

Identification No. 17 7078

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

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

APPROVED

1. Name of applicant Joseph W. &/or Alma P. Larkin Phone: 801-872-8102
post office address Snowville, Utah 84336
2. Source of water supply ground water which is a tributary of _____
3. a. Location of point of diversion is SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 22 Township 16S
Range 32E B.M. Oneida County; additional points of diversion if any: _____

- 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 3.20 for Irrigation purpose from Apr. 1 to Oct. 15 (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. 3.20 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. _____

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is 16 inches; proposed depth of well is 300 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 \$ 40,000.00.
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:

[illegible]

Total number of acres to be irrigated 160

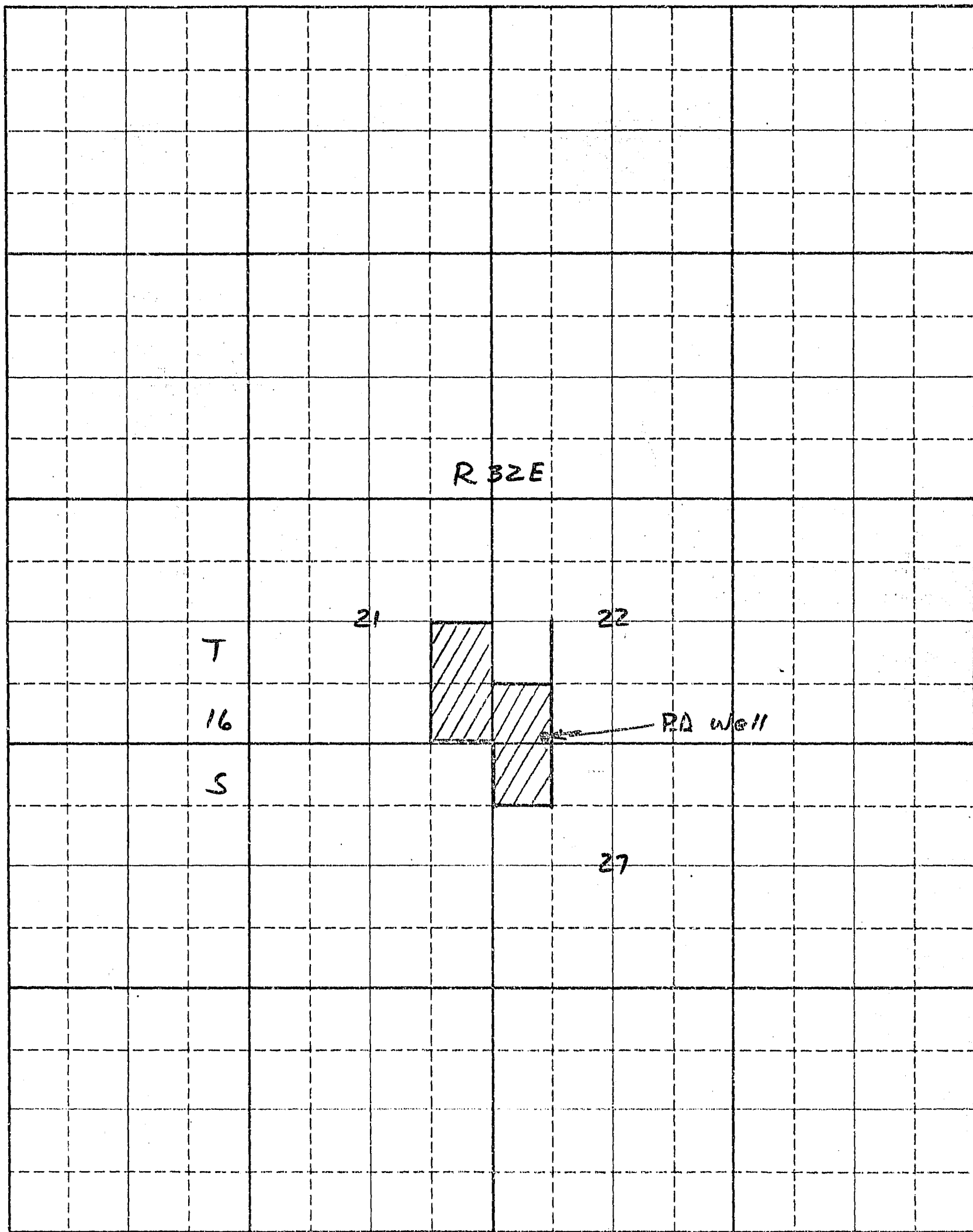
c. Describe any other water rights used for the same purposes as described above.

Delmore Canal Co. on the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 21, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 22, T. 16S, R. 32E

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 .

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.

Joseph W. Larkin
(Applicant)

Proposed Priority 1-30-76

Received by me Date 1-30-76 Time 4:34 p.

Preliminary check by JN Fee \$ 55.00

Receipted by me Date 1-30-76 # 13587

Publication prepared by me Date 2-06-76

Published in The Idaho Interpreter

Publication dates 2-18-76 + 2-19-76

Publication approved OW Date 2-24-76

Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by DET

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

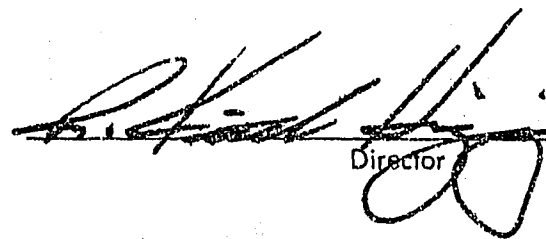
This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 17-7078, and said application is hereby APPROVED.

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, 1981.
- c. Other: 1. A measuring device of a type approved by the Director shall be permanently installed and maintained as part of the diverting works. 2. No more water may be diverted under this permit, when combined with other rights appurtenant to the lands in question, than one miner's inch for acre of land served.

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

Witness my hand this 15 day of April, 19 76.


Director

RECEIVED

FEB 24 1976

Department of Water Resources
Eastern District Office

NOTICE OF APPLICATION
FOR WATER PERMIT

NOTICE IS HEREBY GIVEN that Joseph W. & or Alma P. Larkin, Snowville, Utah have on 1-30-76 submitted Application No. 17-7078 for a permit to appropriate 3.20 cubic feet per second of water from a ground-water source by means of well and pump within the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 22, T. 16S, R. 32E, B.M., Oneida County; to be used from Apr. 1 to Oct. 15 for the irrigation of 160 acres within the E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 21, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 22, NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 27, T. 16S, R. 32E, 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 March 1, 1976.

R. Keith Higginson
Director

Published in the Idaho Enterprise, Malad City, Idaho on February 12 and February 19, 1976.

AFFIDAVIT OF PUBLICATION

State of Idaho
County of Oneida, ss.

Paula Heindel being first duly sworn on her oath, states: That she is Clark 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 12 day of Feb., 1976 the date of the last publication being the 19 day of Feb., 1976.

Paula Heindel

Subscribed and sworn to before me this 20 day of Feb., 1976.

H. H. Taylor
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. Larkin

well, pump and sprinkler system

- ☒ 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) MAH 2/4/76

In form to receipt Yes

(2) MAH 2/4/76

Send Copies to:

N/A

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

(3) MAH 2/4/76

LA 3-1-76

- ☒ Mike TATNIPSE
Request Special Use Permit from U.S.F.S. N/A
Request Easement from B.L.M.
Request Information from Applicant

(4) MAH 2/4/76

In form for advertising make above mention

(5) MAH 2/4/76

Platted on Map No. T165, R32E

(6) MAH 2/4/76

Located within Water District No. N/A

(7) MAH 2/4/76

Critical groundwater area: yes no X

(8) MAH 2/4/76

Groundwater levels:

Declining, Stable, Increasing

(comment) Obs Well T165 R32E Sec 27-1 Gnd Wgt Levels, Pt C

(9) MAH 2/4/76

Other rights on the same place of use No

(10) MAH 2/4/76

Comments: None

(11) MAH 2-24-76

Affidavit of Publication received (date) 2-24-76

(12) MAH 2/4/76

Final date for protests March 1, 1976

Protests received: yes no

(13) MAH 3-1-76

MA All requested information received from agencies or applicant: yes no

(14) " "

Action recommended:

Approve

Deny

1-30-76 Proposed Priority

Reason for Reduction

Measuring device required

No more water may be diverted under this permit, when combined with other rights appurtenant to the lands in question, than one minor's inch for each acre of land served.

See attached sheet for other conditions of approval

No special conditions for approval

(15) District E

By Loren D. Halpern Date 3-1-76

copy out 2-28-76

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Joseph W. &/or Alma P. Larkin,
Snowville, Utah
have
xxx on 1-30-76 submitted Application No. 17-7078
for a permit to appropriate 3.20 cubic feet per second ~~acres feet per annum~~
of water from a ground-water source
by means of well and pump
within the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 22, T. 16S, R. 32E, B.M., Oneida County;

to be used from Apr. 1 to Oct. 15
for the irrigation of 160 acres
within the E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 21, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 22, NW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 27, T. 16S, R. 32E, 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
March 1, 1976.

R. KEITH HIGGINSON

Director

Published in the Idaho Enterprise, Malad City, Idaho
on February 12 and February 19, 1976.

*Curry
AW-71*

February 6, 1976

RE: Applications for Permit No. 17-7078
Claim to a Water Right No. 15-4008

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 2-24-76 by lw

RDC:ME

Legal Notices (2)

March 1, 1976

RE: Application for Permit No. 17-7078 LARKIN

Mr. R. M. Turnipseed
Area Engineer
Division of Water Rights
Northern District Office
P.O. Box 381
Logan, Utah 84321

Dear Mike:

Enclosed is a copy of an application that may be of interest to your agency. The processing has been completed in the District Office, but it was not noted a copy was to go to you until today.

If you have any questions, please feel free to contact me.

Very truly yours,

LOREN O. HOLMES
Assistant Regional Supervisor

LOH:CH

Enclosure

April 16, 1976

Re: Permit No. 17-7078

Joseph W. &/or Alma P. Larkin
Snowville, UT 84336

Dear Mr. and Mrs. Larkin:

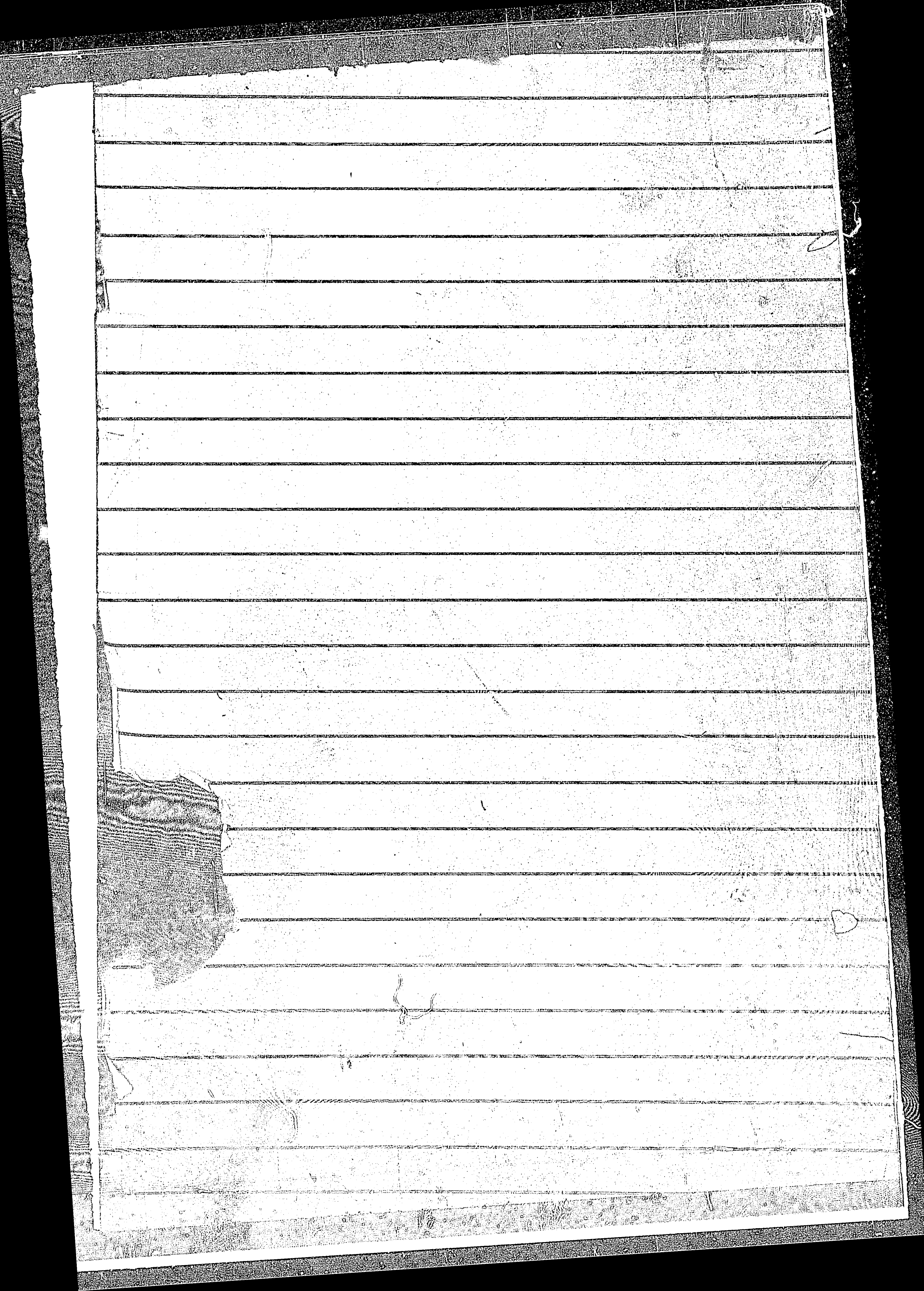
Enclosed is a copy of your approved Application for Permit No. 17-7078 . We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Sincerely,

BOBBY D. FLEENOR
Chief, Water Rights

Enclosure: Copy of permit



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 17-07078

Priority: January 30, 1976 Amount: 1.54 CFS 525.0 AFA

This is to certify, that JOSEPH W. LARKIN
ALMA P. LARKIN

SNOWVILLE, UT 84336 has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated January 30, 1976, and has submitted proof to the Department of Water Resources on March 2, 1981, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 1.540 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
IRRIGATION	04/01 to 11/01	1.54 CFS	525.0 AFA

LOCATION OF POINT(S) OF DIVERSION: SWSW , Sec. 22, Township 16S, Range 32E
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>
16S	32E	21	NESE 38	SESE 36		74
		22	SWSW 38			38
		27	NWNW 38			38

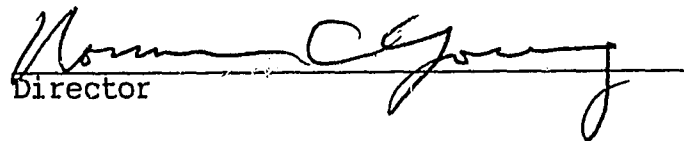
Total number of acres irrigated: 150

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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 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 21st day of April, 1989.

Acting for the Director

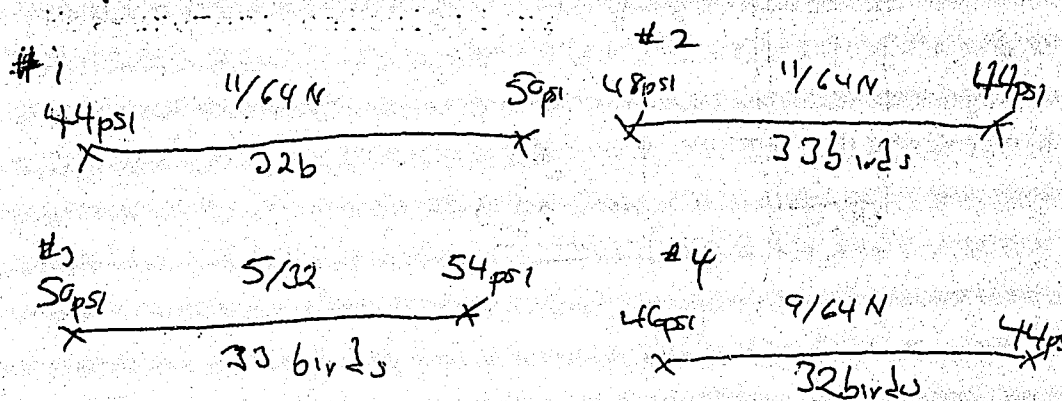


PERMIT: LZ-7078 (Name) Larky
 EXAMINATION: DATE: 8-24-82 Accompanied by: NA

Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No.
GE	60	H5J801426	NA	NA

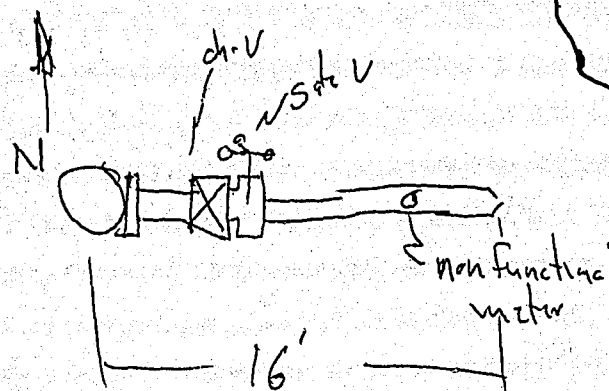
Measuring Device Type: Pitot gauge
 Meter # Annubar # Size #

Remarks: 4 wheel lines

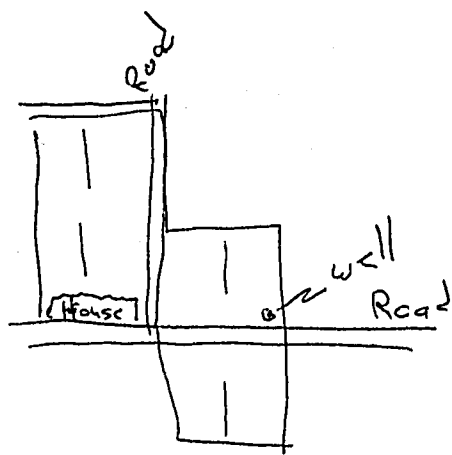


SCHEMATIC DIAGRAM OF SYSTEM

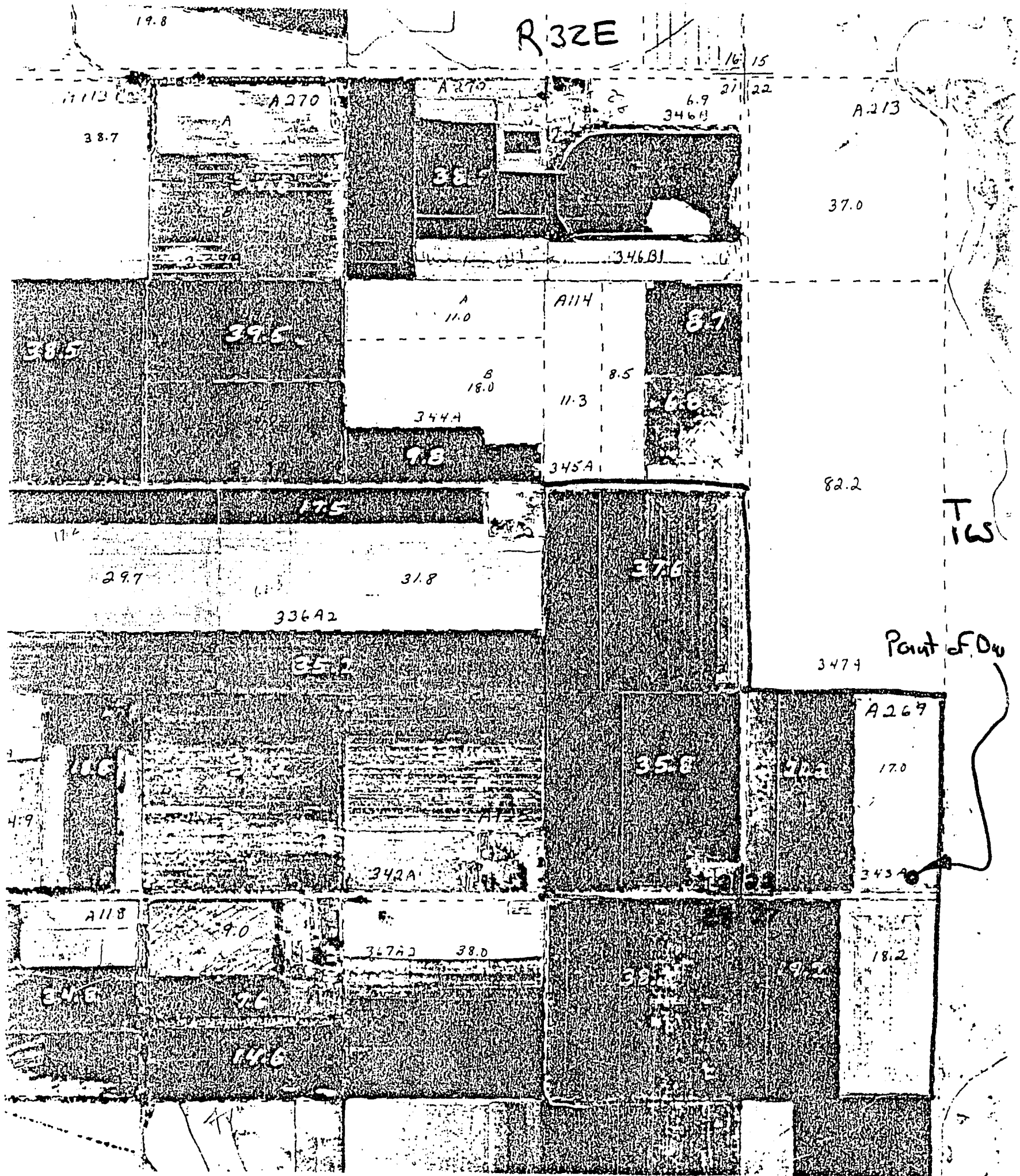
* Need maps - Possibly located in Tremonton ASCS & Box Elder County, Utah



* See location on Back



17-7078



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

17-7078
Permit No.

1. Measurement Calculations

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

Total $Q = 154$ cfs for 4 wheel lines

Calc. derived by $Q = 0.0665 \times d^2 (\text{nozzle}) \sqrt{\text{psi}} \times \text{number of Nozzles per line}$

- b) Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 150 \text{ acres} \times 3.5 \text{ cfs/a} = 525 \text{ cfs}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 154 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 653.6$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 525 \text{ cfs}$

- c) Volume Calculations for Other Uses:

2. Overlap Review

- a) Other water rights with same place of use: Canal company land list for Ddmore

Canal

- b) Other water rights with same point of diversion: None

- c) Analysis:

RECOMMENDED AMOUNTS

3.	Permit No.	Priority	Amount	App. Date	Date Proof Submitted	System Capacity

4. Permit Holder: _____

Address: _____

5. Source: _____ tributary to _____

[illegible]

Irrigation	4-1	11-1	1.54	5.25
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Allowable Maximums: 1.54 cfs 525 cfs

7. Point(s) of Diversion:

[illegible]

8. Place(s) of Use

[illegible]

9. Recommended Conditions/Remarks: _____

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 7.0. Jones

Date 12-7-87

Checked in Regional Office by E. S. Weiner

Date 12-7-87

Approved in State Office by Alexanne M. Fleming

Date 12/02/88

BEFORE THE DEPARTMENT OF WATER RESOURCES

OF THE

STATE OF IDAHO

IN THE MATTER OF CHANGING THE MEASURING
DEVICE REQUIREMENT FOR PERMIT NO. 17-7078

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,

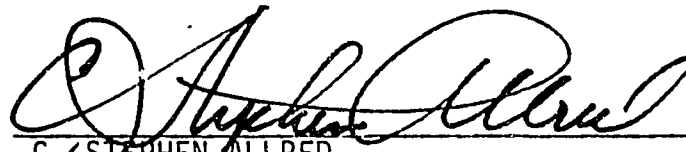
WHEREAS, the former condition required the permit holder to purchase and install a measuring device or hire a professional engineer to certify the rate of diversion; and,

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 18th day of August, 1978.


C. STEPHEN ALLRED
Director



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

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

July 28, 1980

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.

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

DRT:jg

Enclosures

Northern Region Office
Rt. #5 Box 203, Government Way
Coeur d'Alene, Idaho 83814

Eastern Region Office
1515 Lincoln Road
Idaho Falls, Idaho 83401

Southern Region Office
1041 Blue Lake Boulevard North
Twin Falls, Idaho 83301

Western Region Office
92 South Cole Road
Boise, Idaho 83705

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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

LARKIN, JOSEPH W. & ALMA P.
SNOWVILLE, UT 84336

1983-77

JANUARY 31, 1981

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 17-7078 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE APRIL 01, 1981. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF OF BENEFICIAL USE.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU HAVE NOT PREVIOUSLY RECEIVED AN EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME PROVIDED THE DELAY IS FOR REASONABLE CAUSE AS INDICATED IN SECTION 42-204, IDAHO CODE, AMENDED. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. A REQUEST FOR EXTENSION OF TIME FORM IS ENCLOSED FOR YOUR CONVENIENCE. PLEASE NOTE THAT A FEE OF \$15.00 MUST BE SUBMITTED WITH THIS FORM.

EITHER THE BENEFICIAL USE POST CARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE MENTIONED DATE, OTHERWISE, THE PERMIT WILL LAPSE AND BE OF NO FURTHER FORCE OR EFFECT WITHIN 60 DAYS.

SINCERELY,

RITA FLECK
SR. SECRETARY

ENCLOSURES

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. 17-7078.

Name(s) of Permit Holder: Joseph W. Larkin

Post Office Address:

Snowville, Utah 84336 Tel. No. 801-872-8102

Source of Water:

Extent of Use: ☐ Domestic _____ (number of households)
☐ Stockwater _____ (number and type of stock)
☒ Irrigation 160 (acres)
☐ Other _____

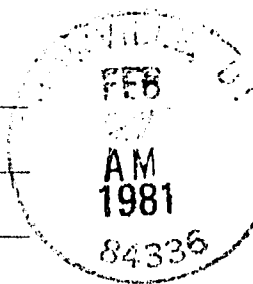
Measuring Device: Required? ☐ Yes ☐ No Installed? ☒ Yes ☐ No
Access Port: Required? ☒ Yes ☐ No Installed? ☒ Yes ☐ No

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

12-27-81
Date

Joseph W. Larkin
Signature of Permit Holder

Joe Larkin
Snowville
Utah 84336



Idaho Department of Water Resources

MAR 2 1981

RECEIVED



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

March 11, 1981

RE: Permit No. 1707078

Joseph W. Larkin
Snowville
Utah 84336

Dear Mr. Larkin:

We acknowledge receipt of the proof of beneficial use card submitted for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department. We cannot tell just when this examination will be made, but our examiner will try to contact you at the time he makes the examination so that you may show him the system.

If you have any questions regarding the field examination, please contact our eastern regional office.

Very truly yours,

HAROLD W. JONES
Sr. Resource Agent

cc: IDWR - State Office

State of Idaho
DEPARTMENT OF WATER RESOURCES
FIELD REPORT

RECEIVED
DEC 14 1987

17-7078

Permit No.

DEC 14 1987

CONTACT WITH PERMIT HOLDER

DATE _____

INITIALS

REMARKS

☐ Appointment letter mailed:

Department of Water Resources

☐ Telephone call made:
(List Telephone No. used)

☐ Appointment scheduled for:
(Date, time, location)

EXAMINATION

Date 8-24-1982 Accompanied by Mr. Larkin Total Q measured 1.54 cfs

If source is surface water, estimate total flow of source

Methods of measurement

Meets Permit requirements?

$$Q = 0.0665 \sqrt{2} \sqrt{PSI}$$

Measurement calculations:

$$\begin{aligned} \#1/Q &= 0.0665 \times 0.0295 \sqrt{47 \text{ psi}} = 0.01 \text{ cfs} \times 32 \text{ bwd} = 0.43 \text{ cfs} \\ \#2/Q &= 0.0665 \times 0.0295 \sqrt{46 \text{ psi}} = 0.01 \text{ cfs} \times 33 \text{ bwd} = 0.44 \text{ cfs} \\ \#3/Q &= 0.0665 \times 0.0244 \sqrt{52 \text{ psi}} = 0.01 \text{ cfs} \times 33 \text{ bwd} = 0.39 \text{ cfs} \\ \#4/Q &= 0.0665 \times 0.0197 \sqrt{45 \text{ psi}} = 0.008 \text{ cfs} \times 32 \text{ bwd} = 0.28 \text{ cfs} \end{aligned}$$
[illegible]

System Description well/pump to main line and 4 whet lms. Meter on
line not working.

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement =

AFA/Acre

USE

Q (cfs)

V (afa)

FROM

TO

Irrigation

1.54

525

41

11-1

Total

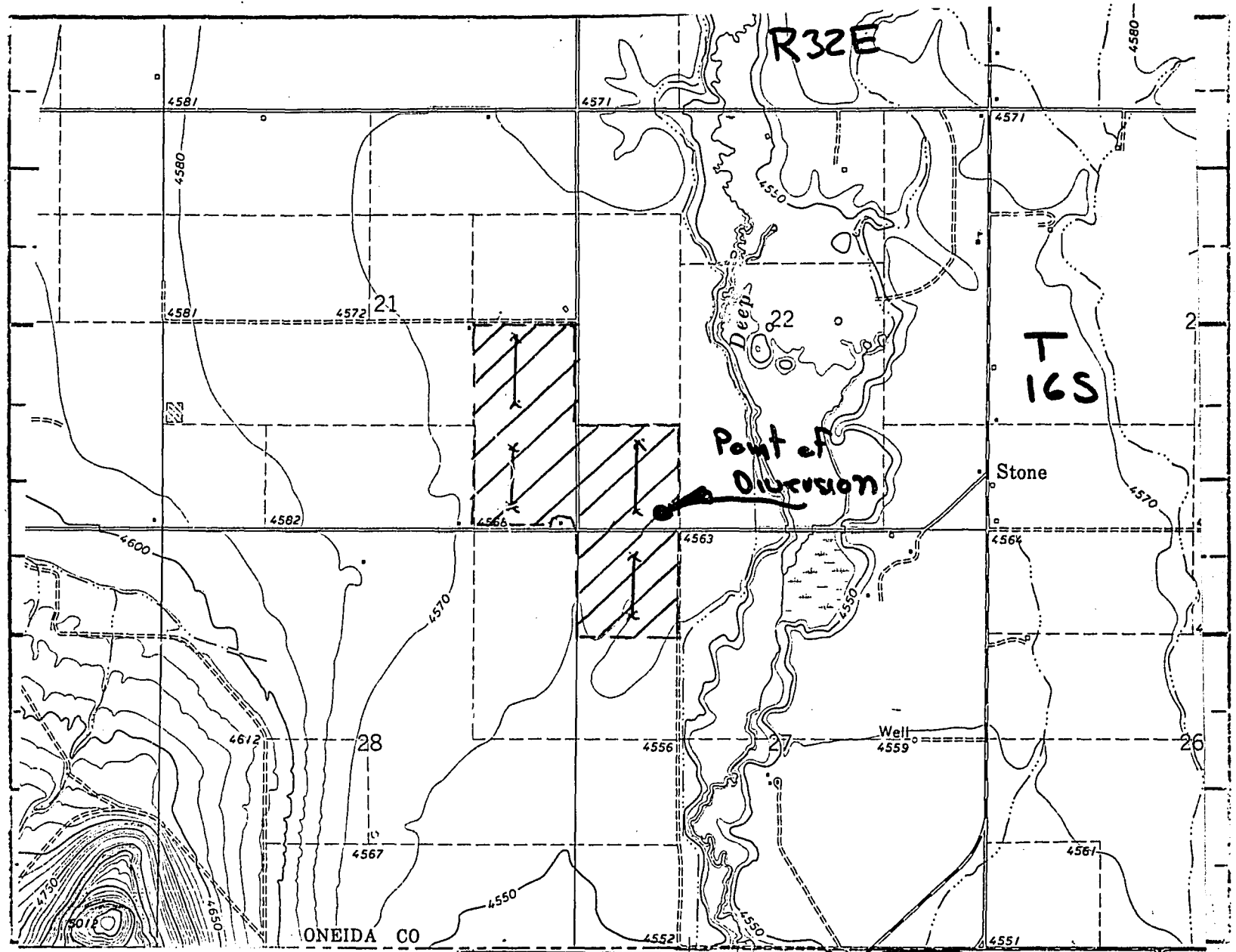
1.54 cfs

525 afa

Remarks

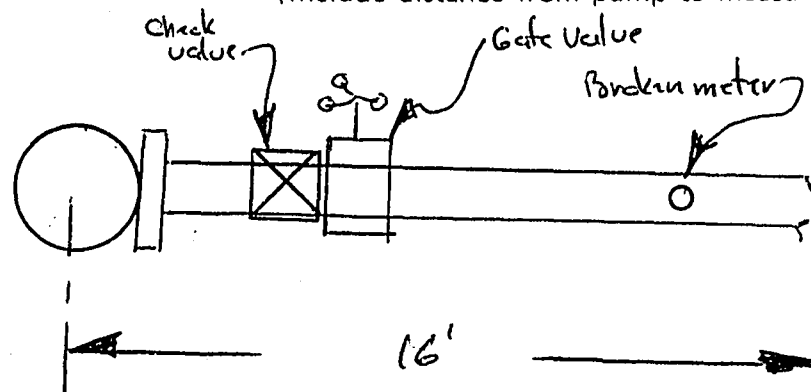
Exam write up held back due to inability to locate Air photos of ground. Maps finally located at Tremonton, Utah ASCS.

MAP (Attach Aerial Photo)



SCHEMATIC DIAGRAM OF SYSTEM

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



Point(s) of diversion: SW 1/4 SW 1/4 Sect. 22 T16S R32E

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	
16S	32E	22											38						38
		21													38			36	74
		27						38											38

TOTAL 150

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

Examiner's Signature H.W. Jones

Checked by ESU

Approved by _____

Date 12-7-87

Date 12-7-87

Date _____

POINT OF DIVERSION OVERLAP REVIEW

WR-NUMBER	TWP	RNG	SC	TRACT	LT	#SOURCE	#NAME
				1\4 1\4 1\4			
1707078	16S	32E	22	SW SW		GROUNDWATER	LARKIN, JOSEPH

March 4, 1989

JOSEPH W. LARKIN
ALMA P. LARKIN
SNOWVILLE, UT 84336

RE: PERMIT NO. 17-07078

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.

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

April 25, 1989

JOSEPH W. LARKIN
ALMA P. LARKIN
SNOWVILLE, UT 84336

RE: PERMIT NO. 17-07078

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