

FURROW IRRIGATION

LITTLE WOOD RIVER GRAVELLY LOAM

Permeability $(K) = 0.8 - 2\frac{1}{2}"$ per ~~hour~~ hour



DITCH LARGE ENOUGH TO CARRY 1.0 cfs

AREA OF CONTACT PER FOOT OF LENGTH = $4.4 \text{ ft}^2 / \text{ft}$

PORE SPACE IN SOIL ABOUT 40%

LONGEST POSSIBLE LENGTH FOR DITCH 2640 ft.

$$\text{SEEPAGE LOSS PER HOUR} = (4.4 \text{ ft})(2640 \text{ ft})(0.4) \left(\frac{2.5}{12} \right) \frac{\text{ft}}{\text{hr}} = 968 \frac{\text{ft}^3}{\text{hr}}$$

$$Q_{\text{lost}} = \frac{968}{3600} = \underline{\underline{0.269 \text{ cfs}}}$$

IRRIGATION REQUIREMENT ~~18~~ 18.87 INCHES per season

ASSUME 50% EFF. REQUIREMENT IS 37.74 INCHES

PEAK MONTH IS JULY FOR 6.62 INCHES

WITH 50% EFF. 13.24 INCHES

IRRIGATE EVERY ~~12~~ 6 DAYS. APPLY ~~2.3~~ INCHES 2.65 INCHES

IRRIGATE 4 ACRES PER DAY FOR 6 DAYS (12 HR DAY)

$$Q = 4 \text{ ACRES} \left(\frac{43,560 \text{ ft}^2}{\text{ACRE}} \right) \left(\frac{2.65 \text{ ft}}{12} \right) \left(\frac{1 \text{ HR}}{3600 \text{ SEC}} \right)$$

$$Q = \underline{\underline{0.89 \text{ cfs}}}$$

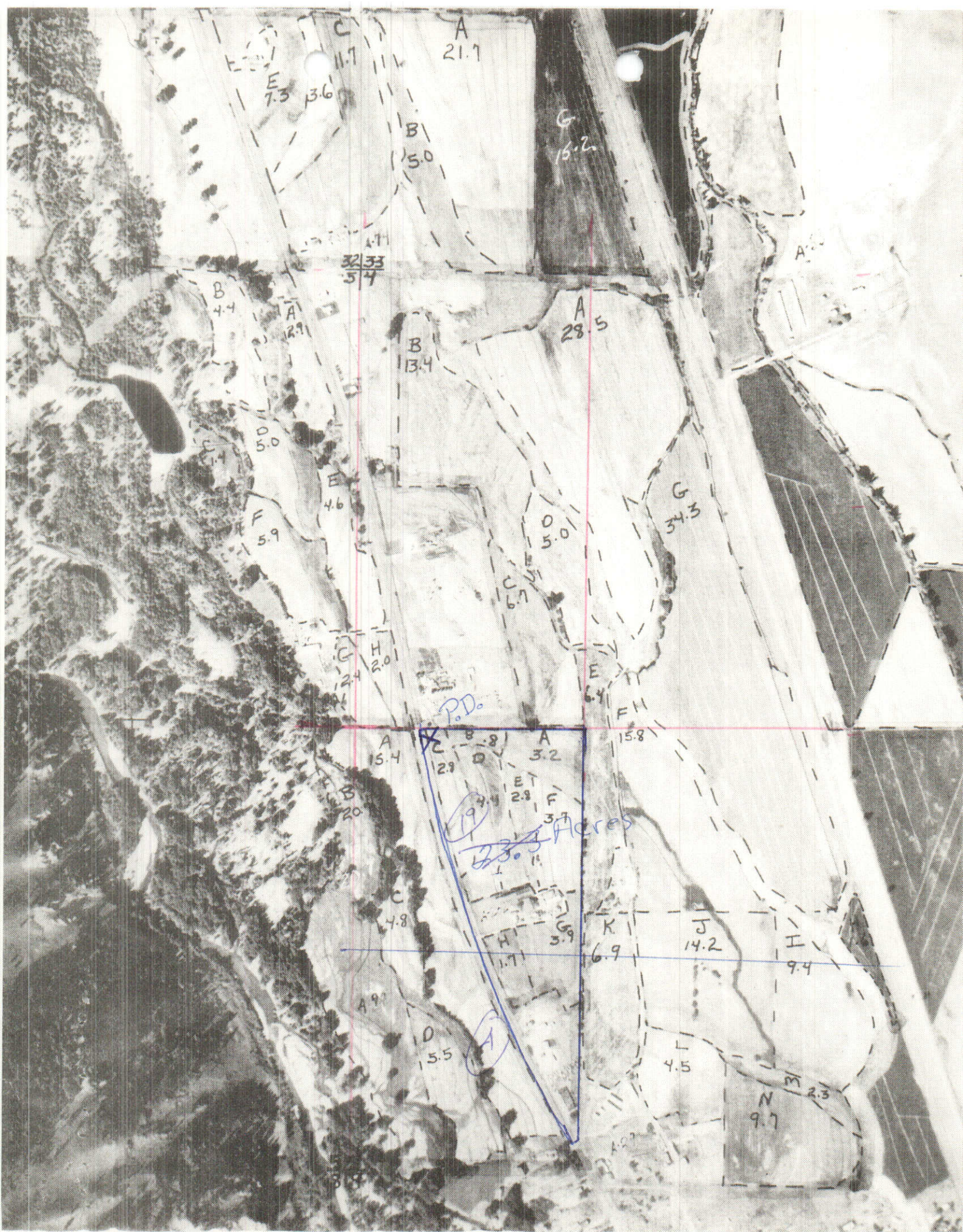
$$Q_{\text{TOTAL}} = \boxed{1.16 \text{ cfs}}$$

(REFERENCED BACK)

$$\text{VOL} = 72.16 \text{ ACRE-FT}$$

$$32750$$

$$37 - 2725$$



U.S. Motor
H.P. 30
245-7237

LAPOE
Boiler

12" Discharge

Area = 23.8 Acres
Sub. = 2
= 1.5 cfs

VOI = 70 acre-ft.
(NOT EXCEEDING THIS AMOUNT FROM ALL SOURCES COLLECTIVELY)

100 - 17 = 5.83
100 - 17.5 = 5.73
100 - 35.5 = 5.73

23.8 Acres

DESIGNER REQUIREMENT = 30 Acre-ft/acre/season

Permit No. G-32750

Name of Applicant FLOYD W. and/or Laura C. Dorius, P. O. Box 205, Hailey, Idaho

Source of Water Subterranean

a tributary of

Location of P.D. NW 1/4 SW 1/4, Sec. 4, T. 2 N, R. 18 E, B.M., Blaine County

Water is used for Irrigation, Livestock Water and Domestic

Quantity of water claimed: Permit 3.0 c.f.s. not to exceed 125 AF per annum 6 c.f.s.

Type of measuring device installed or method of measurement and general description of diversion works A pump well, concrete distribution box, and ditches. 114' x 16" H. 14' - 0.5 to 6 c.f.s. Measured by Lane Pump Co.

Land to be irrigated or place of use:				Description
TWP.	RGE.	SEC.		
2 N	18 E	4	W 1/2 SW 1/4	

Filed February 24, 1966
Due February 25, 1971

Total acreage 25

Made June 7, 1968
Priority: February 24, 1966

Other rights and acreage covered: (Indicate amounts, source, licensed or decreed, and acreage covered by subdivision; also show land covered on the map.)

44.9 miners inches of Hiwatha Canal Co. (1883) (FLOYD and Laura Dorius owners)

Copy

RECEIVED
JUN 10 1968
Department of Reclamation

Affidavit of Publication

NOTICE OF PROOF OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that on June 7, 1968, at Hailey, County of Blaine, State of Idaho, before notary public V. K. Jeppesen, 113 South Main, Hailey, Idaho 83333, proof will be submitted of the completion of works for the diversion of 3.0 c.f.s. of the waters of a subterranean source, and the application to beneficial use of said water, in accordance with the terms and conditions of permit G-32750, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and address of permit holder is Floyd W. and or Laura C. Dorius, P. O. Box 205, Hailey, Idaho.

2. Said works of diversion will be fully completed on the date for such completion, and the amount of water which said works are capable of conveying to the place of use is 3.0 cubic feet per second.

3. The use to which said water has been applied is irrigation, livestock water, and culinary (domestic) purposes, and the amount applied to beneficial use is 3.0 c.f.s.

4. The point of diversion of said water is NW 1/4 SW 1/4 Sec. 4, T. 2N., R. 18E., B.M., Blaine County.

5. The place where said water is used is W 1/2 SW 1/4 Sec. 4, T. 2N., R. 18E., B.M.

6. The date of priority which said user is prepared to establish is February 24, 1966.

R. KEITH HIGGINSON
State Reclamation Engineer
Pub. 5-2. 9. 16 and 23.

STATE OF IDAHO, } ss.
County of Blaine,

NEAL R. NYBLAD, being first duly sworn deposes and says that he is now and all times herein mentioned has been the Managing Editor of The Hailey Times, which is now, and all times herein mentioned has been a newspaper as defined in Section 60-106 of the Idaho Code printed, regularly issued and published weekly at Hailey, in Blaine County, Idaho, and having a general circulation in said county, and having not less than 200 bona fide subscribers living within said county, and that said newspaper has been continuously and uninterruptedly so printed and published as a weekly newspaper in said county during the period of 78 consecutive weeks prior to the first publication of the annexed true copy and at all times since, and that said annexed true copy was so published in the regular edition of said newspaper, The Hailey Times, and not in any supplement thereof, for

4 consecutive weeks commencing with the first publication thereof on the 2nd day of May, 19 68 and ending with the last publication thereof on the 23rd day of May 1968.

Cost of this publication is \$ 22.44

Neal R. Nyblad
NEAL R. NYBLAD

Subscribed and sworn to before me, this 5th day of May, 19 68.

George S. Smith
Notary Public for Idaho
Residing at Hailey,
Blaine County, Idaho.

32750

RECEIVED

JUN 8 1968

Department of Reclamation

Affidavit of Publication

NOTICE OF PROOF OF
COMPLETION OF WORKS
AND APPLICATION OF
WATER TO BENEFICIAL USE

Notice is hereby given that on June 7, 1968, at Hailey, County of Blaine, State of Idaho, before notary public V. K. Jeppesen, 113 South Main, Hailey, Idaho 83333, proof will be submitted of the completion of works for the diversion of 3.0 c.f.s. of the waters of a subterranean source, and the application to beneficial use of said water, in accordance with the terms and conditions of permit G-32750, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and address of permit holder is Floyd W. and or Laura C. Dorius, P. O. Box 205, Hailey, Idaho.
 2. Said works of diversion will be fully completed on the date for such completion, and the amount of water which said works are capable of conveying to the place of use is 3.0 cubic feet per second.
 3. The use to which said water has been applied is irrigation, livestock water, and culinary (domestic) purposes, and the amount applied to beneficial use is 3.0 c.f.s.
 4. The point of diversion of said water is NW 1/4 SW 1/4, Sec. 4, T. 2N., R. 18E. B.M., Blaine County.
 5. The place where said water is used is W 1/2 SW 1/4, Sec. 4, T. 2N., R. 18E. B.M.
 6. The date of priority which said user is prepared to establish is February 24, 1966.
- R. KEITH HIGGINSON
State Reclamation Engineer
Pub. 5-2, 9, 16 and 23.

STATE OF IDAHO, } ss.
County of Blaine,

NEAL R. NYBLAD, being first duly sworn deposes and says that he is now and all times herein mentioned has been the Managing Editor of The Hailey Times, which is now, and all times herein mentioned has been a newspaper as defined in Section 60-106 of the Idaho Code printed, regularly issued and published weekly at Hailey, in Blaine County, Idaho, and having a general circulation in said county, and having not less than 200 bona fide subscribers living within said county, and that said newspaper has been continuously and uninterruptedly so printed and published as a weekly newspaper in said county during the period of 78 consecutive weeks prior to the first publication of the annexed true copy and at all times since, and that said annexed true copy was so published in the regular edition of said newspaper, The Hailey Times, and not in any supplement thereof, for Four consecutive weeks commencing with the first publication thereof on the SECOND day of MAY, 1968 and ending with the last publication thereof on the 9th day of MAY 1968.

Cost of this publication is \$ 22.44

Neal R. Nyblad
NEAL R. NYBLAD

Subscribed and sworn to before me, this 24th day of MAY, 19 68.

F. W. Haines
Notary Public for Idaho
Residing at Hailey,
Blaine County, Idaho.

32750

Proof to be sent
to Boise.

RECEIVED

MAY 1 1968

Department of Reclamation

**NOTICE OF PROOF OF
COMPLETION OF WORKS
AND APPLICATION OF
WATER TO BENEFICIAL USE**

Notice is hereby given that on June 7, 1968, at Hailey, County of Blaine, State of Idaho, before notary public V. K. Jeppesen, 113 South Main, Hailey, Idaho 83333, proof will be submitted of the completion of works for the diversion of 3.0 c.f.s. of the waters of a subterranean source, and the application to beneficial use of said water, in accordance with the terms and conditions of permit G-32750, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and address of permit holder is Floyd W. and/or Laura C. Dorius, P. O. Box 205, Hailey, Idaho.

2. Said works of diversion will be fully completed on the date for such completion, and the amount of water which said works are capable of conveying to the place of use is 3.0 cubic feet per second.

3. The use to which said water has been applied is irrigation, livestock water, and culinary (domestic) purposes, and the amount applied to beneficial use is 3.0 c.f.s.

4. The point of diversion of said water is NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 4, T. 2N., R. 18E, B.M., Blaine County.

5. The place where said water is used is W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 4, T. 2N, R. 18E, B.M.

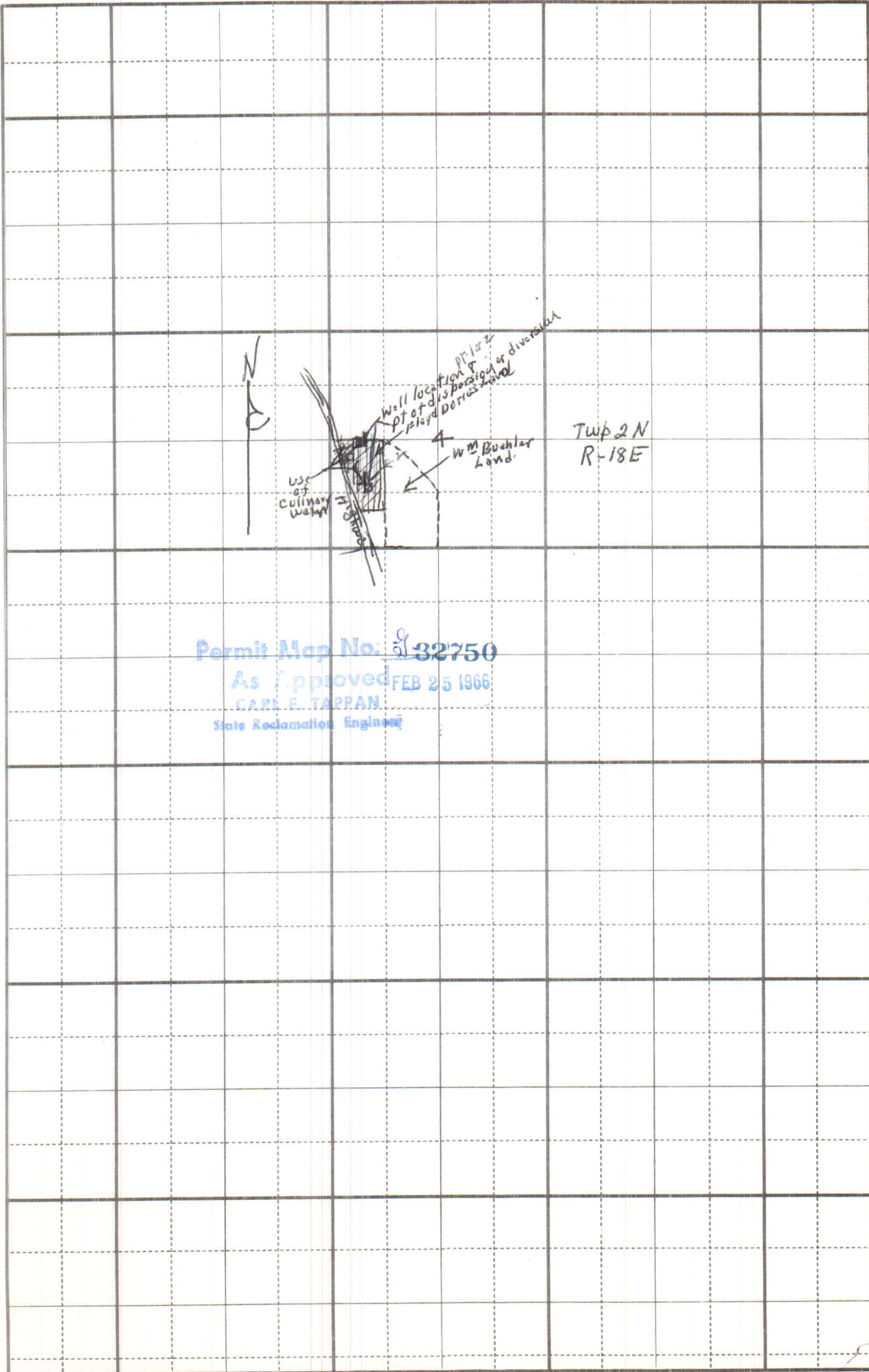
6. The date of priority which said user is prepared to establish is February 24, 1966.

R. KEITH HIGGINSON
State Reclamation Engineer
Pub. 5-2, 9, 16 and 23.

32750

NAME OF APPLICANT Floyd J. Dorius

Form No. 0



Permit Map No. 32750
As Approved FEB 25 1966
CARL E. TAPPAN
State Reclamation Engineer

WATER LICENSE

Water License No. G-32750/37-2725 Priority February 24, 1966 Amount 1.5 c.f.s.

THIS IS TO CERTIFY, that Floyd W. and/or Laura C. Dorius of Hailey, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated February 24, 1966; that Permit G-32750/37-2725 was issued pursuant to said application; that the proposed works were completed on or about August 1, 1966, with a storage or carrying capacity of 5.73 c.f.s., said works consisting of well, pump, motor, concrete diversion works and earth ditches; and that on June 7, 1968, proof was made to the satisfaction of the State Reclamation Engineer, of the beneficial use of 70 (not exceeding this amount from all sources collectively) acre feet per season/with a maximum rate of diversion of 1.5 cubic feet per second of the waters of ground-water, tributary of, for the purpose of Irrigation from April 1 to October 31; and for Livestock from January 1 to December 31; and for Domestic from January 1 to December 31; and that the use of said waters has been made in accordance with the laws of Idaho, and is hereby confirmed by the State Reclamation Engineer and entered in the records of the Idaho Department of Reclamation: the point of diversion is located in NW 1/4 SW 1/4, Sec. 4, T. 2 N, R. 18 E, B.M., and other additional points, in the County of Blaine; and that the amount of water to which such right is entitled and which is hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes and shall not exceed 70 acre feet per year. (not exceeding this amount from all sources collectively)

Description and location of 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	
2 N	18 E	4										19	4						23

Total number of acres irrigated 23

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

Witness the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this

27th day of October, 1969.

[Signature]
State Reclamation Engineer

37 2725

32750
37-2725
plat gms

✓ 32750
D
37-3725

APPLICATION FOR PERMIT

To Appropriate the Subterranean Waters of The State of Idaho

Application No. G- 40918
Permit No. G- 32750
District No.

1. Name of Applicant: Floyd W. &/or Laura C. Dorius
Postoffice address: Box 205, Hailey County: Blaine State: Idaho
2. Quantity of water claimed: 3.0 cfs not to exceed 125 AF per annum
 - (a) Rate of withdrawal in cubic feet per second or Idaho
Miners' inches or gallons per minute
 - (b) Annual withdrawal in acre feet per annum
3. Source of water supply: Subterranean
4. Location of point of diversion or well is in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 4
Twp. 2 N , Rge. 18 E. , B.M., County of Blaine
5. Water is to be used for: Irrigation, livestock water & culinary (4 home sites already laid out)
6. If for municipal, industrial or recreational purposes, give:
 - (a) Point of use of water is in the NW & SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 4 , Twp. 2 N
Rge. 18 E , B.M.
 - (b) Waste water or sewage effluent is to be returned to
at a point in the $\frac{1}{4}$ of the $\frac{1}{4}$ of Section , Twp. , Rge. , B.M.
7. Kind of works: Drilled well, pump and motor
8. Estimated cost of works: \$2000.00
9. (a) Is reservoir to be used? no
(b) Capacity of reservoir:
10. The time required for the completion of such work and complete application of the water to the proposed use is 5
years.
11. If applicant is a corporation, give:
 - I. (a) Date and place of incorporation:
(b) Amount of capital stock: \$ (c) Amount paid in: \$
(d) Names and addresses of directors:
 - II. The financial resources of the applicant are (a) Cash on hand: \$
(b) Treasury stock: (c) Bonds to be issued:
(d) Other resources:
12. The land to be irrigated is described in the following tabulation:
13. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are: 44.9 miners inches of
Hiwatha Canal Co. (1883) (Floyd & Laura Dorius owners)
 - (a) 140 inches (cubic feet per second, inches or gallons per minute) of the water herein applied for is to be supple-
mental to the existing water rights.
 - (b) (cubic feet per second, inches or gallons per minute) is for new lands.
 - (c) 10 inches is for culinary and livestock water

BE IT KNOWN THAT The undersigned hereby makes appli cation for permit to appropriate the public waters of the State of Idaho as herein set forth.

Date of first receipt at Department of Reclamation: 9:30 A.M. February 24, 1966

Returned to applicant for correction:

Corrected application received:

The number of this permit is G— 32750

Recorded in Book 114 Page 32750 Approved February 25, 1966

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho, and hereby approve the same, subject to the following limitations and conditions:

Bond in the sum of \$ _____ to be filed on or before _____

Work to begin on or before _____ and to continue diligently and uninterruptedly to completion, unless temporarily interrupted by circumstances over which the permit holder has no control.

One-fifth of the work above specified to be completed on or before **August 25, 1968**

The whole of said work to be completed and beneficial use of water appropriated in accordance herewith, to be made and proofs offered on or before **February 25, 1971**

Witness my hand this 25th day of February, 1966 S/ CARL E. TAPPAN
STATE RECLAMATION ENGINEER.

IN TESTIMONY WHEREOF, We, ROBERT E. SMYLIE, Governor of the State of Idaho,
and ARNOLD WILLIAMS, Secretary of State of the State of Idaho, have caused this instrument to
be executed in the name of the State of Idaho, and caused the Great Seal of the State of Idaho to be hereunto affixed, this 25th
day of February, 1966.

Countersigned:

STATE OF IDAHO

(SEAL)

By s/ ARNOLD WILLIAMS
Secretary of State.

By s/ ROBERT E. SMYLIE
Governor

12.

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	
2 N	18 E	4									21 4								25
LICENSE ISSUED FOR <u>1.5</u> SEC. FT. LICENSE PAGE NO. <u> </u>																			

WATER RIGHT NUMBER 37-2725 ✓

OWNER LAST NAME - DORRIS

FIRST NAME - FLOYD W.

ORIG OWNER -

OWNER LAST NAME - DORRIS

FIRST NAME - LAURA C.

ORIG OWNER -

ADDRESS LINE 1 - P.O. BOX 205 ✓

ADDRESS LINE 2 -

ADDRESS LINE 3 -

CITY - HAILEY

STATE - ID ZIP CODE - 83333

SOURCE - GROUNDWATER

TRIBUTARY OF -

STAGE - LICENSE

STATUS -

PRIORITY - 02-24-1966 COUNTY - SLAINE

TOTAL DIV. RATE - 1.5000 -CFS

TOTAL DIV. VOLUME - 70.00 AFA TRFR/AMEND -

WATER DIST. -

DLE/CAREY ACT -

RIGHT BASIS -

DIVERSION POINT - NWSW 04 02N 18E LOT REDIV -

0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

FROM - 04-01 TO - 10-31 USE - IRRIGATION

USE DIV. RATE - 1.5000 CFS USE DIV. VOLUME - .00 AFA

FROM - 01-01 TO - 12-31 USE - STOCKWATER

USE DIV. RATE - .0000 CFS USE DIV. VOLUME - .00 AFA

FROM - 01-01 TO - 12-31 USE - DOMESTIC

USE DIV. RATE - .0000 CFS USE DIV. VOLUME - .00 AFA

USE - IRRIGATION

PLACE OF USE - TWN 02N RNE 18E SEC 04 TRACT NWSW LOT AC 19 TRACT SWSW LCT AC 04

DECREE NAME -

DATE -

TOTAL ACRES 23

REMARKS - NOT EXCEEDING 1.5 CFS & 70 AFA FROM ALL SOURCES COLLECTIVELY. ✓

NON IRRIG USE -

OTHER RIGHTS FOR SAME USE -

PROOF DUE -

PERMIT/DENIED -

PROTESTED -

HEARING -

CLD NO. - 32750 ✓

PROOF MADE - FLD EXAM - COND. OF APPROVAL - 16 ✓

DIVERSION MEANS -

VERIFIED JDC

ACT
ION

N OWNER LAST NAME - DORRUS

FIRST NAME - FLOYD W.

N OWNER LAST NAME - DORRUS

FIRST NAME - LAURA C.

N

CITY - HAILEY

STATE - ID

N SOURCE - GROUNDWATER

N STAGE - LICENSE

PRIORITY - 02-24-1966 COUNTY - BLAINE TOTAL DIV. RATE - 1.5000CFS

N TOTAL DIV. VOLUME - 70.00 AFA

N DIVERSION POINT - NWSW 04 02N 18E

N FROM - 04-01 TO - 10-31 USE - IRRIGATION

USE DIV. RATE - 1.5000CFS

N FROM - 01-01 TO - 12-31 USE - STOCKWATER

N FROM - 01-01 TO - 12-31 USE - DOMESTIC

N USE - IRRIGATION

PLACE OF USE - TWN 02N RNG 18E SEC 04 TRACT NWSW

AC 19 TRACT SWSW

AC 04

N REMARKS - NOT EXCEEDING THIS AMOUNT FROM ALL SOURCES COLLECTIVELY.

ULD NO. - 32750

N

IDENT. NO. 372725

IDAHO DEPARTMENT OF WATER RESOURCES

WATER RIGHT
DATA ENTRY LOG[illegible]

February 9, 1970

Re: Permit No. G-32750

Mr. Floyd W. Dorius
P. O. Box 205
Hailey, Idaho 83333

Dear Floyd:

Thank you for your letter of February 3, 1970, inquiring about the License issued under your Permit No. G-32750. As you are probably aware, the Application was submitted to this office on February 24, 1966, seeking a right to appropriate 3 second feet of water from a well within the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 4, T.2N, R.18E, in Blaine County. The water was proposed to be used to irrigate 25 acres of land as a supplemental supply to canal water. You will recognize that the rate of diversion approved is six times the rate allowable under Idaho Statutes. However, it was approved in consideration of the particular soil condition which you apparently had within the area.

When you submitted proof, an inspection was made by this office which revealed that the well and pump are capable of diverting 5.73 c.f.s., which is three times the approved rate. When this was reviewed in connection with your presently existing rights, it was felt that the only logical means of controlling overuse of water under this Permit would be to limit the combined rate of diversion and total acre feet application under all rights combined. The 70 acre feet of water per year for the 23 acres of land appears to us to be adequate to irrigate acreage of this size. It also appears to fall in line with irrigation guide information available to us from the Soil Conservation Service. I therefore find no basis for changing the information in the License issued to you in October of 1969.

You are no doubt aware that the Idaho Statutes provide for an appeal to the District Court in the event that you are not satisfied with any action of this office. Such appeal would need to have been taken within 60 days of the date when the License was initially issued. If you care to discuss this matter further, please let me know.

Very truly yours,

R. KEITH HIGGINSON
State Reclamation Engineer

RKH/jib

32750

32-3797

228

Hailey, Idaho
February 3, 1970

MR. Keith Higginson, State Reclamation Engineer
State Department of Reclamation
107 State House
Boise, Idaho 83701

Dear Mr. Higginson:

We are having some problems in the efficient use of our irrigation water. Water is allocated in terms of inches of continuous flow per given tract of land; a function of the acreage. On small tracts of land the amount of water we would be allocated would not even reach the land because of ditch loss. Also in our gravelly soils large heads of water are required to push the water 75 to 100 feet; 260 inches which we have been using by grading time with our neighbors.

When I applied for my pump/well permit, No. G-32750 I applied for permission to use the whole stream while I had my pump on but I was only allocated 190 inches, which is inefficient use of water and of an irrigators time when he has to change the water every 45 minutes or an hour. My soil is known as a little wood gravelly loam. The top soil is a gravelly loam; 20 to 30 inches deep. Under this depth is coarse gravel grading into river rock; boulders, and sand.

Although it's difficult to get much irrigation efficiency out of this kind of soil, good hay crops are raised. Any ground water lost by deep percolation returns to the underground basin where it rides about 15 to 60 ft below the surface toward silver creek and bank seepage along big wood river.

I am herewith, again applying for use of my full pump well stream when I need to use it as I feel this is more efficient use of my well when I have to use it.

Also the farmer whom we traded water with (William Suehler) sold his ranch for the new owners purpose of subdivision. Our ditch loss for us other three with about 60 inches would be prohibitive to continue using this stream and we would be forced to sell our canal stream to others on the Hiwatha canal. In this case I will be forced to use my pump well exclusively as a source of irrigation water. I have a tree nursery, irrigated pasture and alfalfa which suffer on short water years.

Any thing you can do to help me with this situation will be appreciated.

Sincerely yours,

Lloyd W. Dorius
Lloyd W. Dorius, Owner

37-2725

32756

October 27, 1969

Re: Permit No. G-32750/37-2725

Floyd W. and/or Laura C. Dorius
P.O. Box 205
Hailey, Idaho 83333

Dear Mr. & Mrs. Dorius:

Enclosed you will find your Water License issued on the above
numbered permit.

Also enclosed is departmental receipt No. 3758 in the amount of
\$9.00 covering the fees.

Very truly yours,

C. Stephen Allred, Deputy
State Reclamation Engineer

CSA:kh

Enclosures

32750
37-2725

October 21, 1969

Re: Permit No. 32750/37-2725

Floyd W. &/or Laura C. Dorius
P. O. Box 205
Hailey, Idaho 83333

Dear Mr. & Mrs. Dorius:

A representative of this department has made an examination of the works covered by your Permit 37-2725 and has found the following:

Quantity of water diverted: 5.73

Amount of water that can be recognized as beneficially used under Idaho law: 1.5 c.f.s.

The maximum quantity diverted shall not exceed 70 acre feet per season ~~when combined with all other rights appurtenant to the same land and shall not exceed that amount.~~

Beneficial Use: for domestic, livestock, and irrigation of 23.3 acres in NW1/4, SEC. 4, T. 2N, R. 18E, B.M.

The priority date established is: February 24, 1966

A fee totaling \$ 9.00 must be received within 30 days from the date of this letter in order that we can issue you the Water License as described above.

Very truly yours,

Dean R. Reynolds
Field Examiner

DRR:mh

32750

37-2725

FURROW IRRIGATION

LITTLE WOOD RIVER GRAVELLY LOAM

Permeability (K) = 0.8 - 2 1/2" per ~~hour~~ hour



DITCH LARGE ENOUGH TO CARRY 1.0 cfs

AREA OF CONTACT PER FOOT OF LENGTH = 4.4 ft² / ft

PORE SPACE IN SOIL ABOUT 40%

LONGEST POSSIBLE LENGTH FOR DITCH 2640 ft.

$$\text{SEEPAGE LOSS PER HOUR} = (4.4 \text{ ft})(2640 \text{ ft})(0.4) \left(\frac{2.5}{12} \right) \frac{\text{ft}}{\text{hr}} = 968 \frac{\text{ft}^3}{\text{hr}}$$

$$Q_{\text{lost}} = \frac{968}{3600} = \underline{\underline{0.269 \text{ cfs}}}$$

IRRIGATION REQUIREMENT IS 18.87 INCHES per season

ASSUME 50% EFF. REQUIREMENT IS 37.74 INCHES

PEAK MONTH IS JULY FOR 6.62 INCHES

WITH 50% EFF. 13.24 INCHES

IRRIGATE EVERY ~~3~~ 6 DAYS. APPLY ~~2.3~~ INCHES 2.65 INCHES

IRRIGATE 4 ACRES PER DAY FOR 6 DAYS (12 HR DAY)

$$Q = 4 \text{ ACRES} \left(\frac{43,560 \text{ ft}^2}{\text{ACRE}} \right) \left(\frac{2.65 \text{ ft}}{12 \times \frac{12 \text{ HR}}{24 \text{ HR}}} \right) \left(\frac{1 \text{ HR}}{3600 \text{ SEC}} \right)$$

$$Q = \underline{\underline{0.89 \text{ cfs}}} \quad Q_{\text{TOTAL}} = \boxed{1.16 \text{ cfs}} \quad \text{(REFERENCED BACK)}$$

$$\text{VOL} = 72.16 \text{ ACRE-FT}$$

$$32750$$

$$37 - 2725$$

SCS OFFICE AT HAILEY LISTS PERMEABILITY FOR
THIS SOIL AT 0.8 TO $2\frac{1}{2}$ INCHES / HOUR

CONSUMPTIVE USE REQUIREMENTS:

"IRRIGATION GUIDE FOR SOUTHERN & SOUTHEASTERN IDAHO"

SOIL CONSERVATION SERVICE, BOISE, IDAHO 1967

BORDER IRRIGATION

$$g_u = \frac{D}{7.2 E_a (T)}$$

$$g_u = \frac{3.0}{7.2 (0.5) (60)}$$

$$g_u = 0.0139$$

4 ACRE STRIP WOULD BE ~~1320~~ 840' X 210'

~~$$Q = 0.0139 (8.4) (210)$$~~

~~Q =~~

$$Q = \frac{(0.0139) (8.4) (210)}{12}$$

$$Q = \underline{\underline{2.04 \text{ cfs}}}$$

For 0.5% slope, $K = 2.5''/\text{hr}$, $D = 3''$

$$g_u = 0.025$$

$$T = \frac{D}{7.2 (g_u) E_a} = \frac{3}{7.2 (0.025) (0.50)} = 33 \text{ min}$$

$$Q = (0.025) (8.4) \frac{(210)}{24} = \underline{\underline{1.84 \text{ cfs}}}$$

32750

37-2725



A
21.7

E
7.3 13.6

B
15.0

G
13.2

32/33
5/4

B
4.4

A
2.1

B
13.4

A
28.5

D
5.0

E
4.6

F
5.9

D
5.0

G
34.3

G
2.4

H
2.0

P.D.

A
15.4

E
2.1

A
5.2

FH
15.8

B
2.0

E
2.1

F
3.3

19

C
4.8

F
5.9

K
9

J
14.2

I
9.4

D
15.5

L
4.5

Source of supply Sub.
a tributary of _____
Location of P.D.(s) NW 1/4 SW 1/4 Sec. 4 T 2N R 18E

Water is used for irrigation
Quantity of water found 5.73 cfs
How was the measurement made? micrometer

Measurement calculations _____
100 CF IN 17 sec. = 5.87
100 CF IN 17.5 sec. = 5.73
200 CF IN 35 sec. = 5.73

Diversion works description and diagram
U.S. motor 30 H.P
Ser.# 2427737
LAYNE & Bowler No
DATA PLATE
12" Discharge into
Concrete Diversion
works into earth
ditches

Indicate area irrigated in each subdivision on the map. 2
Total acreage irrigated 23.3 Acres

If water is used for purposes other than irrigation, fully describe how the water is used and what is done with it after the use.

Who represented the permit holder at the examination?
MR. Dorius

Recommended allowance for licensing 1.5 cfs

Description of required amendments. Comments.

Report checked? _____
Examination date 13 Aug. 69
Signature [Signature] P.m.
D.J.T.

U.S. Motor
H.P. 30
245735

LAYNE
Bowler

R 18 E

12" Discharge

100 - 17 = 5.876
100 - 17.5 = 5.73
100 - 355cc = 5.73

23.1 Acres

Area = 23.1 Acres
Sub. = 2
= 1.5 cts

VOI = 70 acre-ft. (NOT EXCEEDING THIS AMOUNT FROM ALL SOURCES COLLECTIVELY)

Permit No. G-32750 37-

Name of Applicant Floyd W. and/or Laura C. Dorius, P. O. Box 205, Hailey, Idaho

Source of Water Subterranean

a tributary of _____

Location of P.D. NW1/4, Sec. 4, T. 2 N, R. 18 E, B.M., Blaine County

Water is used for Irrigation, Livestock Water and Domestic

Quantity of water claimed: Permit 3.0 c.f.s. not to exceed 125AF per annum Depositions 6 c.f.s.

Type of measuring device installed or method of measurement and general description of diversion works A pump well, concrete distribution box, and ditches. 114' x 16" H. 14' - Q. 5 to 6 c.f.s. Measured by Lane Pump Co.

Land to be irrigated or place of use:

TWP.	RGE.	SEC.	Description
2 N	18 E	4	W1/2SW1/4

Filed February 24, 1968
Due February 25, 1971

Total acreage 25
Made June 7, 1968
Priority: February 24, 1966

Other rights and acreage covered: (Indicate amounts, source, licensed or decreed, and acreage covered by subdivision; also show land covered on the map.)

44.9 miners inches of Hiwatha Canal Co. (1883) (Floyd and Laura Dorius owners)

REGISTRATION REQUIREMENT = 30 AC-FT/AFSA/SEASON

32750
37-3705

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Boise, Idaho

Permit No. 32750

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE
and Completion of Works

DEPOSITION OF HOLDER

Ques. 1. State your name, residence occupation and postoffice address: _____

~~Box 1, British-Saite Box 674, Hailly, Idaho, 83333, ASSE Office Manager USDA~~
~~Floyd W. Dorine, Box 205 Hailly, Idaho 83333 Part Time Farmer USDA Employee~~

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf:

NA

Ques. 3. State number, approval date of permit, and date of priority: 32750

²⁵
~~February 24, 1966~~, Date of priority, ~~same~~ 2-24-66

Ques. 4. State source of water supply: Subterranean
Give location of point of diversion, showing subdivision, section, township and range

NW $\frac{1}{4}$ of SW $\frac{1}{4}$ sec. 4 TWP 2N R 18 E

Ques. 5. Describe your works of diversion: A pump well, concrete distribution box,
and ditches; state amount of water they are capable of con-

veying from point of diversion to place of use: 6 CFS; Give name of canal or ditch

or other works by which water is conducted to such place of use: Hiwatha Canal Co. delivers

5.4 CFS. Rotation; if a well, state depth of well 111'; depth and size of

casing 16"; depth to water 14 ft.; if pump is used,

state discharge of pump: 5 CFS to 6 CFS; tell how it was measured or determined Lane

pump Co. tested well; if sprinkler irrigation, give number and size

of nozzles and operating pressure: _____

Ques. 6. State for what purpose water is used: Irrigation & livestock water
(If for irrigation, name each subdivision in which used and number of acres in each subdivision that have actually been irrigated with said water:

W $\frac{1}{2}$ of SW $\frac{1}{4}$ sec. 4 TWP 2N R 18E 25 to 27 acres

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JUN 10 1968
Department of Reclamation

George Boessler

32750

State nature of all improvements which have been made as a direct result of said use:

I have saved 4000 evergreen nursery trees. For two years my pasture, hay, grain, and truck garden have been green while other ^{neighbors} ~~land~~ irrigated from only river water show many burned areas from lack of water.

Ques. 6-a: If this is a ground water permit, give name and address of person that drilled the well: George Boessler, Shoshone Idaho

Ques. 7. If for other than irrigation purposes, show full legal description of place of use and state purpose for which water is used:

Livestock use water while grazing pastures and wall water is turned down ditch to yards when culinary pump at farmstead is out of order and being repaired

Ques. 8: If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder:

NA

Quest. 9: State when and in what amount the water diverted under above mentioned permit has been first used: August 1, 1966 - Time used since first use:

Off and on during the growing season of 1966, 1967, 1968. 5 CFS have been used; the capacity of my pump. This has not been continuous use.

Ques. 10. Describe all other water rights appurtenant to same place of use: I have

14.9 inches of 1883 hf Hiwatha Irrigation co. water which is delivered part time to me on a rotation basis of 250 ~~gals~~ inches to 275 inches

(sign) Flap D. Dorcas

I hereby certify that the foregoing testimony was read to the above subscribed, before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in

Hailey, County of Blaine, State of Idaho, on this 7th day of June, A. D. 1968.

My commission expires: Aug 10, 1971

32750

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
Boise, Idaho
Permit No. 32750

RECEIVED
JUN 10 1968
Department of Reclamation

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE
and Completion of Works

DEPOSITION OF WITNESS

The deposition of two witnesses on this form, taken separately, required in each case.

Ques. 1 State your name, age, residence, occupation and postoffice address:

Rex L. Braithwaite, Age 35, Box 674, Hailey, Idaho 83333, ASCS Office Manager USDA

Ques. 2 Are you acquainted with Floyd Deraus, the holder of
Permit No. 32750 ^{Yes}? How long have you known him and where does he reside?

Have Known Floyd for 6 Years, Resides one mile North of Hailey.

Ques. 3. Have you read or heard said Permit No. 32750 read, and are you familiar
with its provisions and conditions: Yes X No.

Ques. 4. State source of water supply: Subterranean

Give location of place of diversion, showing subdivision, section, township and range
NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 4 TWP-2N, Rg. 18E

Describe works for conveying water to place of use: Works for conveying water to place
of use. Pump well to cement distribution box thense by gravity irrigation ditches to various
fields of the farm.

Ques. 5. How many second feet of water do you estimate said works will safely conduct
to place of use: Abput 6 CFS How much water have you seen being so
conveyed? About 5 CFS

Ques. 6 If for irrigation, show number of acres irrigated in each subdivision, giving
full legal description: In NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec.4 20-25Acres
In SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec.4 5-7Acres.
All in TWP2N, Rg- 18E

32750

Ques. 7. If for other than irrigation purposes, show full legal description of place of use, and state purpose for which water is used.

Livestock use water while using pasture and water is used at stack yard (Center of Farm)
when House well is being repaired.

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

This is typical Big Wood River Valley Soil. The soil is gravally and requires large streams
of water. The water has to be changed often. The interval between irrigations must be weekly.
I have watched him irrigate with the stream. Even turning the full stream out at one place *
Ques. 9. Have you any ownership interest in the works, water or lands above mentioned?

If so, in what way and to what extent? None

Ques. 10. When did you first see this water used? Last of July or First of August 1966.

Other times you have seen such use: Off and on during the growing season of 1966, 1967, 1968.

(Signed):

Rep L. Beathout

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in _____

Harley, County of Blaine, State of Idaho, on
this 7 day of June, A. D. 1968

[Signature]

Notary Public for the State of Idaho

Residing Harley Idaho

My commission expires Aug 10, 1968

32750

Question No. 8.

the water will move down the field only 100to 150ft before he has to change the water to a new outlet. Some irrigators say as much as 15 acre feet a year are required for Big Wood River Soil. Although much water is lost through deep percolation, irrigation ~~XXXXXX~~ Companies this water is not lost but is again used for irrigation farther down the valley where it seeps into Big Wood River or in Silver Creek and Artesian Wells. Production of pasture, Alfalfa and grain are good.

32750

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
Boise, Idaho
Permit No. _____

RECEIVED
JUN 10 1968
Department of Reclamation

* * * * *

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE
and Conservation of Waters

DEPOSITION OF WITNESS

The deposition of two witnesses on this form, taken separately, required in each case.

Ques. 1 State your name, age, residence, occupation and postoffice address:

C. T. GREEN - 63 - HAILEY, IDAHO, LUMBER DEALER

Ques. 2 Are you acquainted with FLOYD DUPUIS, the holder of Permit No. 32750? How long have you known him and where does he reside?

5 YEARS - NORTH CE HAILEY

Ques. 3. Have you read or heard said Permit No. 32750 read, and are you familiar with its provisions and conditions: Yes ✓ No. _____

Ques. 4. State source of water supply: SUBTERRANEAN

Give location of place of diversion, showing subdivision, section, township and range

NW 1/4 - SW 1/4 - SEC 4 T 2N R 18E

Describe works for conveying water to place of use: PUMP TO

DIVERSION BOX - THENCE BY DITCH TO PLACE OF USE

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use: 5 CFS How much water have you seen being so

conveyed? 5 CFS

Ques. 6 If for irrigation, show number of acres irrigated in each subdivision, giving full legal description:

W 1/2 SW 1/4 SEC 4 T 2N R 18E

APPROXIMATELY 25 ACRES

32750

Ques. 7. If for other than irrigation purposes, show full legal description of place of use, and state purpose for which water is used.

LIVESTOCK

SAME AS IRRIGATED LAND

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

THIS IS VERY ROCKY SOIL - REQUIRES EXCESSIVE WATER FOR

GRAIN CULTURE. HAVING NOTICED FULL STREAM - ONLY
RUNNING DOWN FLOOD 150 FT.

Ques. 9. Have you any ownership interest in the works, water or lands above mentioned?

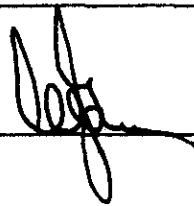
If so, in what way and to what extent? NO

Ques. 10. When did you first see this water used? AUGUST 1966

Other times you have seen such use: OFF & ON DURING IRRIGATION

SEASON SINCE INSTALLATION

(Signed):



I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in

Nauvay, County of Blaine, State of Idaho, on
this 7 day of June, A. D. 1968



Notary Public for the State of Idaho

Residing Nauvay Idaho

My commission expires Aug 10 1971

RECEIVED
Department of Information

Affidavit of Publication

STATE OF IDAHO, } ss.
County of Blaine,

NEAL R. NYBLAD, being first duly sworn deposes and says that he is now and all times herein mentioned has been the Managing Editor of The Hailey Times, which is now, and all times herein mentioned has been a newspaper as defined in Section 60-106 of the Idaho Code printed, regularly issued and published weekly at Hailey, in Blaine County, Idaho, and having a general circulation in said county, and having not less than 200 bona fide subscribers living within said county, and that said newspaper has been continuously and uninterruptedly so printed and published as a weekly newspaper in said county during the period of 78 consecutive weeks prior to the first publication of the annexed true copy and at all times since, and that said annexed true copy was so published in the regular edition of said newspaper, The Hailey Times, and not in any supplement thereof, for
4 consecutive weeks commencing with the first publication thereof on the 2nd day of May, 1968 and ending with the last publication thereof on the 23rd day of May, 1968.

Cost of this publication is \$22.44

Neal R. Nyblad
NEAL R. NYBLAD

Subscribed and sworn to before me, this 5th day of May, 1968.

George D. Smith
Notary Public for Idaho
Residing at Hailey,
Blaine County, Idaho.

1. The name and address of person whose name is on the annexed true copy of the newspaper is Neal R. Nyblad, Editor, The Hailey Times, P. O. Box 209, Hailey, Idaho.
2. The name of the person who has been sworn to before me is Neal R. Nyblad.
3. The name of the person who has been sworn to before me is Neal R. Nyblad.
4. The point of publication of the annexed true copy is at Hailey, Idaho.
5. The name of the person who has been sworn to before me is Neal R. Nyblad.
6. The date of the first publication of the annexed true copy is May 2, 1968.
7. The date of the last publication of the annexed true copy is May 23, 1968.
8. The date of the first publication of the annexed true copy is May 2, 1968.
9. The date of the last publication of the annexed true copy is May 23, 1968.
10. The date of the first publication of the annexed true copy is May 2, 1968.
11. The date of the last publication of the annexed true copy is May 23, 1968.

32750

June 10, 1968

Re: Permit No. G-32750

Floyd W. and/or Laura C. Dorius
P. O. Box 205
Hailey, Idaho 83333

Dear Mr. and Mrs. Dorius:

We acknowledge receipt of the depositions and affidavit of publication in the
Hailey Times submitted as proof of com-
pletion of works and beneficial use on Permit G-32750.

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

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:dj

32750

June 10, 1968

Re: Permit No. G-32750

Floyd W. and/or Laura C. Dorius
Hailey, Idaho 83333

Dear Mr. and Mrs. Dorius:

Pursuant to your letter of June 7, 1968, we are forwarding a claim form. A document of this type can be filed with the county court house although this particular document is filed with the Department of Reclamation.

If we can be of further assistance, please contact us.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:dj

Enc: claim form

32750

RECEIVED

JUN 10 1968

Department of Reclamation

Hailey, Idaho
June 7, 1968

Re: permit no. G-32750

Mr. Donald W. McEldowney
Appropriation Examiner
Department of Reclamation, State of Idaho
107 State House
Boise, Idaho 83701

Dear Mr. McEldowney:

Attached are completed and notarized forms 16-2M, 17A-4M(2 each) and the affidavit of publication by the local editor are herewith attached to establish proof of application of water to beneficial use and completion of works.

I would appreciate any instructions and advice you can give us to properly record this well right in the county court house. Will you send me the proper documents authorizing the county to record this water. Thank you.

Very truly yours,


Floyd W. Dorius & Laura C. Dorius

Enc: 4

32750

June 4, 1968

Re: Permit No. G-32750
Floyd W. and/or Laura C. Dorius

The Hailey Times
Hailey, Idaho 83333

Gentlemen:

Enclosed is a copy of the statement recently submitted to this department. The item circled in red has been incorrectly billed to us. In our letter to you of April 24, 1968, we specifically requested the bill be sent to Floyd W. and/or Laura C. Dorius, P. O. Box 205, Hailey, Idaho.

Payment for the other three items will be made promptly.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:DJ

Enc: Copy of statement

32750

Affidavit of Publication

NOTICE OF DIVERSION OF WATER TO BENEFICIAL USE

Notice is hereby given that on June 7, 1968, at Hailey, County of Blaine, State of Idaho, before notary public V. E. Jeppesen, 115 South Main, Hailey, Idaho 83333, proof will be submitted of the completion of works for the diversion of 3.0 c.f.s. of the waters of a subterranean source, and the application to beneficial use of said water, in accordance with the terms and conditions of permit G-32750, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and address of permit holder is Floyd W. and or Laura C. Dorius, P. O. Box 205, Hailey, Idaho.

2. Said works of diversion will be fully completed on the date for such completion, and the amount of water which said works are capable of conveying to the place of use is 3.0 cubic feet per second.

3. The use to which said water has been applied is irrigation, livestock water, and culinary (domestic) purposes, and the amount applied to beneficial use is 3.0 c.f.s.

4. The point of diversion of said water is NW 1/4 SW 1/4, Sec. 4, T. 2N., R. 18E., B.M., Blaine County.

5. The place where said water is used is W 1/2 SW 1/4, Sec. 4, T. 2N., R. 18E., B.M.

6. The date of priority which said user is prepared to establish is February 24, 1966.

K. K. HIGGINSON

STATE OF IDAHO, }
County of Blaine, } ss.

NEAL R. NYBLAD, being first duly sworn deposes and says that he is now and all times herein mentioned has been the Managing Editor of The Hailey Times, which is now, and all times herein mentioned has been a newspaper as defined in Section 60-106 of the Idaho Code printed, regularly issued and published weekly at Hailey, in Blaine County, Idaho, and having a general circulation in said county, and having not less than 200 bona fide subscribers living within said county, and that said newspaper has been continuously and uninterruptedly so printed and published as a weekly newspaper in said county during the period of 78 consecutive weeks prior to the first publication of the annexed true copy and at all times since, and that said annexed true copy was so published in the regular edition of said newspaper, The Hailey Times, and not in any supplement thereof, for

Four consecutive weeks commencing with the first publication thereof on the SECOND day of MAY, 1968, and ending with the last publication thereof on the 9th day of MAY, 1968.

Cost of this publication is \$ 22.44

Neal R. Nyblad
NEAL R. NYBLAD

Subscribed and sworn to before me, this 24th day of MAY, 1968.

F. W. Hannon
Notary Public for Idaho
Residing at Hailey,
Blaine County, Idaho.

32750

*Copy to be sent
to Boise.*

RECEIVED

JUN 7 1968

Department of Reclamation

**NOTICE OF PROOF OF
COMPLETION OF WORKS
AND APPLICATION OF
WATER TO BENEFICIAL USE**

Notice is hereby given that on June 7, 1968, at Hailey, County of Blaine, State of Idaho, before notary public V. K. Jeppesen, 113 South Main, Hailey, Idaho 83333, proof will be submitted of the completion of works for the diversion of 3.0 c.f.s. of the waters of a subterranean source, and the application to beneficial use of said water, in accordance with the terms and conditions of permit G-32750, heretofore issued by the Department of Reclamation of the State of Idaho.

1. The name and address of permit holder is Floyd W. and/or Laura C. Dorius, P. O. Box 205, Hailey, Idaho.

2. Said works of diversion will be fully completed on the date for such completion, and the amount of water which said works are capable of conveying to the place of use is 3.0 cubic feet per second.

3. The use to which said water has been applied is irrigation, livestock water, and culinary (domestic) purposes, and the amount applied to beneficial use is 3.0 c.f.s.

4. The point of diversion of said water is NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 4, T. 2N., R. 18E., B.M., Blaine County.

5. The place where said water is used is W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 4, T. 2N., R. 18E., B.M.

6. The date of priority which said user is prepared to establish is February 24, 1966.

R. KEITH HIGGINSON
State Reclamation Engineer
Pub. 5-2, 9, 16 and 23.

32750

Re: Permit No. G-32750

April 24, 1968

Floyd W. and/or Laura C. Dorius
P. O. Box 205
Hailey, Idaho 83333

Dear Mr. and Mrs. Dorius:

This acknowledges receipt of the notice of intent to make proof of completion of works and application of water to beneficial use for permit No. G-32750.

We have mailed the notice to the ~~Hailey~~ Hailey Times to be published once a week for four consecutive weeks prior to June 7, 1968, which is the hearing date when the permit holder Floyd W. and/or Laura C. Dorius and two disinterested witnesses must appear before V. K. Jeppesen, notary public, to complete the enclosed depositions. The witnesses must be familiar with the works and permit.

After the hearing, the depositions and an affidavit of publication must be submitted to this office. The affidavit may be obtained from the newspaper when the advertising bill is paid by Floyd W. and/or Laura C. Dorius. Be sure all the forms have the notary's seal and are signed. Please feel free to contact us if we may be of any assistance.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWM:dj

Enc: Depositions

cc: Notary

32750

April 24, 1968

Re: Permit No. G-32750
Floyd W. and/or Laura C. Dorius

Hailey Times
Hailey, Idaho 83333

Gentlemen:

Enclosed is a legal notice which we wish to have published for four consecutive weeks prior to June 7, 1968. The expense of the publication is to paid by Floyd W. and/or Laura C. Dorius,
P. O. Box 205, Hailey, Idaho,

to whom you should furnish the affidavit of publication on or before the above date. Please acknowledge receipt of this notice by furnishing this office with a tear sheet for checking prior to the first publication.

Very truly yours,

Donald W. McEldowney
Appropriation Examiner

DWN:cj

Enc: legal notice

3-2750

RECEIVED
JUN 10 1968
DEPT. OF RECLAMATION

**NOTICE OF PROOF OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**

Notice is hereby given that on June 7, 1968, at Hailey,
County of Blaine, State of Idaho, before notary public (name & address) V.K. Jeppesen, 113 South Main Hailey Idaho 83337, proof will be
submitted of the completion of works for the diversion of 3.0 c.f.s. of the waters
of a subterranean source, and the application to beneficial use of said water,
in accordance with the terms and conditions of permit G-32750, heretofore issued by
the Department of Reclamation of the State of Idaho.

1. The name and address of permit holder is Floyd W. and/or Laura C. Dorius,
P. O. Box 205, Hailey, Idaho.

2. Said works of diversion will be fully completed on the date for such completion,
and the amount of water which said works are capable of conveying to the place of use is
3.0 cubic feet per second.

3. The use to which said water has been applied is irrigation, livestock water,
and culinary (domestic) purposes, and the amount applied to beneficial
use is 3.0 c.f.s.

4. The point of diversion of said water is NW1/4 Sec. 4, T. 2 N, R. 18 E,
B.M., Blaine County.

5. The place where said water is used is W1/2 SW1/4, Sec. 4, T. 2 N, R. 18 E, B.M.

6. The date of priority which said user is prepared to establish is _____
February 24, 1966.

R. KEITH HIGGINSON

State Reclamation Engineer

32750

84

(This completed form authorizes the Department of Reclamation to publish the required notice at your expense.)

State Reclamation Engineer:

You are hereby authorized to have the attached notice published at my expense in the Hailey Times of Hailey, Idaho 83333; published in the county in which the works are situated.

(signature)

(address)

(date)

In case of canals or other works designed to divert and carry more than 50 cubic feet of water per second, the following certificate must be signed by a well known and competent engineer when proof is for completion of works.

I hereby certify that the facts set forth in the attached notice are true.

Engineer

32750

Hailey, Idaho
April 19, 1968

RECEIVED

APR 22 1968

Department of Reclamation

Mr. Keith Higginson
State Reclamation Engineer
Department of Reclamation
State of Idaho
State House, Boise 83701

Dear Mr. Higginson:

Thank you for the prompt consideration given our request for proof of completion of works and application of water to beneficial use under permit no. G-32752. I did not think we had mail service of this speed; talking to you on the phone just before lunch and finding these forms in the afternoon mail pickup. Please forgive my concern in that my original request by mail had already been promptly taken care of by you.

Attached are the completed forms nos. 11 and 36 necessary for advertising and establishing the use of our well. I assume form 36A is instructions to us and can be kept for future reference.

Sincerely yours


Floyd W. Dorius

Attachments; 2

F.W.D.

32750

April 15, 1968

Re: Permit No. G-32570

Floyd W. and/or Leann C. Dorius
P. O. Box 205
Hailey, Idaho 83333

Dear Mr. and Mrs..Dorius:

Pursuant to your letter of April 3, 1968, we are enclosing proof forms for your use. Please follow the instructions on Form 36A in completing Forms 36 and 11.

If we can be of further help, please contact us.

Very truly yours,

Donald W. McElDowney
Appropriation Examiner

DWM:dj

Enc: Forms 36A, 36, and 11

Hailey, Idaho
April 3, 1968

RECEIVED

Department of Reclamation

Mr. R. Keith Higginson
State Reclamation Engineer
Department of Reclamation
107 State House Boise, Idaho

Re: Application -G40918
Permit -G32750

Dear Mr. Higginson:

Will you please advertise my pump well in the legal section where necessary to establish my right for 3 CFS. I have used this well during the irrigation season during 1966 and 1967. This well is located in the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 4, TWP 2N R-18E.

The name and address of the permit holder is Floyd W. // or & Laura C. Dorius, Box 205 Hailey, Blaine County, Idaho.

These works of improvement have been tested and the results forwarded to your office. Said works of improvement are capable of delivering 3 CFS of water for irrigation use. The land is located in the SW $\frac{1}{4}$ of Section 4 TWP 2N; R 18 E.

The date which we are prepared to establish is 8/1/ 1966 as the date of beneficial use.

Sincerely yours

Floyd W. Dorius
Laura C. Dorius
Floyd & Laura C. Dorius

32750

RECEIVED
Log No. 100
Rec. SEP 7 1936
Well No. 19
Department of Reclamation
Permit No. 32250

32750

WELL LOG

From Feet	To Feet	Type of Material	Drilling Time		Water-bearing Formation Ans. Yes or No	Casing Perforated Ans. Yes or No
			Hrs.	Min.		
0	2	Topsoil			No	No
2	18	Med Boulders & Gravel			No	No
18	34	Water Bearing Gravel & Coarse Sand			yes	yes
34	44	Hardpan & Gravel Small amt water			yes	yes
44	62	Clay & Gravel no water			yes	yes
62	71	Water Bearing Med Gravel			yes	yes
71	82	Coarse Gravel & Clay Small amt water			yes	yes
82	93	Med Gravel & Clay & Small amt water			yes	yes
93	112	Good Water Bearing Gravel			yes	yes
112	114	Gravel & Clay			No	No
If more space is required use Sheet No. 2						

WELL DRILLERS STATEMENT

This well was drilled under my jurisdiction and the above information is true and correct to the best of my knowledge and belief.

Signed

George J. Roessch

By

George J. Roessch

NOTARIZATION NOT NECESSARY
UNDER NEW LAW.

Dated _____, 19____

License No. _____

Subscribed and sworn before me this _____ day of _____, 19____

Notary Public

My commission expires _____

Residing at _____

32750

RECEIVED
SEP 7 1966

LAYNE PUMPS, Inc.

VERTICAL TURBINE PUMPS

Department of Reclamation

PHONE 733-3284

P. O. BOX 640

TWIN FALLS, IDAHO 83301

WELL TESTING REPORT AND AGREEMENT

There for all well testing to be cash upon completion of test Engine Time 4 1/2 Hours

NAME Floyd Dorius LOCATION Malley, Idaho DATE 7-25-66

I.D. Well 16" Well Depth 114' Amount of Casing in Well 114'

Static Water Level 74 Will Well Pump Sand? 710 Orifice Size 9

Bowl Capacity Max 12 Discharge Pipe to Use 12 Size of Col. & Length 10 x 80'

Time	Water Level Ft. from Top	R.P.M.	Orifice Reading Inches	G.P.M.	Minor Inches	Remarks — Sand? Cascading Water? etc.
11:15	14'-17"	600	FIX 9.5	1120		Colored Water
12:15	18'	750	15	1400		Clearing
12:45	18'-5"	900	23.5	1732		Colored Water
1:20	21'-8"	1050	34.5	2075		Colored Water
1:45	25'-6"	1200	44	2309		Colored Water
2:30	33'	1250	46.5	2375		Colored Water

4:00 PM 44' 1550 2690 Clear

A minimum charge of \$.....for installing and pulling test pump, \$.....for one hour engine time, plus \$.....per hour for each succeeding hour of engine time. An additional charge of \$.....per foot for 8" column or smaller, or \$.....per foot for 10" column will be charged for every foot over 200'.

\$..... Plus \$..... Plus \$..... Plus \$..... Equals \$.....
(Column Setting) (1st Hr. Engine) (Hrs. @ \$.....) (Mileage) (Total Minimum Charge)

Without grace for value received, I promise to pay to the order of the Layne Pump, Inc., the above mentioned amounts, payable upon completion of well test. I also agree that if this note be placed with an attorney for collection or suit, I agree to pay a reasonable attorney's fee. If not paid at maturity, this note shall thereafter draw interest at the rate of eight per cent (8%) per annum until paid. Layne Pumps, Inc., will in no way be held liable for damage or losses to customer's well that may occur during well testing.

Cash paid \$271.00

APPROVED BY:

Floyd Dorius
(Owner of Well)

7/25/66
(Date Well Tested)

APPROVED BY:

(Layne Pumps, Inc.)

32750

LAYNE PUMPS, Inc.

VERTICAL TURBINE PUMPS

PHONE 733-3284

P. O. BOX 640

TWIN FALLS, IDAHO 83301

RECEIVED
SEP 7 1966

Department of Reclamation

WELL TESTING REPORT AND AGREEMENT

There for all well testing to be cash upon completion of test

NAME Floyd W. Davis LOCATION NW 1/4 of 36 1/2 Sec 4 T4P2N11E1 DATE 7/25/66

I.D. Well Well Depth Amount of Casing in Well

Static Water Level Will Well Pump Sand? Orifice Size 10"

Bowl Capacity Max Discharge Pipe to Use Size of Col. & Length x

Time	Water Level Ft. from Top	R.P.M.	Orifice Reading Inches	G.P.M.	Minor Inches	Remarks — Sand? Cascading Water? etc.
2:45	37	1350	27	2565		Colored Water
3:00	43	1450	28	2610	Air bubbles in water-Colored Water	
4:00	44	1550	30	2690	Air bubbles in water-Clear Water	
4:00	Shut Off Engine					

A minimum charge of \$.....for installing and pulling test pump, \$.....for one hour engine time, plus \$.....per hour for each succeeding hour of engine time. An additional charge of \$.....per foot for 8" column or smaller, or \$.....per foot for 10" column will be charged for every foot over 200'.

\$..... Plus \$..... Plus \$..... Plus \$..... Equals \$.....
(Column Setting) (1st Hr. Engine) (Hrs. @ \$.....) (Mileage) (Total Minimum Charge)

Without grace for value received, I promise to pay to the order of the Layne Pump, Inc., the above mentioned amounts, payable upon completion of well test. I also agree that if this note be placed with an attorney for collection or suit, I agree to pay a reasonable attorney's fee. If not paid at maturity, this note shall thereafter draw interest at the rate of eight per cent (8%) per annum until paid. Layne Pumps, Inc., will in no way be held liable for damage or losses to customer's well that may occur during well testing.

APPROVED BY:

Floyd W. Davis
(Owner of Well)

7/25/66
(Date Well Tested)

APPROVED BY:

(Layne Pumps, Inc.)

32750

RECEIVED
SEP 7 1966

Hailey, Idaho
September 5, 1966

Mr. Carl E. Tappan
State Reclamation Engineer
State Of Idaho
107 State House
Boise, Idaho 83701

Department of Reclamation

Re: Permit no G-32750 --Floyd We &
/or Laura C. Dorius

932750
Dear Mr. Tappan:

Attached is the well log pertaining to our well. Also attached is the official results of the test pertaining to the quantity which the well is capable of producing.

We have pumped this well off and on for the last month. If possible we would like someone to check the well and see how we are using the water.

The flow exceeded our expectations in many ways. When the well was being dug we made arrangements to buy a used pump. We expected to lift 80 feet.

When we applied we applied for 3 cfs. This pump is throwing 250 miners inches approximately. We would like to use this much water while we are irrigating. This is the same size stream we have been using from the river on a rotation basis. This size stream, on this gravelly ground, is more efficient to use than a smaller stream. This soil takes in the water very rapid and the water has to be changed every 45 minutes or hour; some places every half hour. By having this much water I can run two streams and can change them both at the same time. In this way I can get over the land much faster and make better use of an irrigations time.

Although this gravelly ground wastes some water by deep percolation the water is not lost as it returns again to silver creek and the big wood river. One has to be conscious of the damage to the land from the leaching of fertility from the soil. Large heads of water for short periods of time is the best way to avoid leaching.

This is a standby well to be used only when the river water is short; unless I decide I can afford to pump every year and dispose of my river water. Other than for the power guarantee we are financially better off with the assessments and river water on normal snow-fall years.

We solicit your approval and support for the water situation we have with these soils. Thank you.

32750
Sincerely yours

Floyd W. Dorius

Attachments; 2

Answered by personal call DW

March 9, 1966

Re: Permit No. G-32750
Floyd W. and/or Laura C. Dorius

Mr. Floyd W. Dorius,
Box 205,
Hailey, Idaho.

Dear Mr. Dorius:

We enclose Permit No. G-32750 in which we direct
your attention to the limitations and conditions as given on the
fourth page under approval of the State Reclamation Engineer

We also enclose Departmental Receipt No. G-10176
which was issued covering payment in the amount of \$ 5.50
for the filing fee of the above mentioned permit.

Very truly yours,

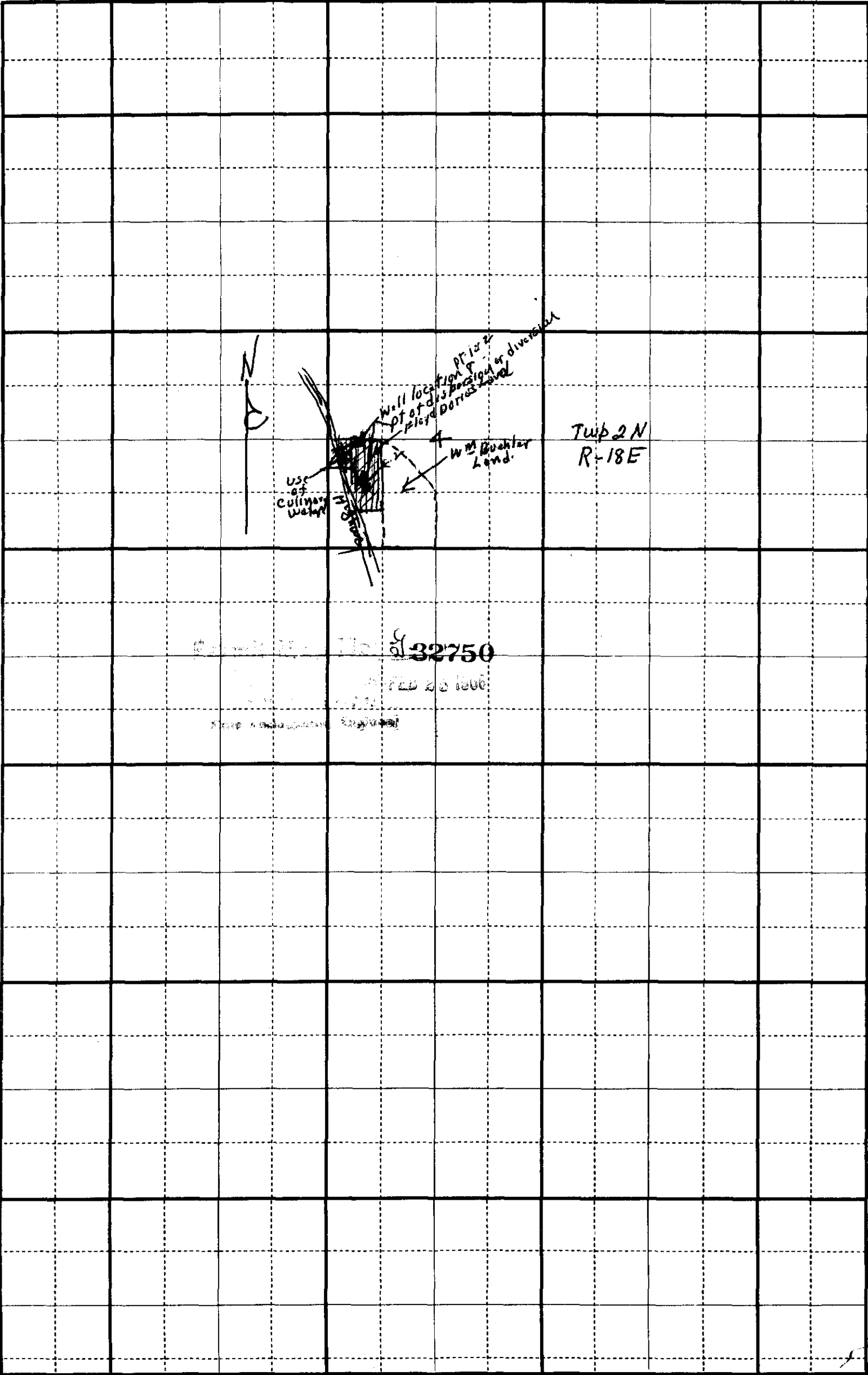
(MRS.) EDNA P. RULE
Chief Clerk

EPF:pmk

30 140

NAME OF APPLICANT.....*Flaya J. DORRUS*.....

Form No. 0



SCALE: 2 Inches Equal 1 Mile. Draw Plan In Ink.

32750

Hailey, Idaho
Feb. 19, 1966

Re: Application for permit and
telephone conversation today.

Mr. Donald J. Watts
Office Engineer
Dept. of Reclamation
State of Idaho
Boise, Idaho 33701

RECEIVED
FEB 24 1966

Dear sir;

We are herewith returning our application and check for the amount of \$5.50 for drilling a well for supplemental irrigation water. As we discussed on the telephone all changes are agreeable except item #2. I refer you to my letter in connection with the well application s of C.W. Gardner and of R.J. Struthers which were approved for supplemental water on the basis of my explanation of the soil requirements of these gravelly soils. In short the Little Wood soils are productive but its impossible to get the efficiency out of water which is possible with average soils. The gravelly nature makes canal, river and ditch loss very high. Also one cannot irrigate with a smal stream With 3cfs. and border ditches one can only push the water over the land about 100 feet. Water must be changed every thirty minutes. Because the water holding capacity of the soil is only fair, water for most crops is required every week (pasture) to 10 days for hay and grain.

With my present rights of 45 miners inches (1883) I'm able to irrigate only because of the goodness of my neighbor, Wm. Buhler who proportions time with me. If for some reason he should decide to not do this I'd never get my water to the land. If this should happen I'd have to sell my present rights and rely entirely on the well.

This, I hope, explains to you why I need a well which produces at least 3 cfs.

Thank you for your patience and consideration.

Yours truly,

Alfred M. Dorees

February 17, 1966

RE: Application for Permit

Floyd W. Dorius
Hailey, Idaho

Dear Mr. Dorius:

Returned herewith is your application and check in the amount of \$5.50.

You will note several changes have been made in the application under #2, 9 and 12. Mr. Buehler's land and proportionate share of water has been removed for reason of uncertainty. If Mr. Buehler wants water from the well he can file on it with your consent whenever he is ready.

If the changes are agreeable return the application with \$5.00 fee.

Very truly yours,

DONALD J. WATTS
Office Engineer

DJW:ejw
Encl: application
check in amount of \$5.50

2-27-66

Hailey, Idaho
February 15, 1966

Mr. Carl E. Tappan, State Reclamation Engineer
And

Mr. Robert W. Hamilton, Supervisor of Water Distribution,
Department of Reclamation
107 State House
Boise, Idaho 83701

Re: Water District No. 7-AB & 11 AB

Dear Mr. Tappan & Mr. Hamilton:

Thank you for the forms you sent me the last of November. I finally got the application for a permit to drill a well prepared. I hope there are not too many loose ends for you to approve this permit. If possible I would like to keep this alternative of Buehler helping with the well. The permit and sketch maps are enclosed.

We of the SCS want to thank you for your patient attitude in helping the groups which constructed diversion structures on the river to comply with the law. I know they are all glad an engineer was hired to inspect the work as it progressed. Although the water content of the big wood drainage is only 80% of normal I feel much better than if it was 300% of normal as it was last year. I know the people could not stand another flood year like last year. I'm not so sure I could either.

Very truly yours


Floyd W. Dorius

Encl.-- one completed No. 3
Two sketch maps on forms No. 0
Check for filing fee; \$5.50

22750