

Identification No. 17 7076
Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT **APPROVED**

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant Merrell A. Nelson Phone: 752-7930
post office address 164 South Third West, Logan, Utah 84321
2. Source of water supply ground water which is a tributary of _____
3. a. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 33 Township 14S
Range 30E B.M. Oneida County; additional points of diversion if any: _____
NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec 33, T. 14S, R. 30E, NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 5, T. 15S, R. 30E, B.M.

b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 12.0 for Irrigation purpose from Apr. 1 to Nov. 1 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 12.0 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. 3 wells, pumps, and 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 during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is 20 inches; proposed depth of well is 350 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ 150,000.
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: _____ hp 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: _____

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

TWP.	RANGE	SEC.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTALS
			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 $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
14S	30E	33	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	640

Total number of acres to be irrigated 640

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

Permit No. 17-7008

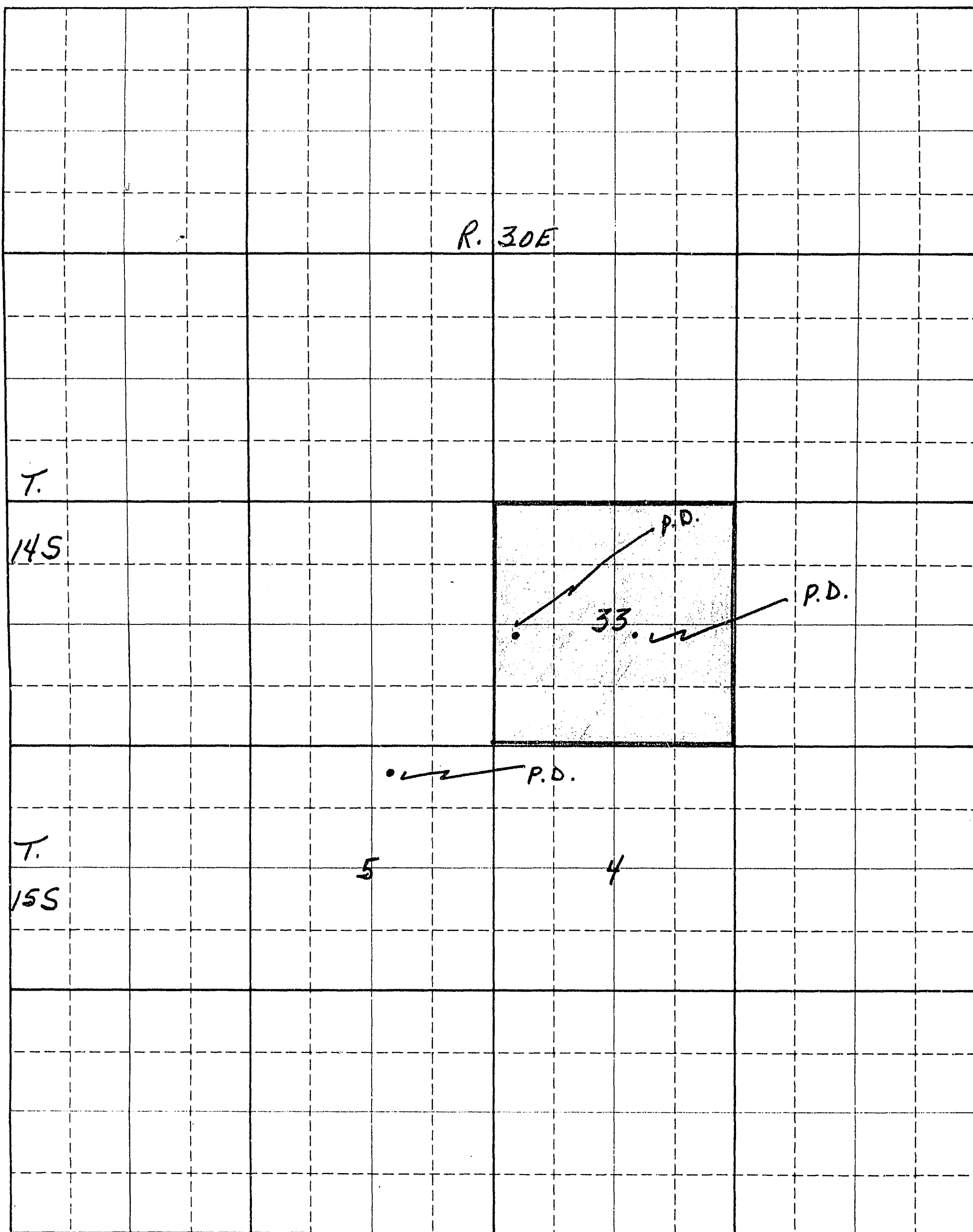
9. a. Who owns the property at the point of diversion Applicant

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 The land under Permit No. 17-7008 has been divided between George and Merrell Nelson. The points of diversion in S $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 29 SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 32, will remain with the land that was amended in George's name under Permit No. 17-7008

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.

Merrill A. Nelson
(Applicant)

Proposed Priority 11/25/75

Received by me Date 11-25-75 Time 11:56 AM

Preliminary check by SAJ Fee \$ 135.00

Received by me Date 11-25-75 # 15498

Publication prepared by me Date 11-28-1975

Published in The Idaho Water Journal

Publication dates Dec. 4 & Dec. 11, 1975

Publication approved me Date 12-15-75

Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by jc

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. 17-7076, 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 April 1, 19 83.
- c. Other: For licensing purposes a scientific measurement of the diversion rate of the system as it is normally operated shall be provided by either properly installing an approved type of measuring device or by having a professional engineer certify the rate of diversion to the Department prior to submitting proof of beneficial use of water.

2. Denial of said application is for the following reasons: _____

Witness my hand this 26TH day of April, 19 78.

Norman C Young
Administrator

RECEIVED

DEC 15 1975

Department of Water Resources
Eastern District Office

**NOTICE OF APPLICATION
FOR WATER PERMIT**

Notice is hereby given that Merrell A. Nelson, Logan, Utah has on 11-25-75 submitted Application No. 17-7076 for a permit to appropriate 12.0 cubic feet per second of water from ground-water sources by means of wells and pumps within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 33, T. 14S, NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 5, T. 15S, R. 30E, B.M., Oneida County; to be used from Apr. 1 to Nov. 1 for the irrigation of 640 acres within Sec. 33, T. 14S, R. 33E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before December 22, 1975.

R. KEITH HIGGINSON
Director

Published in the Idaho Enterprise, Malad City, Idaho on December 4 and December 11, 1975.

AFFIDAVIT OF PUBLICATION

State of Idaho
County of Oneida, ss.

Paula Hendel being first duly sworn on his oath, states: That he is Secretary of the Idaho Enterprise, a newspaper of general circulation in Oneida County, Idaho published weekly at Malad, 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 said Idaho Enterprise was at all of the times of publication of said notice a newspaper of general circulation made up of at least four pages of at least five columns each, printed from type matter or stereotyped forms of at least seventeen and three fourths inches depth, and said newspaper during all of the times of publication aforesaid had more than 200 bonafide subscribers thereto living within the county of Oneida in which said newspaper was published at regular intervals not less frequently than once a week.

That the annexed notice was published 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 4 day of Dec, 1975 the date of the last publication being the 11 day of Dec, 1975.

Paula Hendel
Subscribed and sworn to before me this 12 day of Dec, 1975.

H. D. Mayhew
Notary Public, residing at Malad, Idaho

My Commission expires the 10 day of Oct, 1977.

Costs:

30 lines at 23c per line first insertion \$ 6.90

lines tabulated at 34 $\frac{1}{2}$ c per line \$

15c per line each subsequent insertion \$ 4.50

TOTAL \$ 11.40

(Rates for legal notices are fixed by Idaho law)

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

Application No. _____

- ☒ Source
- ☒ Point of Diversion
- ☒ County
- ☒ Quantity of Water and Period of Use
- ☒ Description of Diverting Works
- ☒ Time required for B/U of water
- ☒ Place of Use or Acres Irrigated
- ☒ Map
- ☒ Signature
- ☒ Fee

(1) LA 11-25-75

In form to receipt yes

(2) " "

Send Copies to:

- Idaho State Health Department
- Idaho Fish and Game Department
- Bureau of Land Management

(3) " "

- Request Special Use Permit from U.S.F.S.
- Request Easement from B.L.M.
- Request Information from Applicant

(4) " "

In form for advertising yes

(5) " "

Platted on Map No. _____

(6) " "

NA Located within Water District No. _____

(7) " "

Critical groundwater area: yes _____ no ✓

(8) " "

Groundwater levels:

_____ Declining, _____ Stable, _____ Increasing

(comment) NO MEASURABLE OBS WELLS

(9) " "

Other rights on the same place of use yes

(10) " "

Comments: Permit 17-7008 - Amended 4.5 cfs / 930 Acres
Covers all sec 33

(11) me 12-15-75

Affidavit of Publication received (date) 12-15-75

(12) me 12-22-75

Final date for protests December 22, 1975

Protests received: yes _____ no ✓

(13) " "

All requested information received from (agencies or applicant: yes _____ no _____)

(14) " "

Action recommended:

X Approve _____ Deny

11-25-75 Proposed Priority

Reason for Reduction _____

X Measuring device required

See attached sheet for other conditions of approval

No special conditions for approval

(15) District Eastern

By Carrie Carlson Date 3/6/78

by Jan Grover

RECEIVED
APR 5 1978

Department of Water Resources

November 28, 1975

RE: Application for Permit No. 17-7076
Application for Amendment No. 17-7008

Mr. Merrell A. Nelson
164 S. 3rd W.
Logan, Utah 84321

Dear Mr. Nelson:

Attached herewith is Departmental receipt No. 15498 in the amount of \$145.00 for the above referenced applications.

Very truly yours,

RONALD D. CARLSON
Supervisor
Eastern Region

RDC:ME

Attachment

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Merrell A. Nelson,
Logan, Utah

has on 11-25-75 submitted Application No. 17-7076
for a permit to appropriate 12.0 cubic feet per second ~~acre feet per annum~~
of water from a ground-water sources
by means of wells and pumps
within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 33, T. 14S, NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 5, T. 15S, R. 30E, B.M.,
Oneida County;

to be used from Apr. 1 to Nov. 1
for the irrigation of 640 acres

within the ~~xxx~~ Sec. 33, T. 14S, R. 33E, B.M.

If issued, this permit will be subject to all prior water rights. Protests
against the granting of the permit must be filed with the Idaho Department of
Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before _____
December 22, 1975

R. KEITH HIGGINSON

Director

Idaho Enterprise, Malad City, Idaho

Published in the _____
December 4 _____
on _____ and December 11, 1975.

me-h.
me-13
me-R.

**NOTICE OF APPLICATION
FOR WATER PERMIT**

Notice is hereby given that Merrell A. Nelson, Logan, Utah has on 11-25-75 submitted Application No. 17-7076 for a permit to appropriate 12.0 cubic feet per second of water from ground-water sources by means of wells and pumps within the NW $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 33, T. 14S, NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 5, T. 15S, R. 30E, B.M., Oneida County; to be used from Apr. 1 to Nov. 1 for the irrigation of 640 acres within Sec. 33, T. 14S, R. 33E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before December 22, 1975.

R. KEITH HIGGINSON
Director

Published in the Idaho Enterprise, Malad City, Idaho on December 4 and December 11, 1975.

November 28, 1975

RE: Applications for Permit Nos. 17-7074 - NEAL
17-7075 - TUBBS
17-7076 - NELSON
29-7297 - SWENSON

The Idaho Enterprise
P.O. Box 205
Malad City, Idaho 83252

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. 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.

Very truly yours,

RONALD D. CARLSON
Supervisor
Eastern Region

Bill submitted 12-15-1975 by me

RDC:ME

Legal Notices (4)

INTER-DEPARTMENT MEMO — 1

FROM

Jan Grover

TO

Glen Saxton

SUBJECT

2 1/2 yr. processing of 17-7026

DATE

4/26/78

In talking with the Eastern Region office I was told this application was found on or in Gay Johnson's desk shortly before it was sent to the state office. No reason for the delay was given, but the problem has been alleviated.

SIGNATURE



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

John V. Evans
Governor

C. Stephen Allred
Director

Statehouse
Boise, Idaho 83720
(208) 384-2215

May 3, 1978

Re: Permit No. 17-7076

Merrell A. Nelson
164 South Third West
Logan, UT 84321

Dear Mr. Nelson:

Enclosed is a copy of your approved Application for Permit No. 17-7076. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to either install and maintain a measuring device at your point of diversion or to provide the Department a certified measurement of the systems diversion capacity prior to submitting proof of beneficial use of water. We have enclosed a letter describing the different types of measuring devices accepted by this office.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:KW

Enclosure

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF CHANGING THE MEASURING
DEVICE REQUIREMENT FOR PERMIT NO. 17-7076

ORDER

WHEREAS, the above numbered permit was approved with the condition that a measuring device of a type approved by the Department be permanently installed and maintained as part of the diverting works; and,

WHEREAS, on July 1, 1978, the Department adopted a new water measurement condition which states: "An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department"; and,

WHEREAS, the former condition required the permit holder to purchase and install a measuring device or hire a professional engineer to certify the rate of diversion; and,

WHEREAS, the measuring device condition effective July 1, 1978, requires less capital expenditure by the permit holder; and,

WHEREAS, to be equitable to holders of permits issued prior to July 1, 1978, the new condition should be retroactive;

NOW THEREFORE, it is hereby ordered that the condition of approval of this permit related to water measurement is hereby changed as follows:

"The permit holder shall either install a measuring device or provide a certified measurement by a professional engineer or install an access port or other device as specified by the Department".

Dated this 1st day of June 1981.

Glen Saxton

GLEN SAXTON
Chief, Operations Bureau

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 17-7076 IN THE
NAME OF MERRELL A. NELSON

)
) ORDER OF REINSTATEMENT
)

WHEREAS, the Department has issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use be submitted on or before April 1, 1983; and,

WHEREAS, the Department has notified the permit holder by certified mail that proof was due and instructed the permit holder as to the steps to be taken to make said proof; and,

WHEREAS, the Department has notified the permit holder that the permit has lapsed for failure of the permit holder to submit proof of beneficial use; and,

WHEREAS, Section 42-218a of the Idaho Code provides that a permit may be reinstated upon a showing of reasonable cause within sixty days of the date of the notice of lapsing; and,

WHEREAS, the permit holder has provided a reasonable showing as to why said permit should be reinstated by submitting proof of beneficial use on May 5, 1983;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 17-7076 be REINSTATED and the priority advanced to December 29, 1975.

Dated this 16th day of May, 1983.


L. GLEN SAXTON
Chief, Operations Bureau



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

December 3, 1982

Dear Wateruser:

The enclosed Order changes the measuring device condition of approval on your water right permit.

The changed condition is less restrictive and provides you the option to install an access port or have your system measured and certified by a professional engineer. Instructions for access port installation are also enclosed.

If you have questions regarding this matter, please contact the regional office nearest to you.

Sincerely,

DAVID R. TUTHILL JR., P. E.
Supervisor, Water Allocations Section

DRT:jg

Enclosures

NORTHERN REGION OFFICE
Route #5, Box 203, Government Way
Coeur d'Alene, Idaho 83814
Telephone 667-6484

EASTERN REGION OFFICE
150 Shoup Avenue
Idaho Falls, Idaho 83401
Telephone 525-7161

SOUTHERN REGION OFFICE
1041 Blue Lake Boulevard North
Twin Falls, Idaho 83301
Telephone 734-3578

WESTERN REGION OFFICE
92 South Cole Road
Boise, Idaho 83709
Telephone 334-2190

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138152

NELSON, MERRELL A.
164 S. 3RD. W.
LOGAN, UT 83421

PROOF DUE NOTICE

JANUARY 31, 1983

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 17-7076 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE APRIL 01, 1983. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A POSTCARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU OR A PREVIOUS OWNER OF THIS PERMIT HAVE NOT RECEIVED A PRIOR EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME IF THE DELAY IS FOR REASONABLE CAUSE AS PROVIDED IN SECTION 42-204, IDAHO CODE. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER THE BENEFICIAL USE POSTCARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

NELSON, MERRELL A.
164 S. 3RD. W.
LOGAN, UT 83421

LAPSE NOTICE

APRIL 05, 1983

DEAR PERMIT HOLDER:

YOU ARE HEREBY NOTIFIED THAT UNDER THE PROVISIONS OF SECTION 42-218A OF THE IDAHO CODE, PERMIT NO. 17-7076 HAS LAPSED. THIS OFFICE DID NOT RECEIVE EITHER AN ACCEPTABLE NOTICE THAT YOU HAVE COMPLETED THE PROJECT (PROOF OF BENEFICIAL USE) BY THE DATE REQUIRED ON YOUR PERMIT OR AN ACCEPTABLE REQUEST FOR AN EXTENSION OF TIME. YOU WERE PROVIDED THE PROPER FORMS IN OUR PROOF DUE NOTICE TO YOU DATED JANUARY 31, 1983.

YOUR PERMIT CANNOT BE REINSTATED UNLESS YOU SUBMIT THE STATEMENT OF BENEFICIAL USE POSTCARD OR SUBMIT AN EXTENSION OF TIME REQUEST SHOWING REASONABLE CAUSE FOR DELAY. EITHER THE COMPLETED POSTCARD OR THE EXTENSION REQUEST MUST BE RECEIVED BY THIS OFFICE WITHIN SIXTY DAYS OF THE DATE OF THIS LAPSE NOTICE OR THE PERMIT WILL NO LONGER BE OF ANY FORCE OR EFFECT.

A STATEMENT OF BENEFICIAL USE POSTCARD AND A REQUEST FOR EXTENSION OF TIME FORM ARE AGAIN ENCLOSED FOR YOUR USE. PLEASE NOTE THAT A FEE OF \$15.00 MUST ACCOMPANY AN EXTENSION OF TIME REQUEST AND THAT ONLY ONE EXTENSION OF TIME CAN BE GRANTED UNLESS THE PROJECT HAS NOT BEEN COMPLETED BECAUSE OF LACK OF A NECESSARY APPROVAL BY A GOVERNMENTAL AGENCY OR BY LITIGATION.

L. GLEN SAXTON
CHIEF, OPERATIONS BUREAU

ENCLOSURES

LGS:RF

CERTIFICATION OF MAILING

I hereby certify that on Apr 18, 1983
a copy/an original of this document was
deposited in the United States mail,
postage prepaid addressed to the
individual(s) named above.

John Fleck

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below of Permit No. 17-7076.

Name(s) of Permit Holder: Merrell A. Nelson

Post Office Address: Sublett Rt. Malta Idaho 83342

Tel. No. 645 2411

Source of Water: Well

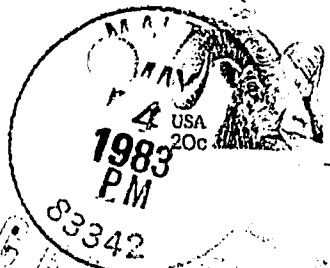
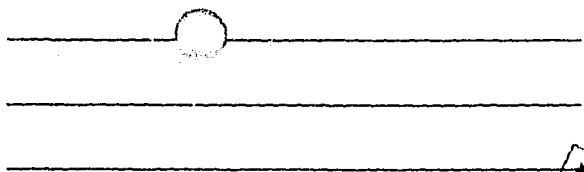
Extent of Use: ☐ Domestic (number of households)
☐ Stockwater (number and type of stock)
☒ Irrigation 50 (acres)
☐ Other

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

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

May 4 1983
Date

William T. Nelson
Signature of Permit Holder



REGISTERED
MAY 5 1983

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

CALCULATION OF NEW PRIORITY DATE

FROM: Rita Fleck

TO: File 17-7076

DATE: 5-12-1983

Date Proof Received

125 May 5

Proof Due

- 91 Apr. 1

Number of Days Proof Late

34

Priority Date

+ 329 Nov. 25, 1975

New Priority Date

363 = DEC. 29, 1975

Remarks



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

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

May 20, 1983

Merrell A. Nelson
Sublett Route
Malta, ID 83342

RE: Permit No. 17-7076

Dear Mr. Nelson:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department.

— A field examination of your system has been scheduled for _____.

If this time and date is not convenient for you, please contact this office as soon as possible.

X A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office.

Sincerely,

HAROLD W. JONES
Sr. Resource Agent

HWJ:GW

Enclosure: Reinstatement Order

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF PERMIT	)	
	)	
NO. 17-7076 IN THE NAME	)	ORDER ADVANCING
	)	DATE OF PRIORITY
OF MERRELL A. NELSON	)	

This matter having come before the Department of Water Resources (Department) as a result of preparing Permit No. 17-7076 for the issuance of a license, the Department makes the following Findings of Fact, Conclusions of Law, and Order pursuant to the provisions of Idaho Code.

FINDINGS OF FACT

1. On April 26, 1978 the Department approved Application for Permit No. 17-7076 to appropriate the public waters of the State of Idaho with a priority of December 29, 1975.

2. On December 8, 1986 the Department sent the permit holder a notice that a license examination fee was required before an examination could be conducted to confirm the extent of use developed under the permit.

3. The fee was due on February 6, 1987, 60 days from the date of the notice; however, the fee was not received until May 18, 1987, 101 days late.

CONCLUSIONS OF LAW

1. The Director may advance the priority date of the permit one day for each day the fee was late, pursuant to the provisions of Section 42-217, Idaho Code.

2. The date of priority of Permit No. 17-7076 should be advanced 101 days.

ORDER

IT IS HEREBY ORDERED that the date of priority of Permit No. 17-7076 is advanced to April 6, 1976.

Dated this 3~~rd~~ day of November, 1988.

J. Glen Saylor
Chief, Operations Bureau

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 17-07076

Priority: April 6, 1976 Amount: 2.04 CFS 553.0 AFA

This is to certify, that MERRELL A. NELSON
SUBLETT RT.
MALTA, ID 83342

has complied with the terms and conditions
of the permit issued pursuant to Application for Permit dated November 25, 1975, and
has submitted proof to the Department of Water Resources on May 5, 1983, that
water has been applied to a beneficial use; an examination by the Department indicates
that the works have a diversion capacity of 4.970 cfs of water from a **GROUNDWATER**
source and that a water right has been established as follow:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
IRRIGATION	04/01 to 11/01	2.04 CFS	553.0 AFA

LOCATION OF POINT OF DIVERSION(S): NWNE , Sec. 5, Township 15S, Range 30E
ONEIDA 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>
14S	30E	33	NESW 40	NWSW 40	SWSW 39	158
			SESW 39			

Total number of acres irrigated: 158

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
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 maximum combined rate of diversion under this right & Right 17-7008A shall not exceed 4.97 cfs.

PAGE 2

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 17-07076

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 12TH
day of DECEMBER, 1988.

Acting for the Norm C. Young
Director



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

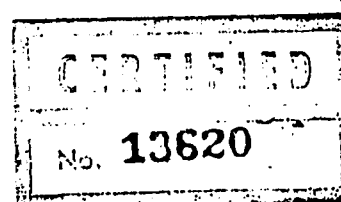
DEC 10 1986

Department of Water Resources

December 8, 1986

17-7076
NELSON, MERRELL A.
SUBLETT RT.
MALTA, ID 83342

EXAMINATION FEE NOTICE



Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this Department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the Department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the Department, but you must within sixty (60) days of the date of this letter return to the Department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the Department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the Department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing of certified water right examiners will be available from this Department when examiners have been certified.

If your permitted use, in fact, has already been examined by the Department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the Department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

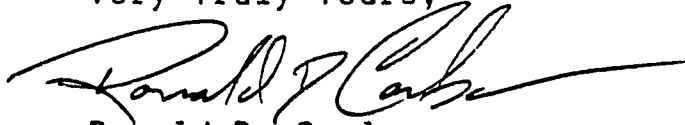
FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following Department office:

Eastern Region
Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, Idaho 83401
Phone: 525-7161

Very Truly Yours,



Ronald D. Carlson
Eastern Regional Manager

Enclosures



Cecil Andrus
Governor

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

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

A. Kenneth Dunn
Director

April 17, 1987

17-7076
NELSON, MERRELL A.
SUBLETT RT.
MALTA, ID 83342

Dear Permit Holder:

On December 9, 1986 this Department sent you a certified letter explaining the recent statutory changes in the licensing procedure that will pertain to the above referenced permit. The new statutes provide the permit holder with a choice of who will perform the licensing field examination. You may either choose a certified water rights examiner from the private sector, or select the Department. If you elect to have the examination done by the Department there is now a fee for this service based on the amount of water being diverted.

The letter advised you had a period of 60 days to notify the Department of your decision. You were to notify the Department by returning the examination fee information form which accompanied the certified letter and the appropriate examination fee, provided you wanted the Department to do the examination. As indicated in the certified letter, failure to return the form and submit the examination fee, within 60 days would cause the priority of your permit to be advanced.

Our records indicate you did not respond within the 60 day period. Starting with February 9, 1987 the priority of your permit will be advanced one day for each day your response is late. Failure to submit a completed examination fee information form, with the examination fee, by February 9, 1988 will result in the permit being lapsed.

As always our staff is available to assist you or answer questions concerning the above matter. For your convenience, we have enclosed another examination fee information form.

Respectfully submitted,

Ernest Carlsen
Assistant Regional Manager

EC/md

Enclosure

4700
RECEIVED

MAY 18 1987

Department of Water Resources
Eastern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 225.00
Date 5-18-87
Receipt # 41200
Receipt by ALA
Sent to S.O. 5-22-87

RECEIVED

MAY 22 1987

1. Permit No. 17-7076

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

Department of Water Resources

☒ 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: Merrell A. Nelson + Sons

3. Post Office Address: Sublett Rt Malta Idaho 83342

Telephone No. 645-2411

4. Source of Water: Well

5. Extent of Use:

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

Irrigation 350 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 6 cfs 600 acre-feet

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

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

William T. Nelson
(Name)

Sublett Rt Malta Idaho 645 2411
(Address) (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 1, 1987 Merrell A. Nelson
Date Signature of Permit Holder (and title, if appropriate)

CALCULATION OF NEW PRIORITY DATES
 LATE EXAM FEES

FOR PERMIT NO. *17-7076*
 BY: *Kay Walker*
1/21/88

	DATE	NUMBER OF DAYS (From Table of Days Between Two Dates)	
A. EXAMINATION FEE NOTICE SENT	<i>12-8-86</i>	<u>342</u>	<i>23 days '86</i>
B. DATE FEE DUE (60 days)	<i>2-6-87</i>	<u>37</u>	<i>37</i>
C. DATE FEE RECEIVED	<i>5-18-87</i>	<u>138</u>	<i>(60)</i>
D. NUMBER OF DAYS LATE (C - B)		<u>101</u>	
E. ORIGINAL PRIORITY DATE	<i>12-29-75</i>	<u>363</u>	<i>2 days '75</i>
F. NEW PRIORITY DATE (D + E)	<i>4-6-76</i>	<u>464</u> - 363 <u>99</u>	<i>96 days '76</i> <i>99 ← 99</i>

REMARKS:

17-7076

INTER-DEPARTMENT MEMO — 1

DATE 5/4/87

FROM

EW

TO

File

SUBJECT

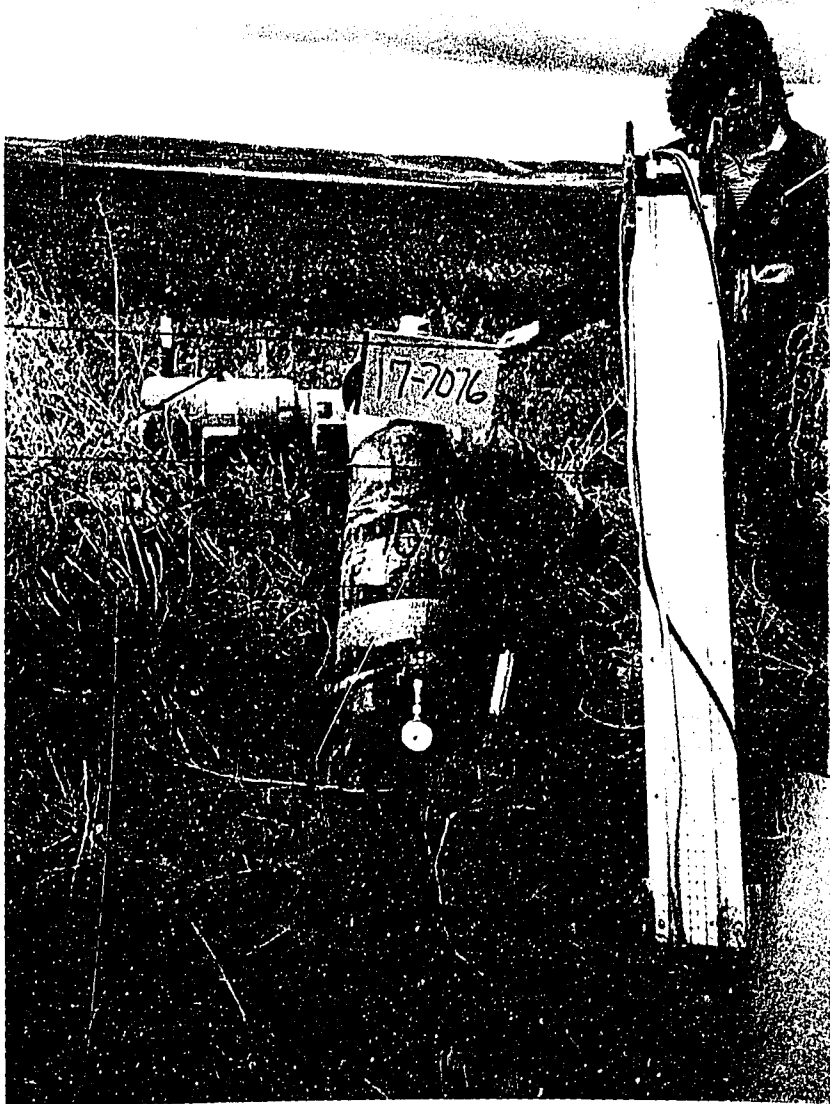
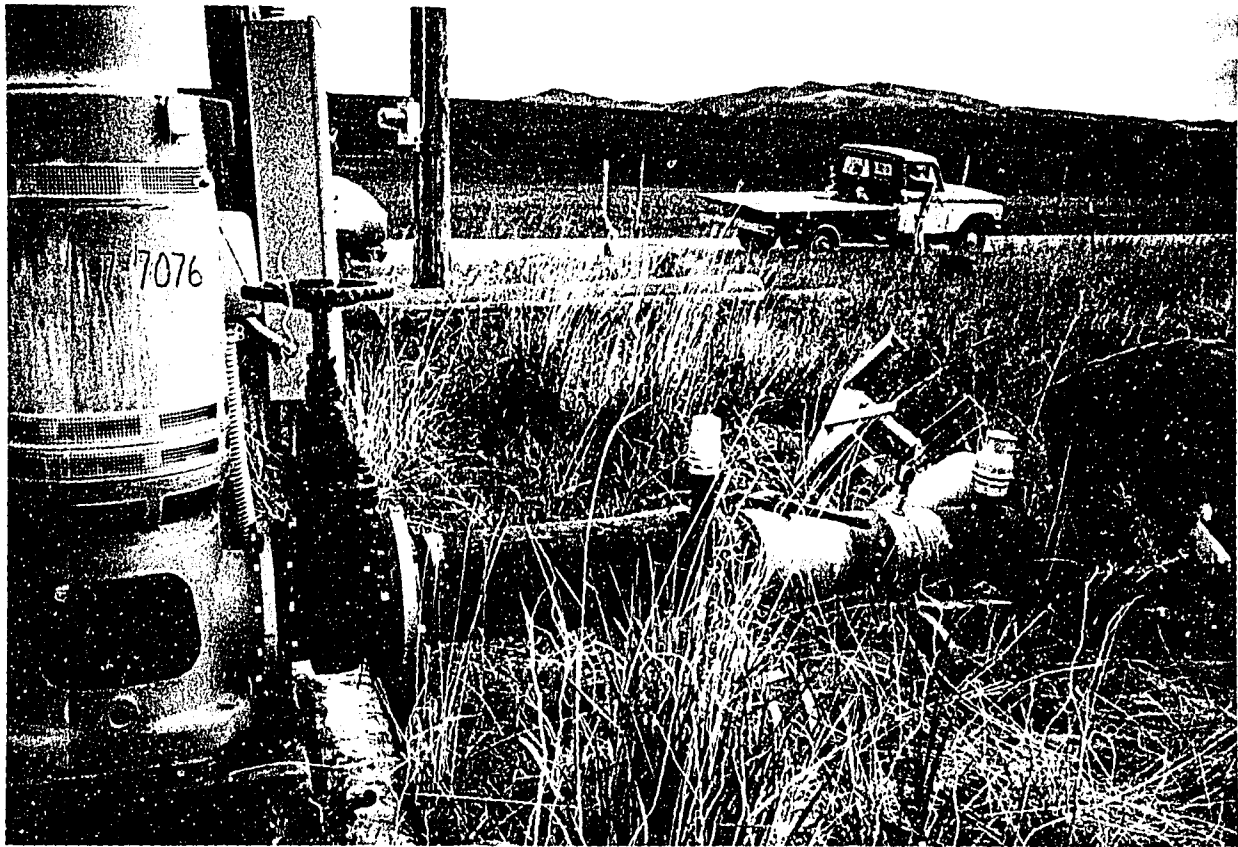
Exam Fee 17-7076

*Mr. Bill Nelson, Son of permittee called regarding fee.
Explained process and gave him list of Certified examiners.
He stated this summer he will have electricity right
to 10:00AM. Schedule exam accordingly—*

(Phone 645-2411)

EW
SIGNATURE

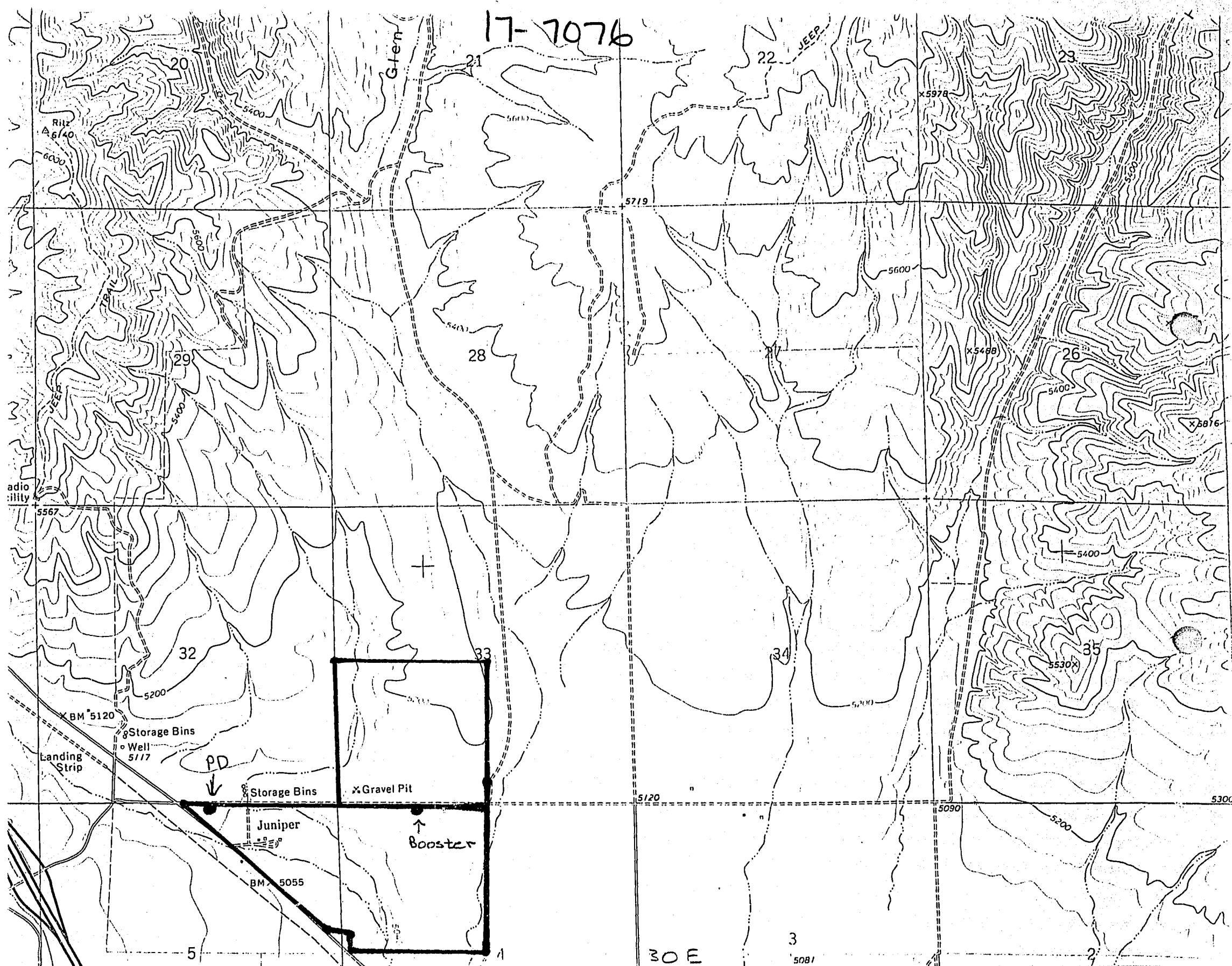
17-7076

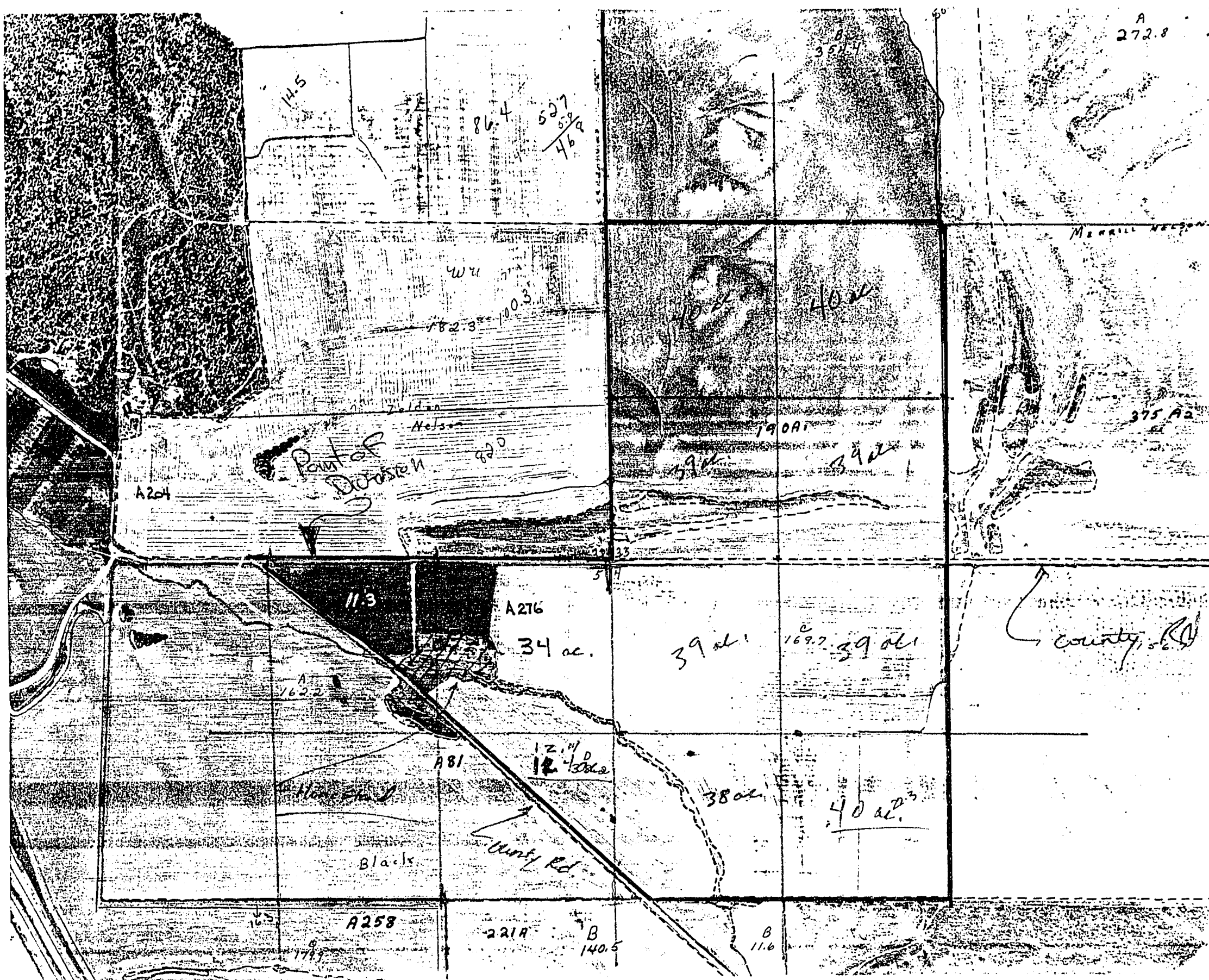


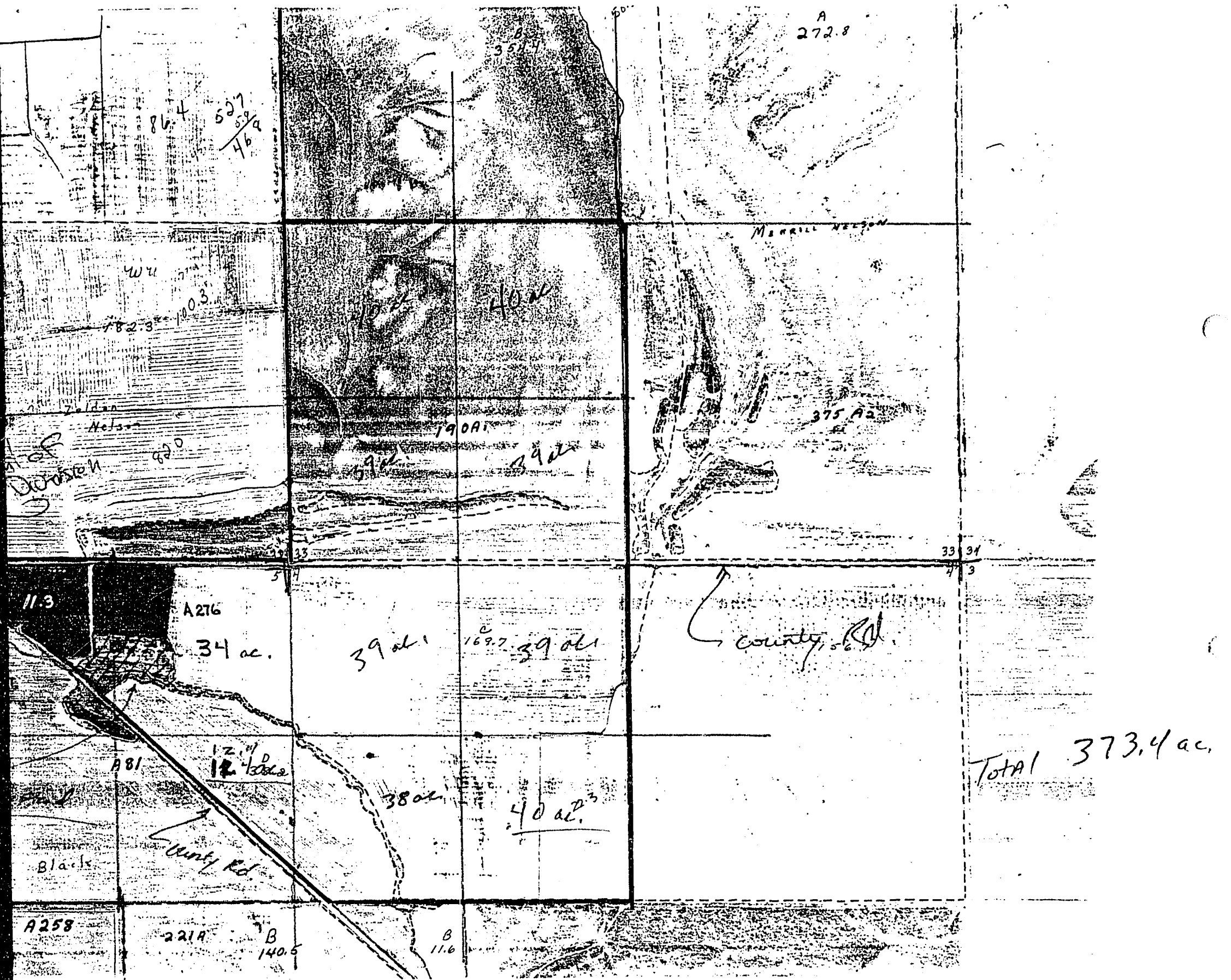
↑ main
system
(line 1)

booster system
(line 2)

For Clarity of
Photographs Filmed
Please See File







STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

17-7076
Permit No.

Measurement Calculations

Field Measurement Calculations (Include theoretical capacities and system capacity)

Halls Meter: $Q = (A)(V_h)$ $A = \text{Area} = \frac{\pi d^2}{4}$ $V_h = \text{Halls Manometer Reading}$

$$Q_{\text{gpm}} = (A)(V_h) = \left[\frac{\pi d^2}{4} \right] (V_h) = \text{GPM} \div 448.8 \text{ gpm/cfs} = \text{CFS}$$

$$Q_{\text{cfs}} = \left[\frac{(3.1416)(\quad)^2}{4} \right] \times \left[(\quad) \right] \div 448.8 = \quad \text{cfs}$$

TABLE 1

CHART TO CONVERT LINEAR INCHES DIFFERENTIAL
IN THE MANOMETER TO MANOMETER READING

$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water	$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water	$V_h = \text{HALLS}$ Manometer Reading	Diff. Inches of Water
1	.140	17	12.435	33	43.950
1.5	.240	17.5	13.132	33.5	45.200
2	.350	18	13.848	34	46.500
2.5	.470	18.5	14.582	34.5	47.850
3	.600	19	15.336	35	49.200
3.5	.750	19.5	16.108	35.5	50.550
4	.903	20	16.898	36	51.900
4.5	1.080	20.5	17.707	36.5	53.250
5	1.283	21	18.534	37	54.600
5.5	1.540	21.5	19.380	37.5	56.000
6	1.803	22	20.246	38	57.35
6.5	2.094	22.5	21.129	38.5	58.7
7	2.397	23	22.031	39	60.05
7.5	2.722	23.5	22.951	39.5	61.4
8	3.066	24	23.891	40	62.75
8.5	3.428	24.5	24.849	40.5	64.1
9	3.810	25	25.825	41	65.45
9.5	4.210	25.5	26.820	41.5	66.8
10	4.627	26	27.834	42	68.15
10.5	5.063	26.5	28.866	42.5	69.5
11	5.520	27	29.917	43	70.85
11.5	5.994	27.5	30.987	43.5	72.2
12	6.486	28	32.075	44	73.55
12.5	6.997	28.5	33.181	44.5	74.9
13	7.526	29	34.307	45	76.25
13.5	8.074	29.5	35.451	45.5	77.6
14	8.642	30	36.610	46	78.95
14.5	9.228	30.5	37.785	46.5	80.3
15	9.832	31	38.960	47	81.65
15.5	10.454	31.5	40.200	47.5	83.00
16	11.096	32	41.450	48	84.35
16.5	11.756	32.5	42.800		

Annubar:

B = Difference in inches of water

C = Annubar Factor: Model 75 = 3.85
Model 73 = 4.14

K = Flow Correction Factor
= 1 for Manometer
= # From Calibration Chart

Line 2

$$Q_{\text{cfs}} = \left[\frac{(C)(id)^2 \sqrt{B}}{448.8} \right] K = \text{CFS}$$

$$Q_{\text{cfs}} = \left[\frac{(3.85)(7.875)^2 \sqrt{31}}{448.8} \right] (1) =$$

Line 1 $Q_{\text{cfs}} = 2.96 \text{ cfs}$

$$Q = \left[\frac{(3.85)(10)^2 \sqrt{5.5}}{448.8} \right] (1)$$

$Q = 2.01 \text{ cfs}$

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 17-7008A(part) Priority September 15, 1970 Amount 4.01 cfs

THIS IS TO CERTIFY, that MERRELL A. NELSON
of Logan, Utah, has complied with the terms and conditions of Permit
No. 17-7008 (part) issued pursuant to Application for Permit dated September 15, 1970,
and has submitted proof to the Department of Water Resources on July 29, 1975,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 4.01 cfs of water from a groundwater source,
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Irrigation</u>	from <u>April 1</u> to <u>October 31</u>	at <u>4.01</u> cfs and	<u>794.5 acre feet</u>
<u>Stockwater</u>	from <u>January 1</u> to <u>December 31</u>	at <u>0.02</u> cfs and	<u>.13 acre feet</u>
_____	from _____ to _____	at _____ cfs and	_____

(both dates inclusive)

Subject, however, to the condition that no more than 4.01 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
794.63 acre feet per year, said waters to be diverted within the NW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 5, Twp. 15S,
Rge. 30E, B. M. in the County of Oneida

Description and location of place of use:

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			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 $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
15S	30E	4					39	39	39	40									157
		5	36	X (Stockwater) 18		16													70

Total number of acres irrigated 227

A measuring device of a type approved by this Department shall be maintained as
part of the diverting works.

NOTE: Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho
Code, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

The right to the use of the water hereby confirmed is restricted and appurtenant to the lands or place of use
herein described, as provided by the laws of Idaho.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 8 day of
May, 19 78.

Director

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer
within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name Merrell A. Nelson
Address 164 South 3rd West Logan, UT.
Owner's Permit No. 17-7008

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandonment)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 18 inches Total depth 275 feet
Casing schedule ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>3/8</u> inches	<u>18</u> inches	<u>0</u> feet	<u>253</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☒ Knife ☐ Torch
Size of perforation 3/8 inches by 3 inches
Number 200 perforations 91 feet 253 feet
_____ perforations _____ feet _____ feet
_____ perforation _____ feet _____ feet

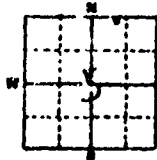
Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 18 feet
Material used in seal ☐ Cement grout ☒ Pudding clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Oncida
NW 1/4 NE 1/4 Sec. 5, T. 15 N. R. 30 E.

7. WATER LEVEL

Static water level 21 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ F. Quality _____
Artesian closed in pressure _____ P.S.I.
Controlled by ☐ Valve ☐ Curb ☐ Plug

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Other
Discharge G.P.M. _____ Static Depth _____ Hours Pumped _____
15.5 22.5 4
200 15.5 4
200 15.5 4
200 15.5 4

9. LITHOLOGIC LOG

State	Depth	Material	Notes
Down	From	To	
18"	0	275	
	0	5	Gravel
	5	45	Mixed Gravel
	45	113	Green Shale
	113	160	Green Shale Hard
	160	216	Grey Brackish Limestone
	216	245	Hard Grey Limestone
	245	253	Mixed Gravel
	253	275	Grey Gravel & Clay

10. Work started Apr. 1974 finished May 1975

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

John H. Drilling Co. 294
Driller's License 83236
John H. Drilling Co. May 22, 1975

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WELL, CASE, AND PUMP CLIPS TO THE DEPARTMENT

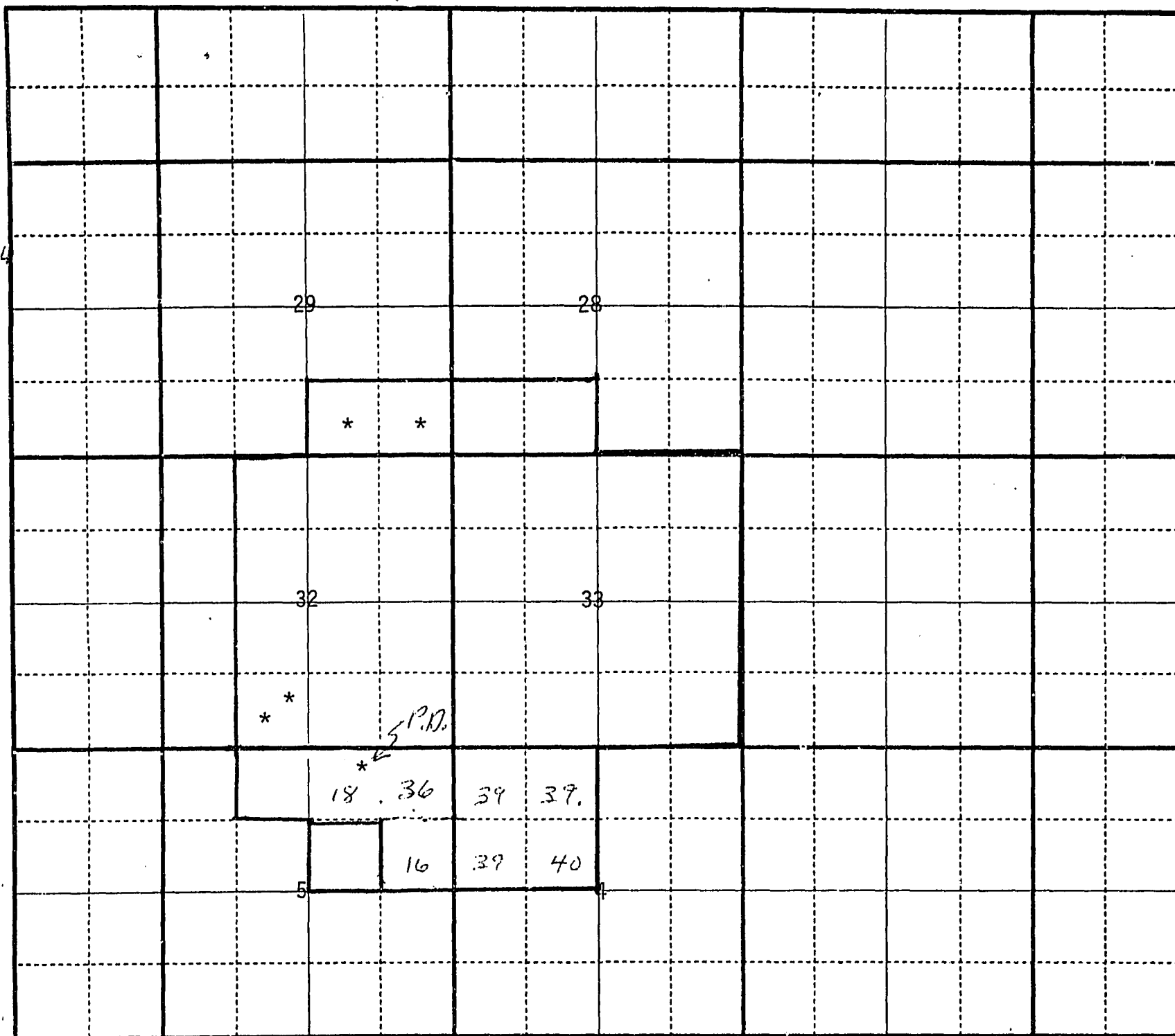
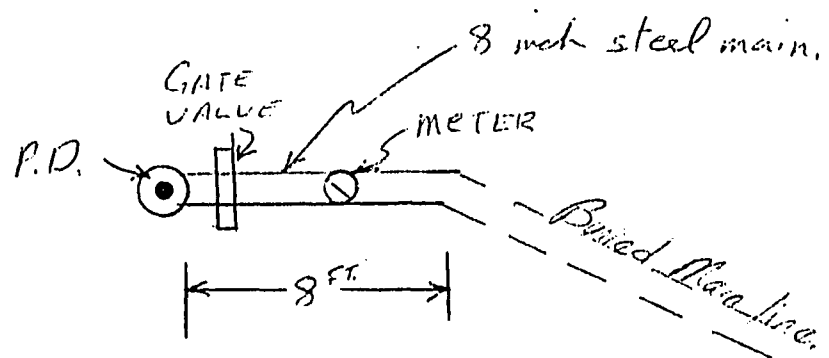
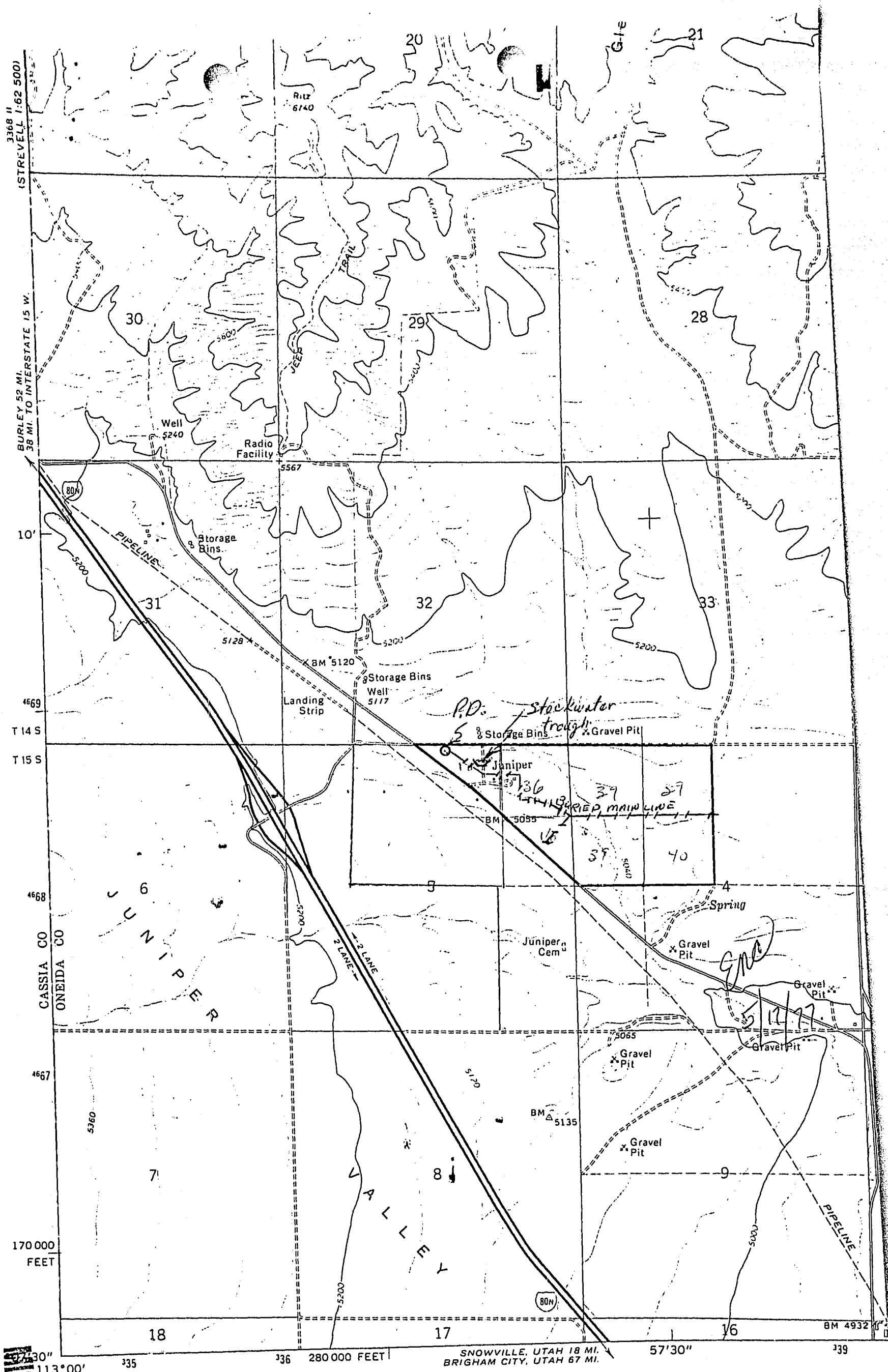


Diagram of System

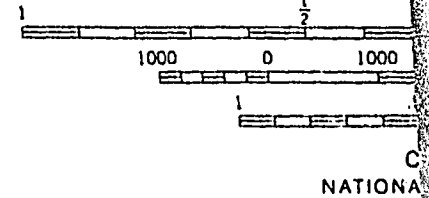
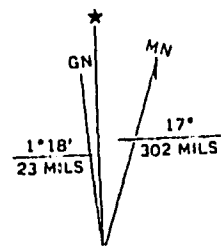


enc
5/17/77



113°30' 113°00'

Mapped, edited, and published by the Geological Survey
 Control by USGS and NOS/NOAA
 Topography by photogrammetric methods from aerial
 photographs taken 1971. Field checked 1973
 Projection and 10,000-foot grid ticks: Idaho coordinate
 system, east zone (transverse Mercator)
 1000-metre Universal Transverse Mercator grid ticks,
 zone 12, shown in blue. 1927 North American datum
 Fine red dashed lines indicate selected fence lines



NATIONAL

DATE OF EXAM 5/17/77

ACREAGE

Found 227

Recommended 227

Irrigation Requirement 3.5 Ac Ft/Ac

USE

Irrigation Q = 4.01 c.f.s. V = 794.5 AF/Ann. from April 1 to Oct 31

Domestic Q = c.f.s. V = AF/Ann. from to

Livestock Q = .02 c.f.s. V = .13 AF/Ann. from May 1 to Aug 31

4.01 794.63

Is water co-mingled? yes no ✓

Name source:
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Exchange? yes no ✓

Name source exchanged with:
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Point of injection: N/A
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Point of exchange: N/A
twp. N/S, Rge E/W, B.M., Sec. , Sub. 1/4 1/4 County

Total Q measured 4.01 Method of measurement IN LINE METER

Total Q recommended 4.01 Meter No Missing Type Flow Control Condition STP

Total V recommended 794.63

Recommended Amendments:

P.D.
Place of Use ✓ See rough draft amendment
Other
None

MEASUREMENT CALCULATION:

$Q = 1800 \text{ gal} / 40 \text{ sec} = 1800 \text{ gpm} \div 448.8 \text{ gpm/cfs} = 4.01 \text{ cfs}$

$V = 3.5 \times 227 = 794.5$ or $4.01 \times 1.9835 \times 214 = 1707.12$

SYSTEM DESCRIPTION:

150 HP 3 phase, U.S. MOTOR SERIAL # C26X4-D1-617 1" LINE & COOLER
PUMP SERIAL # 801572 EIGHT INCH STEEL MAIN EXTENDS 8 FT EAST OF
WELL & CONNECTS TO BURIED MAIN.

REMARKS:

MERRILL NELSON Accompanied agent during exam. Stock water
Trough located in hay field NW & NE 1/4 Sec 5, water 20 head of
livestock from May 1 to Aug 31.

Examiner's Signature Ernest M. Carlson Date 5/17/77

Checked by Anthony R. Kizlowski Date Jan 11, 1978

Approved by Date

Permit 17-7076 P.D. overlap

Total Flow - 4.97 cfs

Total acres in System - $\frac{158}{373} + \frac{227}{158}$ From license 17-7008 A) 385

Rate of Irrig for entire system - 0.0129 cfs/acre ✓

Rate per acre under 17-7008 A - 0.0176 cfs/acre ✓

* Exclude all Land under 17-7008 A From new Licensing Recommend ✓

158 new acres x current rate (0.0129 cfs/acre) = 2.04 cfs

* 2.04 cfs recommended for licensing with a condition
That the maximum combined rate of diversion under this right &
Right 17-7008 A shall not exceed 4.97 cfs.

ZKJ

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
MAR 18 1988

Department of Water Resources

A. GENERAL INFORMATION

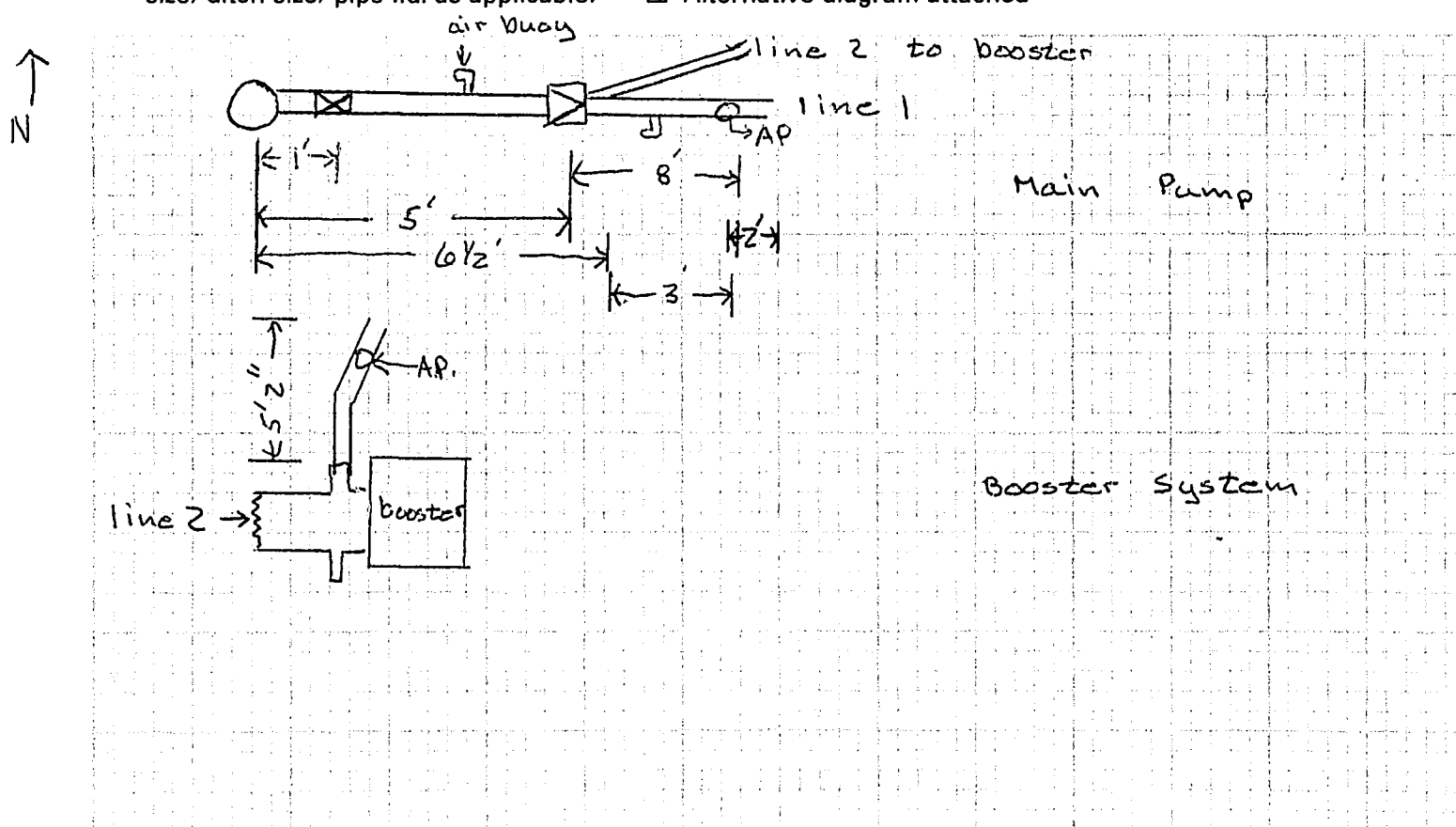
Permit No. 17-7076
1. Owner: Merrell A Nelson & Sons Phone No. 645-2411
Current Address: Sublett Route, Malta, Id 83342
2. Accompanied by: Bill Nelson EXAM. DATE: 5-28-87
Address: Sublett Route, Malta Id Phone No. 645-2411
Relationship to Permit Holder: Son
3. Source: groundwater tributary to NA

B. OVERLAP REVIEW

1. Other water rights with same place of use: NA
☐ Copies Attached
2. Other water rights with same point of diversion: NA 17-7008A
☐ 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" = No Scale

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).

System Description (continued)

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

well and pump with booster approximately
one mile east; 12 quarter mile handlines
(only 9 hooked up at time of exam)
1 3/16" rainbirds on all lines

well depth = 280' static water level = 30'
drawdown = 90'

☐ 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
main motor/pump	GE	200	BY56206114	Aurora	
booster	Marathon	50	1371391	Berkely	28411677

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	NE	5	14S	30E	Oneida	USGS
						15S			

6. Place(s) of Use:

Indicate Method of Determination aerial photo

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
14S	30E	33									40	40	39	39					158
15S	30E	4					39	39	38	40									156
		5	34	13		12													89
																			373

158 acres

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
annubar				191138	7.981	
manometer					57"	

2. Measurements:

Line 1 pressure = 44 psi ID = 7 7/8" manometer = 31"

Line 2 pressure = 40 psi ID = 10" manometer = 5.5"

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

~~4.97~~ ^{5 cfs} (See Calculation Sheet) 4.97 capacity but limited to 2.04 cfs by overlap recur. HWT

2. Alternate Method for Checking Purposes:

$$Q = \frac{(200)(8.814)(.82)}{(120) + (2.308)(44)} + \frac{(250)(8.814)(.82)}{(120) + (2.308)(40)}$$

$$Q = 15 \text{ cfs}$$

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) ÷ 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:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 158 \text{ acres} \times 3.5 = 553 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 2.04 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 865.9$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 553 \text{ af}$$

2. Volume Calculations for Other Uses:

H. REMARKS AND OVERLAP REVIEW ANALYSIS

See attached sheet ref Water Right 17-7008A with overlapping P.D.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion		Annual Volume V (afa)
	From	To	2.04 ~~4.97~~	Q (cfs) 4.9 5.0	
Irrigation	April 1	Nov 1			1305.5 553
			Totals:	~~4.97~~ 2.04 cfs	~~1305.5~~ 553 afa

2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

J. AUTHENTICATION

Field Examiner's Name Rich Lennon Carol Slaughterbeck SAM FILETTI
 Signature Richard Lennon Carol Slaughterbeck Sam Filetti
 Certification Date 8-4-1987
 Field Report Preparation Date 6-1-87

CONSULTANT SEAL

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

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No. _____

1. Measurement Calculations

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

$$\begin{array}{l} \text{line 1} = 2.96 \\ \text{line 2} = 2.01 \\ \hline 4.97 \text{ cfs capacity} \end{array}$$

- b) Volume Calculations for Irrigation:

$$\begin{array}{l} V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.5 = 553.0 \text{ AFA} \\ V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 865.9 \\ V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \end{array}$$

- c) Volume Calculations for Other Uses:

2. Overlap Review

- a) Other water rights with same place of use: 17-7008A, 17-7123
13-7345(?)

- b) Other water rights with same point of diversion: 17-7008A, 17-7123

- c) Analysis:

17-7123 - protested app., no overlap -
13-7345 - data entry error - routed
for correction
17-7008A - Lic., gw, same pld per
exams (see identified on quad attachments
in exams) - see Overlap analysis
prepared by H.W. Jones attached to
exam -

pd. #225.00
exam fee
late

RECOMMENDED AMOUNTS

10 day ~~30 day~~

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity
	17-7076	4-6-1976	2.04 cfs	11-25-1975	5-5-1983	4.97 cfs

4. Permit Holder: Merrell A. Nelson

Address: Sublett Rt., Malta, ID 83342

5. Source: gw tributary to _____

6. Beneficial Use: Irrig. Period of Use: From 4-1 To 11-1 Rate of Diversion: 2.04 cfs Annual Volume: 553.0 AFA

Allowable Maximums: 2.04 cfs 553.0 AFA

7. Point(s) of Diversion: ☒

No.	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County
			NW	NE	5	155	30E	Oneida

8. Place(s) of Use: ☒

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
145	30E	33									40	40	39	39					158
155	30E	4					39	39	38	40									156
155	30E	5					13												59
																			158
Total Acres																			373

9. Recommended Conditions/Remarks: *corrections due to overlap analysis -

R17(17-7008A, 4.97 cfs)

Needs an Order advancing priority date due to late exam fee submittal.

10. 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 _____

11. Examiner's Signature _____

Date _____

Checked in Regional Office by _____

Date _____

Approved in State Office by R. Walker

Date 4/18/88

November 2, 1988

MERRELL A. NELSON
SUBLETT RT.
MALTA, ID 83342

RE: PERMIT NO. 17-07076

Dear Permit Holder(s):

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

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

Also enclosed is an order advancing the date of priority of this right due to late submittal of the examination fee.

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

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

December 13, 1988

MERRELL A. NELSON
SUBLETT RT.
MALTA, ID 83342

RE: PERMIT NO. 17-07076

Dear Permit Holder(s):

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

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure