

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A27-07409
Date Received: 4/14/1989
Receipt No: E006854
Received By: JD

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: RONALD D. HUGHES 208-785-5166
Address: 217 E. 200 N.
BLACKFOOT, ID 83221

OR

Name: BARBARA S. HUGHES 208-785-5166
Address: 217 E. 200 N.
BLACKFOOT, ID 83221

2. Date of Priority: JUL 09, 1985

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4	Lot	County
02S	36E	28	NW NW		BINGHAM

5. Description of diverting works:

WELL, PUMP AND PIPELINES FOR DOMESTIC, STOCK AND IRRIGATION.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.060		
STOCKWATER	01/01	12/31	0.020		
DOMESTIC	01/01	12/31	0.040		

7. Total Quantity Appropriated is:
0.110 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is 7.5 Acre Feet Per Annum.

9. Non-irrigation uses:

D/ONE HOME, S/ONE HORSE

A27-07409

Page 1

Date: 04/14/89

A2707409



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NOV 12 1992

10. Place of Use:

Township	Range	Section	1/4	of 1/4	Lot	Use	Acres
02S	36E	28	NW	NW		IRR	3.0
			NW	NW		DOMEST	
			NW	NW		STOCK	

Section Acres 3.0

Total Acres 3.0

11. Place of use in counties: BINGHAM

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
N/A

14. Remarks:

15. Basis of Claim: LICENSE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 1

For Individuals:

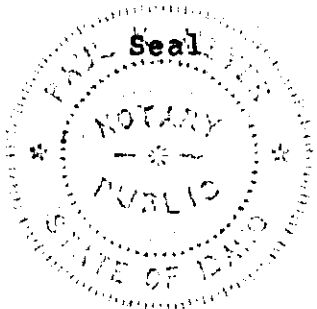
I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Ronald D Hughes Date: April 14, 1989
Date: _____

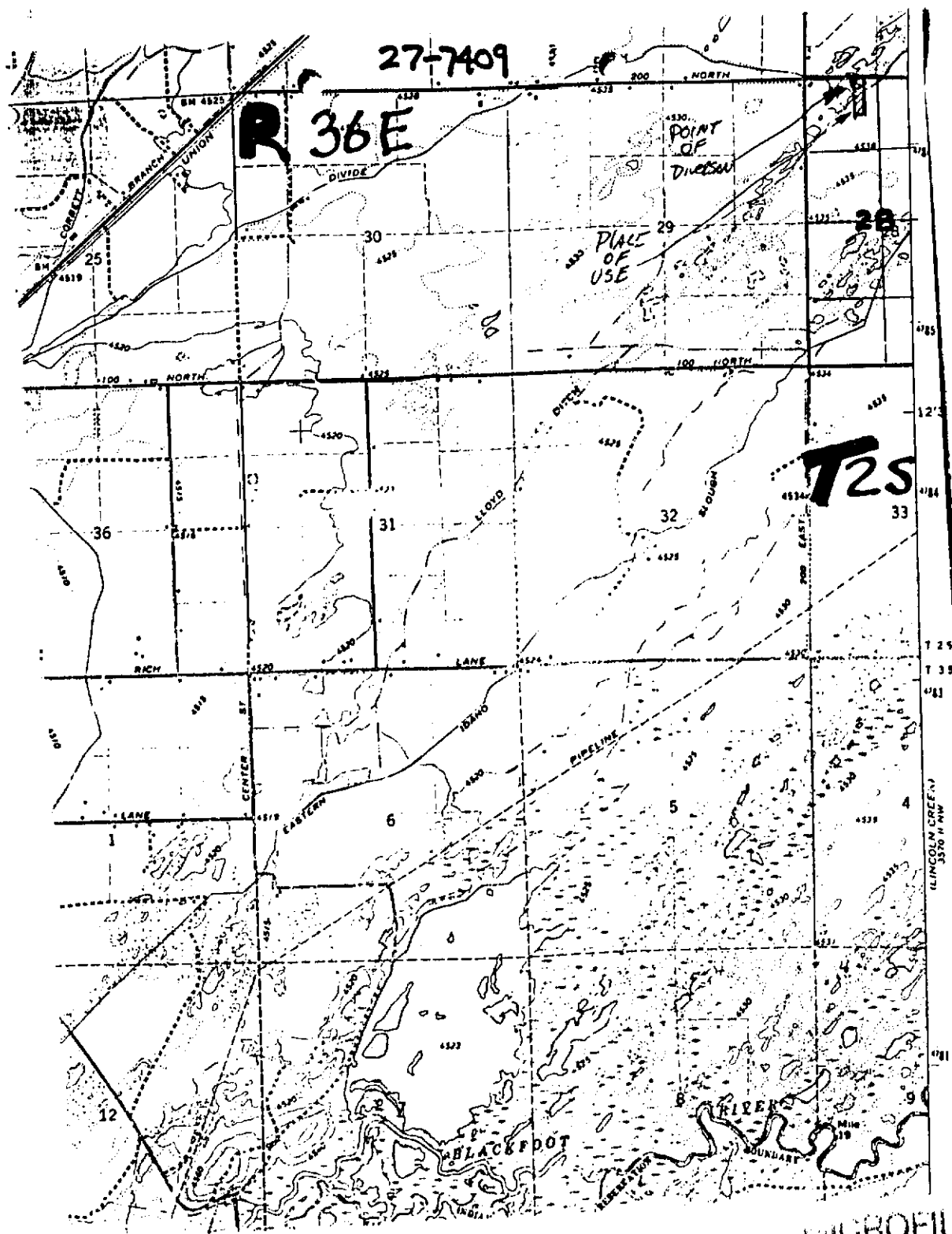
State of Idaho)
County of BONNEVILLE) SS.

Subscribed and sworn (or affirmed) before me this 14 day
of APRIL 19 89

[Signature]
Notary Public



Residing at IDAHO FALLS
My Commission Expires 9-12-94



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NOV 12 1992

Log for claim 27-07409

Spatial Dynamics LTD

1/2/01

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
02s36e	28	NWNW	3	2.6	
Totals:			3	2.6	

AJ5809NP
No. A27-07409

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 09/29/00
PAGE: 152

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	RONALD D HUGHES	07/09/1985	IRRIGATION	03-15 11-15	0.060 CFS	
C	BARBARA S HUGHES		STOCKWATER	01-01 12-31	0.020 CFS	
	217 E 200 N		DOMESTIC	01-01 12-31	0.040 CFS	
	BLACKFOOT ID 83221					
	(208) 785-5166					
TOTAL DIVERSION:					0.110 CFS	
CONSUMPTIVE USE:						7.50 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion: T02S R36E S28

NWNW

BINGHAM County

Place of use Legal Description for: IRRIGATION

NE				NW				SW				SE												
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	SUM
			:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	
02S	36E	28	:					:			03		:					:					:	3.0
																							TOTAL ACRES	3.0

Place of use Legal Description for: STOCKWATER

NE				NW				SW				SE												
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	
			:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	
02S	36E	28	:					:			S		:					:					:	

Place of use Legal Description for: DOMESTIC

NE				NW				SW				SE												
T	R	S	:	NENE	NWNE	SWNE	SENE	:	NENW	NWNW	SWNW	SENW	:	NESW	NWSW	SWSW	SESW	:	NESE	NWSE	SWSE	SESE	:	
			:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	Lt	Ac	Lt	Ac	:	
02S	36E	28	:					:			D		:					:					:	

POU County: BINGHAM

Non-Irrigation Uses: D/ONE HOME, S/ONE HORSE

Other Rights: N/A

Other Water Rights with Same Point(s) of Diversion with Stage (Includes All Sources):

27-10621 27-11021 27-11724 A27-07005 A27-10621 A27-11021 A27-11724

Other Water Rights Listing Overlapping Place(s) of Use:

A27-07005

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number:

Field Inspection Flag:

Presumption Flag:

AJ5809NP
No. A27-07409

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 09/29/00
PAGE: 153

=====

Audit: 04/14/89 MEYER 03/29/95 POST-STD

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. [REDACTED]

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

APPROVED

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-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 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.

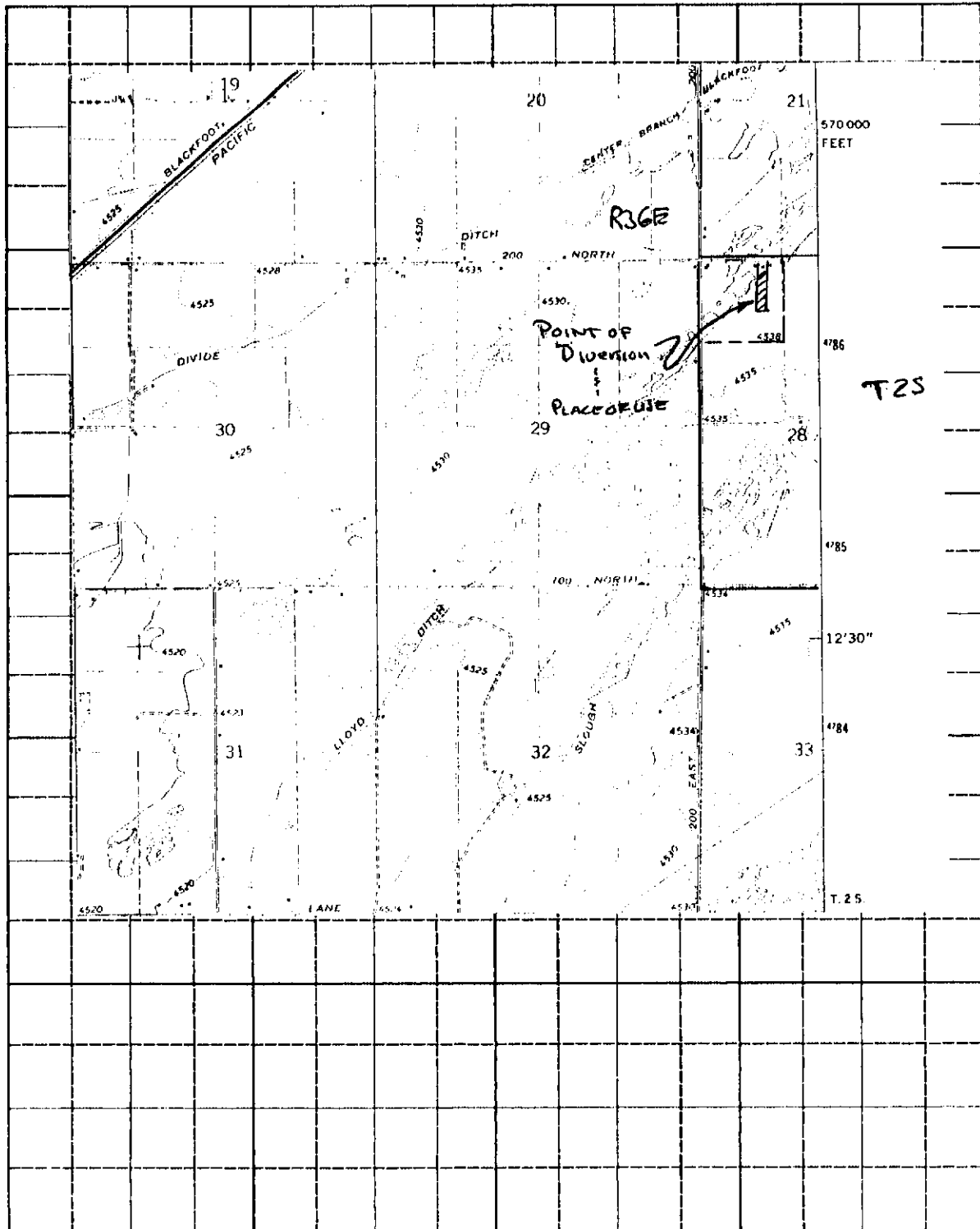
9. a. Who owns the property at the point of diversion Applicant

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 D. Hughes
(Applicant)

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Proposed Priority 6/12/85

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Received by ct Date 6-12-85 Time 9:34 am
Preliminary check by HWS Fee \$ 3000 # 33320
Received 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 Saxton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

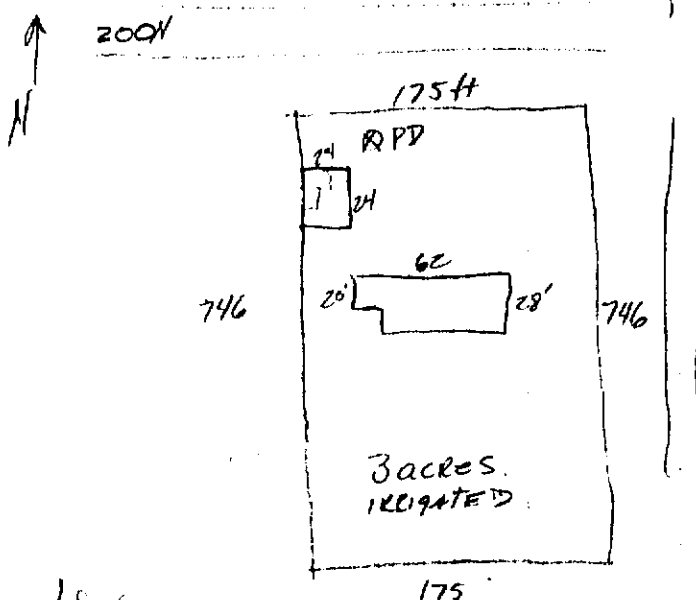
Permit No. 27 7409
1. Owner: RONALD D OR BARBARA S HUGHES Phone No. 785-5166
Current Address: 217 E 200 N Blackfoot ID 83221
2. Accompanied by: RON HUGHES EXAM. DATE: 6-10-86
Address: SAME AS ABOVE Phone No. _____
Relationship to Permit Holder: _____
3. Source: Groundwater tributary to _____

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" = 100 ft

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 drillers report shown to me by Ron H. says the static water level is 78 feet. He has 2 Lines of 4 p.p. 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																	

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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:

$$Q = 1.5 \times 8.814 \times 80\% = .11 \text{ cfs}$$

$$30' \times 28' + (30 \times 2.308)$$

$$\text{AVE PRESSURE USING PITOT GAUGE} = 20 \text{ PSI}$$

$$\text{RAINBIRD NOZZLE SIZE } 5/32" \quad 3.26 \text{ gpm}$$

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

RAINBIRD CHART

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

2. Alternate Method for Checking Purposes:

Theoretical .11 cfs

F. PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3)

Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 10.5 \text{ afa}$$

2. Volume Calculations for Other Uses:

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

$$0-10 \text{ Animals} = .2 \text{ afa}$$

$$11.9 \text{ afa}$$

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APR 01 1988

100

1. Recommended Amounts

2. Recommended Amendments

- ## J. AUTHENTICATION

CONSULTANT SEAL

- 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)

1980-1981

- b) Volume Calculations for Irrigation:

$$\begin{aligned} V_{ir} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{3.5} \\ V_{dr} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}} \\ V &= \text{Smaller of } V_{ir} \text{ and } V_{dr} = \underline{\hspace{2cm}} \end{aligned}$$

- 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 01 1980

10 day

- Approved in State Office by K. Walker 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:

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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

POINT OF DIVISION

PLACE OF USE

28

T2S

REPRODUCED

APR 01 1988

BLACKFOOT

RIVER

BOUNDARY

(LINCOLN CREEK)
3570 II NW

