

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 45-7171

Priority: February 26, 1974 Amount: 2.48 CFS 964.0 AFA

This is to certify, that JIM CHATBURN

P.O. BOX 26

ALBION, ID 83311

has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated February 26, 1974, and has submitted proof to the Department of Water Resources on February 21, 1979, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of 2.48 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	2.48 cfs	964.0 afa				
<u>LOCATION OF POINT OF DIVERSION(S):</u>		NWSE , Sec. 4, Township 12S, Range 25E Cassia 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>ACRES</u>	<u>TOTAL</u>
12S	25E	4	NESW 35	NWSW 38	SWSW 17	SESW 20	241
			NESE 40	NWSE 29	SWSE 22	SESE 40	
Total number of acres irrigated:							241

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.
4. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.

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 18th day of November, 1987.

REGISTERED

MAR 10 1988

Director

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-7171

RECEIVED
OCT 30 1987

Department of Water Resources

Date of Priority: February 26, 1974

Comes now JIM CHATBURN
P.O. BOX 26
ALBION, ID 83311

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 45-7171 , and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Irrigation	03/15 to 11/15	2.48 cfs	964.0 afa

LOCATION OF POINT OF DIVERSION(S): NWSE , Sec. 4, Township 12S, Range 25E
Cassia 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>
12S	25E	4	NESW 35	NWSW 38	SWSW 17	SESW 20	
			NESE 40	NWSE 29	SWSE 22	SESE 40	241

Total number of acres irrigated: 241

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Albion , this 29 day of OCT. , 1987.

MICROFILMED

MAR 10 1988

Jim Chatburn
(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-7171

FOR DEPARTMENT USE ONLY

45631

Preliminary check by kw Fee = \$20.00 ✓

Received by CW

Date 10/30/87

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 45-7171 with the following;

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.
4. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.

Witness my hand this 18th day of November, 19 87.

R. Keith Higginson
(Director)

MICROFILMED

MAR 10 1988

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN THE MATTER OF CHANGING THE MEASURING
DEVICE REQUIREMENT FOR PERMIT NO. 45-7171

ORDER

WHEREAS, the above numbered permit was approved with the condition that a measuring device of a type approved by the Department be permanently installed and maintained as part of the diverting works; and,

WHEREAS, on July 1, 1978, the Department adopted a new water measurement condition which states: "An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department"; and,

WHEREAS, the former condition required the permit holder to purchase and install a measuring device or hire a professional engineer to certify the rate of diversion; and,

WHEREAS, the measuring device condition effective July 1, 1978, requires less capital expenditure by the permit holder; and,

WHEREAS, to be equitable to holders of permits issued prior to July 1, 1978, the new condition should be retroactive;

NOW THEREFORE, it is hereby ordered that the condition of approval of this permit related to water measurement is hereby changed as follows: "The permit holder shall either install a measuring device or provide a certified measurement by a professional engineer or install an access port or other device as specified by the Department".

Dated this 18th day of August, 1978.


C. STEPHEN ALLRED
Director

MICROFILMED

RECEIVED

MAR 12 1974

Department of Water Administration
Southern District Office

Identification No. _____

Application No. 45-7171

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION

APPLICATION FOR PERMIT

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

APPROVED

1. Name of applicant Jim Chatburn
post office address Box 95, Albion, Idaho
2. Source of water supply groundwater which is a tributary of _____
3. a. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 4 Township 12S
Range 25E B.M. Cassia County; additional points of diversion if any: _____

b. If water is not consumed, it will be discharged into Howell Creek at a point in NW $\frac{1}{4}$
of SE $\frac{1}{4}$ of Section 4 Township 12S Range 25E B.M. _____
4. Water will be used for the following purposes:
Amount 5.2cfs for irrigation purpose from Mar. 1 to Nov. 30 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 5.2 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. deep well pump

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is 14 inches; proposed depth of well is 500 feet.
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 \$ 15,000.
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 _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____.
(5) If water is to be used for other purposes describe: _____

45 7171

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

TWP.	RANGE	SEC.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTALS
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
12S	25E	4									40	40	20	20	40	40	20	40	260

Total number of acres to be irrigated 260

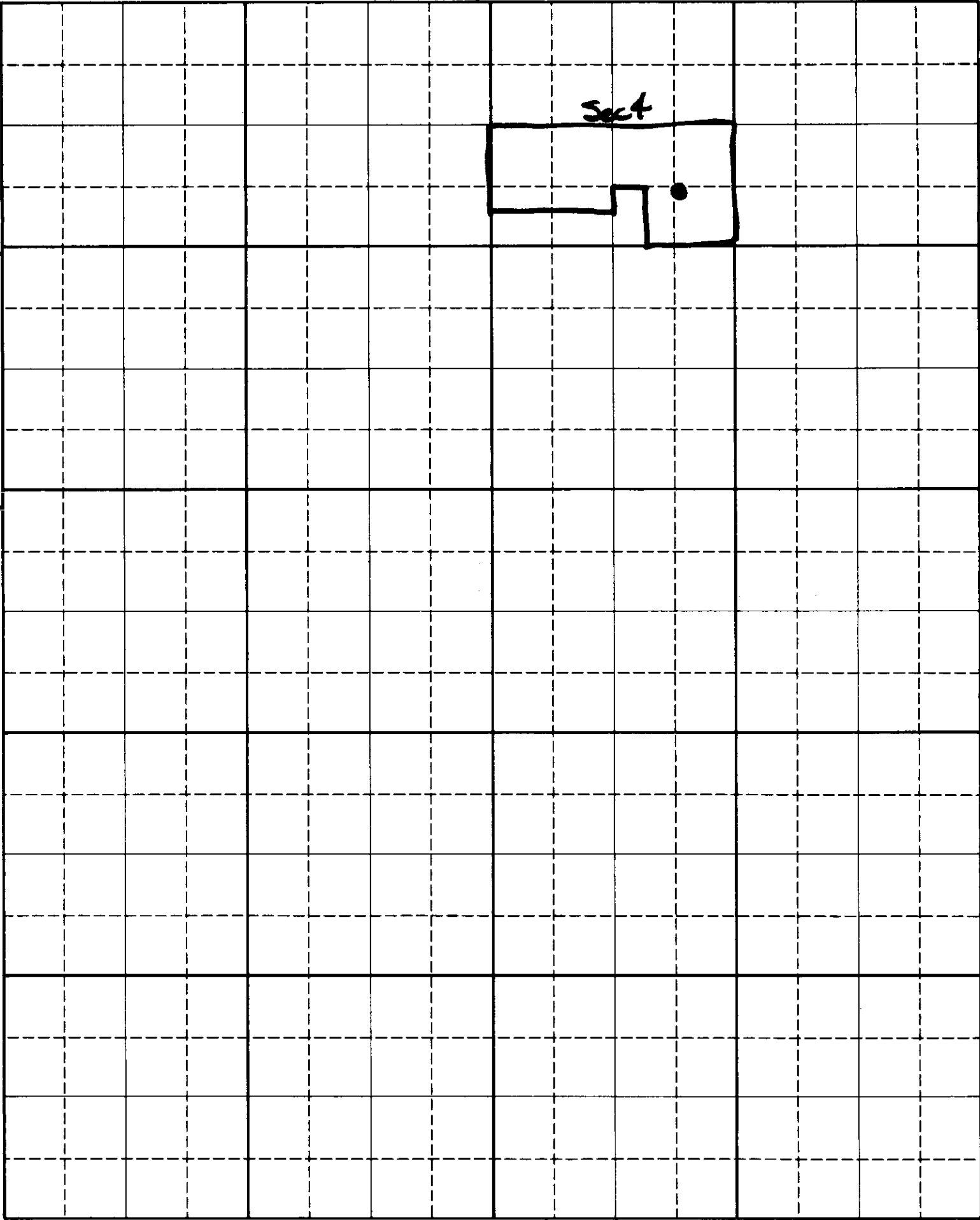
c. Describe any other water rights used for the same purposes as described above. .7 cfs from
Howell Creek when available

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 The .7 cfs decreed to this property is unreliable, dependent upon
the uncertain snowpack and runoff and at best adequate for 35 acres only.

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

R 25 E



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.

John Chatburn
(Applicant)

Proposed Priority 2-26-1974

Received by ej Date 3-26-74 Time 4:30 PM
 Preliminary check by RWN Fee \$ 75.00
 Receipted by ej Date 3-26-74 13743
RWN Publication prepared by LT Date 3-12-74
 Published in South Idaho Press
 Publication dates 3-19 & 3-26-74
 Publication approved LT Date 3-29-74
 Priority reduced to _____ Reason _____

 Protests filed by: _____

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

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 45-7171, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:
 - a. SUBJECT TO ALL PRIOR WATER RIGHTS.
 - b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 1979.
 - c. Other: A measuring device of a type approved by this Department shall be permanently installed and maintained as part of the diverting works.
2. Denial of said application is for the following reasons: _____

Witness my hand this 10 day of April 1974.

[Signature]
 Director

RECEIVED

MAR 12 1974

Department of Water Administration
Southern District Office

Identification No. _____

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
APPLICATION FOR PERMIT

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

1. Name of applicant Jim Chatburn
post office address Box 95 Albion, Idaho
2. Source of water supply Groundwater which is a tributary of _____
3. a. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 4 Township 12
Range 25 E.B.M. Cassia County; additional points of diversion if any: _____

b. If water is not consumed, it will be discharged into Howell Creek at a point in NW $\frac{1}{4}$
of SE $\frac{1}{4}$ of Section 4 Township 12 Range 25 E.B.M. _____
4. Water will be used for the following purposes:
Amount 20 cfs for irrigation purpose from March 1 to Nov 30 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 3 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Deep Well Pump

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is 14 inches; proposed depth of well is 500 feet.
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 \$ 15000.00.
8. Description of proposed uses:
a. If water is not for irrigation:
(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ B.M.
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____.
(5) If water is to be used for other purposes describe: _____

45 7171

45 7171

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	
12	25	4									40	40	20	20	40	40	20	40	240

Total number of acres to be irrigated 240

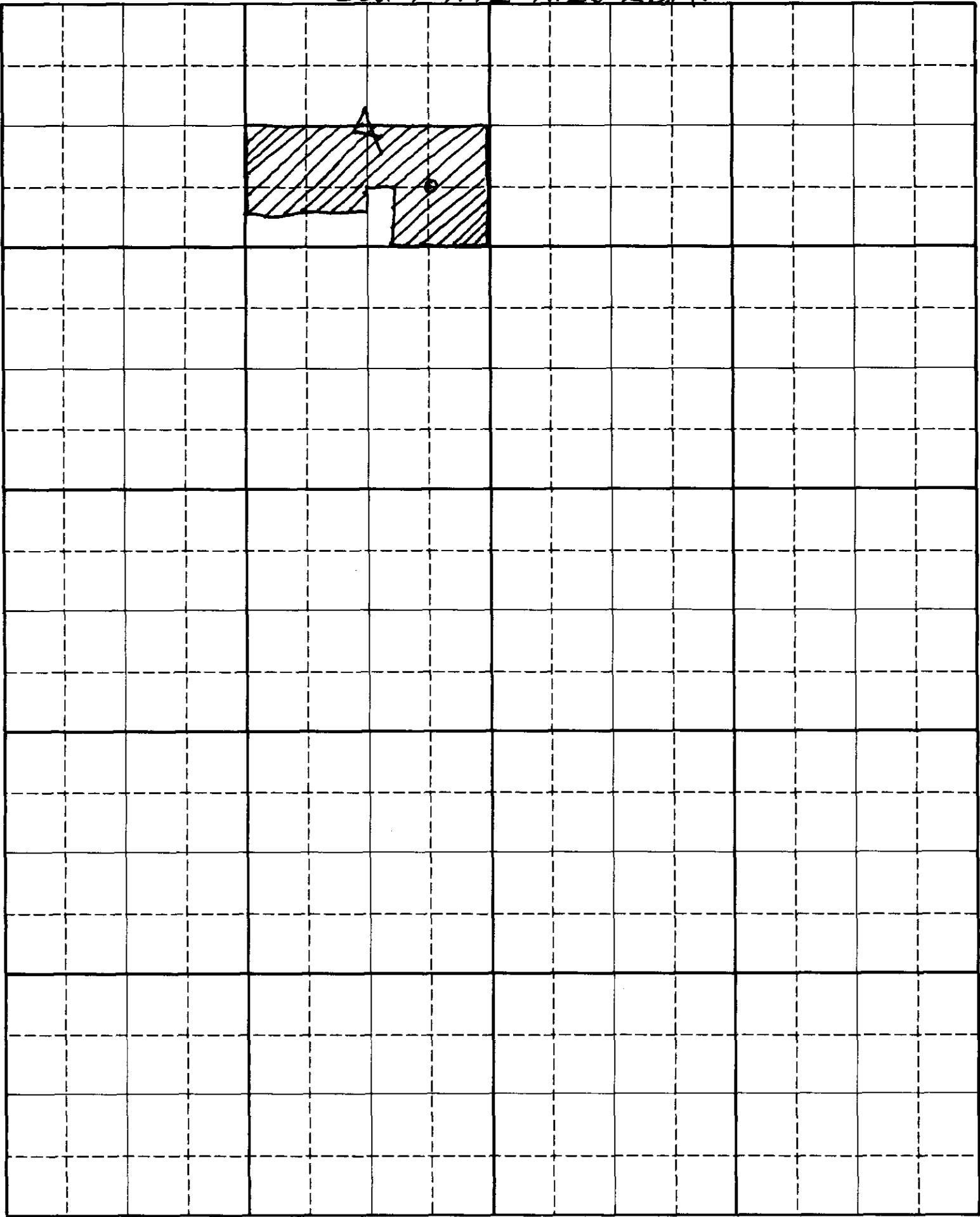
c. Describe any other water rights used for the same purposes as described above. 7 C.F.S. From Howell Creek when available

9. a. Who owns the property at the point of diversion Jim Chatburn
 b. Who owns the land to be irrigated or place of use Jim Chatburn
 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 The 7 C.F.S. decreed to this property is unreliable dependant upon the uncertain ~~flow~~ and runoff, and at best adequate for 35 A. only.

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

Sec. 4 T. 12 R. 25 EBM.



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.

Jim Chaffin
(Applicant)

65 7171

MB 2-28-74 10 50 A
Received by ef Date 2-26-74 Time 4:00 pm
Preliminary check by EJB Fee \$ 75.00
Receipted by ef Date 2-26-74 Permit #13743
Publication prepared by _____ Date _____
Published in _____
Publication dates _____
Publication approved _____ Date _____
Priority reduced to _____ Reason _____

Protests filed by: _____

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

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

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

1. Approval of said application is subject to the following limitations and conditions:
- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
 - b. Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19____.
 - c. Other: _____

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

Witness my hand this _____ day of _____ 19____.

Director

DEPARTMENT OF WATER ADMINISTRATION
- STAFF ANALYSIS -

Item Initial Date

(1)			Application No. <u>45-7171</u> <u>Jim Chatburn</u>
(2)	<u>RM</u>		☒ Source ☒ Point of Diversion ☒ County ☒ Quantity of Water and Period of Use ☒ Description of Diverting Works ☒ Time required for B/U of water ☒ Place of Use or Acres Irrigated ☒ Map ☒ Signature ☒ Fee
(3)	<u>RM</u>		In form to receipt
			Send Copies to: ☐ Idaho State Health Department ☐ Idaho Fish and Game Department ☐ Bureau of Land Management
(4)			☐ Request Special Use Permit from U.S.F.S. ☐ Request Easement from B.L.M. ☐ Request Information from Applicant
(5)	<u>RM</u>	<u>3-12-74</u>	In form for advertising
(6)			Located within Water District No. _____
(7)			Critical groundwater area: yes _____ no ☒
(8)			Groundwater levels: ____ Decline (comment) _____ ☒ Stable (comment) _____ ____ Increasing (comment) _____
(9)			Comments: _____
(10)	<u>LT</u>	<u>3-29-74</u>	Affidavit of Publication received (date) <u>3-29-74</u>
(11)			Final date for protests <u>4-5-74</u> Protests received: yes _____ no ☒
(12)			Date and Place of hearing _____ Decision reached at hearing _____
(13)			All requested information received from agencies or applicant yes ☒ no _____
(14)			Action recommended: ☒ Approve Priority <u>2-26-74</u> ____ Deny Reason for Reduction _____ ☒ Measuring device required ____ See attached sheet for additional conditions of approval ____ No additional conditions for approval
(15)	District <u>Southern</u>	By <u>Bob Haynes</u>	Date <u>APR 8 1974</u>

45 7171

RECEIVED
APR 8 1974
Department of Water Administration

SOUTH IDAHO PRESS

BURLEY, IDAHO

RECEIVED

MAR 29 1974

AFFIDAVIT OF PUBLICATION

Department of Water Administration
Southern District Office

County of Cassia,)
) ss.
STATE OF IDAHO)

Ruth Chambers being first

duly sworn, deposes and says that he is the
Bookkeeper of the South Idaho
Press, a daily newspaper published at Bur-
ley, Idaho, in the county aforesaid and that
the paper is of general circulation therein.
Deponent further states that the printed no-
tice attached hereto was duly published
according to law in the regular editions of

The South Idaho Press for 2
consecutive weeks, commencing with the issue
dated March 19 1974, and ending
with the issue dated March 26 1974.

Ruth Chambers

Subscribed and sworn to before me
this 28th day of March
1974.

Edith Ravestadt Notary Public

Cost of Publication 9.10

Notary Fee

Total Cost

My commission expires October 23, 1975



45 7171

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
) ss.
STATE OF IDAHO)

Ruth Chambers being first

duly sworn, deposes and says that he is the

Bookkeeper of the South Idaho Press, a daily newspaper published at Burley, Idaho, in the county aforesaid and that the paper is of general circulation therein. Deponent further states that the printed notice attached hereto was duly published according to law in the regular editions of

The South Idaho Press for 2

consecutive weeks, commencing with the issue

dated March 19, 1974, and ending

with the issue dated March 26, 1974.

Ruth Chambers

Subscribed and sworn to before me

this 28th day of March

1974

Edith Raustadt Notary Public

Cost of Publication 9.10

Notary Fee

Total Cost

My commission expires October 23, 1975

74-81

**NOTICE OF APPLICATION FOR
WATER PERMIT**

Notice is hereby given that Jim Chatburn, Box 95, Albion, Idaho has on 2-26-74 submitted Application No. 45-7171 for a permit to appropriate 5.2 cubic feet per second of water from groundwater by means of deep well pump within the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 4, T 12S, R 25E, B.M., Cassia County to be used from Mar. 1 to Nov. 30 for irrigation of 260 acres within the SW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 4, T 12S, R 25E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho, 83301 on or before Apr. 5, 1974.

R. KEITH HIGGINSON
Director

Published in the South Idaho Press
on Mar. 19 and Mar. 26, 1974.

November 22, 1987

JIM CHATBURN
P.O. BOX 26
ALBION, ID 83311

RE: Permit No. 45-7171

Dear Permit Holder(s):

Enclosed herewith is a copy of your Water Right License issued on the above referenced permit along with a copy of your approved application for amendment.

Should you have any questions regarding these documents, please feel free to contact our office.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

MICROFILMED

MAR 10 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:

$$\begin{aligned} V_{I.R.} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{4.0 = 964.0} \\ V_{D.R.} &= [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{1205.2} \\ V &= \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}} \end{aligned}$$

c) Volume Calculations for Other Uses:

2. **Overlap Review** *per VAX:*

a) Other water rights with same place of use: 45-0244, 45-0260, 45-0321
45-7183 - unnamed stream - Lic. Helen Goodman -
NO OVERLAP PER EXAMS

b) Other water rights with same point of diversion: none

c) Analysis:

Recommend R31 for P/U overlaps -

INDEXED

MAR 10 1988

30 day
P/D

by K. Walker

October 27, 1987

JIM CHATBURN
P.O. BOX 26
ALBION, ID 83311

RE: Permit No. 45-7171

Dear Permit Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 30 days.

If you do not concur with these findings or if you have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

INDEXED

MAR 10 1988

For Annubar Measurement

Pipe size / Annubar
Model No.

TABLE 3

C ←

Based
ON
Annubar
Model No.

% Difference

6"

3.75

+2.60

8" (7.981)

3.87

+ .10

10"

3.94

-2.34

12"

3.99

-3.64

14" & 16"

4.01

-4.16

18" & 24"

4.02

-4.42

30" & larger

4.03

-4.68

$$Q = \frac{8.17^2 \times \sqrt{18.5} \times 3.87}{448.8} = 2.475 \approx 2.48 \text{ cfs}$$

kw
9/28/87

MICROFILMED

MAR 10 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
SEP 16 1987

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 45-7171

1. Owner: Jim Chatburn Phone No. 675-6666

Current Address: Box 26, Albion, ID 83311

2. Accompanied by: Mr. Chatburn EXAM. DATE: 5-7-87

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: Howell Cr. decreed water

☐ Copies Attached

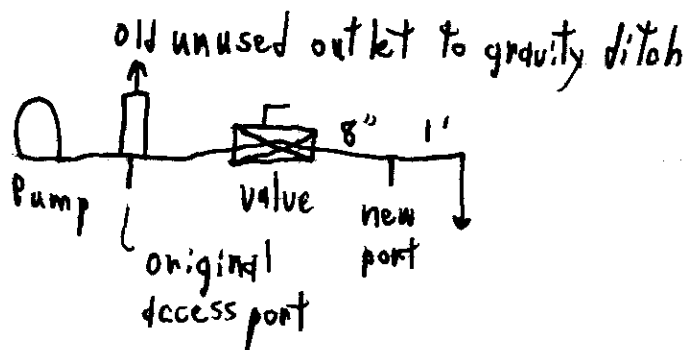
2. Other water rights with same point of diversion: _____

☐ 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



RECEIVED

MAR 10 1988

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.)

Well, motor, pump, 8" mainline to wheel line sprinklers, & 1/4-mile lines.
5/32" nozzles.

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	GE	125	HNT831/09	Aurora	37771566

*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	NW	SE	4	125	25E	Cassia	Aerial photo

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	
125	25E	4									35	38	17	20	40	29	35	40	240
																	22		

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

2. Measurements:

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: 42.5 psi x 2.31 = 98.2 ft (1); Dynamic pumping level: 120 ft (2)
Total Head: (1) + (2) = 218.2 (3) ; Flow rate: 4.03 cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)
Meter Input KW: 3.6 x 4.8 KH x 1.5 CTR or _____ MULT x _____ PTR x 10 N/ 70.1 ^{Sec} 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 = _____ %

Refit River Electric
Pole 13066

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{241 \text{ ac} \times 3.5 \text{ AFA/ac} = 843.5 \text{ AFA}}$
 $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{2.46 \times 245 \times 1.9835 = 1195.5 \text{ AFA}}$
 $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{843.5}$

2. Volume Calculations for Other Uses:

10/10/10

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Re-exam requested & paid for by permittee.

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	2.46	843.5
Totals:				

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

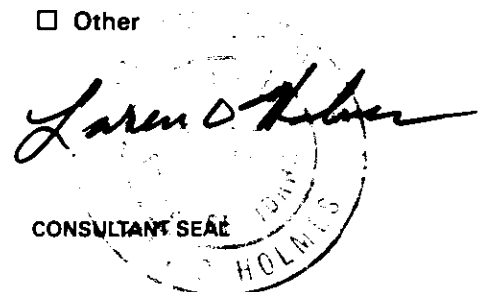
J. AUTHENTICATION

Field Examiner's Name J. E. Stanton

Signature J. E. Stanton

Certification Date 5/15/87

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.

RECEIVED

MAR 10 1988

State of Idaho
DEPARTMENT OF WATER RESOURCES
SUPPLEMENTAL FIELD REPORT FOR ANNUBAR MEASUREMENT

Measured by: J.E. Stanton

Date 5-7-87

Owner: Jim Chathurn

Permit No. 45-7171

Description of well &/or measuring site

- Include any clarifications of the sketch

- Include legal description if more than one p.d. is described in the Field Report

Measured inside diameter of pipe in inches

(A) 2.27' ^{circ} heavy wall 1/4" wall = 8.12" ID

Size of Annubar used in test 7.981"

State ID No. _____

Model No. of Annubar Meter Used 75
(Model No. = 75 for 6" and larger)
(Model No. = 73 for 4")

Size Eagle Eye Meter Used manometer used

State ID No. _____

Date of Last Calibration of Meter _____

Observed inches of H₂O read on Meter

(B) 42.5 - 24.0 = 18.5"

Flow Correction Factor (From Calibration Graph)
(Use 1 if Error is $\pm 2\%$ at observed pressure)

(K) 1

Select C based on Annubar Model No.

If Model No. = 75, then C = 3.85

If Model No. = 73, then C = 4.14

(C) 3.85

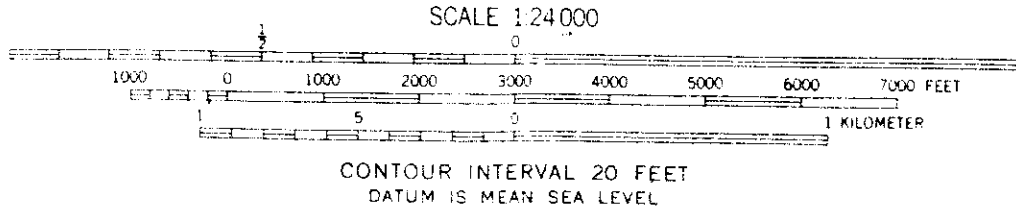
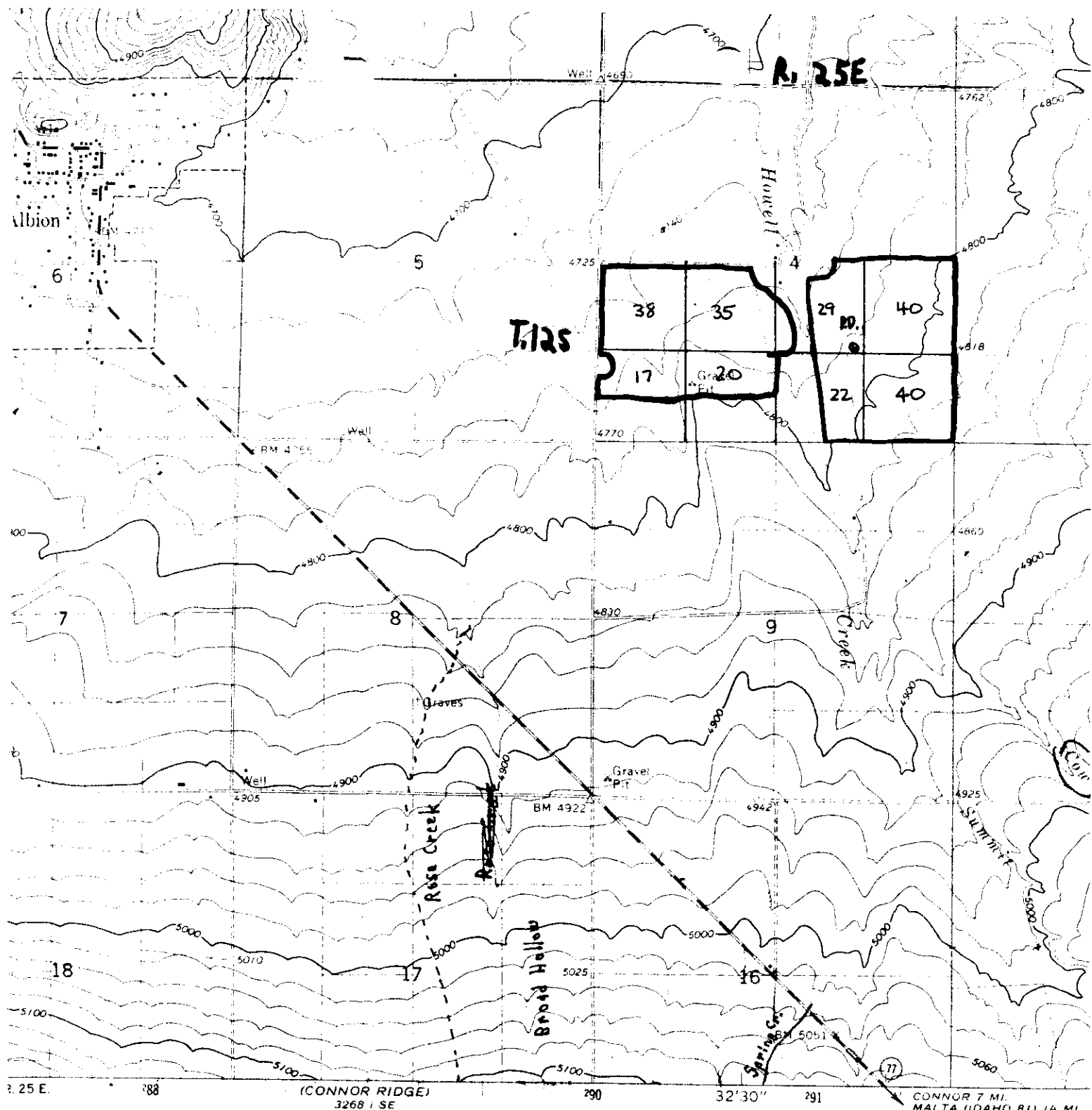
CALCULATION: $K \frac{(A^2)(\sqrt{B})}{448.8} C =$

= 1106 gpm = 2.46 cfs measured

SKETCH (If not shown on Field Report):

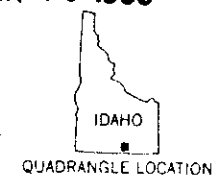
MICROFILMED

MAR 10 1988



MAKROFILMED

MAR 10 1988



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
OR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225. OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

45-7171

5
6.6

6
125.4

34.2

8
29.4

45-117

T 1972

2
93.0

3 4
6.0 2.9

5
8.6

6pp
50.6

33
139.5

7
10.2

NC

9

23.5

F

E

D

C

5.8

27.5

23.9

8.3

9.3

10
29.7

11
32.2

3
10

J

K

6.2

181
T1700

14
6.4

3
22.5

2
3.3

4
44.5

INFORMED

May 10 1988

Well.

Original MP to left
of permit number.
Exam. MP to right of
permit number.



Looking NE from
well.



Looking SE from
well.



CALCULATION OF NEW PRIORITY DATES
LATE EXAM FEES

FOR PERMIT NO.

BY:

	<u>DATE</u>	<u>NUMBER OF DAYS</u> <u>(From Table of Days</u> <u>Between Two Dates)</u>
A. EXAMINATION FEE NOTICE SENT	<u>8-12-86</u>	<u> </u>
B. DATE FEE DUE (60 days)	<u>10-11-86</u>	<u> </u>
C. DATE FEE RECEIVED	<u>8-27-86</u>	<u>0</u>
D. NUMBER OF DAYS LATE (C - B)		<u> </u>
E. ORIGINAL PRIORITY DATE (Check Reinstatement, etc.)	<u>2-26-74</u>	<u> </u>
F. NEW PRIORITY DATE (D + E)	<u>same</u>	<u> </u>

REMARKS:

RECEIVED

MAR 10 1988

ACTION REQUIRED

9-30-82

FROM: Jim Johnson

TO: Field Examiner

Please call Jim Chaburn at 673-6666 before making the exam remeasurement so that he can get the system operating at full capacity.

Please show the date and amt of second measurement on the exam.

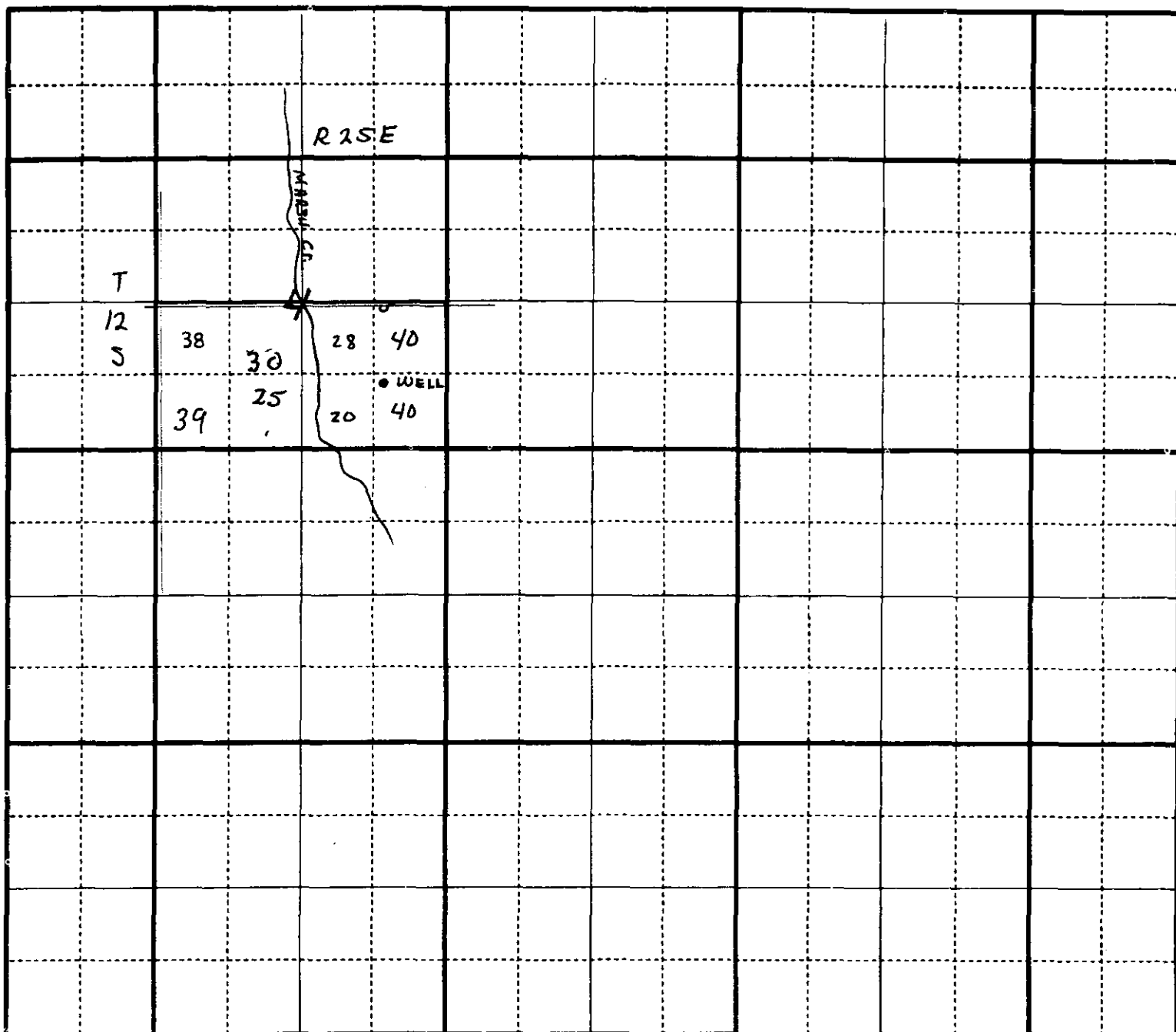


Diagram of System

RECEIVED
FILMED

MAR 10 1988

DATE OF EXAM 7-2-79

ACREAGE
Found 277
Recommended 260 ✓

Irrigation Requirement 3.5 Ac Ft/Ac

USE
Irrigation Q = 2.05 c.f.s. V = 9.10 AF/Ann. from MARCH-15 to NOV 15
Domestic Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____
Livestock Q = _____ c.f.s. V = _____ AF/Ann. from _____ to _____

Is water co-mingled? yes _____ no ✓

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

Exchange? yes _____ no ✓

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

Point of injection: _____
twp. _____ N/S, Rge. _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____
County _____

Point of exchange: _____
twp. _____ N/S, Rge. _____ E/W, B.M., Sec. _____, Sub. _____ 1/4 _____ 1/4 _____
County _____

Total Q measured 2.05 CFS. Method of measurement ANN-U-BAR Eagle Eye METER

Total Q recommended 2.05 CFS. Meter No. 091465 Type 1 8" Condition NEW.

Total V recommended 910.0 AC.Ft./ANN.

Recommended Amendments:

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

MEASUREMENT CALCULATION:

8" ANN-U-BAR 14" = 2.05 CFS ALLOWED.
VOLUME 910.0 AC.Ft./ANN. (IRR REQ. 3.5 AC.Ft./Ac / 260 ACRES) = 910.0 AC.Ft./ANN.
Eagle Eye METER #091465 Reading 14"
ANN U-BAR # 8" 091411

$$V = 2.05 \times 1.9835 \times 245 = 996.2$$

SYSTEM DESCRIPTION:

G.E. MOTOR 125HP. Serial # HNJ831109 AURORA VERTILINE PUMP # 7716566
WHEEL LINES & HAND LINES 1/4 mile @ 32 Hd/LINE

REMARKS:

JIM CHATBURN WAS PRESENT DURING THE EXAM.

Examiner's Signature Dan Junderburg Date 1/10/80
Checked by Alb Mott Date 1/10/80
Approved by John Date 2/25/81

MAR 10 1988

Overlap Review on Back →

Overlap Review for 45-7171

45-7183 unnamed Stream

45-7088 spring

No Overlap due to different Sources
RA 2/25/81

REPRODUCED

MAR 10 1988

RECEIVED
AUG 27 1986

Department of Water Resources
Southern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 150.00
Date 8/27/86
Receipt # 38681
Receipt by M. Balderson
Sent to S.O. 8/27/86

RECEIVED
AUG 29 1986

1. Permit No. 45-7171

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE. Department of Water Resources

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Jim Chatburn

3. Post Office Address: Box 26 Albion, Idaho

Telephone No. 673-6666

4. Source of Water: Ground Water

5. Extent of Use:

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation 280 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 3 cfs _____ acre-feet

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

5/1/77

8. Person to contact to accompany the department representative during the field examination:

Jim Chatburn

(Name) MAR 10 1988

Box 26 Albion, Idaho 83311 673-6666
(Address) (Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

Date 8/26/86

Signature of Permit Holder (and title, if appropriate)
Jim Chatburn

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

45-7171
CHATHURN, JIM
P.O. BOX 95
ALBION, ID 83311

138072

August 12, 1986

CERTIFIED MAIL

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and pay the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers or geologists certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing of certified water

MAR 10 1988

P.

right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD, THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department office.

Southern Region
Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Sincerely,

Loren Holmes
LOREN HOLMES
Southern Regional Manager

Enclosures

MICROFILMED

MAR 10 1988

CONVERSATION MEMORANDUM

DATE 9-30-82FILE 45-7171NAME OF PARTY Jim ChatburnEMPLOYEE Jim Johnson

RE: Per telecon w/above it was confirmed
that the measurement made on the field
exam was less than what Mr Chatburn
had thought the pump was actually
pumping. Apparently Jim Chatburn's dad
had called the department in response
to the 2-26-81 letter requesting an
second measurement but ~~the~~ some
how the request was not recorded
in the file.

Mr. Chatburn said the bores were
at at 220' and he had 45 psi at the
well which was sufficient for the septem
because part of the line ran downhill.

Using the theoretical Q estimate
the septem is capable of producing 2.72
cfs. or 132 in. This corresponds with Mr.
Chatburn's estimate that the septem
produce 130 in.

A remeasurement should be made.
The field exam will be return to the
region before an license is issued.

exam
not back office
in our office
yet. 10/1/82
call up in
6 months
KW

returned to region
exam 9/30/82
KW

RECORDED
INDEXED
MAR 10 1983



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

February 26, 1981

Jim Chatburn
Box 95
Albion, Idaho 83311

Dear Mr. Chatburn,

A representative of this Department has made an examination of the works covered by your Permit No. 45-7171, and has found the following:

Amount of water that can be recognized as beneficially used under
Idaho law: 2.05 cfs Source: groundwater

The maximum quantity diverted shall not exceed 910 acre feet per year.

Point(s) of diversion: SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 4, Twp. 12S, Rge. 25E, B.M.

Beneficial use: Irrigation of 260 acres within the SW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 4, Twp. 12S,
Rge. 25E.

Priority date established: February 25, 1974

Conditions (if any): This right when combined with all other rights shall provide
no more than .02 cfs per acre nor more than 3.5 afa per acre
for the lands above.

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

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

MISFILED

MAR 10 1988



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS

Governor

C. STEPHEN ALLRED

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 384-2215

February 22, 1979

Jim Chatburn
Box 95
Albion, ID 83311

Dear Mr. Chatburn:

Re: Permit No. 4507171

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

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

If you have any questions regarding the field examination, please contact our regional office in **Twin Falls**.

Sincerely,

RITA FLECK
Water Rights

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
**PROOF OF APPLICATION
OF WATER TO BENEFICIAL USE**

RECEIVED

FEB 21 1979

Department of Water Resources

1. a) Name of permit holder Jim Chatburn
b) Post office address Box 95 Albion, Idaho 83311
2. Permit number 45-7171
3. Date of priority that you are prepared to establish 2/26/74 Time- 4:30 P.M.
4. a) Source from which water was appropriated Deep Well Groundwater
b) Location of the point of diversion: SE 1/4 SE 1/4, Section 4
Township 12, Range 25 E Boise Meridian. Other points of diversion: _____
5. a) The amount of water and use to which the water has been applied:
Amount 5 cfs for Irrigation purposes from April 1 to Oct. 31 incl.
(cfs &/or acre-feet per annum) (month-day) (month-day)
Amount _____ for _____ purposes from _____ to _____ incl.
(cfs &/or acre-feet per annum) (month-day) (month-day)
Amount _____ for _____ purposes from _____ to _____ incl.
(cfs &/or acre-feet per annum) (month-day) (month-day)
b) Total amount appropriated 5 cfs and/or acre-feet per annum.
c) Describe how and by whom measurement of rate of flow or amount of storage was made and the qualifications of the person making the measurement:
V-notch Weir measured by Vard Chatburn Irrigator
for 42 years.
6. If the means of diversion and conveyance are owned by someone other than the permit holder:
a) Give the name or description of the canal, ditch or other works by which the water is conducted to the place of use:

b) Describe the agreement of understanding by which you take water from the works: _____

7. a) Briefly describe the works for diverting and conveying the water to the place of use, (if from a subterranean source, give the pump size, motor size, size of well casing, depth of well; if from surface water, give brief description of diversion structure and/or canal or ditch):
8" Pump 125 Hp motor, 12 3/4" O.D. well casing, 640 feet Deep
b) Describe the provision for making a measurement which you have at your point of diversion: (i.e., installed measuring device, access port, other)
access Port

2-22-79

RECORDED

c) Give well driller's name and address and the date the well was completed: _____

Tom MacKenzie Albion, Idaho 83311
April 23, 1977

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

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

Sprinkler Irrigation - Wheel Lines + Hand Lines + Center Pivot

T	R	SEC.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
12	25	4	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	560

Total number of acres irrigated 240

10. Remarks: _____

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

2/16/79
(Date)

Jim Chatham
(Signature)

State of _____)
County of Cassia) ss.

On this 16th day of February, 19 79, personally appeared before me the
signer(s) of the above instrument, who duly acknowledged to me that he (she) (they) executed the same.

My commission expires 7/25/80

Marijane Jolley
Notary Public
Residing at Albion



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 384-2215

CERTIFIED MAIL

January 30, 1978

Re: Permit No. 45-7171

100648

Jim Chatburn
Box 95
Albion, ID 83301

Dear Mr. Chatburn:

One of the conditions of approval of your water Permit No. 45-7171 (see last page of your approved permit) was that evidence of the extent of development be submitted as proof of application of water to beneficial use to this office on or before April 1, 1979. Enclosed is an affidavit form which must be used to submit the required proof of beneficial use.

If you have not fully completed your project, and you have not previously received an extension of time, you may request an extension of time provided the delay is for reasonable cause as indicated in Section 42-204, Idaho Code, amended. If you have been prevented from proceeding by a governmental agency or by litigation, more than one extension of time can be granted.

Either the beneficial use affidavit or a request for an extension of time must be received by this Department on or before the above mentioned date, otherwise, the permit will lapse and be of no further force or effect.


RITA FLECK
Water Rights

Encl: Proof affidavit

MICROFILMED



State of Idaho
DEPARTMENT OF WATER RESOURCES
STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 384-2215

Nov. 20, 1978

Dear Wateruser:

The enclosed Order changes the measuring device condition of approval on your water right permit.

The changed condition should be less restrictive and provide more flexibility to you in the development of your water right system. The specifications related to the size and location of the access port will be available upon request from the Department, as soon as the Department's measuring equipment is obtained.

If you have questions regarding this matter, please contact this office or our regional offices.

Sincerely,

L. GLEN SAXTON
Chief, Operations Bureau

LGS:JG:kw

Enclosure

RECEIVED
NOV 21 1978
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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 Jim Chaburn
Address Albion, Idaho
Owner's Permit No. 45-7171

2. NATURE OF WORK

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

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 12 inches Total depth 660 feet
Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>12 1/2</u> inches	<u>2</u> feet	<u>27 1/4</u> feet
<u>.250</u> inches	<u>12 3/4</u> inches	<u>27 1/4</u> feet	<u>67 1/4</u> feet
<u>.281</u> inches	<u>12 3/4</u> inches	<u>67 1/4</u> feet	<u>168</u> 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 ☒ No
Manufacturer's name _____

Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

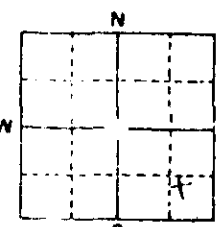
Surface seal depth 18' Material used in seal ☐ Cement grout
☒ Puddling clay ☐ Well cuttings

Sealing 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 Carson



SE 1/4 Sec. 4, T. 12 N/S. R. 25 E/W

7. WATER LEVEL

Static water level 85' feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature normal Quality good
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailor ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
16	0	2	top soil		✓
16	2	6	sandy clay		✓
16	6	18	cemented gravel		✓
12	18	26	sandy clay		✓
{	26	34	cemented gravel		
	34	45	sandy clay	✓	
	45	48	packed sand	✓	
{	48	49	packed sand & boulders	✓	
	49	54	packed sand	✓	
{	54	55	packed sand & boulders	✓	
	55	115	packed sand (blue)	✓	
	115	125	blue-white packed sand	✓	
	125	140	blue-gray fine		
{	140	141	hard packed white sand		✓
	141	162	light gray packed sand	✓	
	162	164	light gray clay sand	✓	
	164	188	light gray packed sand		✓
	188	198	yellow packed sand		
	198	360	black sticky clay		✓
	360	364	dark green sticky clay		✓
	364	374	light green-gray sticky clay		✓
	374	388	brown sticky sandy clay		✓
	388	390	green-gray sandy clay	✓	
	390	390	tan clay	✓	
	390	415	light gray clay		✓
	415	424	tan clay		✓
	424	428	brown sandy clay	✓	
	428	442	tan clay		✓
	442	450	brown clay		✓
	450	470	gray clay		✓
	470	484	gray sandy clay & strips of soft sandstone	✓	
12	484	485 1/2	hard sandstone		✓

(Cont)

10. Work started 3-7-77 finished 4-20-77

11. DRILLERS CERTIFICATION

Firm Name Mac King Well Drilling
Address 221 E. Republic St. Albion, Idaho 83713
Signed by (Firm Official) Keith Mac King
and
(Operator) Tom Mac King

RECEIVED
APR 21 1977

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.

INCREASED

April 11, 1974

Re: Permit No. 45-7171

Jim Chatburn
Box 95
Albion, Idaho 83301

Dear Mr. Chatburn:

Enclosed is a copy of your approved Application for Permit No. 45-7171. We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Sincerely,

BOBBY D. FLEENOR
Assistant Director

BDF/bjg

Enclosures

45 7171

March 12, 1974

RE: Application No. 45-7171 - Jim Chatburn

South Idaho Press
Box 190
Burley, Idaho 83318

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. In order to receive payment, the following certification must appear on the bill:

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

(signature of claimant)

Very truly yours,

Bill submitted 3-29-74 by LT

Bob Haynes
District Engineer
Southern District

45 7171

74-81

**NOTICE OF APPLICATION FOR
WATER PERMIT**

Notice is hereby given that Jim Chatburn, Box 95, Albion, Idaho has on 2-26-74 submitted Application No. 45-7171 for a permit to appropriate 5.2 cubic feet per second of water from groundwater by means of deep well pump within the SE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 4, T 12S, R 25E, B.M., Cassia County to be used from Mar. 1 to Nov. 30 for irrigation of 260 acres within the SW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 4, T 12S, R 25E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Administration, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho, 83301 on or before Apr. 5, 1974.

R. KEITH HIGGINSON
Director

Published in the South Idaho Press
on Mar. 19 and Mar. 26, 1974.

45 7171

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Box 95, Albion, Idaho
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R. KEITH HIGGINSON

Director

Published in the South Idaho Press
on Mar. 19 and Mar. 26, 1974

45 7171

March 1, 1974

Mr. Jim Chatburn
Box 95
Albion, Idaho 83311

Dear Mr. Chatburn:

Enclosed is your original application for permit and an application which has been retyped for your signature. Please return both to this office when you have signed the new application and it will be processed.

Also enclosed is your receipt 13743 for your fee of \$75.00 which was received in the Boise office February 26, 1974.

If you have any questions, don't hesitate to call on us.

Sincerely,

Bob Haynes
Southern District Engineer

BH:lt

enc.