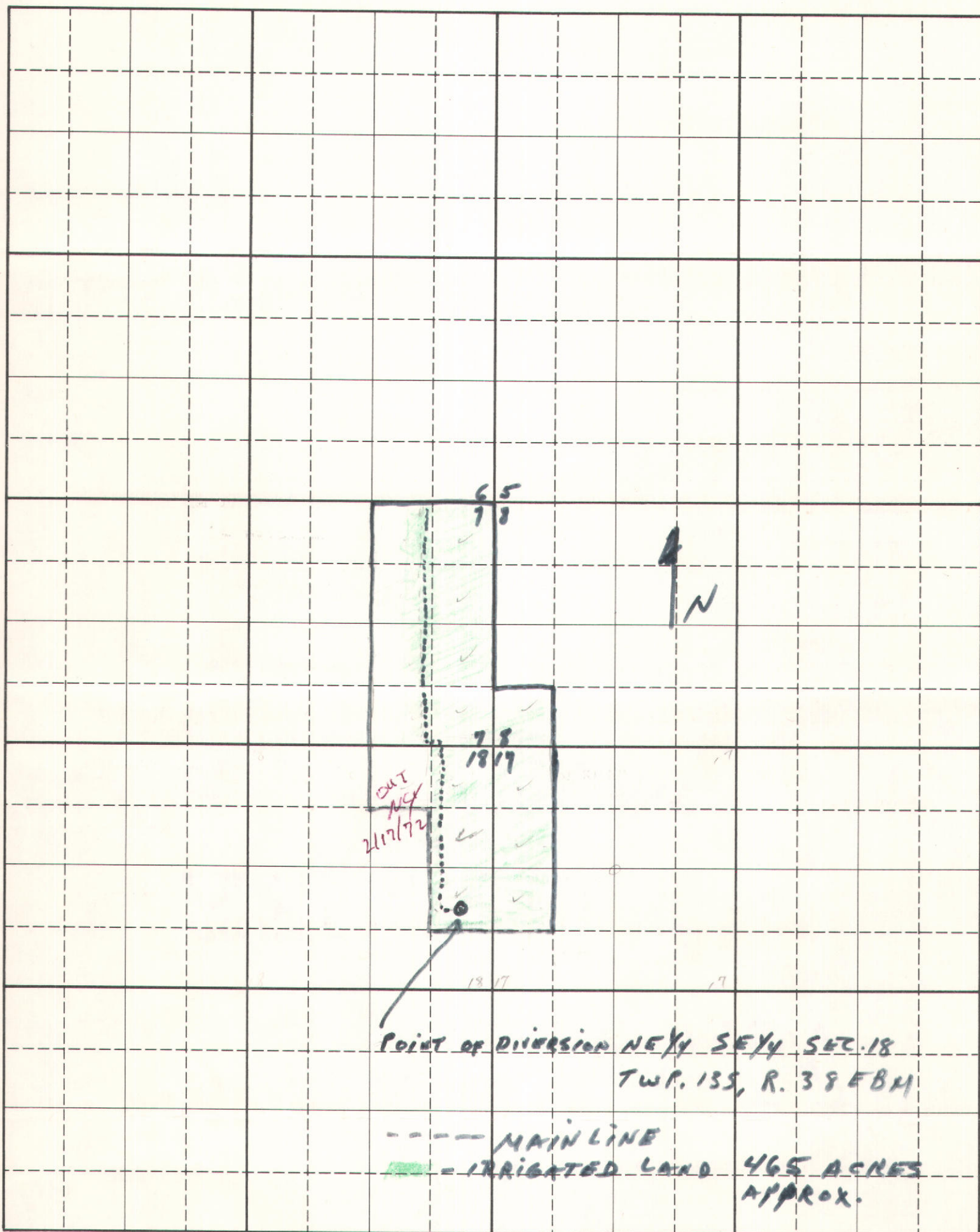


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

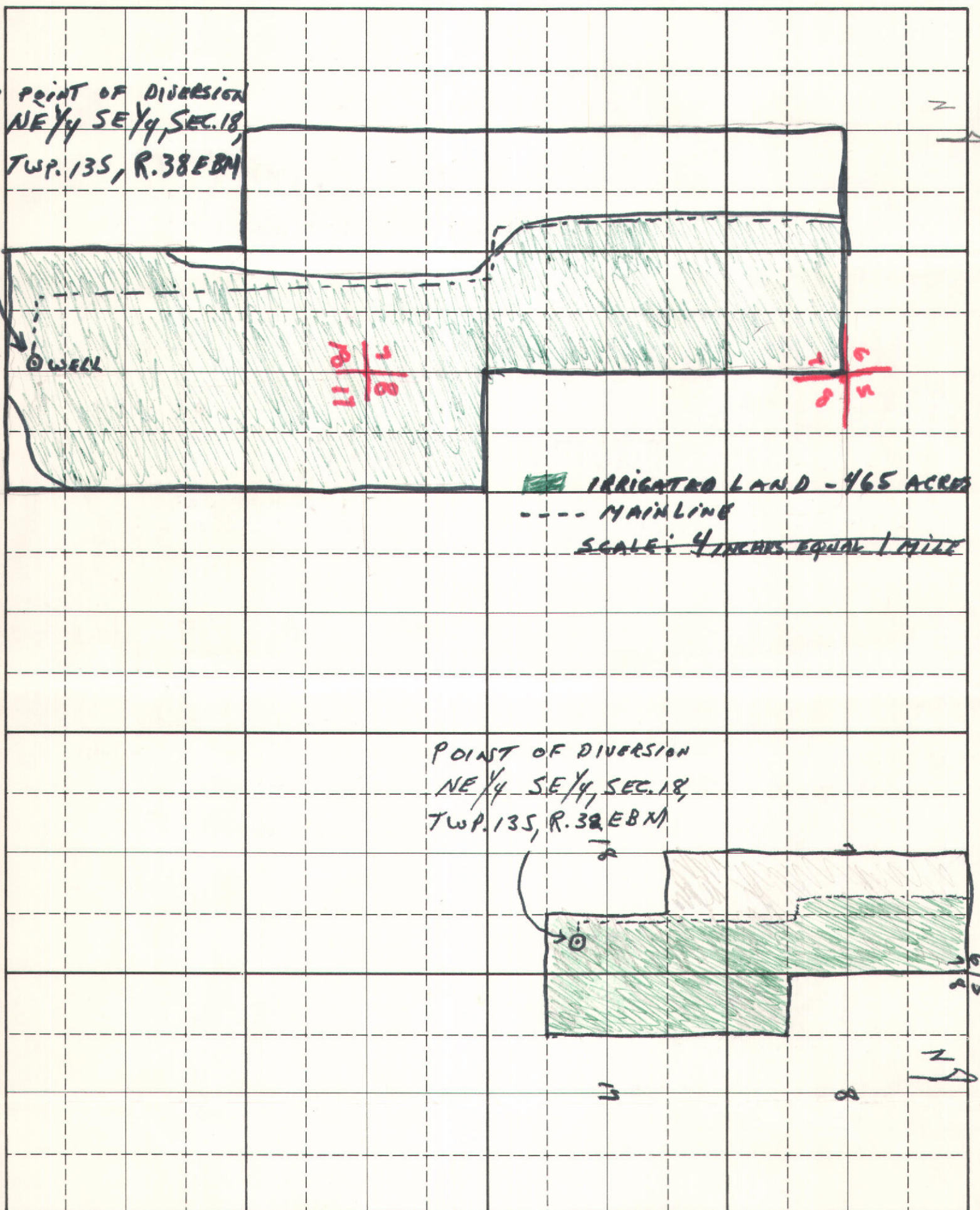


Scale: 2 inches equal 1 mile

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.

Langdon Lorenson
(Applicant)

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

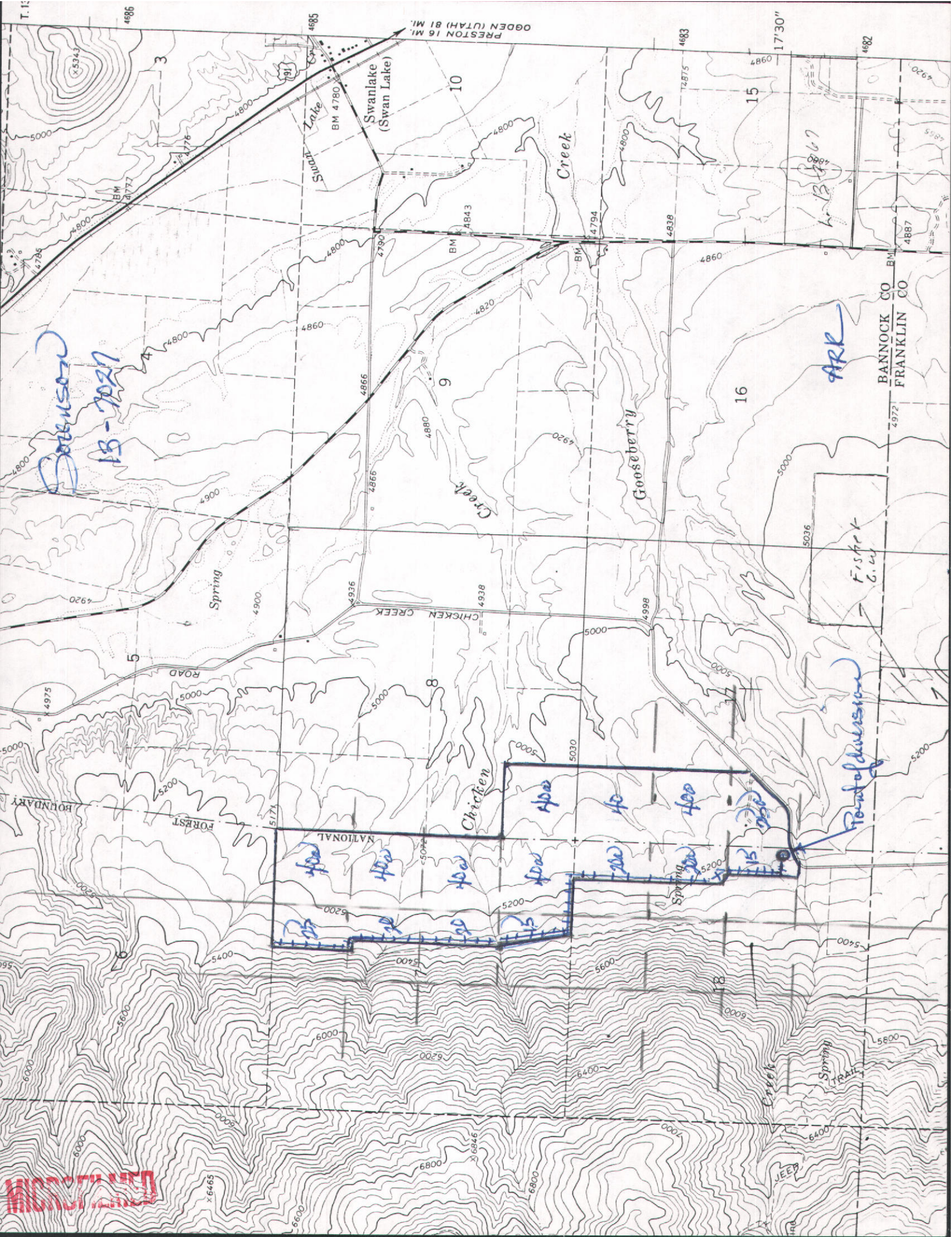


Scale: 2 inches equal 1 mile

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.

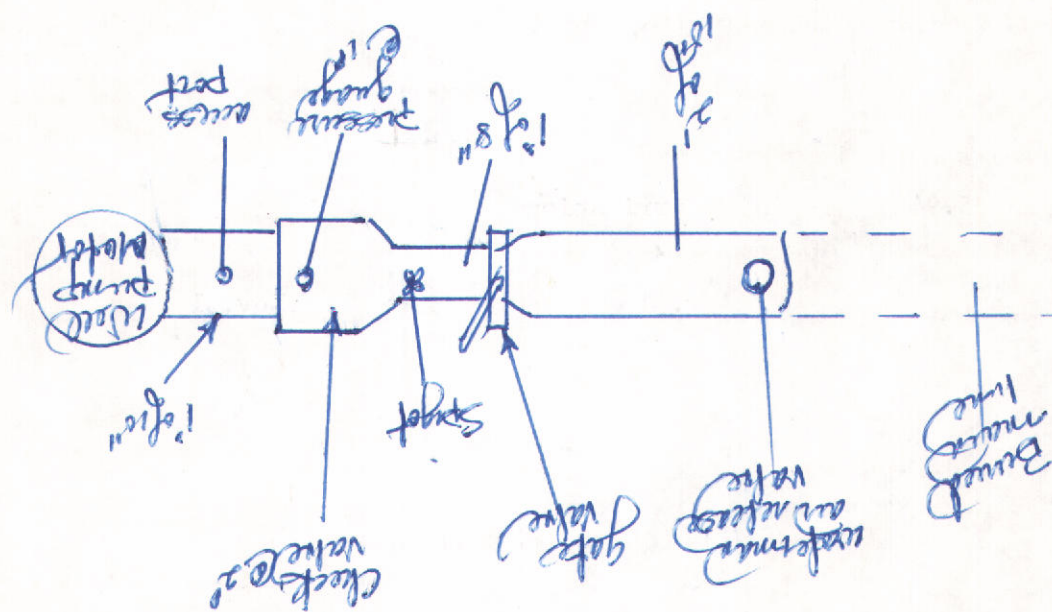
Douglas Lorenson
(Applicant)

13 7027





APR



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 13-7027 Priority February 14, 1972 Amount 1.51 cfs

THIS IS TO CERTIFY, that DOUGLAS SORENSEN
of Swan Lake, Idaho, has complied with the terms and conditions of Permit
No. 13-7027 issued pursuant to Application for Permit dated February 14, 1972,
and has submitted proof to the Department of Water Resources on March 24, 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 4.87 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>November 1</u> at <u>1.56 cfs</u> and <u>643.9 acre feet</u>		
	from _____ to _____ at _____ cfs and _____		
	from _____ to _____ at _____ cfs and _____		
	(both dates inclusive)		

Subject, however, to the condition that no more than 1.56 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
643.9 acre feet per year, said waters to be diverted within the NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, Twp. 13S,
Rge. 38E, B.M. in the County of Bannock

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	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13S	38E	7	40	20	20	40									40	20	15	40	240
		8																	40
		17					40	40			25								105
		18	20			20									15				55

Total number of acres irrigated 440

This right when combined with 13-2222 shall provide no more than 3.5 afa per acre
for the lands above.

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 14th day of
April, 19 81.

Director

BEFORE THE DEPARTMENT OF WATER ADMINISTRATION
OF THE
STATE OF IDAHO

IN THE MATTER OF EXTENDING THE PROOF DUE)
DATE IN CONNECTION WITH PERMIT NO. 13-7027)
IN THE NAME OF DOUGLAS SORENSEN)

ORDER

WHEREAS, on February 14, 1972, Douglas Sorensen applied to the Department of Water Administration for a permit to appropriate 5.94 cubic feet per second of water from a groundwater source to be diverted from a point within the NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, Twp. 13S, Rge. 38E, B.M., Bannock County, to be used for irrigation purposes; and,

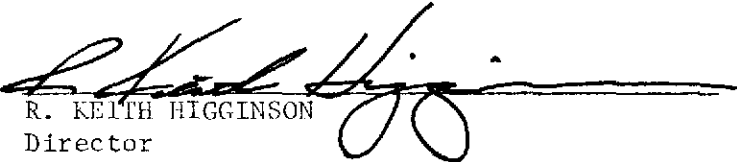
WHEREAS, on March 28, 1972, the Department approved said application and issued Permit No. 13-7027 with the condition that proof of construction of works and application of water to beneficial use be submitted to the Department on or before April 1, 1974; and,

WHEREAS, on March 27, 1974, the Department received a request for an extension of time; and,

WHEREAS, it appears that under the circumstances the permit holder has been proceeding with reasonable diligence and has given good cause for delay; and,

IT IS, THEREFORE, HEREBY ORDERED that the time within which to submit proof of beneficial use of water under Permit No. 13-7027 be extended to April 1, 1975.

Dated this 29 day of March, 1974.


R. KEITH HIGGINSON
Director

BDF:JC

13-7027

MICROFILMED

Identification No. 13 7027

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION

APPLICATION FOR PERMIT

APPROVED

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

1. Name of applicant DOUGLAS SORENSEN
post office address SWAN LAKE, IDAHO 83281
2. Source of water supply WELL which is a tributary of _____
3. a. Location of point of diversion is NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 18 Township 13S
Range 38 E B.M. BANNOCK County; additional points of diversion if any: NONE
- 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: 3.36 CFS ON ORIGINAL PERMIT
Amount 5.94 for IRRIGATION purpose from March 15 to November 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. 5.94 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. PLASTIC AND ALUMINUM MAINLINE
250 HP ELECTRIC MOTOR, VERTICAL TURBINE PUMP
- 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 _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 years.
b. Estimated construction cost is \$ 30,000.00.
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: _____

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13 7027

... ..

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

[illegible]

Total number of acres to be irrigated. 465

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

13-2222 for 3.36 cfs same lead descrip +
PT of diversion. May 2-17-72

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

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

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

applicant to make this filing -

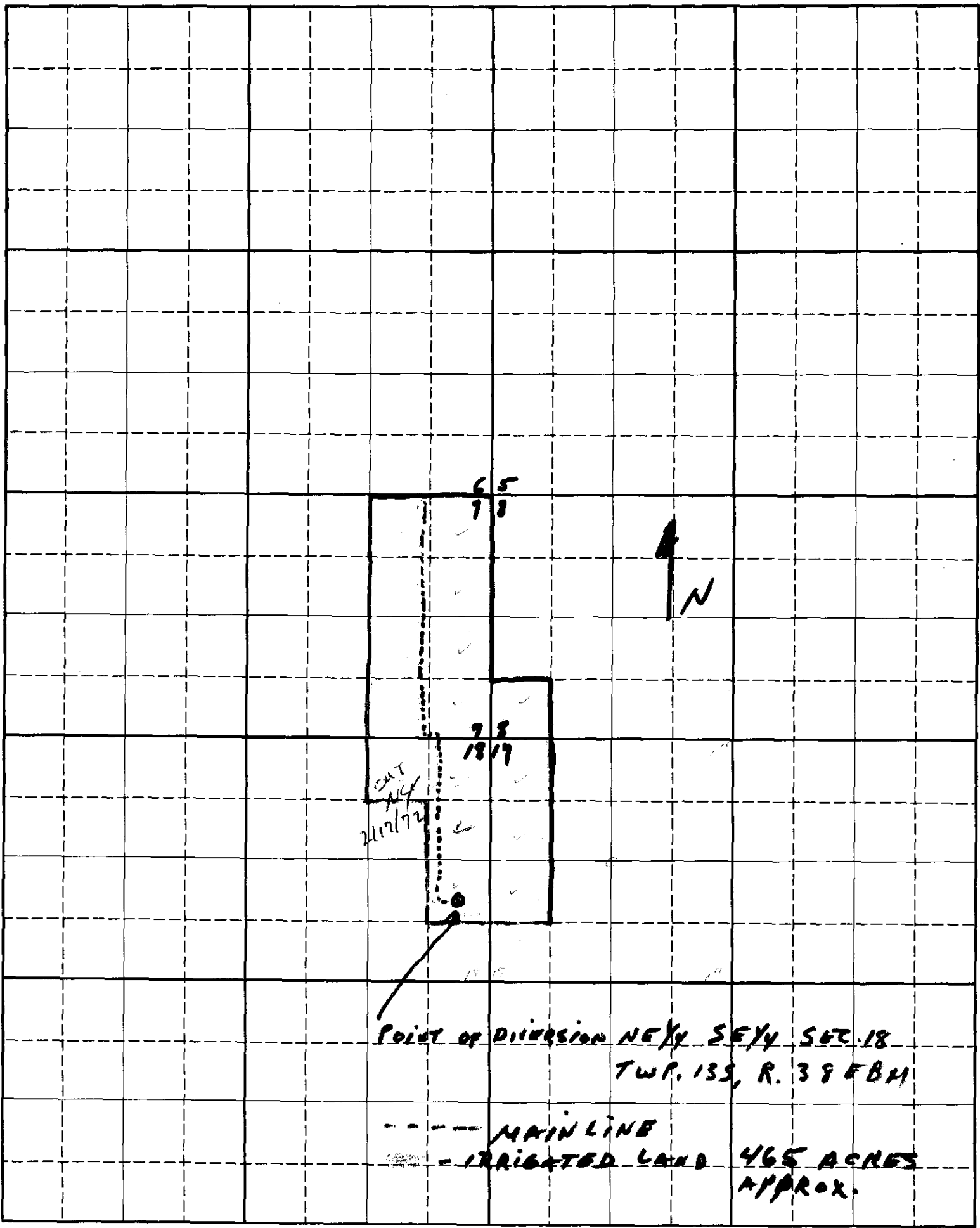
10. Remarks _____ REQUEST RETENTION OF ORIGINAL PERMIT AND DATE FOR 3.36CFS

UNDER PERMIT NO. G-29138. THIS IS FOR SUPPLEMENTAL WATER

FROM EXISTING WELL TO MORE ADEQUATELY SERVE ACREAGE DESCRIBED

IN THAT PERMIT AND 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.

Longdon Foreman
(Applicant)

Received by Date 4-4-72 Time 8:00 AM
Preliminary check by Fee \$ 75.00
Received by Date 3-14-72
Publication prepared by bj Date 2-17-72
Published in Idaho State Journal, Pocatello, ID
Publication dates 2-24-72 & 3-2-72
Publication approved Date 3-7-72
Priority reduced to 2-4-72 Reason
Protests filed by:

Copies of protests forwarded by

Hearing held by Date
Recommended for approval by 30F

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 13-7027, 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 74.
- c. Other: A measuring device of a type approved by this Department shall be permanently installed and maintained as part of the diverting works.

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

Witness my hand this 28th day of March, 19 72.

Deputy Director

Identification No. _____

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
APPLICATION FOR PERMIT
FOR ADDITIONAL USE

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

1. Name of applicant DOUGLAS SORENSEN
post office address SWAN LAKE, IDAHO 83281
2. Source of water supply WELL which is a tributary of _____
3. a. Location of point of diversion is NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 18 Township 13S
Range 38E B.M. BANNOCK County; additional points of diversion if any: NONE
- 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 5.94 ^{3.36 CFS ON ORIGINAL PERMIT} for IRRIGATION purpose from MARCH 15 to NOV. 30 (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. 5.94 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. PLASTIC AND ALUMINUM MAINLINE
- 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 _____ (Mo. Day) to _____ (Mo. Day) inclusive.
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 years.
b. Estimated construction cost is \$ 30,000.00.
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: _____

RECEIVED

13 7027

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

TWP.	RANGE	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	
13S	38E	7	40			40													80
				25		20													45
																			20
																			20
																			40
																			80
																			40
																			25
																			20
																			25
																			40
																			20
																			40
																			20
																			20
																			15

Total number of acres to be irrigated 455

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

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

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

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

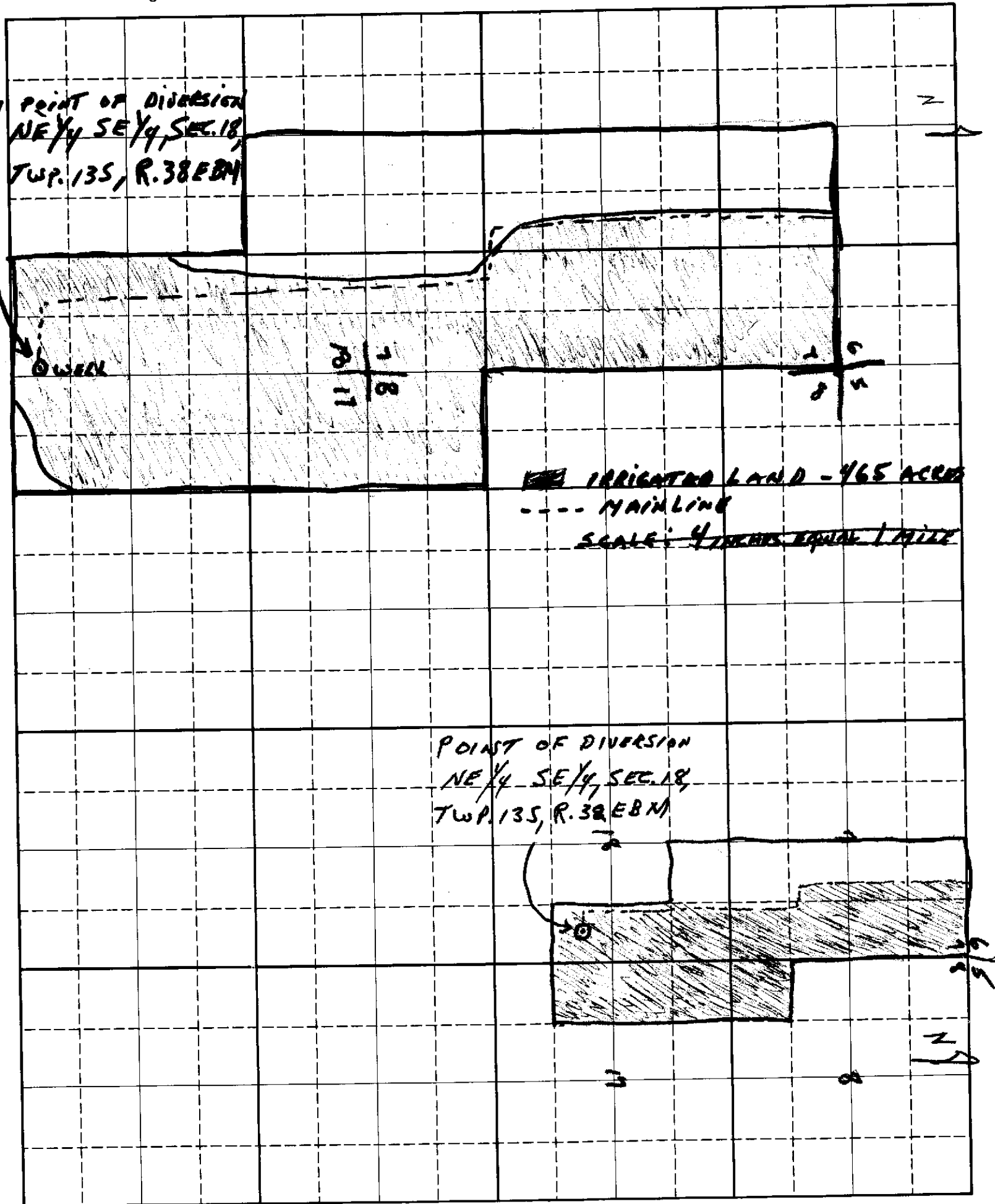
10. Remarks REQUEST RETENTION OF ORIGINAL PERMIT AND DATE FOR 3.36 CFS

UNDER PERMIT NO. 6-29138. THIS IS FOR SUPPLEMENTAL WATER

FROM EXISTING WELL TO MORE ADEQUATELY SERVE ACREAGE DESCRIBED

IN THAT PERMIT AND 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.

Douglas Lorenson
(Applicant)

13 7027

Received by _____ Date 4-2-11 Time 8:00 AM

Preliminary check by _____ Fee \$ _____

Received by _____ Date _____

Publication prepared by _____ Date _____

Published in _____

Publication dates _____

Publication approved _____ Date _____

Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by _____

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

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

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19____.
- c. Other: _____

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

Witness my hand this _____ day of _____, 19____.

Director

13 7007

DEPARTMENT OF WATER ADMINISTRATION

STAFF ANALYSIS

Application No. 13-7027 Name Douglas Sorensen

Source Groundwater

Point of Diversion NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, T. 13S, R. 38E, B.M., Bannock County

Quantity 5.94 Use irrigation Period March 15 - Nov. 30

Quantity Use Period

Quantity Use Period

Well Size Diameter Proposed Depth Feet

Use 465 acres for irrigation

Date Forwarded 2-24-72 Date Returned 2-24-72 Received by SS.

COMMENTS: Water levels show 3-4 ft fluctuations, but no
net declines, in an area to the east, the closest
observation well.

RECOMMENDED:

Applied: Qty. Use Period AF/A AF

Qty. Use Period AF/A AF

Qty. Use Period AF/A AF

Maximum: Qty. Use Period AF/A AF

Qty. Use Period AF/A AF

Qty. Use Period AF/A AF

ACTION: Approved ☒ Denied ☐

Conditions of approval or reason for denial:

INVESTIGATION By Paul M. Castelnau Title W.R.I.-I

Date Feb. 24, 1972

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13 7027

DEPARTMENT OF WATER ADMINISTRATION

STAFF ANALYSIS

Application No. 13-7027 Name Douglas Sorensen

Source Ground Water

Point of Diversion NE¹/₄SE¹/₄, Sec. 18, T. 13S, R. 38E, B.M., Bannock County;

Quantity 5.94 cfs Use irrigation Period April 1 to Nov. 1

Quantity Use Period

Quantity Use Period

Well Size Diameter Proposed Depth Feet

Use The irrigation of 465 acres.

Date Forwarded Date Returned Received by

COMMENTS: U.S.G.S. observation wells are not maintained in this area (W.B. #24).

Aquifer is recent alluvium overlying sedimentary bedrock. Yields are usually
good with moderate drawdown. (W.B. #13). Location of diversion & place of use
appears to be on the Caribou National Forest. It is also very unlikely that
the well will produce 9.3 c.f.s. as indicated by this filing and the previous
License No. 13-2222.

RECOMMENDED:

Applied: Qty. 5.94 cfs Use irrig. Period 4-1/11/1 AF/A 3.5 AF 1628

Qty. Use Period AF/A AF

Qty. Use Period AF/A AF

Maximum: Qty. 9.3 Use irrig. Period 4-1/11/1 AF/A 3.5 AF 1628

Qty. Use Period AF/A AF

Qty. Use Period AF/A AF

ACTION: Approved X Denied

Conditions of approval or reason for denial: Acceptance of shorter irrigation season
or written justification and copies of documents showing applicant has ownership
or lease on land. (Letter has been sent requesting these.)

By NORMAN C. YOUNG Title District Engineer
 Date 2-18-72

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13 7027

PROOF OF PUBLICATION

STATE OF IDAHO
County of Bannock

ss.

Ruth Brown

being first duly sworn on oath deposes and says: That she was at all times herein mentioned a citizen of the United States of America, more than 21 years of age, and the Principal Clerk of THE IDAHO STATE JOURNAL, a daily newspaper, printed and published at Pocatello, Bannock County, Idaho, and having a general circulation therein.

That the document or notice, a true copy of which is attached, was published in the said IDAHO STATE JOURNAL, on the following dates, to-wit:

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Douglas Sorensen, Swan Lake, Idaho has, on 2-14-72 submitted Application No. 113-7027 for a permit to appropriate 5.94 cubic feet per second of water from a ground-water source by means of well and pump within the NE 1/4, Sec. 18, T. 13S, R. 38E, B.M., Bannock County; to be used from April 1 to Nov. 1 for the irrigation of 465 acres within the NE 1/4, SE 1/4, Sec. 7; SW 1/4, Sec. 8; W 1/2 NW 1/4, NW 1/4, Sec. 17; E 1/2 NE 1/4, NE 1/4, Sec. 18, T. 13S, R. 38E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of this permit must be filed with the Idaho Department of Water Administration, 240 South Holmes, Idaho Falls, Idaho, 83401, on or before March 13, 1972.

R. Keith Higginson
Director

February 24, March 2, 1972
No. 90

February 24, 1972, 19____
March 2, 1972, 19____
_____, 19____, 19____
_____, 19____, 19____
_____, 19____, 19____

That said paper has been continuously and uninterruptedly published in said County for a period of seventy-eight weeks prior to the publication of said notice or advertisement and is a newspaper within the meaning of the laws of Idaho.

Ruth Brown

Subscribed and sworn to before me this 2nd day of March, 1972

Severin M. Martensen

Notary Public, State of Idaho
Residence: Pocatello, Idaho

RECEIVED
FEB 24 1972

13 12027



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

A. KENNETH DUNN

~~STEPHEN ALKNOX~~

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 334-4440

April 16, 1981

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen,

RE: License No. 13-7027

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

Please be advised that one of the conditions of your permit was, that a measuring device be installed as part of your diversion works. That requirement has been waived with issuance of the enclosed license. However, in the event that water supply shortages become a problem installation of measuring devices may be required.

Sincerely,

JIM JOHNSON

Water Distribution Supervisor

JJ:mr

Enclosure

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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

March 9, 1981

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen,

A representative of this Department has made an examination of the works covered by your Permit No. 13-7027, and has found the following:

Amount of water that can be recognized as beneficially used under Idaho law: 4.87 cfs Source: groundwater

The maximum quantity diverted shall not exceed 1540 acre feet per year.

Point(s) of diversion: NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, Twp. 13S, Rge. 38E, B.M.

Beneficial use: Irrigation of 240 acres within the NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 7; 40 acres within the SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8; 105 acres within the NW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 17 and 55 acres within the E $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, Twp. 13S, Rge. 38E.

Priority date established: February 4, 1972

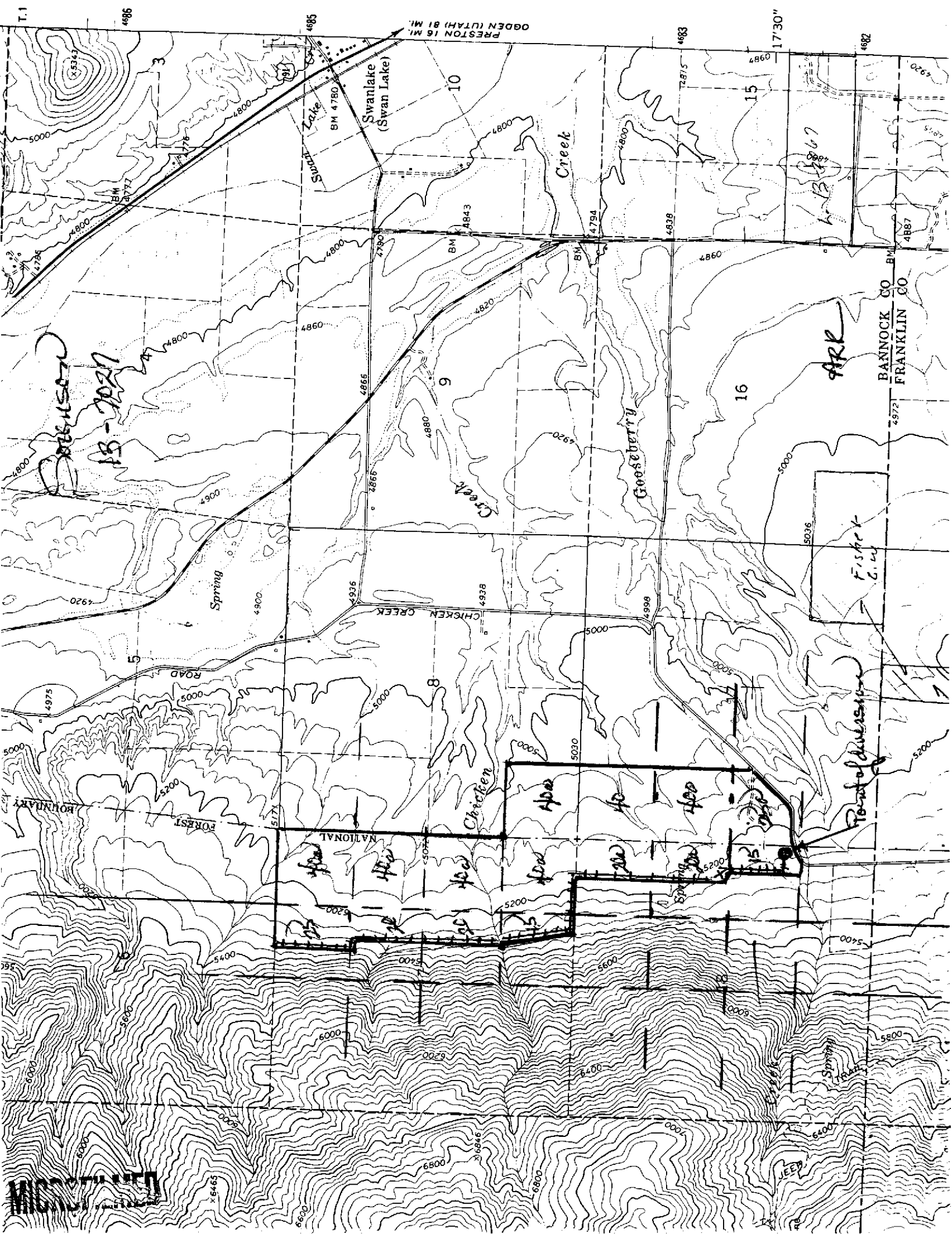
Conditions (if any): This right when combined with Right No. 13-2222 shall provide no more than a total diversion of 4.87 cfs. ~~no more than~~
3.5 AFA PER ACRE FOR THE LANDS ABOVE.

If you do not concur with these findings please contact us within 10 days, otherwise a water license will be issued as set forth above.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

MICROFILMED



MICROFILMED

Bannock
13-7020

ARK

Point of diversion

Fisher
C.W.

BANNOCK CO
FRANKLIN CO

CHICKEN CREEK

Gooseberry

Swanlake
(Swan Lake)

Spring
Lake

ROAD

FOREST

NATIONAL

Chicken

JEEP

SUMMIT

PRESTON 16 MI.
ODDEN (UTAH) 81 MI.

DEPARTMENT OF WATER ADMINISTRATION

FIELD REPORT

APR 1 1975

1. Name of permit holder Douglas Sorensen

Post office address Swan Lake, ID 83281

Person to contact _____

Department of Water Resources
Phone _____
Eastern District Office

2. Source of water supply: Groundwater ☒ Surface water ☐

897-5704

(name spring, stream, etc.)

Tributary to _____

3. Water will be used for the following purposes:

Amount 5.94 c.f.s. for irrigation

_____ AF/Annum (nature of use)

Period of Use: from Apr. 1 to Nov. 1

(mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____

_____ AF/Annum (nature of use)

Period of Use: from _____ to _____

(mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____

_____ AF/Annum (nature of use)

Period of Use: from _____ to _____

(mo.-day) inclusive (mo.-day)

Other uses: _____

Permit No. 13-7027
Examination for b/u

4. Total amount to be appropriated:

Max Rate of Diversion 5.94 cubic feet per second and annual volume _____ AF/Annum.

5. Location of Point(s) of Diversion:

Township 13S N/S, Range 38E E/W, B.M., Section 18, Subdivision NE 1/4 SE 1/4, Bannock

County

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ 1/4 _____ 1/4, _____

County

Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ 1/4 _____ 1/4, _____

County

Other Points of Diversions: _____

Description of diverting works: Plastic & aluminum mainline 10" bowls, 250 hp elec. motor, 20" casing, 400' depth.

Measuring device required: yes ☒ no ☐

6. Lands to be irrigated or place of use.

TWP.	RANGE	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	
13S	38E	7	40	25	20	40									40	20	25	40	250
		8										40							40
		17					40	40			40								120
		18	20			20									15				55

MICROFILMED

TOTAL ACREAGE

465

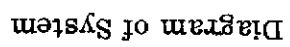
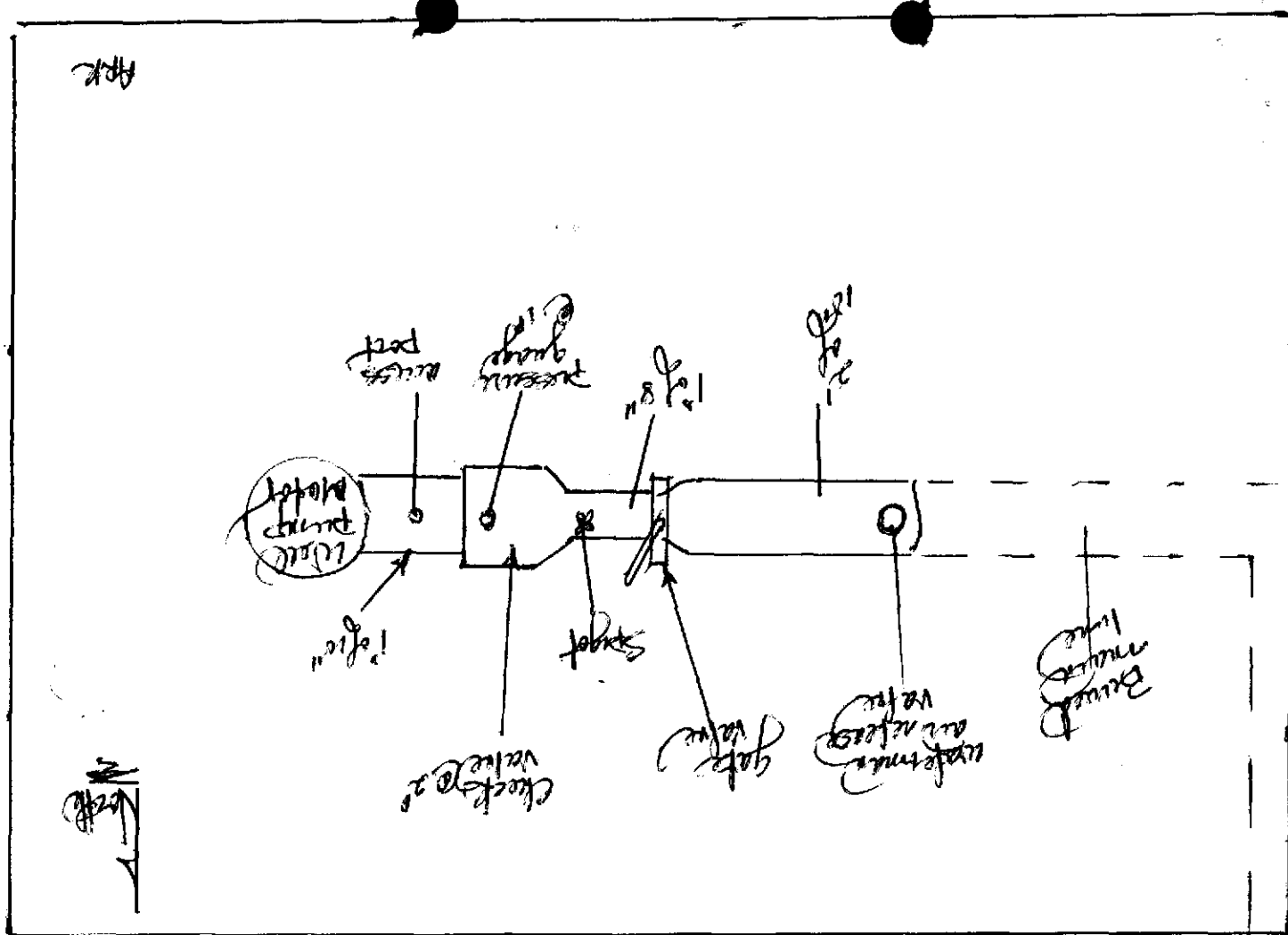


Diagram of System



DATE OF EXAM 26th day of June, 1979

ACREAGE
Found 440a
Recommended 440a

Irrigation Requirement 3.5 Ac Ft/Ac

USE
Irrigation Q = 1.51 c.f.s. V = 643.9 - 640.9 AF/Ann. from April 1 to Nov 1
Domestic Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____

Is water co-mingled? yes _____ no X

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

Exchange? yes _____ no X

Name source exchanged with: n/a
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 4.87 cfs Method of measurement Annubar

Total Q recommended 1.51 Meter No. East Day 80 meter Type Annubar Condition std.

Total V recommended 643.9 Aff/y 10.02

Recommended Amendments:

P.D. _____
Place of Use _____
Other _____
None

MEASUREMENT CALCULATION:

$$Q_{\text{apm}} = (\text{pipe I.D.})^2 (\text{C.F.M. of H}_2\text{O}) = (9.731)^2 (3.85) (1.36) \text{ capacity} \\ = (94.64) (3.85) (6) = 2187.34 \text{ gpm} = 448.89 \text{ gpm/cfs} = 4.87 \text{ cfs}$$

$$V = 440a \times 3.5 \text{ Aff/a/y} = 1540 \text{ Aff/y} \times 1.9835 \text{ Aff/cfs} \times 214 \text{ d/y} \times 1.51 \text{ cfs} = 643.9 \text{ Aff/y}$$

SYSTEM DESCRIPTION:

Groundwater is diverted by a 250 H.P. 3 ph Newman vertical induction pump motor # X-180802 F/x-686 PDC5252 PB. and by a Western "Singer" vertical turbine pump S/x-24788 Average irrigated by 7-52 jet handlines.

REMARKS:

System shown operated & described by Darwin & Douglas Sorenson

Note License 13-2222 for 3.36 cfs on identical acreage from the same well. $4.87 \text{ cfs} - 3.36 \text{ cfs} = 1.51 \text{ cfs}$

Examiner's Signature Anthony R. Kozlowski Date Dec. 18, 1979

Checked by Jon D. Conson Date 4/10/80

Approved by [Signature] Date 3/9/81

Overlap Review on Back →

Overlap between for 13-7027

Distance 13-2222

same P/D & P/U

$$\frac{3.36 \text{ ds}}{465 \text{ AC}} = .007 \text{ ds/AC}$$

the night 13-7027

$$\frac{4.87}{440 \text{ AC}} = .011 \text{ ds/AC}$$

both night ~~does~~ ^{do} not provide more than .02 ds/AC
~~Capacity must be limited~~
∴ also limit volume to 3.5 AFA in 1 yr

IDENT. NO.

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

WATER RIGHT
DATA ENTRY LOG

[illegible]

April 2, 1975

Re: Permit No. 13-7027

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen:

We acknowledge receipt of the affidavit 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. We cannot tell during which part of the irrigation season this examination will be made, however, our examiner will try to contact you at the time he makes the exam so that you may show him the system.

If you have any questions concerning the field exam, please contact our District Office in Idaho Falls.

Sincerely,

D. Darlene Reich
Water Rights Supervisor

DDR:JG

NOT RECORDED

Identification No. _____

Permit No. _____

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

RECEIVED

MAR 24 1975

Department of Water Resources
Eastern District Office

OK-88

1. a) Name of Permit Holder Douglas Sorensen
- b) Post Office Address Swan lake, Idaho 83281
2. Permit Number 13 7027
3. Date of Priority that you are prepared to establish 2-14-72
4. a) Source from which water was appropriated well
- b) Location of the point of diversion: NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 18
Township 13S, Range 38E Boise Meridian, Other points of diversion: none

5. a) The amount of water and use to which the water has been applied:
amount 3.36 cfs/ License No. G29138 for irrigation purposes from April 1 to Nov. 1 1960 incl.
(cfs and/or acre feet per annum) (Month-Day) (Month-Day)
amount 5.94 cfs/ Permit No. 13 7027 for irrigation purposes from April 1 to Nov. 1 1972 incl.
(cfs and/or acre feet per annum) (Month-Day) (Month-Day)
amount _____ for _____ purposes from _____ to _____ incl.
(cfs and/or acre feet per annum) (Month-Day) (Month-Day)
- b) Total amount appropriated 9.30 cfs _____ cfs and/or acre feet per annum
- c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement: owners observation of sprinkler system

6. If the means of diversion and conveyance are owned by someone other than the Permit Holder:
a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use: _____
b) Describe the agreement or understanding by which you take water from the works: _____

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (If from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch) Plastic and aluminum mainline
10" bowls, 250 HP electric Motor, 20" casing, 400 ft. depth
- b) Describe the type and size of measuring device which you have installed at your point of diversion: ROCKWELL FLOW CONTROL METER, PROPELLER TYPE, SERIAL NO. 10767, ACRE FEET OR 4500 GPH
- c) Give well drillers name and address and date the well was completed Cushman and Johnson
Blackfoot, Idaho Feb. 22, 1961

Exam typed 4/2/75 by js

RECEIVED

8. If for other than irrigation, describe the beneficial use to which you have applied the water and the place of use

9. Irrigation uses: Describe the lands irrigated by giving the acreages irrigated within each 40 acre subdivision:

TWP.	RANGE	SEC.	NE 1/4				NW 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	
13S	38E	7	40	25	20	40					40	20	25	40	250
"	"	8	~~40~~					40							40
"	"	17					40	40		40					120
"	"	18	20			20					15				55

Total number of acres irrigated 465

10. Remarks:

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

(Date)

March 2, 1973

(Signature)

State of Montana
County of Blaine
ss. Notary Public

On this 20 day of March, 1973, personally appeared before me the signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

Notary Public residing at Blaine, Montana

My commission expires

3-11-77

- SENDER: Complete items 1 and 2.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one).

- ☐ Show to whom and date delivered..... 15¢
☐ Show to whom, date, & address of delivery.. 35¢
☐ DELIVER ONLY TO ADDRESSEE and
show to whom and date delivered..... 65¢
☐ DELIVER ONLY TO ADDRESSEE and
show to whom, date, and address of
delivery 85¢

2. ARTICLE ADDRESSED TO:

3. ARTICLE DESCRIPTION:

REGISTERED NO. CERTIFIED NO. INSURED NO.

26447

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE

4.

DATE OF DELIVERY

POSTMARR

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

CLERK'S
INITIALS

January 31, 1975

CERTIFIED MAIL

#26447

Re: Permit No. 13-7027

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen:

One of the conditions of approval of your water Permit No. 13-7027 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before April 1, 1975. Enclosed is an affidavit form which must 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.

Either the beneficial use affidavit 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.


R. KEITH HIGGINSON
Director

RKH:jg
Enc: Proof affidavit

MICROFILMED

April 1, 1974

Re: Permit No. 13-7027

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen:

Enclosed is an Order which extends the proof due date in connection with the above referenced permit.

The time within which to submit proof of beneficial use of water has been extended to April 1, 1975.

Sincerely,

D. Darlene Reich
Water Rights Supervisor

DDR:JC
Enclosure

B-7027

March 24, 1974

RECEIVED

MAR 27 1974

Department of Water Administration

Dear Sir,

I am writing to you to request an extension of time for approval of my water permit No. 13-7027 for the following reasons. In the spring of 1972 I installed over 2,000' of 12" plastic mainline and over 2,000' of 10" plastic mainline. It is the gasket type, and during the summer of 1973, several gaskets were continually forced out by water pressure in the 12" line. I was without water for 26 days plus during the irrigation season. The companies involved replaced the 12" line late in the fall of 1973, and as yet I haven't had a chance to really get it tested out to know how much water I have. I would appreciate an extension of one year so that I can get my water on the land designated and to get the right kind of a weir installed.

Yours very truly,

Douglas Lorenson

Luan Lake, Idaho 83281

13-7027

SENDER: Be sure to follow instructions on other side

PLEASE FURNISH SERVICE(S) INDICATED BY CHECKED BLOCK(S)

(Additional charges required for these services)

☐ Show address
where delivered

☐ Deliver ONLY
to addressee

RECEIPT

Received the numbered article described below

REGISTERED NO.

SIGNATURE OR NAME OF ADDRESSEE (Must always be filled in)

CERTIFIED NO.

INSURED NO. *25116*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

SHOW WHERE DELIVERED (Only if requested, and include ZIP Code)

3

1

2

2/3/74

James J. Brown

January 31, 1974

CERTIFIED MAIL

#25116

Re: Permit No. 13-7027

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen:

One of the conditions of approval of your water Permit No. 13-7027 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before April 1, 1974. Enclosed is an affidavit form which must 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.

Either the beneficial use affidavit 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.



R. KEITH HIGGINSON
Director

Enc: Proof affidavit

13-7027

STATE OF IDAHO

DEPARTMENT OF WATER ADMINISTRATION

Statehouse — Annex 2
Boise, Idaho 83707
(208) 384-2215



R. Keith Higginson
Director

Water Rights Administration
Water Resource Investigations
Dam and Reservoir Safety
Water Well Drilling
Flood Plain Management
Irrigation and
Flood Control Districts

March 29, 1972

Re: Permit No. 13-7027 - Douglas Sorensen

Douglas Sorensen
Swan Lake,
Idaho 83281

Dear Mr. Sorensen:

Enclosed is a copy of your approved Application for Permit No. 13-7027. 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.

Very truly yours,

BOBBY D. FLEENOR
Assistant Director

BDF:cr

Enclosures

13 7027

2-23-72

BOISE:

I contacted the Forest Service on this app. and they claimed to own part of the land. After receiving Mr. Sorensen's answer to my letter, I contacted the Assessor's Office and they said the land does belong to Douglas Sorensen.

NCY

NCY

13 7027

RECEIVED

Luan Lake, Idaho
Feb. 18, 1972

FEB 22 1972

Department of Water Administration
Eastern District Office

Dear Mr. Young,

I received a letter from you today about my application for Permit No. 13-7027 and you stated that my point of diversion is on Caribou National Forest land. I don't know what map you are using, but the Caribou National Forest is almost a mile due west of my property line. Douglas Fisher and Eugene Foreman each own one section of property between me and the forest land.

Yours very truly,

Douglas Foreman
Luan Lake, Idaho

February 17, 1972

Re: Application for Permit No. 13-7027

Mr. Douglas Sorenson
Swan Lake
Idaho 83281

Dear Mr. Sorenson:

Your Application for Permit No. 13-7027 has been forwarded to this office for processing. During this processing, we noted that the point of diversion and place of use is shown on the United States Geological Survey 7½" Oxford Quadrangle Map and the Caribou National Forest Map as being on Caribou National Forest land.

We, therefore, would request that you provide us with copies showing proof of ownership or copies of agreements allowing you access to the land if you do not own it. We will continue processing your application, but a permit cannot be issued until we receive these copies.

Also, we noted that you have requested an irrigation season of March 15 to November 30. Unless you can justify the longer use period, we will reduce the time to from April 1 to November 1.

If you have any questions, please do not hesitate to contact this office.

Very truly yours,

NORMAN C. YOUNG
District Engineer

NCY:bj

13 7027

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION

240 So. Holmes
Idaho Falls, Idaho 83401
(208) 523-7186



R. Keith Higginson
Director

Water Rights Administration
Water Resource Investigations
Dam and Reservoir Safety
Water Well Drilling
Flood Plain Management
Irrigation and
Flood Control Districts

February 17, 1972

Re: Application Nos. 13-7027 - Douglas Sorensen
29-7076 - Idaho Portland Cement Co.

Idaho State Journal
Box 431
Pocatello, ID 83201

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 ample time for you to submit us a galley proof for our 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 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. In order to receive payment, the following certification must appear on the bill:

"I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid."

(signature of claimant)

Very truly yours,

Norman C. Young
District Engineer

NCY:BJ

Encs: Legal notices (2)

Bill submitted 3-7-72. ck

13 7027

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Douglas Sorensen, Swan Lake, Idaho

has on 2-14-72 submitted Application No. 13-7027

for a permit to appropriate 5.94 cubic feet per second ~~acre feet per annum~~

of water from a ground-water source

by means of well and pump

within the NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 18, T. 13S, R. 38E, B.M., Bannock County;

to be used from April 1 to Nov. 1

for the irrigation of 465 acres

within the NE $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 7; SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 8; W $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 17; E $\frac{1}{2}$ NE $\frac{1}{4}$,
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, T. 13S, R. 38E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of this permit must be filed with the Idaho Department of Water Administration, 240 South Holmes, Idaho Falls, Idaho, 83401, on or before March 13, 1972.

R. KEITH HIGGINSON

Director

Published in the Idaho State Journal, Pocatello, Idaho

on February 24, and March 2, 1972

13 7027

NCY

February 16, 1972

Douglas Sorenson
Swan Lake,
Idaho 83281

Dear Mr. Sorenson:

Attached herewith is your receipt No. 8051 in the amount of \$ 75.00
for your application for permit
which was received in this office.

Very truly yours,

M. RUSSELL BOSCH
Administrative Assistant

MRB:ejw

Enclosure: Receipt

April 12, 1971

C
Mr. Douglas Sorensen
Swan Lake,
Idaho 83261

Dear Mr. Sorensen:

C
We are returning your application for permit and personal check in the amount of \$45.00, number 97-23. We find in reviewing this application that the point of diversion listed under item 3a does not correspond with the map you have submitted on page three. Please clarify this issue and return the application and we shall begin its processing.

If you should have any questions, please advise.

P
Very truly yours,

Dorian Clay
Appropriation Examiner

Y
DC/bb
Enc: application
check