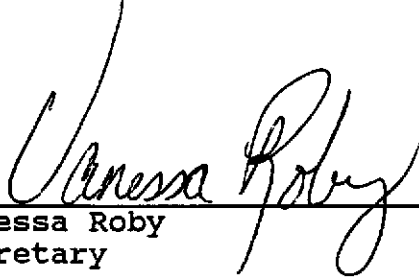
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APR 17 1987

CERTIFICATE OF MAILING

I hereby certify that on the 15th day of April, 1997, I mailed
a true and correct copy, postage prepaid, of the foregoing
PRELIMINARY ORDER (Approved License) to the person(s) listed below:

Water Right No. 35-07972

IRMA RAST
C/O MELVIN R FUNK
PO BOX 360
AMERICAN FALLS ID 83211



Vanessa Roby
Secretary

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APR 22 1997

LICENSE REVIEW CHECKLIST

PERMIT NO. 35-07972

DATE 3/28/97

REVIEWER: SHARLA

NAME	Change <u>—</u>	OK <u>✓</u>	Address Change <u>No</u>
SOURCE	<u>—</u>	<u>✓</u>	Is change clarification of originally intended source? <u>—</u>
POINT OF DIV	<u>—</u>	<u>✓</u>	If not, prepare Notice of Intent to Void <u>—</u>
PLACE OF USE	<u>—</u>	<u>✓</u>	Amendment required <u>No</u>

Does map agree with written description? — yes — no

OVERLAPS — P/D — P/U

RATE OF DIV

Permitted Rate	<u>4.0</u> cfs
Fee limit	<u>4.0</u> cfs \$175 ⁰⁰
Measured	<u>3.84</u> cfs 145 gpm/line x 10 lines = 3.23 cfs
Theoretical	<u>4.1</u> cfs

Recommended Total Div Rate 3.84 cfs

ANNUAL VOLUME/
NATURE OF USES —

Use ✓

Volume Calculation

<u>196</u>	<u>4.0</u>	=	<u>af</u>
<u>784.0</u>			<u>af</u>
			<u>af</u>
			<u>af</u>
SUBTOTAL	<u>784.0</u>		<u>af</u>

Flow rate 3.84 cfs X 214 days X 1.98 ~~af~~ = 1627.1 af

Total volume recommended — af

(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

CONDITIONS — Watermaster Control WD# —

2 GW Measurement/Measuring Device

1 Overlap

— Use-specific conditions

Advancement of Priority Date Required — yes ✓ no

SRBA Claim Filed N/A
Adjustment Memo —

1st Amend Letter N/A
2nd Amend Letter —

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORTRECEIVED
APR 1996
Department of Water Resources

A. GENERAL INFORMATION

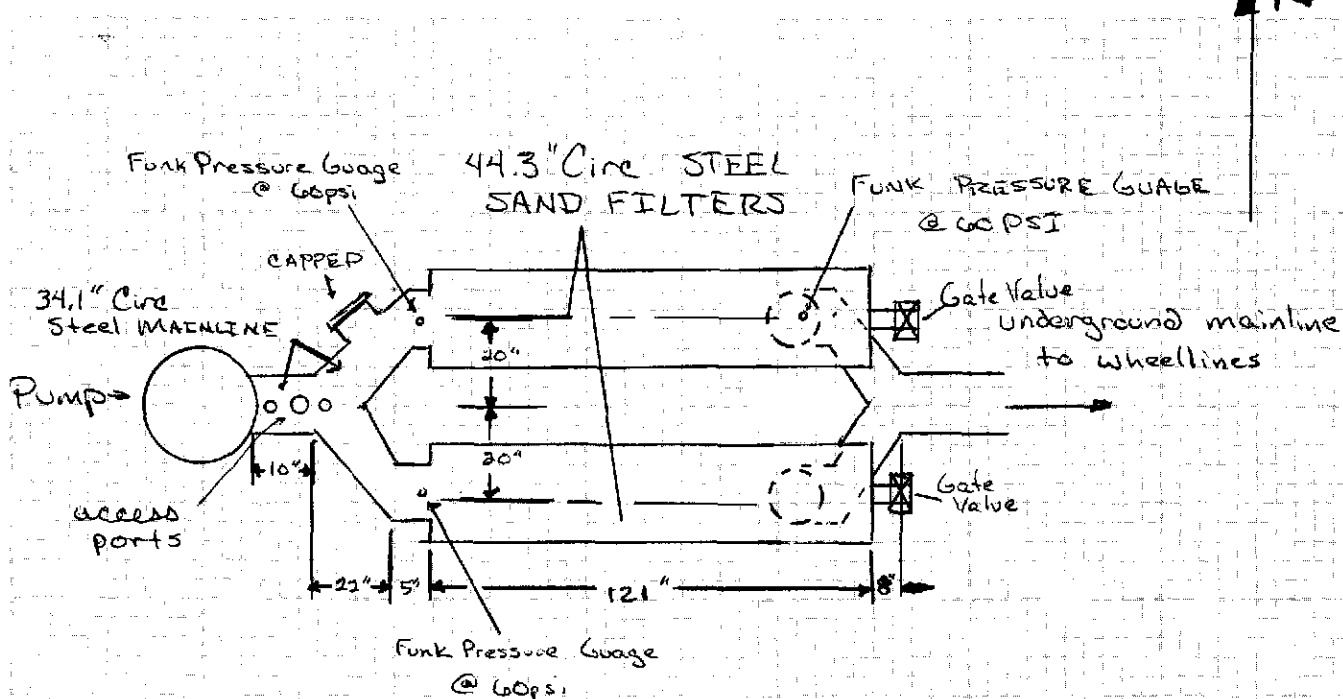
- Permit No. 35-07972
Phone No. 226-5207
1. Owner: Irma Rast c/o Melvin Funk
Current Address: Rt. 1 Box #42³⁰⁰ American Falls, ID 83211
2. Accompanied by: Derlin Reynolds EXAM. DATE: 9-14-1990
Address: 2749 Russett Rd Anfalls, ID Phone No. no phone
Relationship to Permit Holder: Laborer 83241
3. Source: 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" = _____

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).

MICROFILMED

APR 22 1997

Well or Diversion Identification No.*	# 9	US Water	300	1309461	Jackson	18"
Motor Make						
Hp						
Motor Serial No.						
Pump Make						
Pump Serial No. or Discharge Size						

[illegible]

Twp.	Rge.	Sec.	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	Totals
7S	30E	20					40				39				196

1992

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel. The amount of the released H_2O_2 was measured by the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel. The amount of the released H_2O_2 was measured by the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel.

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Water Level Indicator	Electric	M-SCOPE			500'	
Flow Meter Station	non-contact	poly-sonics	TF-P	149743	Small	
Pressure gauge-pitot tube					0-100psi	

2. Measurements:

Dynamic Pumping level : 312 ft

Sonic Meter measurement on 3 wheel lines $\Rightarrow$ Average 145 gpm/line
Pressure measured at end of each wheel line (see attachment)

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

Pitot tube/pressure gauge $\Rightarrow$ 3.84 cfs

2. Alternate Method for Checking Purposes:

Theoretical Flow $\Rightarrow$ 4.10 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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 196 \times 4.0 = 784 \text{ afa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 3.84 \times 214 \times (1.9835) = 1630 \text{ afa}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 784 \text{ afa}$

2. Volume Calculations for Other Uses:

RECORDED
APR 22 1987

Pod narrowed to ten (10) acre tract

1. Recommended Amounts

Investigation

Period of Use
From
To

18-01 7-17

Rate of Diversion
Q (cts)

3.84 cfs

Annual Volume
V (afa)

78L

~~२५० २४९~~

2. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
- ☐ Add P.U. as reflected above

☒ None

Signature

Certification Date

Field Report Preparation Date

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

CONSULTANT SEAL

Department of Water Resources

WELL INSPECTION FORM

If well is associated with water right, provide WR# 35-07972

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

1. Legal Description: TWP 7S, Rge 30E, Sec 20, NE 1/4 SW 1/4 or Lot _____.

2. Owner: IRMA RAST c/o MELVIN FUNK

Address Rt 1 Box 360, City Am. Falls, St ID

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

4. Access Port:	Yes <u>X</u> No _____	Static Water Level:	<u>312 ft</u>
Pressure Gauge:	Yes <u>X</u> No _____	Casing Diameter:	<u>20"</u>
Flowing:	Yes _____ No <u>X</u>	Temperature:	_____

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

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

Remarks: _____

MICROFILMED
APR 22 1987

35-7972

MODE SELECT
INPUT

OUTER DIAMETER
2.9917 IN

PIPE MATERIAL
? AL, DI

WALL THICKNESS
.06800 IN

INNER LINING
? NO LINING

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
1.380 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO DPR

MODE SELECT
T0 CHECK

0109.7 MMSEC
102.89 % T0

MODE SELECT
INPUT

OUTER DIAMETER
2.9917 IN

PIPE MATERIAL
? AL, DI

WALL THICKNESS
0.0681 IN

INNER LINING
? NO LINING

KIND OF FLUID
? ANOTHER

SOUND VELOCITY
1440 M/S-

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
1.302 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO DPR

MODE SELECT
T0 CHECK

0109.3 MMSEC
100.18 % T0

09-14 16:5700 *R
+003.00 % A12

DAMPING SET
10 SEC

DAMPING SET
15 SEC

09-14 16:5800 *R
+ 1.510E 26PM

MODE SELECT
T0 CHECK

0109.3 MMSEC
100.24 % T0

09-14 17:0200 *R
+003.00 % A12

09-14 17:0300 *R

35-07972
Erma Rest

6/10
Melvin
Funk

MICROFILMED
APR 22 1997

SPACING
1.302 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

MODE SELECT
T0 CHECK

0109.3 MMSEC
100.18 % T0

09-14 16:5700 *R
+003.00 % AI2

DAMPING SET
10 SEC

DAMPING SET
15 SEC

09-14 16:5800 *R
+ 1.510E 2GPM

MODE SELECT
T0 CHECK

0109.3 MMSEC
100.24 % T0

09-14 17:0200 *R
+003.00 % AI2

09-14 17:0300 *R
+ 1.439E 2GPM

09-14 17:3200 *R
+ 1.394E 2GPM

09-14 17:3200 *R
+ 1.399E 2GPM

MODE SELECT
T0 CHECK

0109.5 MMSEC
100.15 % T0

09-14 17:3200 *R
+003.00 % AI2

09-14 17:3200 *R
+ 1.399E 2GPM

MODE SELECT
T0 CHECK

0109.6 MMSEC
100.47 % T0

09-14 17:3700 *R
DAMPING SET
10 SEC

09-14 17:3700 *R
+ 1.329E 2GPM

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

MODE SELECT
T0 CHECK

0109.6 MMSEC
100.47 % T0

09-14 17:4000 *R
09-14 17:4000 *R
+ 1.397E 2GPM

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

09-14 17:4600 *R
+ 1.452E 2GPM

MODE SELECT
T0 CHECK

0109.4 MMSEC
100.33 % T0

09-14 17:4600 *R

09-14 17:4700 *R
+003.00 % AI2

09-14 17:4700 *R
+ 1.453E 2GPM

09-14 17:4700 *R
+ 1.453E 2GPM

NW
Line
①

SW
Line
②

N-Mid
Line
③

③

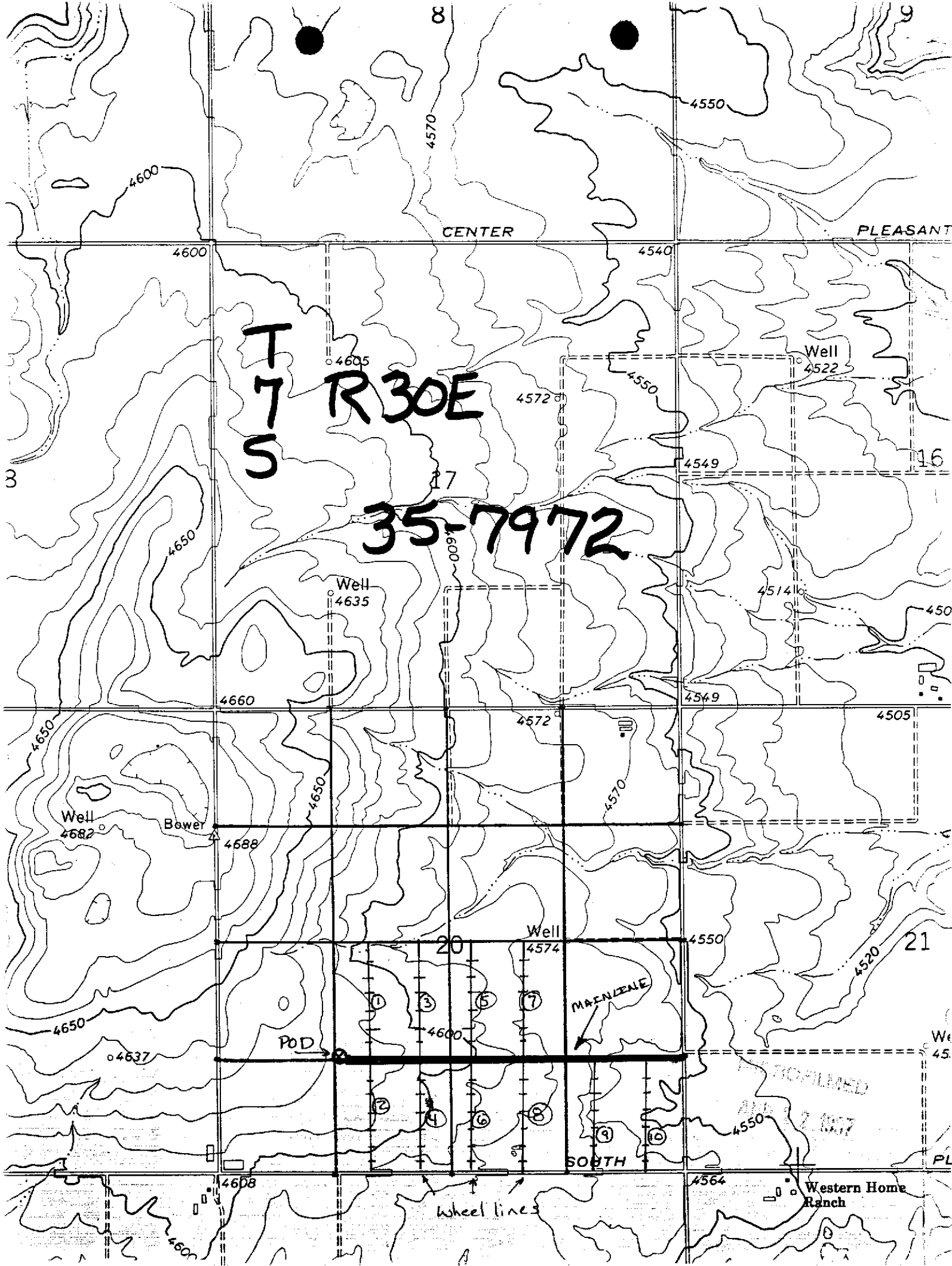
S-Mid
Line
④

N-Mid
Line
⑤

Invalid measurement, meter not "ZEROD"

T
7
S R30E

35-7972



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

35-07972
Permit No.

Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

Line	Measured Q w/ pitot tube	Sonic Meter	% Difference
①	$Q = 33(0.0665)(\frac{5}{32})^2(\sqrt{49}) = 0.3750 \text{ cfs}$	.336 cfs	10
②	$Q = 33(0.0665)(\frac{5}{32})^2(\sqrt{50.5}) = 0.3807$		
③	$Q = \text{" } (\sqrt{45}) = 0.3594$	.324 cfs	10
④	$Q = \text{" } (\sqrt{46}) = 0.3634$	.311 cfs	14
⑤	$Q = \text{" } (\sqrt{49}) = 0.3750$		
⑥	$Q = \text{" } (\sqrt{51.5}) = 0.3845$		
⑦	$Q = \text{" } (\sqrt{53}) = 0.3900$		
⑧	$Q = \text{" } (\sqrt{53.5}) = 0.3919$		
⑨	$Q = \text{" } (\sqrt{60}) = 0.4150$		
⑩	$Q = \text{" } (\sqrt{58.5}) = 0.4098$		
$\Sigma 3.84 \text{ cfs}$			

MICHAEL L. LIND
APR 22 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

35-07972
Permit No.

Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

Theoretical Q

$$\begin{aligned}\text{Equation: } Q_{\text{cfs}} &= \frac{8.8 (\text{efficiency}) (\text{HP})}{\text{Pumping Depth} + 2.31 (\text{Pressure})} \\ &= \frac{8.8 (0.70) (300)}{312 + 2.31 (60)} \\ &= \underline{4.10 \text{ cfs}} \quad \leftarrow\end{aligned}$$

MICROFILMED
APR 17 1987

T75R30E

35-7972

T-12

Not To Scale

24	19
23	30

19	20
30	29

30	21
29	28

Dr 3014
1000

Dr 3014
1000

Dr 3014
1000

Dr 3014
1000

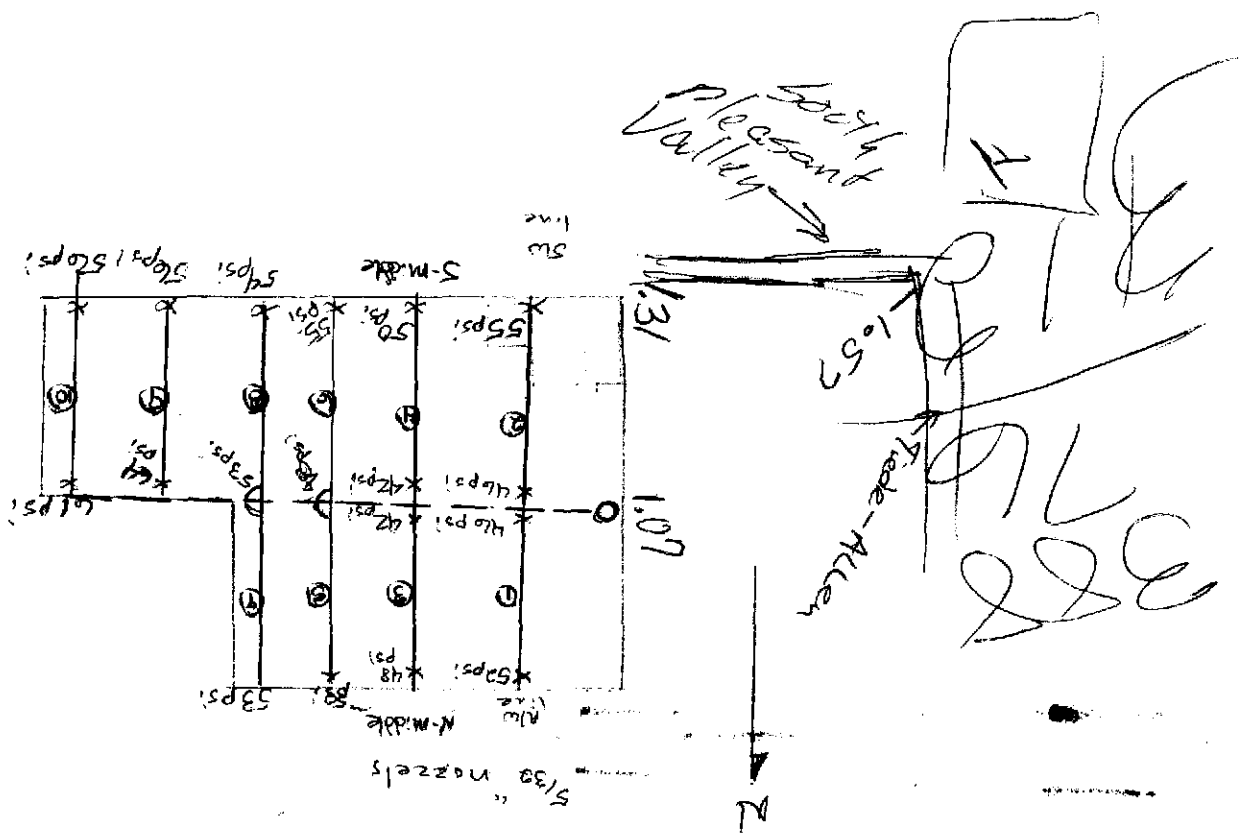
Dr 3014
1000

Dr 3014
1000

Dr 3014
1000

29	28
32	33

APR 22 1967





35-7972

RAST

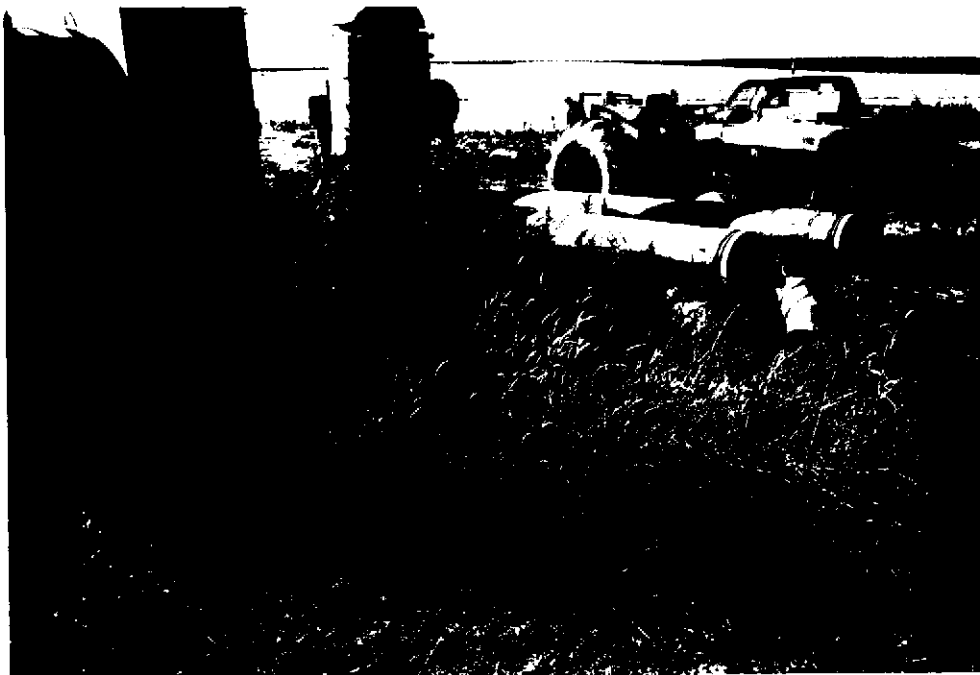


↑
SANDTRAPS

35-772-511
35-772-512

35-7972

RAST



December 21, 1989

IRMA RAST
C/O MELVIN R. FUNK
RT. 1 BOX 142
AMERICAN FALLS, ID 83211

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 35-07972

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

MICROFILMED

FEB 14 1990

1/80

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 35-7972

Date: 12-11-1989

General Considerations:

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

Source of Water:

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

Extent of Use and Rate of Diversion:

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

Measuring Device:

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

Remarks:

Proof acceptable
Note - License Exam sheet & fee. Possible
refund needed - refund not necessary.

N/A Priority Calculation:
Date proof received _____

Date proof due _____

No. of days late _____

Priority date _____

NEW PRIORITY DATE _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

- address change

CONFIDENTIAL - SECURITY INFORMATION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 334-7900
September 21, 1989

IRMA RAST
C/O MELVIN R. FUNK
RT. 1 BOX 142
AMERICAN FALLS, ID 83211

PERMIT APPROVAL NOTICE

RE: PERMIT NO. P35-07972

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.

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.

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

MICROFILMED

SEP 25 1989

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

MICROFILM

SEP 25 1989

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Ernst APPLICATION NUMBER: 35 7972

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☐ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

That farmer will provide justification for excessive R.

SEND COPIES TO:

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

Copies sent by: _____

Date: _____

PROCESSING:

- ☐ Yes ☒ No
☐ Yes ☒ No

Platted by: _____ Map No. _____

Other rights on same place of use. _____

- ☒ Yes ☐ No*

In form for advertising.

Final date for protests: May 11

- ☐ Yes ☐ No

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: _____
☐ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.

- ☐ Yes ☒ No Measuring device required.

- ☐ Yes ☐ No Access port required.

- ☐ Yes ☐ No Will water be delivered by watermaster? If yes, what district? 01

- ☐ Yes ☐ No Date of priority recommended. _____

Special conditions of approval or cover letter. _____

Allow 1 yr. for development

not released in 5-1180 contract

app. released in 5th district 6/19/85

By: _____ Date: _____

STATE OFFICE REVIEW:

P05, P03, P23, P16 01B 48 49 46

- ☐ See attached sheet for more information.

By: KW

Date: 8/19/86

App. in NON-TRUST area -
KW 9/7/89

RECEIVED

MAY 02 1983

Department of Water Resources

MEMORANDUM

TO: FILE
FROM: JIM JOHNSON
RE: PROCESSING APPLICATION
DATE: August 25, 1989

=====

This file had been put on hold originally because of the Swan Falls litigation. The application has been released from the Idaho Power lawsuit in the 5th dismissal. There is no longer any reason to continue to hold this application.¶

COPIED TO FILE
SEP 1 1989

SEP 1 1989



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

CECIL D. ANDRUS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

February 12, 1987

RE: Application for Permit No. 35-7972

Melvin R. Funk
Rt. 1, Box 142
American Falls, ID 83211

Dear Mr. Funk:

Enclosed is a refund in the amount of \$200.00, which is the amount you submitted with an examination fee information sheet for the above referenced application for permit.

The Department is refunding this amount to you because an exam fee should not be submitted until the water right has gone from the application stage to that of being a permit and is ready for a beneficial use examination to be conducted.

If you have any questions concerning this matter, please let us know.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

SEP 35 1987

FORM DA-8 Rev. 10-85
 WHITE - State Auditor
 BLUE - Purchasing Copy
 GREEN - Office Distribution
 YELLOW - Remittance Advice
 PINK - State Auditor then Agency
 GOLDENROD - Agency Copy

AGENCY USE

Date: 02/05/87

Code: 1000

AGENCY NAME:

EXPENDITURE VOUCHER

STATE OF IDAHO
 Office of State Auditor

AUDITOR USE

Document No. 2091212

Pre-Audit Date: FEB 6 1987

Warrant No.

PAY

MELVIN R. FUNK

TO

RETURN TO DEPT. OF WATER RESOURCES

CHECK ONE:

- ☐ MISCELLANEOUS EXPENDITURE
☐ STATE CONTRACT

PAYMENT:

☐ PARTIAL

☐ FINAL

Encumbrance Reference No.

LINE No.	PROGRAM			ACCT.	CLASS		DESCRIPTION (Include Quantity)	COMPLETE ONE		AGENCY USE
	Maj	Min	Els		Maj	Min		%	LINE AMOUNT	
1	01	30	19	1231	883		REFUND EXAM FEE ONLY USED APPLICATION FEE 02/03/87 200.00			

STATE AUDITOR'S WARRANT
 DRAWN ON THE TREASURER OF THE STATE OF IDAHO
 BOISE, IDAHO

STATE OF IDAHO



1000 193002 2091212 01390569 0150 92-351/1241

FUND AGENCY DOCUMENT NO. WARRANT NO.

PAY

MELVIN R FUNK

TO THE
 ORDER OF

02/06/87

\$200.00

DATE

AMOUNT

MICROFILMED

SEP 25 1989

AMERICAN BANK OF COMMERCE
 MAIN OFFICE, BOISE, IDAHO

J. R. Williams
 STATE AUDITOR

2501390569 # 1241035110 4000700138 # 10000

I hereby certify that a warrant be authorized and drawn in payment of the items described above, that the items described were ordered by proper authority; that they are necessary in the public service, that the items have been received and accounted for, and that the account as stated is correct and just.

FEB 6 1987

Head of Agency or Institution

TOTAL	100% =	
-------	--------	--

AUDITOR'S CERTIFICATE

I hereby certify that the above account is in proper form; that totals carried hereon are correct; that receipts when required by law or regulation of the State Board of Examiners covering items for which reimbursement is asked are submitted herewith; and that there are funds in the state treasury and balances in appropriation accounts out of which the same may be lawfully paid.

State Auditor

FORM DA-4 Rev. 10-85
 WHITE — State Auditor
 BLUE — Purchasing Copy
 GREEN — Office Distribution
 YELLOW — Remittance Advice
 PINK — State Auditor then Agency
 GOLDENROD — Agency Copy

EXPENDITURE VOUCHER

STATE OF IDAHO
 Office of State Auditor

AUDITOR USE

Document No: 2001212	
Pre-Audit	Date FEB 6 1987
Warrant No.	

AGENCY USE		
0059		
Date	02/05/87	
Code	193002	

AGENCY NAME: DEPT. OF WATER RESOURCES

PAY
TO

MELVIN R. FUNK
 RETURN TO DEPT. WATER RESOURCES

CHECK ONE:

- ☐ MISCELLANEOUS EXPENDITURE
☐ STATE CONTRACT
☐ PURCHASE ORDER
☐ MISCELLANEOUS ENCUMBRANCE REQUISITION

Encumbrance Reference No.

PAYMENT: ☐ PARTIAL ☐ FINAL

LINE No.	PROGRAM			ACCT.	CLASS		DESCRIPTION (Include Quantity)	COMPLETE ONE		AGENCY USE
	Maj	Min	Ele		Maj	Min		%	LINE AMOUNT	
1	06	30	199	1238	883		REFUND EXAM FEE ONLY NEED APPLICATION FEE 02/03/87 200.00		200.00	
								TOTAL	100% =	200.00

NOTE: Final payment must be accompanied by a receiving copy

TO STATE AUDITOR

Request is hereby made that a warrant be authorized and drawn in payment of the item or items described above. I hereby certify that the items described were ordered by proper authority; that they are necessary in the public service, that the items have been received and accounted for, and that the account as stated is correct and just.

FEB 6 1987

Date Head of Agency or Institution

AUDITOR'S CERTIFICATE

I hereby certify that the above account is in proper form; that totals carried hereon are correct; that receipts when required by law or regulation of the State Board of Examiners covering items for which reimbursement is asked are submitted herewith; and that there are funds in the state treasury and balances in appropriation accounts out of which the same may be lawfully paid.

State Auditor

INTER-DEPARTMENT MEMO — 1

DATE 2/3/87

FROM Jim Johnson

TO Ranae Sanders

SUBJECT Refund for Application No. 35-7972

^Please prepare a refund check for ^{400.00}~~\$125.00~~ and return the check to me.
I will then prepare the correspondence.

Reason for refund is because the applicant paid an examination fee
for this application. Exam fee is not to be paid until ready for
licensing of permit.

SIGNATURE

MICROFILMED
SEP 25 1989

4/86 RECEIVED
JUN 16 1986

Department of Water Resources
Eastern District Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EXAMINATION FEE INFORMATION

OK
G.S.
For Office Use Only
Fee Received 200.00
Date 6-16-86
Receipt # 39543
Receipt by MD
Set

RECEIVED

JUL 22 1986

1. Permit No. 35-7972

Department of Water Resources

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Erma Rast c/o Melvin R. Funk

3. Post Office Address: Rt. 1 Box 142, American Falls, ID 83211

Telephone No. (208) 226-5207

4. Source of Water: Groundwater

5. Extent of Use:

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

Irrigation 200 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 4.46 cfs _____ acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

4/29/81

8. Person to contact to accompany the department representative during the field examination:

Melvin R. Funk

(Name)

Rt. 1 Box 142, American Falls, ID 83211

(Address)

(208) 226-5207

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

May 16, 1986

Date

MICROFILMED

SEP 25 1989

Melvin R. Funk, Owner
Signature of Permit Holder (and title, if appropriate)

copy returned for file

FORM A

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

RECEIVED
JUL 3 1985

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 35-7972

Name(s) of Permit Holder: ERMA RAST C/O MELVIN R. FUNK

~~RT. # 1, BOX 142 AMERICAN FALLS, IDAHO 83211~~

Post Office Address: RT. #1 BOX 142 AMERICAN FALLS, IDAHO 83211

Telephone No. (208) 226-5207

Source of Water: GROUNDWATER

Extent of Use: Domestic (number of households)

Stockwater (number and type of stock)

Irrigation	350	(acres)
------------	-----	---------

Other/Remarks

Indicate the date water was first diverted and beneficially used under this permit: 4/29/81

Measuring Device:	Required?	<u> </u> Yes	<u> x </u> No
	Installed?	<u> </u> Yes	<u> v </u> No

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

Person to contact to accompany the Department representative during field examination: MELVIN R. FUNK

(Name)

RT. #1 BOX 142 AMERICAN FALLS, IDAHO 83211

(Address)

(208) 226-5207

(Telephone number)

The above information is a true statement of the extent to which the above numbered permit has been developed.

Da t

MICROFILMED

SEP 25 1989

Signature of Permit
(and Title, if appropriate)

Statement of development for exemption from Swan Falls processing. Not acceptable as proof of beneficial use.

1	61-7435	NORSTEBON, STANLEY G. NORSTEBON, MILDRED M.	P	03-18-1981	G
2	02-7066	OREGON TRAIL IRRIGATION COMPANY, INC.	A	06-26-1970	SW
3	36-7386	ORTH, FRANK L.	P	10-09-1973	G
	33-7066	OWENS, GARY R.	P	02-23-1979	G
4	34-7161	P. U. RANCH LTD.	P	11-27-1976	G
	22-7216	PARKINSON, EDMOND S. HINK, INC.	P	03-04-1977	G
5	35-7921	PETERSEN, KEVIN F.	P	10-14-1980	G
6	35-7922	PETERSEN, KEVIN F.	P	10-14-1980	G
	27-7336	PETERSON, A. WOODROW	A	01-03-1983	G
7	27-7337	PETERSON, A. WOODROW	A	01-03-1983	G
	36-8208	PETERSON, ARDEAN J.	A	06-20-1983	G
8	25-7339	PETERSON, FRED	A	06-17-1983	G
	36-8168	PIETERS, LORRAINE R. PIETERS, EMIL H.	A	03-31-1983	G
9	27-7056	POPE, FLOYD G.	P	12-05-1975	G
10	35-7815	POULSON, WELDON	P	08-18-1978	G
	34-7217	QUIST, A. LARRY	P	04-21-1978	G
11	34-7225	QUIST, A. LARRY	P	01-04-1979	SW
	34-7181	QUIST, ARTHUR W. QUIST, LARRY	P	04-19-1977	G
12	35-7972	RAST, IRMA	A	04-10-1981	G
13	27-7374	REESE, E.L.	A	06-27-1983	SW
	43-7062	RENN, VERNON RENN, WILLIAM	P	04-09-1976	G
14	32-7120	RIGBY, JAMES R. RIGBY, KRIS T.	P	09-25-1981	G
15	22-7374	ROBINSON, WALLACE ROBINSON, BELBA	P	08-05-1981	G
16	33-7023	ROBISON, WILLIAM B.	P	08-31-1973	G
17	22-7189	ROBSON, DALE R.	P	08-02-1976	G
	22-7101	RUDD, G. LYNN RUDD, LUCILLE L.	P	08-06-1974	SW
18	22-7125	RUDD, G. LYNN RUDD, LUCILLE	P	02-18-1975	SW
19	35-7896	SCHELSKE, RICHARD	P	05-07-1980	G
20	35-7942	SCHRITTER, MELVIN	P	01-15-1981	G
	29-7724	SCHULTZ, DARRELL D. SCHULTZ, JANE	A	06-02-1983	G
21	35-7762	SCHUMACHER, C. R.	P	01-04-1978	G
22	35-8058	SHACKLEFORD, CHARLES	A	11-10-1982	G
	35-8059	SHACKLEFORD, CHARLES	A	11-10-1982	G
23	33-7061	SIMPLLOT INDUSTRIES INC.	P	10-24-1977	G
	29-7586	SMITH, ANTON	P	04-02-1981	G
24	61-7410	SMITH, JAMES B. SMITH, SHIRLEY B.	P	08-14-1980	G
25	34-7186	SOELBERG FARMS INC. SOLEBERG FARMS	P	04-27-1977	SW
26	34-7223	SORENSEN, MITCHELL	P	03-07-1979	G
	34-7410	SORENSEN, MITCHELL	A	04-12-1982	G
27	34-7215	SORENSEN, MITCHELL D.	P	04-14-1978	G
	34-7247	SORENSEN, MITCHELL D.	A	05-30-1980	G
28	41-7053	SPILETT, JAMES OREN	P	05-13-1981	G



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

Aug. 1, 1983

Melvin R. Funk
Rt. 1, Box 142
American Falls, ID 83211

RE: Permits Nos.: 35-7966, 36-7967, 36-7969, 36-7972

Dear Mr. Funk:

As another step in our continuing effort to determine rates of flow for the above referenced Applications for Permit, we have measured the rates of flow on the existing irrigation systems. The data obtained from the systems is tabulated below:

<u>App. No.</u>	<u>Rate of Flow Requested(cfs)</u>	<u>Rate of Flow Measured(cfs)</u>	<u>Approx. Acres Irr.</u>	<u>Rate of Flow/ Acre(cfs/acre)</u>	<u>Remarks</u>
35-7966	3.56	2.53	160	0.016	
35-7967	2.94	3.46	240	0.014	1.2 cfs, same land Lic. 35-7786
35-7969	7.13	7.75	320	0.024	
35-7972	4.46	2.28	200	0.011	

Based on this data, we have determined that a rate of flow of greater than 0.02 cfs/acre is not warranted. While it is true that one system was measured to produce more than this rate, the other three showed less. Therefore, we plan to issue all four permits for 0.02 cfs per acre. If the contract between the State of Idaho and Idaho Power Company is not modified significantly from the current draft, the applications will be eligible for approval when the contract is signed, and when the applications are subsequently dropped from the Idaho Power Co. lawsuit.

MICROFILMED

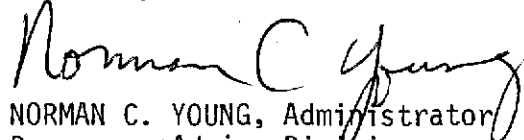
SEP 25 1983

Melvin R. Funk

Page 2

If you have further questions or comments on this matter, feel free to contact this office.

Sincerely,


NORMAN C. YOUNG, Administrator
Resources Admin. Division

NCY:DRT:sc

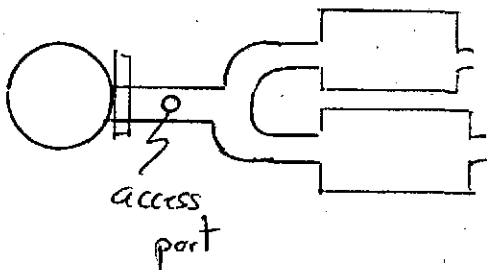
cc: Eastern Region

MICROFILMED

SEP 25 1990

SCHEMATIC DIAGRAM OF SYSTEM

(Include distance from pump to measuring device, if applicable.)



Point(s) of diversion: _____

Place(s) of Use

TWP.	RGE.	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

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

MICROFILMED
SEP 25 1989

Examiner's Signature *W. Jones*
 Checked by _____
 Approved by _____

Date _____
 Date _____
 Date _____

PERMIT NO. 35-7972 Mal Funk
(Name)
EXAMINATION: DATE: 6-17-89 Accompanied by: M Funk

Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No.
<u>Yskawa</u>	<u>300</u>	<u>0075414101</u>	<u>Johnston</u>	

Measuring Device Type: _____

Meter # 0-13 Annubar # 7.02 Size # _____

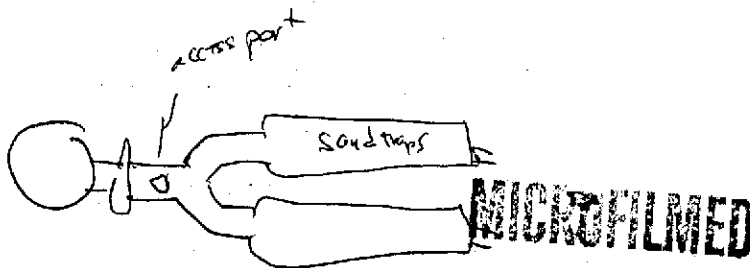
Remarks: _____

Measurement calculations: 10 wheel lines

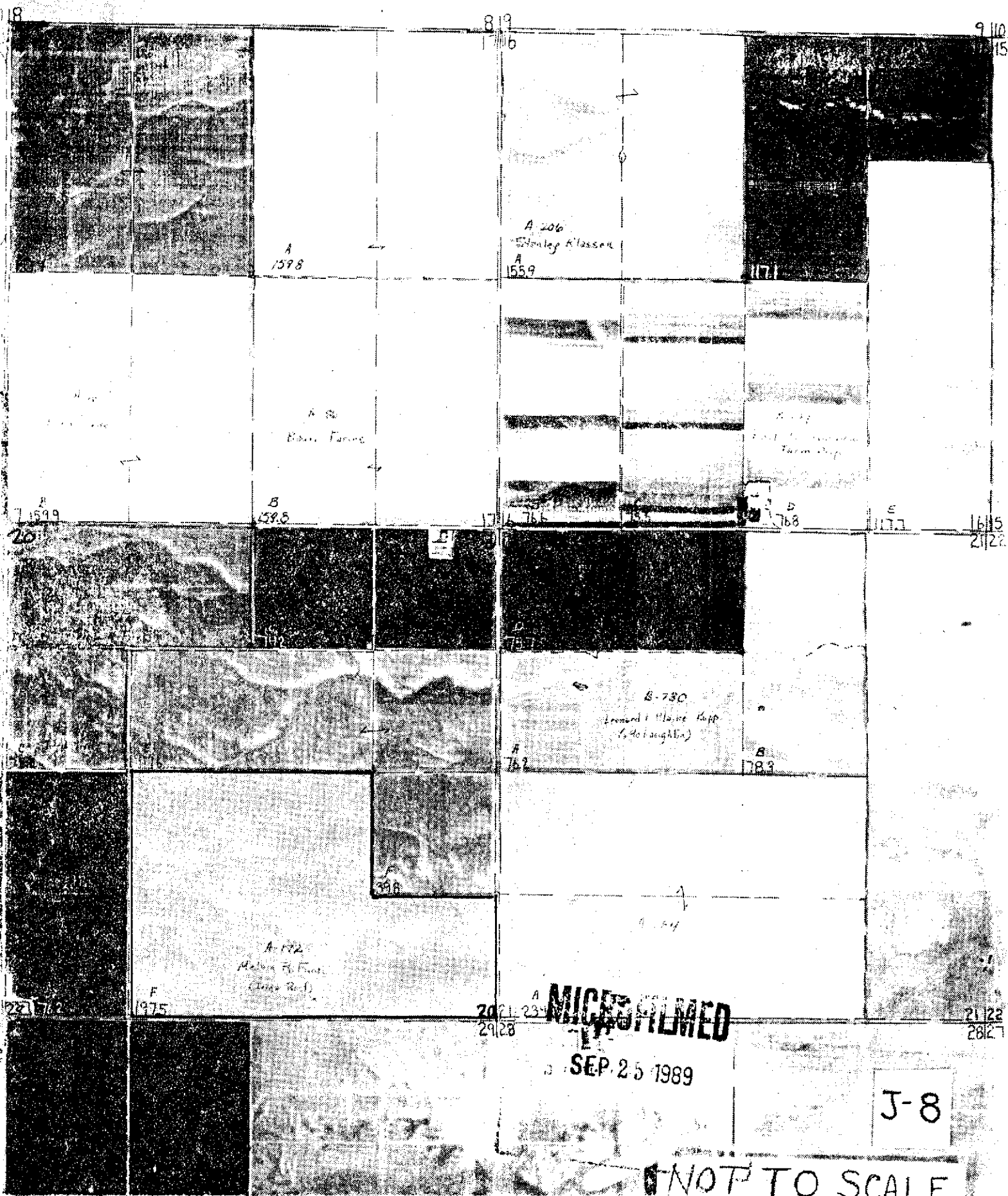
8" Annubar readings
(7.824 corrected) 1022.6 spm
2.28 fs

SCHEMATIC DIAGRAM OF SYSTEM

Mainline Diameter 9.75" Length _____



SEP 25 1989



MICROFILMED

SEP 25 1989

J-8

NOT TO SCALE

DATE April 28, 1983FILE 35-7966/7967/7969/7972NAME OF PARTY Mrs. Sheila FunkhouserEMPLOYEE Ernie

RE: While talking with Mrs. Sheila Funkhouser, secretary for Mel Funk Farms, this morning by telephone, I advised her the State Office had completed its review of the above captioned applications and concluded they should not be approved for more than 1 inch per acre. Furthermore, I advised her the applications would be held in the Eastern Regional Office until the issue of subordination of Idaho Power's water rights on Swan Falls has been resolved. I indicated when final action could be taken I would forward the applications with a recommendation that they be approved for one inch per acre unless Mr. Funk provided additional information in the meantime.

RECEIVED
MAY 2 1983

SEP 25 1989



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

Tutthill Ver

April 18, 1983

MEMO

TO: Norm Young *(NY)*

FROM: Verl G. King

SUBJECT: MELVIN R. FUNK WATER PERMITS

RECEIVED

APR 27 1983

Department of Water Resources
Eastern District Office

I have reviewed the Dale D. Stukenholtz, Ph.D. letter on water requirements for irrigating potatoes and have the following comments.

It is unrealistic to consider sporadic evapotranspiration measurements when designing an irrigation system. We base our analysis on maintaining at least 50% of the available soil moisture in the soil profile at the end of the irrigation rotation period. This is to prevent moisture stress on the plant and provide for a high quality potato. The only way a temporary moisture stress could be prevented for evapotranspiration of the rate suggested (0.40 acre inches per hour - I feel he must have his units or decimal in error) is to have a solid set system in full operation at the time of peak use. A lateral system would only protect the area of the field where the laterals are set.

I feel our method of analyzing water needs is realistic and based on sound data. The comments of Dr. Stukenholtz do not change this.

VGK:mb

Verl G. King

MICROFILMED

SEP 25 1989

ACTION REQUIRED

FROM:

Emie

April 6, 1983

TO:

Dave Tull

RE: 35-7966/7967/7969/7972

These applications are all g. operators. Mr. Funk, who is a very large operator (farmer) in the American Falls area, had been relying on one of his employees to follow thru on these requests. Unfortunately the employee quit and justification was never received. Recently, after several phone calls over the past couple of years by myself, Mr. Funk finally submitted justification. However, with

the ~~adverse~~ ~~from~~ ~~Falls~~ decision, I advised him of the Dept.'s position on approving new permits. Since failure to get these permits issued, ~~an~~ even at \$0.02 cfs/sec. could financially bankrupt Mr. Funk, he will probably make a special trip to Boise to contact legislators and lobby for a subordination bill and to meet with Dept. staff about recommending final action on these applications. I don't know the date he will be in Boise, but it probably would benefit Mr. King if he or one of his staff ~~had~~ reviewed these prior to meeting with Mr. Funk. Please see that these applications are routed to the appropriate individual.

MICROFILMED

SEP 25 1989

Shark3

DIRECTOR DEPARTMENT OF WATER RESOURCES:

I HEREBY SUBMIT THESE LETTERS FROM
STUKENHOLTZ LABORATORY AS JUSTIFICATION FOR
THE EXCESSIVE AMOUNT REQUESTED IN THE APPLICATION
NOS. 35-7966 35-7967 35-7969, 35-7972

Melvin K. Funk

RECEIVED

MAR 8 1983

Department of Water Resources
Eastern District Office

MICROFILMED

SEP 25 1989

Stukenholtz Laboratory

DIVISION OF AGRICULTURE CONSULTING, INC.

ADDISON AVENUE EAST • BOX 353 • 734-3050
TWIN FALLS, IDAHO 83301

RECEIVED

April 17, 1981

MAR 8 1983

Department of Water Resources
Eastern District Office

Mr. Joseph Ruschetti
Mel Funk Farms
American Falls, Idaho 83211

Dear Mr. Ruschetti:

This is in answer to your request for me to explain some Agronomic facts in regards to irrigation requirements of potatoes and sugar beets grown in the American Falls area of Idaho. I believe you wanted me to explain how much water capacity of a pump on a typical 240 acre field would be necessary to obtain maximum economic yields of potatoes and sugar beets during peak water use requirements.

It is very common during the month of July when hot winds with a low relative humidity blow constantly for evapotranspiration to equal 0.40 acre inches per hour. The University of Idaho and the USDA ARS have researched this subject in extreme detail and any even temporary moisture stress on potatoes will result in a lowering of yield and quality. The same is true of sugar beets but to a lesser extent. In order for growers to raise high yields and quality they must have adequate irrigation systems to satisfy peak water use demands.

A good system on a 240 acre field would consist of 12 wheel lines with 6.0 gpm flow control nozzles. Such a system at optimum pressure would require about 2300 gpm of water which is equivalent to 5.11 cfs or 1.06 miner's inches per hour. This would be just barely adequate to supply evapotranspiration needs of the crops during peak periods with a fastest possible practical rotation time of six days. If the pump produced less water, then smaller nozzles would be needed and the crop would suffer from lack of moisture at critical times. This is a very common occurrence in Idaho and results in impairment of yield and quality in countless fields.

An excellent irrigation system would consist of 14 wheel lines on a 240 acre field which would provide a rotation period of about 5.0 days. This would enable us to use 5.5 gpm flow control nozzles in order to avoid harmful compaction caused by large droplet sizes.

MICROFILMED

SEP 25 1989

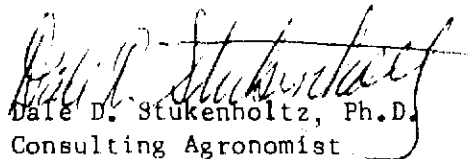
At adequate pressure of about 60 psi, these 14 lines will require 2460 gpm which is 5.47 cfs on 1.14 miner's inches per acre. This would be fairly close to an ideal system such that one should obtain near maximum yield and quality of all crops.

Even though it is possible to produce fairly good crops with somewhat less water than 1.0 miner's inches/acre, it is more profitable to a grower of high value crops to have more than average pump capacities for the following reasons:

1. Adequate water would be present for nearly all peak water use periods.
2. Higher yields and quality come from more frequent irrigation schedules.
3. Less soil compaction from smaller nozzle sizes and shorter sets.
4. Greater capacity to "catch-up" on occasion when one gets behind because of one reason or another.
5. It is always more profitable to have a slight excess of water than to have a slight deficiency of water.

I hope this is sufficient information on the above subject matter and if you need a more detailed presentation, do not hesitate to call.

Sincerely,


Dale D. Stukenholtz, Ph.D.
Consulting Agronomist

DDS/lk

MICROFILMED

SEP 28 1980

35-7966
INTER-DEPARTMENT MEMO — 1

FROM Ernest

DATE July 20, 1981.

TO Dave.

SUBJECT Appl. for Permit 35-7974/7975, Melvin Funk.

On 5/26/81 the above app.s were forwarded to the state office along with the justification for excessive Q. Three other app.s by the same individual requiring similar justification are being retained in Eastern pending a determination regarding the ~~acceptab~~ justification. We would appreciate some info. on status of state office review.

Thanks.

SIGNATURE

Hold file 35-7966/7967/7969/7972

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

JOHN V. EVANS
Governor
A. KENNETH DUNN
Director

150 Shoup Avenue
Idaho Falls, ID 83401
(208) 525-7161

April 16, 1981

Irma Rast
c/o Melvin R. Funk
Rt. 1, Box 142
American Falls, ID 83211

RE: Application No. 35-7972

Dear Ms. Rast:

Enclosed is Receipt No. 17174 in the amount of \$125.00 which was received by this office for the filing fee on the above-referenced item.

Sincerely,

Kay Walker
Secretary
kw

Enclosure

MICROFILMED
SEP 25 1982

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

150 Shoup Ave.
Idaho Falls, Idaho 83401
(208) 525-7161

APRIL 15, 1981

Power County Press
174 Idaho Street
American Falls, Idaho 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. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. 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 11, 1981.

Yours truly,

RONALD D. CARLSON
Supervisor
Eastern Region

Encl.

MICROFILMED
SEP 25 1989

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 150 Shoup Ave., Idaho Falls, Idaho 83401 on or before MAY 11, 1981.

A. KENNETH DUNN

Director

Published 4/23 & 4/30/81.

MICROFILMED

SEP 25 1989

35-2922-

RAST, IRMA

C/O MELVIN R. FUNK, RT. 1 BOX 142, AMERICAN FALLS, ID 83211

Source: GROUNDWATER

Date Filed: 04/10/1981

Amount: 4.46 CFS

Diversion Point: NESW Sec 20 T 07S R 30E, POWER Co.

Use: IRRIGATION (4.46 CFS) from 04/01 to 11/01

Place of Use: NESW SESW NWSE SWSE SESE Sec 20 T 07S R 30E FOR 200 ACRES

Diversion Means: WELL, PUMP & SPRINKLERS.

MICROFILMED

SEP 25 1989