

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: A63-08633
Date Received: 12/ 6/1989
Receipt No: W006878
Received By: _____

COPY FOR
YOUR FILES

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

COPY FOR
YOUR FILES

1. Name: UNIVERSITY OF IDAHO REGENTS
Address: 29603 UNIVERSITY OF IDAHO LN
PARMA ID 83660

2. Date of Priority: MAR 30, 1977

3. Source: GROUNDWATER

Trib. to:

4. Point of Diversion:

208-722-6701
RECEIVED
FEB 8 1993
Department of Water Resources
Western Regional Office

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
06N	05W	28	SE	NE			CANYON

5. Description of diverting works:
485' DEEP, 16" CS, 100 HP PUMP, SPRINKLERS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.420		95.90

7. Total Quantity Appropriated is:
0.420 C.F.S. (and/or) 95.90 A.F.A.

8. Total consumptive use is 73.5 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
06N	05W	28	SE	NE		IRR	21.0

Section Acres 21.0

Total Acres 21.0

A63-08633

Page 1

Date: 02/02/93

MICROFILMED
JUL 25 1994

11. Place of use in counties: CANYON

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

13. Other Water Rights Used:
NONE

14. Remarks:

15. Basis of Claim: LICENSE

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: A63-08633
Date Received: 11/01/1989
Receipt No:
Received By: LW

RECEIVED
DEC 06 1989

Department of Water Resources
Western Regional Office

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

1. Name: REGENTS UNIVERSITY OF IDAHO
Address: 29603 U OF I LN.
PARMA, ID 83660
208-722-6701

2. Date of Priority: MAR 30, 1977

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
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06N	05W	28	SE	NE		IRR	21.0

Section Acres 21.0

Total Acres 21.0

A63-08633

Page 1

Date: 11/01/89

MICROFILMED

JUL 25 1994

11. Place of use in counties: CANYON

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

13. Other Water Rights Used:
NONE

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 wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments:

For Organizations:

I do solemnly swear or affirm that I am Financial Vice President, Bursar of
University of Idaho Title
Organization, that I have signed the foregoing
document in the space below as Financial Vice President, Bursar of
University of Idaho Title
Organization and that the statements contained in the
foregoing document are true and correct.

Joseph J. Geiger
Signature of Authorized Agent
Joseph J. Geiger

Financial Vice President, Bursar

Title and Organization
University of Idaho

11-20-89

Date

Scale: 2 inches equals 1 mile

T 6 N R 5 W

MICROFILMED

JUL 25 1994

Last Name _____

Ident No. 63-8633

Copies: White-State, Yellow-Claimant

State of Idaho)
County of Latah) SS.

Subscribed and sworn (or affirmed) before me this 21st day
of November 19 89

Uerlene Nelson
Notary Public

Seal

Residing at Moscow

My Commission Expires 12-1-94

JUL 25 1994

MICROFILMED

Budget Office, 208-885-7044
Business Management/Real Estate, 208-885-7044
Facility Planning, 208-885-6671



University of Idaho

Budget and Planning
Moscow, Idaho
83843 U.S.A.

RECEIVED
DEC 06 1989

December 1, 1989

Department of Water Resources
Western Regional Office

Ms. Linda Werner
Western Region
Idaho Department of Water Resources
2735 Airport Way
Boise, Idaho 83705

Dear Ms. Werner:

Enclosed are eight Notices of Claim to Water Rights for the University of Idaho's water rights in the Snake River Basin. The notices include the following areas:

Southwest Idaho R & E Center, Parma
Irrigation (3)
Commercial, Domestic (1)

Southwest Idaho R & E Center, Caldwell
Irrigation (1)
Stockwater, Domestic (1)
Irrigation, Domestic (1)

Caine Veterinary Center, Caldwell
Stockwater, Domestic (1)

Also enclosed is a \$608.00 university check for the adjudication fee. Thank you for your assistance.

Sincerely,

Don A. Amos
Business Manager

ks
enclosures

Receipt Details for ID W006878

Status	Adjustment Type	Version
	Adjusted Receipt	1

General Information:

Date Received	Date Deposited	Region	Total Amount	Payment Type
12/7/1989 12:40:02 PM	12/7/1989	Western	\$608.00	Check
Payer		UNIVERSITY OF IDAHO		

Account Information:

Check #	Account #	Credit Card Name	Authorization #
134806			
Card Expiration Date	Credit Card Transaction #		

Comment ADJUDICATION CLAIM FEE

Fee Detail:

Amount	Description	PCA	Fund	Fund Detail	Subsidiary	Object
\$608.00	ADJUDICATION CLAIM FEE	410162	9337	0	0	6490

Refund(s):

Amount	Payee	Date	Document Number
--------	-------	------	-----------------

Water Right Information:

Basin Number	Sequence Number	Split Suffix	Amount	Type
63	8633		\$71.00	Claim
63	8634		\$94.00	Claim
63	5359		\$52.00	Claim
63	5360		\$60.00	Claim
63	5362		\$25.00	Claim
63	5361		\$56.00	Claim
63	2851		\$140.00	Claim
63	8305		\$110.00	Claim

06/14/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 63-8633
NAME AND ADDRESS: UNIVERSITY OF IDAHO
REGENTS
888 W. HWY 33
NEW DALE ID 83463

SOURCE: GROUND WATER TRIBUTARY:
QUANTITY: 0.420 CFS
95.900 AFY
PRIORITY DATE: 03/30/1977
POINT OF DIVERSION:

T06N R05W S28 SENE Within CANYON County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/15 11/15	0.420 CFS 95.90 AFY
The use of water for irrigation under this right may begin as early as March 1 provided other elements of the right are not exceeded. The use of water before March 15 under this remark is subordinate to all water rights having no subordinated early or late irrigation use and a priority date earlier than the date a partial decree is entered for this right.		

PLACE OF USE: IRRIGATION Within CANYON County
T06N R05W S28 SENE 21.00

21 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

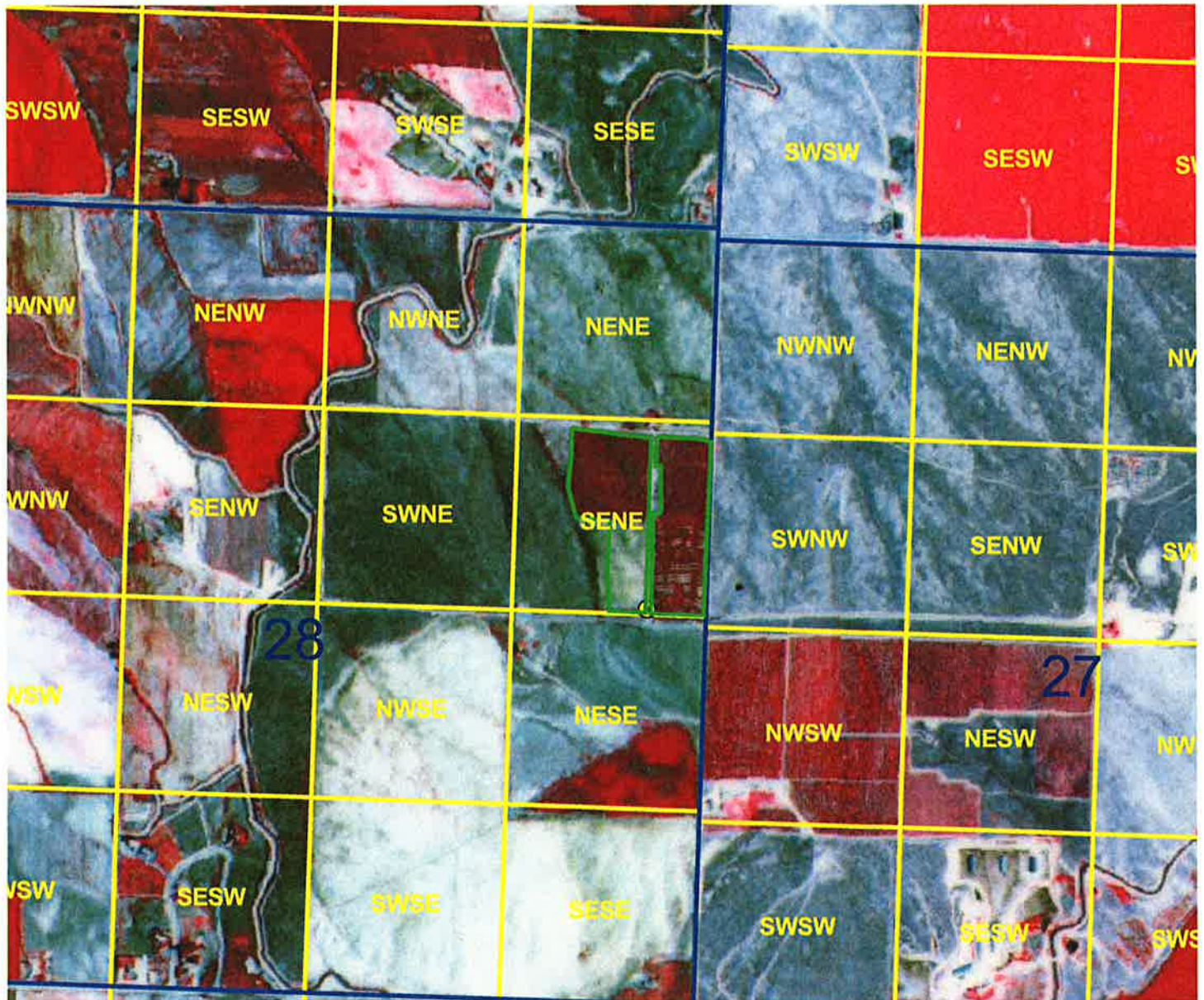
EXPLANATORY MATERIAL: BASIS OF CLAIM - License



State of Idaho
Idaho Department of Water Resources
Western Region

T6N R5W SECTION 28

Water Right (s): 63-8633



1320 0 1320 2640 Feet

TOTAL IRRIGATED ACRES = 21



-  Point of Diversion
-  Place of Use
-  Section Lines
-  Quarter Quarter Lines

GIS Place of Use Illustration
1987 NAPP Photography
Prepared By: Vicky Music
Date: June 2006

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-8633 V1

WATER RIGHT NUMBER: 63-8633 V1

Owner Type Name and Address
 Current Owner UNIVERSITY OF IDAHO
 REGENTS
 888 W. HWY 33
 NEW DALE, ID 83463
 (208)456-2879

Priority Date: 03/30/1977

Basis:

Status: Active

Source

GROUND WATER

TributaryBeneficial Use

IRRIGATION

From To

3/15 to 11/15

Diversion Rate

0.420 CFS

Annual Volume

95.90 AF

Total Diversion:

0.420 CFS

95.90 AF

Location of Point(s) of Diversion

GROUND WATER

CANYON County

SE1/4NE1/4

Sec. 28, Twp 06N, Rge 05W, B.M.

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06N	05W	28				21.0													21.0

Total Acres: 21

Conditions of Approval:

1. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

Dates and Other Information:

Decreed Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Defendant:

Plaintiff:

Civil Case Number:

Judicial District:

Notice of Error Flag:

State or Federal: S

Owner Name Connector:

Water District Number:

Generic Max Rate Per Acre:

Generic Max Volume Per Acre:

Swan Falls Trust or Nontrust:

Swan Falls Dismissed:

Mitigation Plan: False

Combined Use Limits:

G2050U shoulder remark

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM POD REVIEW REPORT
ADJUDICATION CLAIM NUMBER: 63-8633

06/14/2006

1

ater Right #	Type	Twp	Rge	Sec	QQ	Q	Lot	Source	Name
63-8633	Claim	06N	05W	28	SE	NE		GROUND WATER	UNIVERSITY OF IDAHO
63-8633	Water Right	06N	05W	28	SE	NE		GROUND WATER	SW IDAHO RESEARCH & EXTENSIC CENTER

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM POU REVIEW REPORT
ADJUDICATION CLAIM NUMBER: 63-8633

06/14/2006

1

Right #	Type	Twp	Rge	Sec	QQ	Q	Lot	Purpose of Use	Acres/Total	Name
8633	Claim	06N	05W	28	SE	NE		IRRIGATION	21/21	UNIVERSITY OF IDAHO
8633	Water Right	06N	05W	28	SE	NE		IRRIGATION	21/21	SW IDAHO RESEARCH & EXTENSION CENTER

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-8633

Priority: March 30, 1977 Amount: .42 CFS 95.9 AFA

This is to certify, that S.W. IDAHO RESEARCH & EXTENSION CENTER
RT. 8 BOX 478
CALDWELL, ID 83605 has complied with the terms and conditions
of the permit issued pursuant to Application for Permit dated March 30, 1977, and
has submitted proof to the Department of Water Resources on March 5, 1982, that
water has been applied to a beneficial use; an examination by the Department indicates
that the works have a diversion capacity of .79 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	.42 cfs	95.9 afa	
<u>LOCATION OF POINT OF DIVERSION(S):</u>		SENE, Sec. 28, Township 6N, Range 5W Canyon County		
<u>PLACE OF USE:</u> Irrigation				
<u>TWN</u> <u>RGE</u> <u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
6N 5W 28	SENE 21			21
Total number of acres irrigated:				21

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 11th day
of SEPTEMBER, 1987.

RECORDED

Acting for the Director

Norm C. Young

SEP 28 1987

Identification No. _____

Application No. 63-8633

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

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

1. Name of applicant SW Idaho Research & Extension Center Phone: 208-459-6367
post office address Route 8, Box 210, Caldwell, Idaho 83605
2. Source of water supply Ground which is a tributary of _____
3. a. Location of point of diversion is ~~NE SE~~ SE $\frac{1}{4}$ of ~~SW NE~~ SE $\frac{1}{4}$ of Section 28 Township 6N
Range 5W B.M. Canyon County; additional points of diversion if any:
NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 28, Township 6N, Range 5W, B.M., Canyon County
- b. If water is not consumed, it will be discharged into sediment ponds at a point in NE $\frac{1}{4}$
of S $\frac{1}{2}$ $\frac{1}{4}$ of Section 28 Township 6N Range 5W B.M. _____
4. Water will be used for the following purposes:
Amount 1.6 (cfs or acre-feet per annum) for irrigation purpose from March 15 to Nov. 15 (both dates inclusive)
Amount .04 (cfs or acre-feet per annum) for domestic purpose from Jan. 1 to Dec. 31 (both dates inclusive)
Amount .02 (cfs or acre-feet per annum) for livestock purpose from Jan. 1 to Dec. 31 (both dates inclusive)
5. Total quantity to be appropriated:
a. 1.6 cubic feet per second and/or
b. ≤ 400 acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. An irrigation motor and pump of ≤ 100 hp is to supply well water via pipelines and sprinklers to the 80 acres. The topography generally is unsuited to furrow irrigation.
- b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
- c. Proposed well diameter is 16 inches; proposed depth of well is ≤ 500 feet. (irrigation)
plus 5 inches domestic well in same drill hole.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.
b. Estimated construction cost is \$260,000.
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered cattle and/or sheep, ≤ 100 animal units/annum
(4) Name of municipality to be served none, or number of families to be supplied with domestic water _____
(5) If water is to be used for other purposes describe: domestic; use for produce, research staff and facilities requiring potable water supply.

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

TWP.	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
6N	5W	28			40	40													80

Total number of acres to be irrigated $\leq$ 80

c. Describe any other water rights used for the same purposes as described above. None, the land is dryland range.

9. a. Who owns the property at the point of diversion BLM, U.S. Dept. of Interior
 - b. Who owns the land to be irrigated or place of use BLM, U.S. Dept. of Interior
 - c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing The Regents, University of Idaho, and the BLM have entered a lease, Serial I-9380, providing for development and use of the 80 acres for agricultural research purposes. Lease is attached.
10. Remarks A management plan for the 80-acre site and a 10-year development program were proposed by the University during the application for reclassification of the land for Recreation and Public Purposes. The tentative plans likely will be updated by engineers, conservationists and researchers as the development progresses. The use season for irrigation water is extended beyond limits ordinary for the area. University research, however, deals with extremes. Also, the anticipated use rate for water differs from normal. University research manpower usually works a five-day week, eight hours/day and therefore requires a greater output/unit of operating time.

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

Range 5W

Sec 29

Sec 28

Sec 27

Sediment Ponds

Main Line

Well

Sec 33

Sec 34

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.

Judith A. Templeton 3/30/77
(Applicant) Judith A. Templeton, Superintendent
SW Idaho Research/Extension Center
Route 8, Box 210
Caldwell, Idaho 83605

Proposed Priority 3/30/77

Received by WM Date 3-30-77 Time 3:45 pm

Preliminary check by WM Fee \$ 35.00

Receipted by rf Date 3-30-77 # 7087

Publication prepared by CS Date April 7, 1977

Published in News-Tribune

Publication dates April 14, 1977 & April 21, 1977

Publication approved rf Date 5-2-77

Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by: _____

Hearing held by _____ Date _____

Recommended for approval denial by WSS jc

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. 63-8633, 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 May 1, 19 82.

c. Other: A measuring device of a type approved by the Director shall be permanently installed and maintained as part of the diverting works.

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

Witness my hand this 9 day of May 19 77.


Deputy Director

Should questions arise during the processing of this application please contact:

Form 219
6/86

SHERL L. CHAPMAN
410 S. Orchard, Suite 144
Boise, ID 83705
344-6690

RECEIVED
JUN 17 1987

RECEIVED
JUN 12 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources
Water Resources Division

A. GENERAL INFORMATION

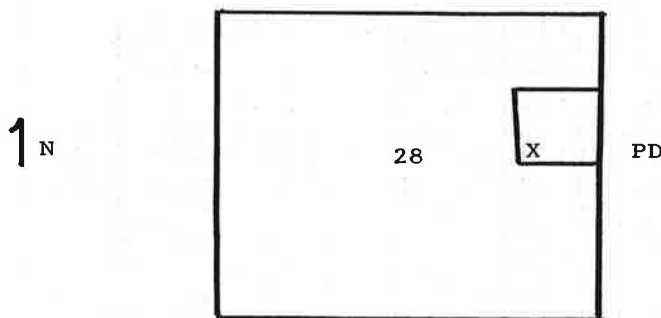
- Permit No. 63-8633
Phone No. 459-6367
1. Owner: SW Idaho Research & Extension Center
Current Address: Route 8, Box 210, Caldwell, ID 83605
2. Accompanied by: Carl Van Slyke EXAM. DATE: 5/22/87
Address: same as above Phone No. 722-6701
Relationship to Permit Holder: Employee
3. Source: Ground water tributary to n/a

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



MICROFILMED

SEP 28 1987

Scale: 1" = _____

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).

System Description (continued)

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
System operating under normal conditions. Discharge pressure of 40-45 psi is
normal since well is at significant elevation above the land irrigated.

☐ 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
#2	Westinghouse	100	7802	Layne	8"

*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
			SE	NE	28	6N	5W	Canyon	Field/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	
6N	5W	28				21.3													21.3

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Manometer	air/water	Collins	36"	none		Factory

2. Measurements:

Q measured at .79 cfs or 39 miners inches. Some velocity measurements missing due to port clogging.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

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 Ampsx .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 21.3 \times 4.5 = 95.85$

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

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 95.85$

2. Volume Calculations for Other Uses:

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	.79 cfs	96
Totals:			.79	96

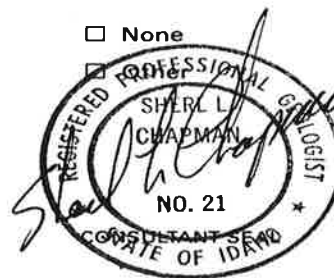
2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above

☐ None

J. AUTHENTICATION

Field Examiner's Name Sheri L. Chapman
Signature Sheri L. Chapman
Certification Date 5/5/87
Field Report Preparation Date 6/2/87



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

RECORDED

SEP 28 1987

21 22
28 27

T18v

T28v

A177

A32

A65

T61
A66

1790
B698

21.5
A127
SEP 28 1981

2
10.9

3
34.3

2 25.0

9.5

7.0

5

11.8

6

5.3

2

12.0

3

13.9

12.8

5.3

7

3.5

11.8

28

33

34 380

1790

B698

21.5

A127

SEP 28 1981

2
10.9

3
34.3

2 25.0

9.5

7.0

5

11.8

6

5.3

2

12.0

3

13.9

12.8

5.3

7

3.5

11.8

28

33

34 380

1790

B698

21.5

A127

SEP 28 1981

WATER RIGHT LICENSE

WATER RIGHT NO. 63-8633

Priority: March 30, 1977 Amount: .42 CFS 95.9 AFA

This is to certify, that S.W. IDAHO RESEARCH & EXTENSION CENTER
RT. 8 BOX 478
CALDWELL, ID 83605

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated March 30, 1977, and has submitted proof to the Department of Water Resources on March 5, 1982, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .79 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	.42 cfs	95.9 afa

LOCATION OF POINT OF DIVERSION(S): SENE, Sec. 28, Township 6N, Range 5W
Canyon 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>
6N	5W	28	SENE 21				21

Total number of acres irrigated: 21

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 11th day of SEPTEMBER, 1987.

RECORDED

Acting for the

Director

SEP 28 1987

Identification No. _____

Application No. 63-8633

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

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

1. Name of applicant SW Idaho Research & Extension Center Phone: 208-459-6367
post office address Route 8, Box 210, Caldwell, Idaho 83605
2. Source of water supply Ground which is a tributary of _____
3. a. Location of point of diversion is NE SE $\frac{1}{4}$ of SW NE $\frac{1}{4}$ of Section 28 Township 6N
Range 5W B.M. Canyon County; additional points of diversion if any: _____
NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 28, Township 6N, Range 5W, B.M., Canyon County
- b. If water is not consumed, it will be discharged into sediment ponds at a point in NE $\frac{1}{4}$
of S $\frac{1}{2}$ $\frac{1}{4}$ of Section 28 Township 6N Range 5W B.M. _____
4. Water will be used for the following purposes:
Amount 1.6 (cfs or acre-feet per annum) for irrigation purpose from March 15 to Nov. 15 (both dates inclusive)
Amount .04 (cfs or acre-feet per annum) for domestic purpose from Jan. 1 to Dec. 31 (both dates inclusive)
Amount .02 (cfs or acre-feet per annum) for livestock purpose from Jan. 1 to Dec. 31 (both dates inclusive)
5. Total quantity to be appropriated:
a. 1.6 cubic feet per second and/or
b. ≤ 400 acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. An irrigation motor and pump of ≤ 100 hp
is to supply well water via pipelines and sprinklers to the 80 acres. The
topography generally is unsuited to furrow irrigation.
- b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo., Day) (Mo., Day)
- c. Proposed well diameter is 16 inches; proposed depth of well is 4500 feet. (irrigation)
plus 5 inches domestic well in same drill hole.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$260,000
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M. _____
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered cattle and/or sheep, ≤ 100 animal
units/annum
(4) Name of municipality to be served none, or number of families to be
supplied with domestic water _____
(5) If water is to be used for other purposes describe: domestic; use for produce, research
staff and facilities requiring potable water supply.

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

TWP	RANGE	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
6N	5W	28			40	40													80

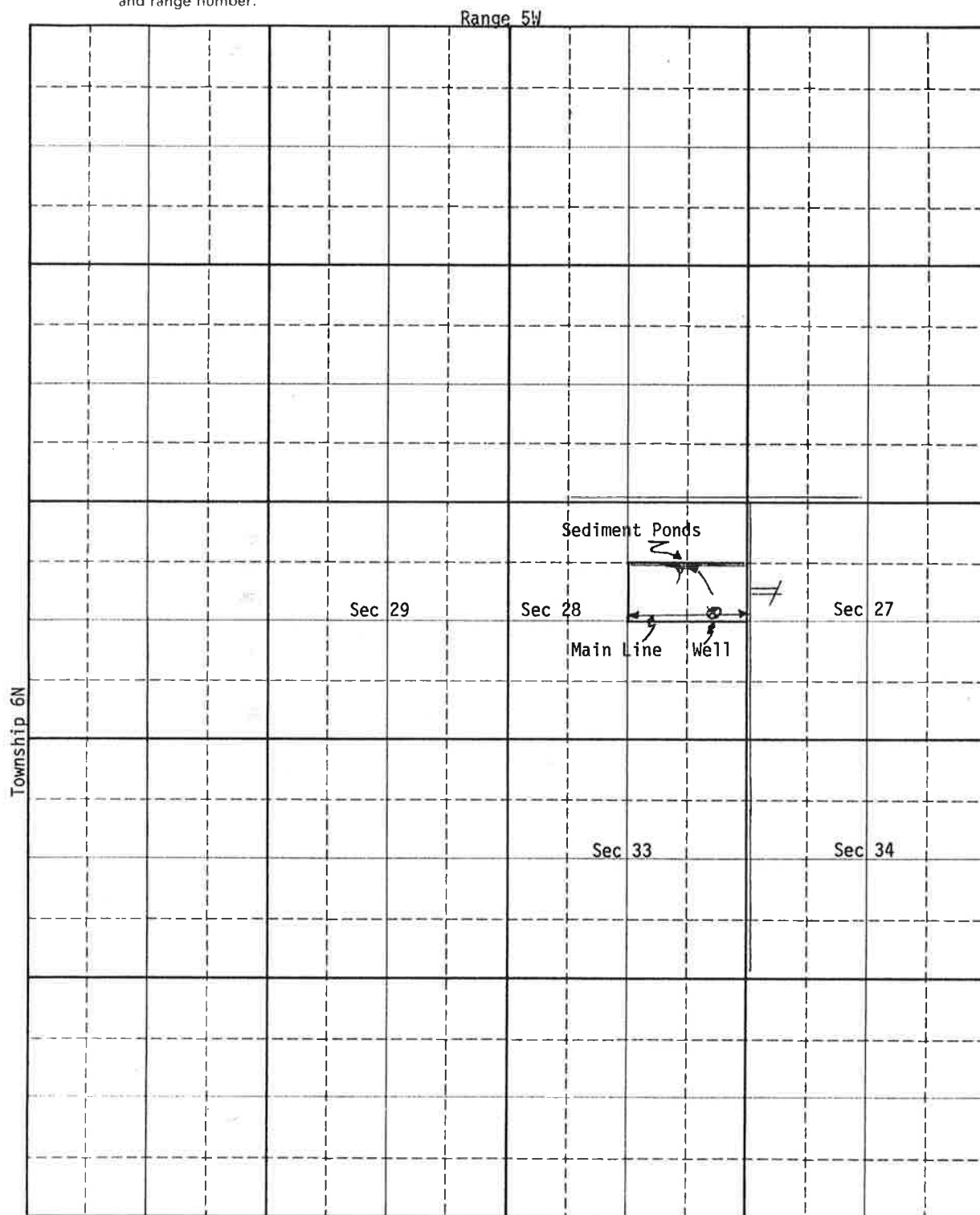
Total number of acres to be irrigated ≤ 80

c. Describe any other water rights used for the same purposes as described above. None, the land is dryland range.

9. a. Who owns the property at the point of diversion BLM, U.S. Dept. of Interior
 b. Who owns the land to be irrigated or place of use BLM, U.S. Dept. of Interior
 c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing The Regents, University of Idaho, and the BLM have entered a lease, Serial I-9380, providing for development and use of the 80 acres for agricultural research purposes. Lease is attached.

10. Remarks A management plan for the 80-acre site and a 10-year development program were proposed by the University during the application for reclassification of the land for Recreation and Public Purposes. The tentative plans likely will be updated by engineers, conservationists and researchers as the development progresses. The use season for irrigation water is extended beyond limits ordinary for the area. University research, however, deals with extremes. Also, the anticipated use rate for water differs from normal. University research manpower usually works a five-day week, eight hours/day and therefore requires a greater output/unit of operating time.

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.

Judith A. Templeton 3/30/77
(Applicant) Judith A. Templeton, Superintendent
SW Idaho Research/Extension Center
Route 8, Box 210
Caldwell, Idaho 83605

Proposed Priority 3/30/77

Received by WM Date 3-30-77 Time 3:45 PM

Preliminary check by WM Fee \$ 35.00

Receipted by if Date 3-30-77 # 7087

Publication prepared by CS Date April 7, 1977

Published in Newspaper Tribune

Publication dates April 14, 1977 & April 21, 1977

Publication approved if Date 5-2-77

Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by WHA if

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. 63-8633, 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 May 1, 19 82.

c. Other: A measuring device of a type approved by the Director shall be permanently installed and maintained as part of the diverting works.

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

Witness my hand this 9 day of May, 19 77.


Deputy Director

Form 219
6/86

should questions arise during
the processing of this applica-
tion please contact:

SHERL L. CHAPMAN
410 S. Orchard, Suite 144
Boise, ID 83705
344-6690

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

Permit No. 63-8633

A. GENERAL INFORMATION

1. Owner: SW Idaho Research & Extension Center

Phone No. 459-6367

Current Address: Route 8, Box 210, Caldwell, ID 83605

2. Accompanied by: Carl Van Slyke

EXAM. DATE: 5/22/87

Address: same as above

Phone No. 722-6701

Relationship to Permit Holder: Employee

3. Source: Ground water tributary to n/a

B. OVERLAP REVIEW

1. Other water rights with same place of use: None

☐ Copies Attached

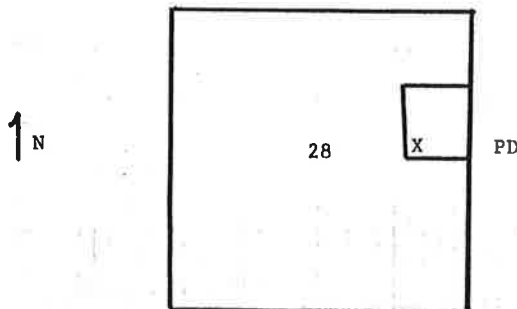
2. Other water rights with same point of diversion: None

☐ 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



MICROFILMED

SEP 28 1987

Scale: 1" = _____

2. ☐ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

System Description (continued)

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

System operating under normal conditions. Discharge pressure of 40-45 psi is normal since well is at significant elevation above the land irrigated.

☐ 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
#2	Westinghouse	100	7802	Layne	8"

*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
			SE	NE	28	6N	5W	Canyon	Field/map

6. **Place(s) of Use:**

Indicate Method of Determination

Twp.	Rge.	Sec.	NE1/4				NW1/4				SW1/4				SE1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
6N	5W	28				21.3													21.3

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
Manometer	air/water	Collins	36"	none		Factory

2. Measurements:

Q measured at .79 cfs or 39 miners inches. Some velocity measurements missing due to port clogging.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

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 Ampsx .001732 = _____ (6)
Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 21.3 \times 4.5 = 95.85$
 $V_{DR} = [\text{Diversión Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{N}{A}$
 $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 95.85$

2. Volume Calculations for Other Uses:

[illegible]

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3-15	11-15	.79 cfs	96
		Totals:	.79	96

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☒ Change P.U. as reflected above ☐ Add P.U. as reflected above

Field Examiner's Name Sheri L. Chapman
Signature Sheri L. Chapman
Certification Date 5/5/87
Field Report Preparation Date 6/2/87



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

Unchanged

SEP 28 1987

