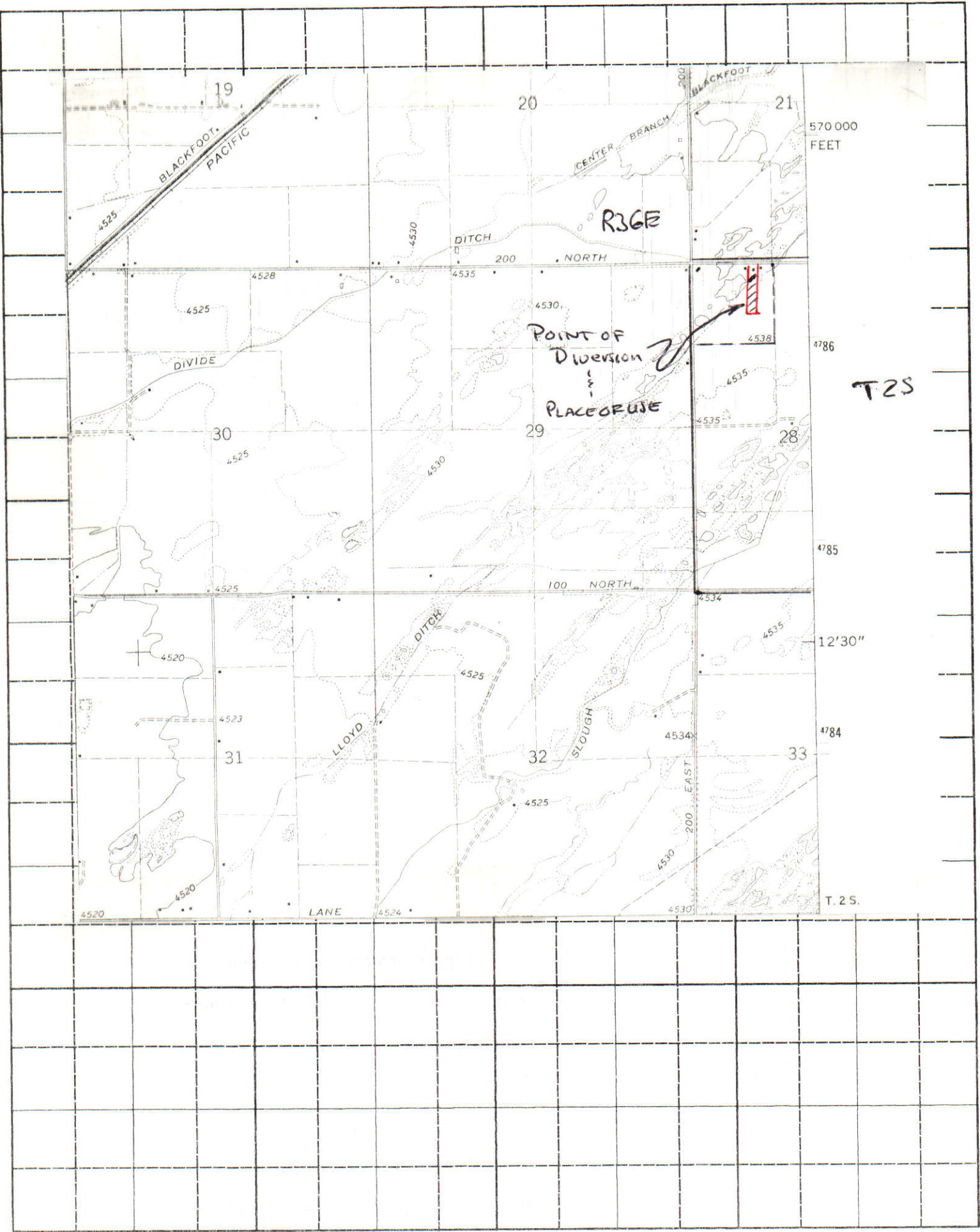


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

X Ronald D Hughes
(Applicant)

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

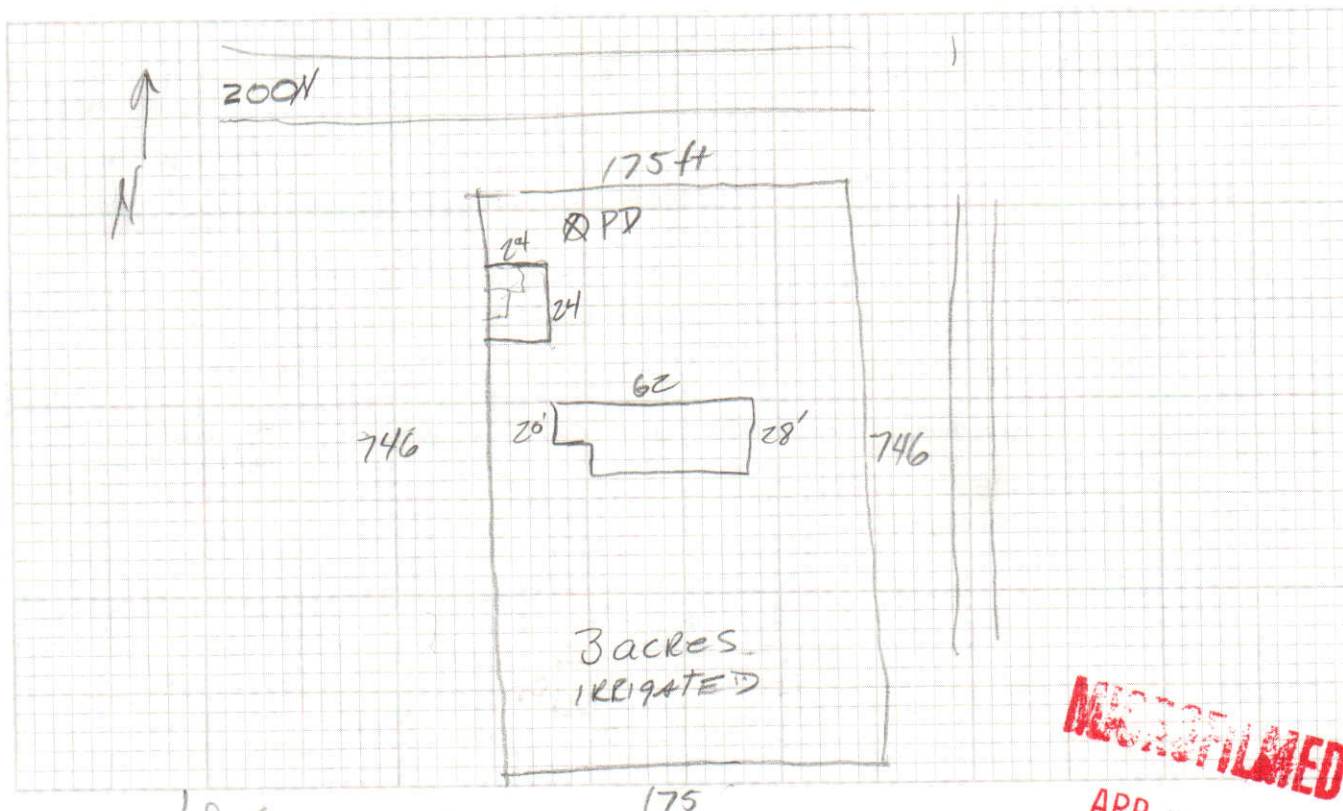
- Permit No. 27 7409
Phone No. 785-5166
1. Owner: RONALD D or BARBARA S Hughes
Current Address: 217 E 200 N Blackfoot ID 83221
2. Accompanied by: Ron Hughes EXAM. DATE: 6-10-86
Address: SAME AS ABOVE Phone No. _____
Relationship to Permit Holder: _____
3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE ☐ Copies Attached
2. Other water rights with same point of diversion: NONE ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = No Scale

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2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).
☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

27-7409

R 36 E

POINT OF DIVISION

PLACE OF USE

28

T2S

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BLACKFOOT

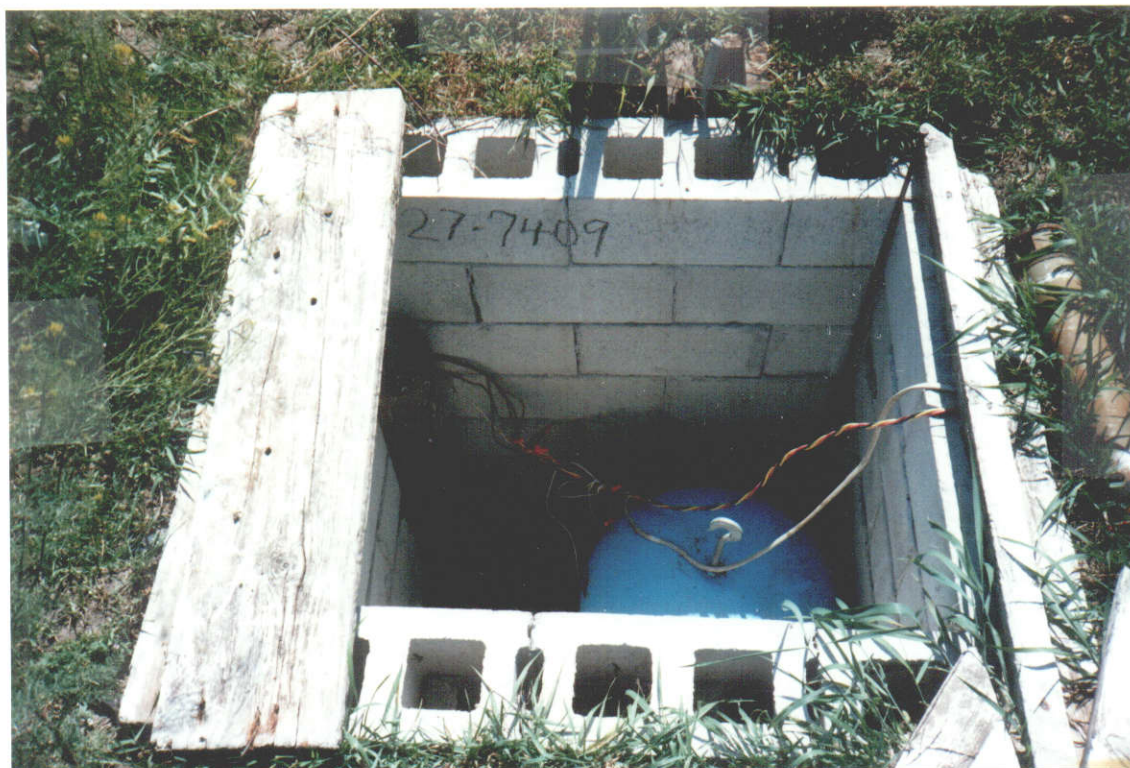
RIVER

Mile 19

(LINCOLN CREEK)
3570 II NW

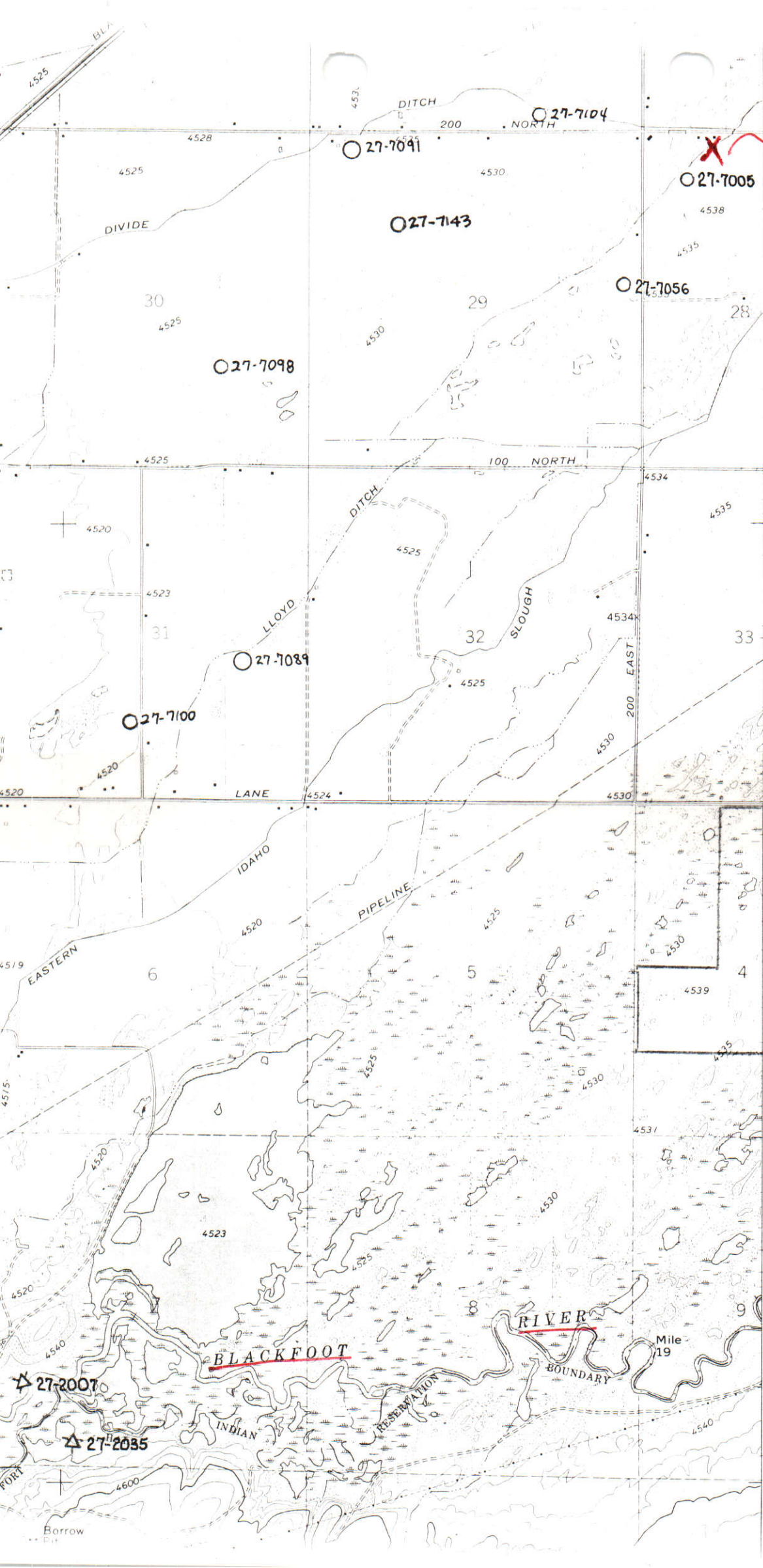


#27-7409



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*proposed
P14 P1u*

27-7004
27-7091
27-7005
27-7143
35-7956
35-7955
27-7056
01-4007 (2)
35-4096

27-7098

27-7148
27-7138

35-7339
35-2790
27-7089
35-7687

27-7099
27-7100

01-4037
35-4114
27-7074
27-7259

27-2128
27-7047
27-2143

27-2142

27-7084
27-4017

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27-7306

27-7149
27-2035 (2)
27-2007 (2)

27-7054
27-7290
27-7239

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 27-7409

Priority: July 9, 1985 Amount: .11 CFS 11.9 AFA

This is to certify, that RONALD D. HUGHES
BARBARA S. HUGHES

217 E. 200 N.

BLACKFOOT, ID 83221

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated June 12, 1985, and has submitted proof to the Department of Water Resources on November 28, 1986, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .11 cfs of water from a GROUNDWATER source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Irrigation	03/15 to 11/15	.06 cfs	10.5 afa
Stockwater	01/01 to 12/31	.02 cfs	.2 afa
Domestic	01/01 to 12/31	.04 cfs	1.2 afa
Totals		.11 CFS	11.9 AFA

LOCATION OF POINT OF DIVERSION(S): NWNW , Sec. 28, Township 2S, Range 36E
Bingham County

PLACE OF USE: Irrigation

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
2S	36E	28	NWNW	3			3

Total number of acres irrigated: 3

PLACE OF USE: Stockwater, same as Irrigation use

PLACE OF USE: Domestic, same as Irrigation use

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 15th day of March, 19 88.

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APR 01 1988

Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant RONALD D. or BARBARA S. HUGHES Phone 785-5166

Post office address 217 E. 200 N., Blackfoot, ID 83221

2. Source of water supply groundwater which is a tributary of _____

3. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 28 Township 2S

Range 36E B.M. Bingham County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.06 cfs for Irrigation purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-foot per annum)

Amount 0.04 cfs for Domestic purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-foot per annum)

Amount 0.02 cfs for Stockwater purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-foot per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-foot per annum)

5. Total quantity to be appropriated:

a. 0.12 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well/pump (1½ hp) to one home and sprinklers.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 6 inches; proposed depth of well is 60 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 years (minimum 1 year – maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 28 Township 2S
Range 36E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered 10 horses

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water one.

(5) If water is to be used for other purposes describe: _____

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
2S	36E	28						3											3

Total number of acres to be irrigated 3

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

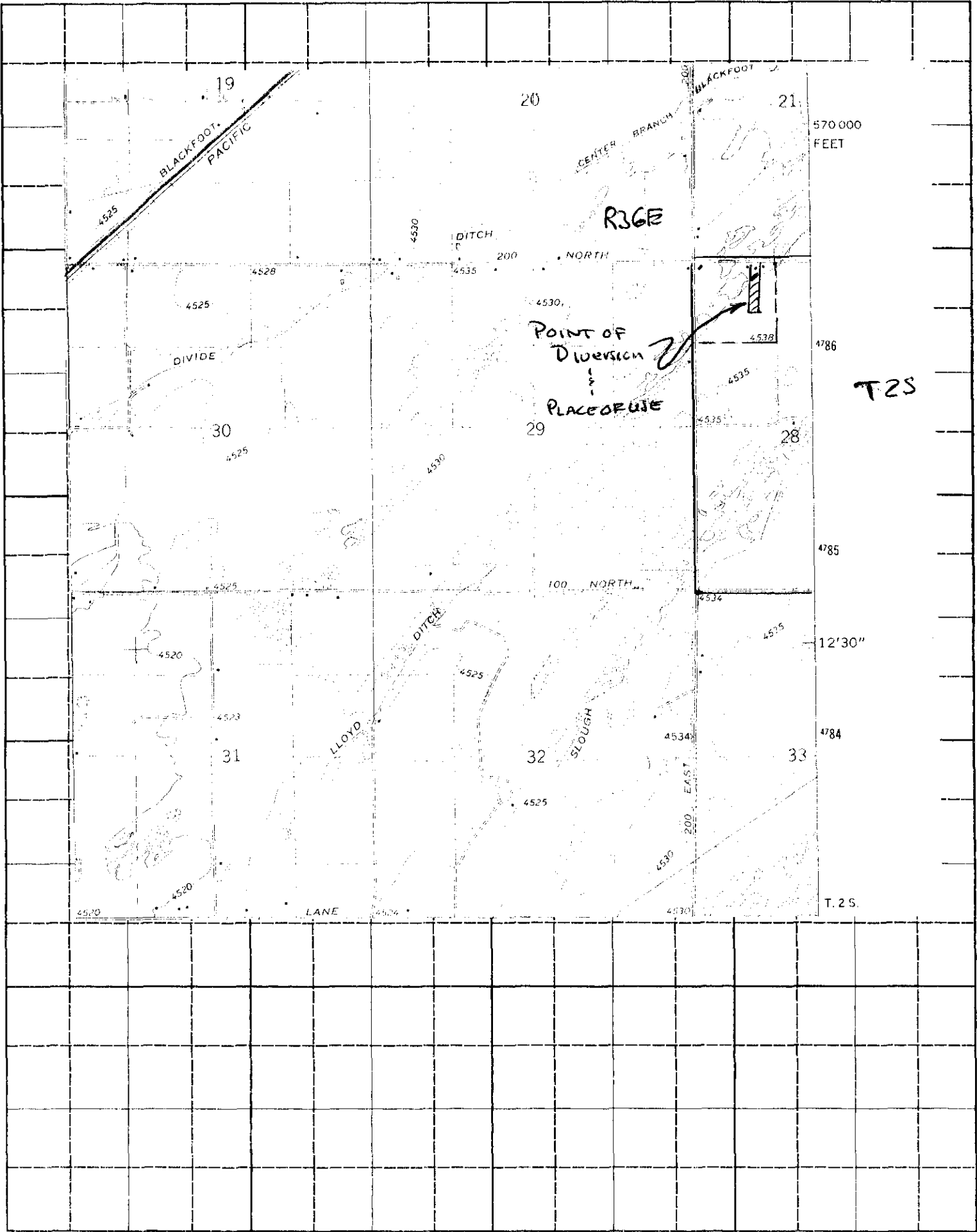
9. a. Who owns the property at the point of diversion Applicant

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

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

10. Remarks This system was in place and pumping as of 1977. A well log and affidavit will be submitted with this application.

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.

Ronald A. Hughes
(Applicant)

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Proposed Priority 6/12/85

MICROFILMED

Received by CT Date 6-12-85 Time 9:34 a.m.
Preliminary check by HWS Fee \$ 3000 # 33320
Receipted by CT Date 6-12-85
Publication prepared by CT Date 8-28-85
Published in Morning News
Publication dates 9-5-85 9-12-85
Publication approved CU Date 9-20-85
Protests filed by: none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by EMC KW

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 27-7409, 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 November 1, 19 86.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other: Use of water under this permit is subject to control by the watermaster of State Water District No. 27, Blackfoot River.

Witness my hand this 8th day of October, 1985.

J. Glen Sayton
Chief, Operations Bureau

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 27-7409 IN THE)
NAME OF RONALD D. OR BARBARA S. HUGHES) ORDER OF REINSTATEMENT
_____)

WHEREAS, the Department has issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use (proof of beneficial use) be submitted on or before November 1, 1986; and,

WHEREAS, the Department has notified the permit holders by certified mail that proof was due and instructed the permit holders of the steps to be taken to submit the proof of beneficial use; and,

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

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

WHEREAS, the permit holders have provided a reasonable showing why the permit should be reinstated by submitting proof of beneficial use on November 28, 1986;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 27-7409 be REINSTATED and the priority advanced to July 9, 1985.

Dated this 6th day of February, 1987.


L. GLEN SAXTON
Chief, Operations Bureau



IN THE MATTER OF:

AFFIDAVIT

State of Idaho

County of Bonneville

Ronald D. Hughes being first duly sworn,
deposes and says: That his domestic well and sprinkler system
for property in the NW 1/4 NW 1/4 of section 28 (3 acrs) T2S R36E
has been in place and used since May of 1977.

Ronald D Hughes
(signature)

Subscribed and sworn to before me this 23rd day of May 19 85.

Ronald P. Carlson
(notary public)

Residing at Firth Id
My commission expires 2/14/86

MICROFILMED

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name JOHN J. HARRIS
Address 2101 N. 1st St., Boise, ID 83705
Owner's Permit No. _____

7. WATER LEVEL

Static water level 15 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ ° F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

2. NATURE OF WORK

☐ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning) _____

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M. Grew Down Hours Pumped

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type) _____
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole _____ inches Total depth 37 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>1/2</u> inches	<u>4</u> inches	<u>0</u> feet	<u>1</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

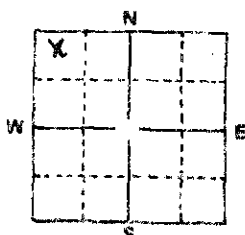
Was casing drive shoe used? ☐ Yes ☒ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch
Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ NoManufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feetGravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feetSurface seal depth _____ Material used in seal ☐ Cement grout
☐ Pudding clay ☐ Well cuttingsSealing procedure used ☐ Slurry pit ☐ Temporary surface casing
☐ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Blaine
NW NW
_____ 1/4 Sec. 20, T. 4 N/S, R. 36 E/W

10.

Work started 4/16/77 finished 4/20/77

11. DRILLERS CERTIFICATION

Firm Name JOHN J. HARRIS Firm No. 72Address 2101 N. 1st St., Boise, ID 83705 Date 4/20/77

Signed by (Firm Official) _____

and
(Operator) John J. Harris

RECEIVED

SEP 19 1985

Department of Water Resources
Eastern District Office

**NOTICE OF APPLICATION
FOR WATER RIGHT**

The following applications have been filed to appropriate the public waters of the State of Idaho:

27-7385

CITY OF BLACKFOOT
157 N. Broadway
Blackfoot, Idaho 83221
Source: GROUNDWATER
Date Filed: 06/30/1983
Diversion Pt.: SWNE, Sec. 27, T. 02S, R. 35E.
Use: IRRIGATION (1.40 CFS).
In: NENE, NWNE, SWNE, SENE, Sec. 27, T. 02S, R. 35E, NENW, NWNW, Sec. 26, T. 02S, R. 35E, for 72 ACRES.

27-7409

HUGHES, Ronald D. 8761
BARBARA S.
217 East 200 North
Blackfoot, Idaho 83221
Source: GROUNDWATER
Date Filed: 06/12/1985
Diversion Pt.: NWNW, Sec. 28, T. 02S, R. 36E.
Use: IRRIGATION (0.06 CFS)
STOCKWATER (0.02 CFS)
DOMESTIC (0.04 CFS)
In: NWNW, Sec. 28, T. 02S, R. 36E, for 3 ACRES.

The permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho, 83402, on or before September 23, 1985.

KEN DUNN, Director

(8775)
Pub.: 9-5, 12

AFFIDAVIT of PUBLICATION

County of Bingham

State of Idaho Kaye Dayton

I, _____
solemnly

Advertising Manager

swear that I am the _____ of
The Morning News which is a daily newspaper of general
circulation published each day except Sunday at
Blackfoot, Bingham County, Idaho, said newspaper hav-
ing been so published at Blackfoot, aforesaid for more
than one year past; that said newspaper heretofore com-
plied with all the provisions of Chapter 164 of the Ses-
sions Laws of Idaho of 1933, approved March 11, 1933,
and duly designated, pursuant to law, a particular day of
the week as the day on which legal notices required by
law or by the order of any Court of competent jurisdiction
within the State of Idaho shall be published to-wit: Thursday
of each week; that the notice attached hereto and which
is a part of this affidavit and part of the proof of
publication was published in said issue or said
newspaper 2 consecutive weeks

the first publication having been made on the
5th day of September, 19 85,

and the last publication having been made on the
12th day of September, 19 85,

that said notice was published in the regular and entire
issue of every number of the paper as aforesaid during
the period and time of publication, and that notice was
published in the newspaper and not in a supplement.

Kaye Dayton

Subscribed and sworn to before me this 17th

day of September, 19 85.

Patricia A. Johnson

Notary Public for the State of Idaho,
Residing at Blackfoot, Idaho
My commission expires
Oct. 20, 1988

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February 23, 1988

RONALD D. & BARBARA S. HUGHES
217 E. 200 N.
BLACKFOOT, ID 83221

RE: Permit No. 27-7409

Dear Permit Holder(s):

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

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

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

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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March 15, 1988

RONALD D. & BARBARA S. HUGHES
217 E. 200 N.
BLACKFOOT, ID 83221

RE: Permit No. 27-7409

Dear Permit Holder(s):

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

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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APR 01 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

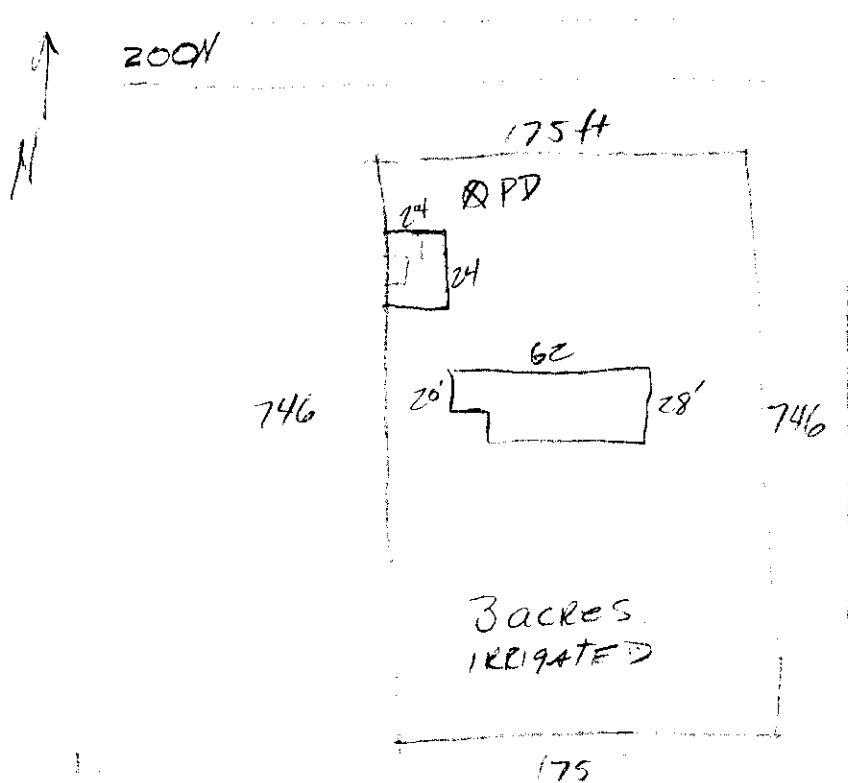
Permit No. 27 7409
1. Owner: RONALD D OR BARBARA S HUGHES Phone No. 785-5166
Current Address: 217 E 200 N BLACKFOOT ID 83221
2. Accompanied by: RON HUGHES EXAM. DATE: 6-10-86
Address: SAME AS ABOVE Phone No. _____
Relationship to Permit Holder: _____
3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE ☐ Copies Attached
2. Other water rights with same point of diversion: NONE ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = A

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).
☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

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System Description (continued)

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

1 1/2 HP submersible pump + the well driller's report shown to me by Ron H. says the static water level is 78 feet. He has 2 Lines of 4 pipe 3" dia each totaling 8 birds. They IRRIGATE Lawn garden + pasture. The only area NOT IRRIGATED is the area taken out for the house + stable. He currently has 1 Horse possibly 2 Horses later. The pump is RATED 35 gpm

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
		1 1/2			

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NE	NW	NW	28	2S	36E	Bingham	USGS MAP

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
2S	36E	28						N/S											
								344											

MICHAEL J. JAMES

APR 01 1989

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
PITOT GAUGE	Liquid Filled	RAIN BIRD	RBG-L160PB		0-160psi	
Theoretical						

2. Measurements:

$Q = 1.5 \times 8.814 \times 80\% = .11 \text{ cfs}$
 $30' 28' + (30 \times 2.308)$
 Ave pressure using PITOT GAUGE = 20 psi
 RAINBIRD nozzle size 5/32" 3.26 gpm

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

RAINBIRD CHART

5/32 nozzle @ 20 psi = 3.26 gpm/bird $\times 8 = 26.1 \text{ gpm} = .06 \text{ cfs}$

2. Alternate Method for Checking Purposes:

Theoretical .11 cfs

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi $\times 2.31 =$ _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP: (3) $\times$ (4) $\div 8.8 =$ _____ (5)

Meter Input KW: 3.6 $\times$ _____ KH $\times$ _____ CTR or _____ MULT $\times$ _____ PTR $\times$ _____ N/ _____ T = _____ (6)

Meter Input HP: (6) $\times 1.34 =$ _____ (7)

Panel Input KW: _____ Ave PF $\times$ _____ Ave Volts $\times$ _____ Ave Amps $\times .001732 =$ _____ (6)

Panel Input HP: (6) $\times 1.34 =$ _____ (7) Efficiency: (5)/(7) $\times 100 =$ _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3.5 = 10.5 \text{ afa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 245$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 10.5 \text{ afa}$

2. Volume Calculations for Other Uses:

1 HOME $\times 1.2 \text{ afa} = 1.2 \text{ afa}$

0-10 ANIMALS = .2 afa
1.4 afa

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	3-15	11-15	.06	10.5
DOMESTIC	1-1	12-31	.04	1.2
STOCK WATER	1-1	12-31	.02	.2
Totals:			.11 cfs	11.9 afa

2. Recommended Amendments

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

J. AUTHENTICATION

Field Examiner's Name SAMUEL FILETTI
Signature Samuel Filetti
Certification Date 8-4-87
Field Report Preparation Date _____

Steve McCormick

CONSULTANT SEAL

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

MICROFILMED

APR 01 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

Permit No.

1. Measurement Calculations

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

b) Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{3.5}$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: _____

b) Other water rights with same point of diversion: _____

c) Analysis:

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APR 11 1985

10 day

Date 1-25-88

WATER RIGHT NO. 27-7409

Priority: July 9, 1985 Amount: .11 CFS 11.9 AFA

This is to certify, that RONALD D. HUGHES
BARBARA S. HUGHES

217 E. 200 N.

BLACKFOOT, ID 83221 has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated June 12, 1985, and has submitted proof to the Department of Water Resources on November 28, 1986, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .11 cfs of water from a **GROUNDWATER** source and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Irrigation	03/15 to 11/15	.06 cfs	10.5 afa
Stockwater	01/01 to 12/31	.02 cfs	.2 afa
Domestic	01/01 to 12/31	.04 cfs	1.2 afa
Totals		.11 CFS	11.9 AFA

LOCATION OF POINT OF DIVERSION(S): NWNW , Sec. 28, Township 2S, Range 36E
Bingham County

PLACE OF USE: Irrigation

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
2S	36E	28	NWNW	3			3

Total number of acres irrigated: 3

PLACE OF USE: Stockwater, same as Irrigation use

PLACE OF USE: Domestic, same as Irrigation use

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this _____ day of _____, 19____.

MICROFILMED

Director

APR 01 1988

27-7409

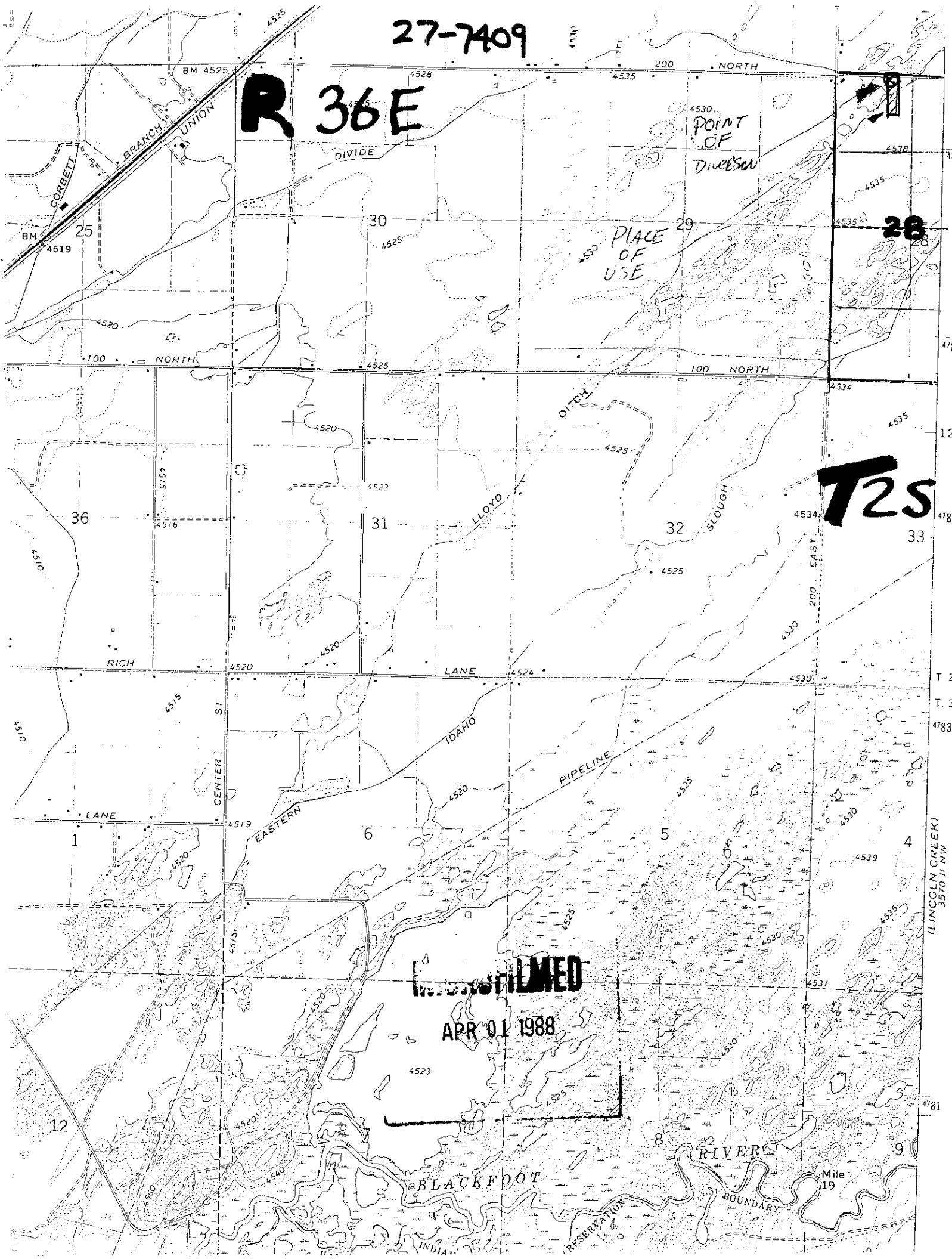
R 36 E

28

T2S

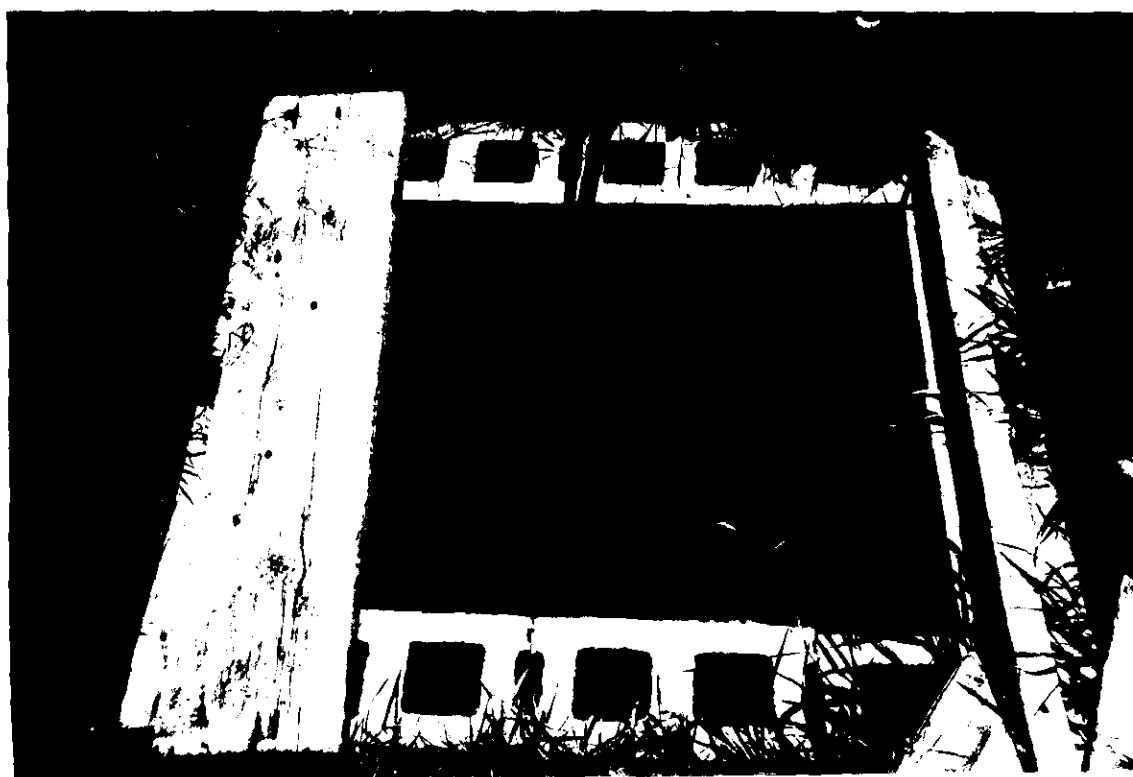
RECORDED

APR 01 1988





#27-7409



APR 01 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

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

MARCH 24, 1987

RONALD D. HUGHES
217 EAST 200 NORTH
BLACKFOOT ID 83221

RE: Permit No. 27-7409

Dear Permit Holder:

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

Enclosed please find a copy of an order involving your permit.

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

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

If you have any questions regarding the field examination, please contact this office by phone at 525-7161 or in person in the third floor State Office Building, 150 Shoup, Idaho Falls, Idaho.

Sincerely,
s/HAROLD W. JONES
Sr. Resource Agent

Enclosure

MICROFILMED

APR 01 1988

CALCULATION OF NEW PRIORITY DATE

FROM: RITA FLECK

TO: FILE # 27-7409

DATE: 2-5-1987

Date proof received

332

Nov. 28, 1986

Proof due

-305

Nov. 1

Number of day proof late

27

Priority date

+163

June 12, 1985

New priority date

190

July 9, 1985

Remarks:

RECEIVED

NOV 1986

RECEIVED
DEC 10 1986

Department of Water Resources

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received \$50.00

Date 12-15-86

Receipt # 40885

Receipt by J.F.

Reviewed by J.F.

Sent to region 4-2-86

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 27-7409

Name(s) of Permit Holder: Ronald D. or Barbara S. Hughes

Post Office Address: 217E - 200N Blackfoot, Idaho 83221

Telephone No. 785-5166

Source of Water: Under ground

Extent of Use:

Domestic 1 (number of households) Stockwater 3 (number and type of stock)

Irrigation 3 (acres) Other/Remark This pump is capable

of pumping 35 gal per minute.

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

Show the date water was first diverted and beneficially used under this permit: 1977

Measuring Device: Required? Yes ☒ No
Installed? Yes ☒ No

Fee enclosed \$ \$50.00 \$50.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? Yes ☒ No
Installed? Yes ☒ No

Person to contact to accompany the Department representative during the field examination:

Ronald D. Hughes 785-5166
(Name) (Telephone Number)

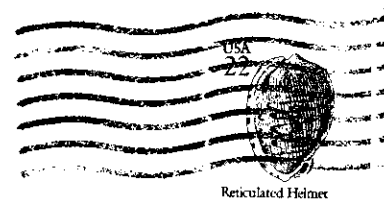
217E - 200N Blackfoot, Idaho 83221
(Address)

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Nov 26, 1986 Ronald D. Hughes
Date Signature of Permit Holder (and title, if appropriate)

Ronald D. Hughes
217 E. 200 N
Blackfoot, Idaho
83221

Dept. of Water Resources
State House
Boise, Idaho
83720



RECEIVED
DEC 10 1986

December 2, 1986

Ronald D. or Barbara S. Hughes
217 East 200 North
Blackfoot, ID 83221

Dear Mr. and Mrs. Hughes:

Re: Permit No. 27-7409

Returned is the proof of beneficial use form along with your check No. 0874 (92-284/1241) in the amount of \$15.00. Also enclosed is the department's proof of beneficial use instruction sheet. Note the fee is incorrect for this form.

Based on 35 gallons per minute, which is about 0.08 cubic feet per second, the fee is \$50.

Please return the fee and proof form promptly to have the permit reinstated.

If you have any questions concerning this matter, please feel free to contact this office.

Sincerely,

RITA I. FLECK
Secretary/Records Manager

Enclosures

RECEIVED

DEC 10 1986

Arnold R. Hughes
175 200 N
Franklin, Idaho
83221



Dept of Water Resources
State House
Boise, Idaho
83720



10/27/86

I A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
NOVEMBER 13, 1986

HUGHES, RONALD D. & BARBARA S.
217 EAST 200 NORTH
BLACKFOOT, ID 83221

LAPSE NOTICE

RE: PERMIT NO. 27-7409

DEAR PERMIT HOLDER:

YOU ARE HEREBY NOTIFIED THAT UNDER THE PROVISIONS OF SECTION 42-218A, IDAHO CODE, THE ABOVE REFERENCED WATER PERMIT HAS LAPSED. THIS OFFICE DID NOT RECEIVE EITHER AN ACCEPTABLE PROOF OF BENEFICIAL USE SUBMITTAL OR AN ACCEPTABLE REQUEST FOR AN EXTENSION OF TIME. YOU WERE PROVIDED THE PROPER FORMS IN OUR PROOF OUR NOTICE TO YOU DATED AUGUST 31, 1986.

YOUR PERMIT CANNOT BE REINSTATED UNLESS YOU SUBMIT PROOF OF BENEFICIAL USE OR SUBMIT AN EXTENSION OF TIME REQUEST SHOWING REASONABLE CAUSE FOR DELAY. EITHER THE COMPLETED PROOF OF BENEFICIAL USE SUBMITTAL (INCLUDING THE EXAMINATION FEE OR A COMPLETED FIELD EXAMINATION REPORT) OR THE EXTENSION REQUEST FORM TOGETHER WITH THE \$15 FEE MUST BE RECEIVED BY THIS DEPARTMENT WITHIN SIXTY DAYS OF THE DATE OF MAILING OF THIS LAPSE NOTICE OR THE PERMIT WILL NO LONGER BE OF ANY FORCE OR EFFECT.

A PROOF OF BENEFICIAL USE FORM AND A REQUEST FOR EXTENSION OF TIME FORM ARE AGAIN ENCLOSED FOR YOUR USE. PLEASE NOTE THAT ONLY ONE EXTENSION OF TIME CAN BE GRANTED UNLESS THE PROJECT HAS NOT BEEN COMPLETED BECAUSE OF LACK OF A NECESSARY APPROVAL BY A GOVERNMENTAL AGENCY OR BY LITIGATION WHICH MIGHT BRING TITLE TO THE WATER IN QUESTION.

D. GLEN SAXTON
CHIEF, OPERATIONS BUREAU

ENCLOSURES

LGS:RF

CERTIFICATION OF MAILING
I hereby certify that this letter was
mailed by registered mail, return receipt requested, on
November 11, 1986.
D. Glen Saxton
D. Glen Saxton

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL
AUGUST 31, 1986

138228

HUGHES, RONALD D. & BARBARA S.
217 EAST 200 NORTH
BLACKFOOT, ID 83221

PROOF DUE NOTICE

RE: PERMIT NO. 27-7409

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF THE ABOVE REFERENCED WATER PERMIT WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE NOVEMBER 1, 1986. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST.) ENCLOSED IS A FORM WHICH WHEN ACCOMPANIED BY THE LICENSE EXAMINATION FEE OR A COMPLETED FIELD EXAMINATION REPORT PREPARED BY A CERTIFIED WATER RIGHT EXAMINER MAY BE USED TO SUBMIT THE REQUIRED PROOF.

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

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

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

Aug 31 1986

October 9, 1985

RE: Permit No. 27-7409

Ronald D. or Barbara S. Hughes
217 E. 200 N.
Blackfoot, ID 83221

Dear Permit Holder:

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval on the fourth page.

Please note that one of the conditions of approval is that the diversion of water under this permit is subject to the control of a State Watermaster. The reason for this is that some hydrologic studies of rivers in the state indicate that wells constructed in the sand and gravel aquifers of the river areas may intercept water that otherwise would have entered the river. However, the extent of the alluvial material thickness is not known nor is the precise degree of interference of wells with surface water flows. Studies do indicate that as much as 50% of the water diverted from a well located one mile from the river would have reached the river if impermeable layers of clay or hard rock do not separate the river from the aquifer from which the well is producing.

The information available to us at this time does not warrant refusing to issue you a permit but does merit cautioning you that any permit issued by the Department cannot deprive water users, with earlier rights, of their water supply.

The reason for conditioning the permit and explaining the potential interference problem is to make you aware that future tests may definitely show that diversion of water from your well should be administered together with the older surface water priorities of the river and its tributaries. If this were to occur, it would essentially mean that there would not be water available for a diversion from your well since the surface water system is fully appropriated. By locating your well as far from the river as possible and by casing out upper water producing zones as the well is constructed, you may be able to reduce the amount of interference with the river.

MICROFILMED

Page 2

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed for your convenience is the statement of beneficial use that must be submitted when your project is completed.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc
Enclosures

RECEIVED
WATER RIGHTS DIVISION
JAN 10 1970

INTER-DEPARTMENT MEMO — 1

FROM

Kay Walker *KW*

DATE

10-7-85

TO

Application for Permit No. *27-7409*

SUBJECT

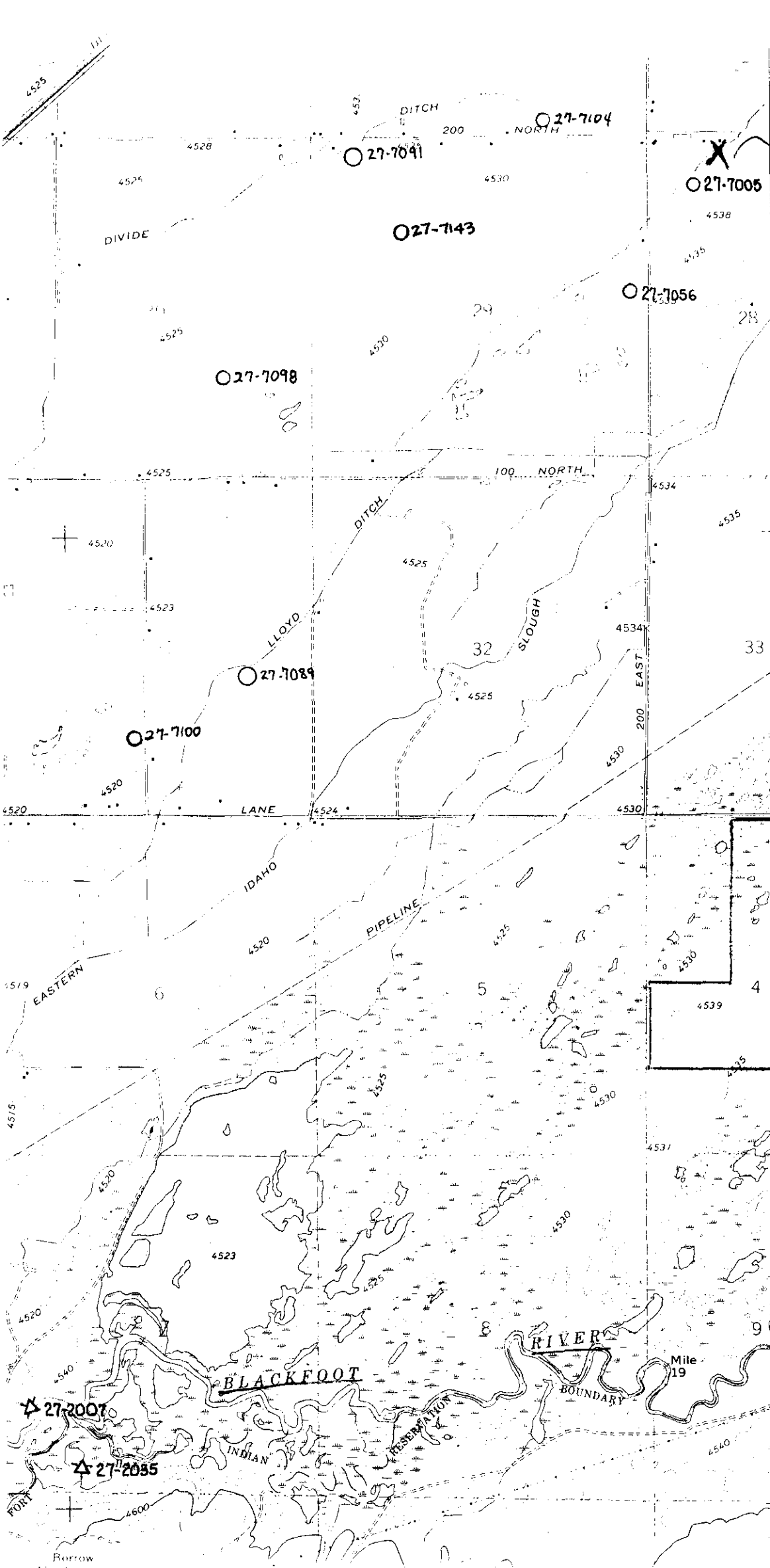
Watermaster Control Recommendation

Pursuant to review of this application, I recommend that it be subject to watermaster control because of the close proximity of the well to the river and the shallowness of the well itself. ^(6C)

MICROFILMED

SIGNATURE

proposed
PLU P1u



- 27-7005
- 27-7143
- 35-7156
- 35-7455
- 27-7056
- 01-4007 (2)
- 35-4086
- 27-7098
- 27-7148
- 27-7138
- 35-7339
- 35-2790
- 27-7089
- 35-7687
- 27-7099
- 27-7100
- 01-4037
- 35-4114
- 27-7074
- 27-7159
- 27-2128
- 27-7047
- 27-2143
- 27-2142
- 27-7084
- 27-4017
- 27-7306
- 27-7149
- 27-2035 (2)
- 27-2007 (2)
- 27-7054
- 27-7290
- 27-7139

RECEIVED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: HWS

APPLICATION NUMBER: 27 7409

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.

Field check by: _____

Date: _____

Comments: _____

- ☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

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

Copies sent by: _____

Date: _____

PROCESSING:

- ☐ Yes ☒ No
☐ Yes ☒ No

Platted by: _____ Map No. _____

Other rights on same place of use. _____

- ☒ Yes ☐ No*

In form for advertising. -42-203C

Final date for protests: 7-23-85

- ☐ Yes ☒ No

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

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 9-19-85
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.

- ☐ Yes ☒ No

Measuring device required.

- ☐ Yes ☒ No

Access port required.

- ☒ Yes ☒ No

Will water be delivered by watermaster? If yes, what district? 27

- 6-12-85

Date of priority recommended.

Special conditions of approval or cover letter. _____

app. not identified in S.E. suit - DCMI

By: Ernest Carlson

Date: Sept. 23, 1985

STATE OFFICE REVIEW:

121, 116

05(27, Blackfoot River)

- ☐ See attached sheet for more information.

By: KW

Date: 10/7/85

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

* TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

I.D. # 27-7409Ident. No. 27 7409

STATE OF IDAHO

ACRES IRR. 3 DEPARTMENT OF WATER RESOURCES
PRIORITY 6-2-85 APPLICATION FOR PERMITconsidered
nonconsumptiveSTATUS app To appropriate the public waters of the State of Idaho1. Name of applicant RONALD D. or BARBARA S. HUGHES Phone 785-5166Post office address 217 E. 200 N., Blackfoot, ID 832212. Source of water supply groundwater which is a tributary of _____3. Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 28 Township 2SRange 36E B.M. Bingham County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.06 cfs for Irrigation purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)Amount 0.04 cfs for Domestic purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)Amount 0.02 cfs for Stockwater purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.12 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well/pump (1½ hp) to one home and
sprinklers.b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir
capacity _____ acre-feet, materials used in storage dam: _____Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)c. Proposed well diameter is 6 inches; proposed depth of well is 60 feet.7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 1 years (minimum 1 year – maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 28 Township 2SRange 36E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered 10 horses(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water one.

(5) If water is to be used for other purposes describe: _____

UNRECORDED

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before JULY 15, 1985.

KEN DUNN, Dir.

Published 6/27 & 7/4/85.

MICROFILMED

27-7409

HUGHES, RONALD D. &/or BARBARA S.

217 EAST 200 NORTH, BLACKFOOT, ID 83221

Source: GROUNDWATER

Date Filed: 06/12/1985

Diversion Pt: NWNW Sec 28 T 02S R 36E

Use: IRRIGATION	(0.06 CFS)
STOCKWATER	(0.02 CFS)
DOMESTIC	(0.04 CFS)

In: NWNW Sec 28 T 02S R 36E FOR 3 ACRES

27-7409
HUGHES, Ronald D. &/or
BARBARA S.
217 East 200 North
Blackfoot, Idaho 83221
Source: GROUNDWATER
Date Filed: 06/12/1985
Diversion Pt.: NWNW, Sec. 28, T. 02S, R.
36E.
Use: IRRIGATION (0.06 CFS)
STOCKWATER (0.02 CFS)
DOMESTIC (0.04 CFS)
In: NWNW, Sec. 28, T. 02S, R. 36E, for 3
ACRES.

The permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, **Idaho Code** and/or the new public interest criteria of Sec. 42-203C, **Idaho Code**. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho, 83402, on or before September 23, 1985.

KEN DUNN, Director

(8775)
Pub.: 9-5, 12

UNRECORDED

