

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 45-07584

Priority: July 1, 1985

Maximum Diversion Rate:

1.02 CFS

This is to certify, that JIM CHATBURN
PO BOX 26
ALBION ID 83311

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated July 1, 1985; and
has submitted Proof of Beneficial Use on November 18, 1991. An examination indicates
that the works have a diversion capacity of 2.480 cfs of water from a **GROUNDWATER**
source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
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IRRIGATION	10/01 to 10/31	1.02 CFS	
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LOCATION OF POINT(S) OF DIVERSION: 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>TOTAL</u>
12S	25E	4	Lot 1(NENE) 32	Lot 2(NWNE) 20	SWNE 10	
			SENE 40	NESW 35	NWSW 38	
			SWSW 17	SESW 20	NESE 40	
			NWSE 2	SWSE 22	SESE 40	343

Total number of acres irrigated: 343

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variations of this right must be made within the limits of Section 2-201, Idaho Code, or the applicable Idaho law.
4. This right is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
5. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the right issued to change, add or remove any requirement as determined to be appropriate.

FEB 15 1995

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 45-07584

CONDITIONS/REMARKS:

7. The right holder shall use the full allotment of appurtenant surface water rights, to the extent they are available, in conjunction with groundwater diverted pursuant to this right.
8. This right to divert groundwater shall not be used if the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
9. Right 45-07171 is also diverted through the point of diversion described above.
10. Use of this right with Right 45-07171 is limited to a total combined diversion rate of 2.48 cfs and a total combined annual diversion volume of 1052.7 af.
11. This right is limited to the irrigation of 102 acres within the place of use described above in a single irrigation season.
12. This right when combined with Right 45-07171 and all other rights shall provide not more than .02 cfs per acre nor exceed a combined annual diversion volume of 1372.0 af 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 7th
day of FEBRUARY 1995

Acting for _____
With _____, Director

FEB 15 1995

State of Idaho
Department of Water Resources

RECEIVED

JAN 31 1995

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-07584

Date of Priority: July 1, 1985
Comes now JIM CHATBURN
PO BOX 26
ALBION ID 83311

Maximum Diversion Rate: 1.02 CFS

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. 45-07584, 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>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	1.02 CFS	

LOCATION OF POINT(S) OF DIVERSION: 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>TOTAL</u>
12S	25E	4	Lot 1(NENE)	32	Lot 2(NWNE)	20	SWNE	10	
			SENE	40	NESW	35	NWSW	38	
			SWSW	17	SESW	20	NESE	40	
			NWSE	29	SWSE	22	SESE	40	343

Total number of acres irrigated: 343

APPROVED

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, Idaho, this 27 day of Jan., 1995.

[Stamp]

[Signature]
(Signature)

FEB 15 1995

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-07584

FOR DEPARTMENT USE ONLY

Preliminary check by SWK Fee = 50⁰⁰ Received by RT #C032087 Date 1-31-98

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. 45-07584 with the following;

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
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 is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
5. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the right issued to change, add or remove any requirement as determined to be appropriate.
7. The right holder shall use the full allotment of appurtenant surface water rights, to the extent they are available, in conjunction with groundwater diverted pursuant to this right.
8. This right to divert groundwater shall not be used if the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
9. Right 45-07171 is also diverted through the point of diversion described above.
10. Use of this right with Right 45-07171 is limited to a total combined diversion rate of 2.48 cfs and a total combined annual diversion volume of 1052.7 af.
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12. This right when combined with Right 45-07171 and all other rights shall provide no more than .02 cfs per acre nor exceed a combined annual diversion volume of 1372.0 af for the lands above.

FEB 15 1995

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 45-07584

Witness my hand this 5TH day of FEBRUARY, 1995.


R. Keith Higginson, Director

RECEIVED
FEB 15 1995

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-07584

RECEIVED

JAN 27 1985

Department of Water Resources
Southern Region

Date of Priority: July 1, 1985
Comes now JIM CHATBURN
PO BOX 26
ALBION ID 83311

Maximum Diversion Rate: 1.02 CFS

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. 45-07584, 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>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	1.02 CFS	

LOCATION OF POINT(S) OF DIVERSION: 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>TOTAL</u>
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			SENE	40	NESW	35	NWSW	38	
			SWSW	17	SESW	20	NESE	40	
			NWSE	29	SWSE	22	SESE	40	343

Total number of acres irrigated: 343

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 _____, this _____ day of _____, 19____.

(Signature)

45-07584

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-07584

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = _____ Receipted by _____ # _____ Date _____

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. 45-07584 with the following;

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
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 is for the use of trust water and is subject to review 20 years after the issuance of the permit to determine availability of water and to re-evaluate the public interest.
5. Diversion and use of water under this right is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
6. The Director retains jurisdiction of the right issued to change, add or remove any requirement as determined to be appropriate.
7. The right holder shall use the full allotment of appurtenant surface water rights, to the extent they are available, in conjunction with groundwater diverted pursuant to this right.
8. This right to divert groundwater shall not be used if the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
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12. This right when combined with Right 45-07171 and all other rights shall provide no more than .02 cfs per acre nor exceed a combined annual diversion volume of 1372.0 af for the lands above.

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 45-07584

Witness my hand this _____ day of _____, 19____.

R. Keith Higginson, Director

RECEIVED

STATE OF IDAHO

For Office Use Only
 Amt. of Fee \$ 125.00
 Date 11-18-91
 Receipt No. 5012924
 Received by J.F. Hutton

NOV 18 1991

DEPARTMENT OF WATER RESOURCES

Department of Water Resources
 Southern Region Office

PROOF OF BENEFICIAL USE

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

1. Permit No. 45-07584 Telephone No. 622-6666

2. Name(s) of Permit Holder(s): Jim Chatburn

3. Post Office Address: Box 26, Albion, ID 83311

4. Source of Water: Groundwater

a. If ground water, well driller's name: Tom McKenzie Date drilled: 1977

b. Pump horsepower: 120 Pressure (psi): 35-40 Dynamic pumping level (ft.): 160

5. Extent of Use:

Domestic _____ (No. of households) Irrigation 160 (No. of acres)

Stockwater _____ (No. and type of stock) Other _____

6. Total rate and/or volume for which proof is submitted 2.0 cfs _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? Yes XNo Installed? Yes No

OR

Flow Measurement Port: Required? XYes No Installed? XYes No

8. Fee Enclosed: \$ 125.00 (See License Examination Fee Schedule)

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

Permittee
 Name Telephone No.

Address

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

11/18/91
 Date

Jim Chatburn
 Signature (and title if on behalf of a company or organization)

DEC 11 1991

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 45-07584

Proposed Priority: July 1, 1985 Maximum Diversion Rate: 2.00 CFS
This is to certify, that **JIM CHATBURN**
BOX 26
ALBION, ID 83311

has applied for a permit to appropriate water from: **GROUNDWATER**
and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/01 to 11/30	2.00 CFS

LOCATION OF POINT(S) OF DIVERSION: SESE 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>TOTAL</u>
12S	25E	4	NENE 40	NWNE 40	SWNE 40	160
			SENE 40			

Total number of acres irrigated: 160

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 1991.
2. Subject to all prior water rights.
3. A flow measurement 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.
4. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. Any license issued by IDWR pursuant to the permit or portion thereof for the use of trust water is subject to a term review of 20 years after the date of this approval to determine availability of water for the use and to re-evaluate the public interest at the end of the term.
6. Diversion and use of water under this permit is subject to an annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
7. The Director retains jurisdiction of the permit and/or subsequent license issued to change, add or remove any requirement as determined to be appropriate.
8. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.

MICROFILMED

JAN 17 1991

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 45-07584

CONDITIONS/REMARKS:

9. The issuance of this permit in no way grants any right-of-way or easement across the land of another.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this

14th day of December, 19 90

for R. Keith Higginson
R. Keith Higginson, Director

MICROFILMED

JAN 67 1981

RECEIVED
JUL 9 1985
Department of Water Resources
Southern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

RECEIVED
JUL 1 1985

To appropriate the public waters of the State of Idaho

1. Name of applicant Jim Chatburn Phone (208) 673-6666
Post office address Box 26 Albion, Idaho 83311
2. Source of water supply Groundwater which is a tributary of _____
3. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 4 Township 12 S
Range 25 E B.M. Cassia County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 20 cfs for irrigation purposes from Mar 1 to Nov 30 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (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. 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 when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 12 inches; proposed depth of well is 660 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). This well was completed 4/20/77

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: _____ horsepower 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: _____

RECORDED
JAN 27 1981

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	
12S	25E	4	40	40	40	40													

Total number of acres to be irrigated 160

c. Describe any other water rights used for the same purposes as described above. .3 cfs from Howell Creek

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 J. Card Chatburn

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

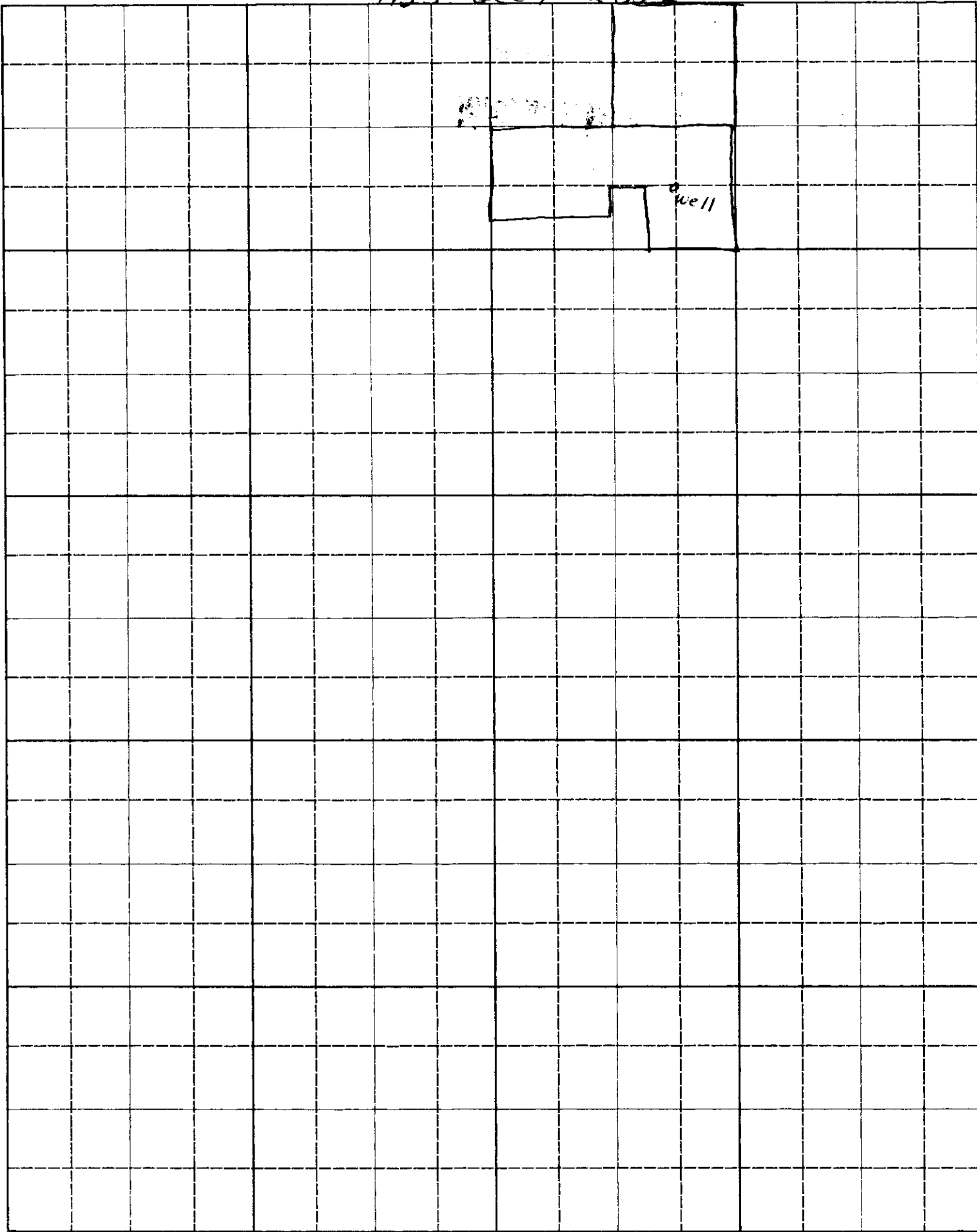
10. Remarks This application is being filed even though the water has been used on this land since 4/21/77. I am Filing a Claim for the use of this water with a priority date of 3/12/74.

MAKED FILMED

JAN 17 1991

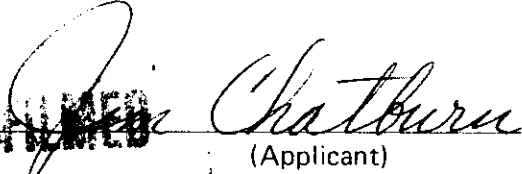
11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

T12S Sec 4 R25E



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.


(Applicant)

JAN 67 1991

marga *7/19/85* *11/30 a*
cu *7/05/85*
Received by *LS* Date *7/1/85* Time *9:54 a*
Preliminary check by *AS* Fee \$ *85.00*
Receipted by *marga* Date *7/1/85* # *36677*
Publication prepared by _____ Date _____
Published in _____
Publication dates _____
Publication approved _____ Date _____
Protests filed by: _____

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

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. _____, 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. 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:

MICROFILMED

JAN 67 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

February 9, 1995

JIM CHATBURN
PO BOX 26
ALBION ID 83311

RE: WATER RIGHT NO. 45-07584

Dear Water Right Holder(s):

Enclosed is a copy of the 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 contact me.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECORDED

FEB 15 1995



State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

January 24, 1995

JIM CHATBURN
PO BOX 26
ALBION ID 83311

RE: WATER RIGHT NO. 45-07584

Dear Water Right 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. The amendment reflects a change in the location of the point(s) of diversion and the place(s) of use description. Please review carefully and if you concur, sign the amendment and return with the \$50.00 filing fee within 14 days.

The last page of the Application for Amendment form contains a list of CONDITIONS/REMARKS proposed for the license when it is issued. These conditions/remarks may be modified upon further administrative review.

If you do not concur, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen".

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED
FEB 15 1995

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

NOV 15 1991

Department of Water Resources

A. GENERAL INFORMATION

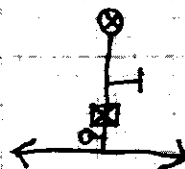
1. Owner: Jim Chatburn Permit No. 45-07584
Current Address: P.O. Box 26, Albion, ID 83311 Phone No. 673-6666
2. Accompanied by: Mr. Chatburn EXAM. DATE: 5-6-92
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 45-00253, 00274 ☐ Copies Attached
2. Other water rights with same point of diversion: 45-07171 ☐ 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" = _____

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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FEB 15 1995

System Description (continued)

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

Well, motor, pump, buried & portable mainline to 8 wheel lines. 2 lines are used on NE 1/4 Sec. 4.

Pump in Howell Creek ties directly into mainline so decreed rights can be used when available.

☐ 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
	GE	125	HNTJ831109	Auhora	7771566

*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	

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	
Total P/U To be Lic.	125	25E	4	32	20	10	40													102
				41	12															
P/U Now Watered	125	25E	4			45	40													44.5

Do not use this space

RECEIVED
FEB 15 1995

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:

Not measured for this exam.

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Recommend 0.62 cfs be licensed

1. Measured Method:

Allow 1/4 of 2.48 cfs = 0.62 66 nozzles x 4 gpm/head = 0.59 cfs.

2. Alternate Method for Checking Purposes:

System capacity is 2.56 cfs on Theoretical basis. System was measured at 2.48 cfs in 1987. Recommend the measured amount as system capacity.

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.0 \times 102 = 408$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .62 \times 214 \times 1.9835 = 263.2$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 263.2 \text{ AFA}$

2. Volume Calculations for Other Uses:

System Capacity: 2.48 x 214 x 1.9835 = 1052.7 AFA

285.5 ac. x 4.0 AFA/ac. = 1142 AFA

Allow 1052.7 AFA when combined with 45-09171

RECEIVED
FEB 15 1995

H. REMARKS AND OVERLAP REVIEW ANALYSIS

* Permittee also has 90" of Howell Cr. water for the land previously licensed from this well. When that water is available, the well can water a good portion of the NE 1/4 Sec. 4. But due to the continuing drought, little surface water has been available for the last 6 years. So the portable mainline has been shortened & sprinklers have been reduced on this land. With no surface water available, the well is pumping at capacity when irrigating the old land & the reduced acreage in the NE 1/4 Sec. 4. Recommend that the land on the north & west sides of the presently-irrigated land be included in the license, but not to exceed 285.5 acres when combined with Lic. 45-07171. Not to exceed 2.48 cfs on 1052.7 AFA when combined with Lic. 45-07171. Not to exceed 0.02 cfs/ac, or 4.0 AFA/ac, for all rights combined on this land.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4-1	10-31	0.62	263.2
Totals:			0.62	263.2

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 _____
Field Report Preparation Date 7-9-92

CONSULTANT SEAL

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

* See attached adjustment explanation memo. *JS*

RECEIVED
FEB 15 1995

MEMORANDUM

TO: File 45-07584 / Jim Chatburn
FROM: Brenda Chapman
DATE: January 25, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for the above referenced water right are based on the information below:

H. NARRATIVE/REMARKS/COMMENTS

The license recommendation will be for a "PPU" situation; however, the total 102 acres (the amount irrigated when surface water is available) will be recommended within the 343 acre place of use.

The rate per acre for the right sharing the p/d (45-07171) is .01 cfs; therefore, the recommendation for this right will be the same (1.02 cfs for the 102 acres).

Supplemental groundwater and permissible place of use remarks will address the combined acre, rate and volume limitations.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	4-01 to 10-31	1.02	Not listed

See item H.

FILED
FEB 15 1995

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

FILE: 45-07584
DATE: 5-6-92
BY: J.E. Stanton

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (H.P.) \times (EFF.)}{TDH}$

Q = CFS
H.P. = Total Brake Horsepower of pumping plant (including booster)
EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = depth to water in FEET from land surface to pumping water level
PSI = pumping pressure measured in psi near pump
(if open discharge assume zero [0])

$$Q = \frac{(8.8) \times (125) \times (0.70)}{[(125) + (46 \times 2.31)]} = 2.56 \text{ cfs}$$

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
measurement ()	measurement ()	Motor Make, Serial or ID
owner (X)	owner ()	
area estimate ()	estimate ()	Pump Make, Serial or ID, rating
well logs ()	owner gage (X)	
Booster (Y) (N)		

REMARKS

ANNUAL VOLUME ANALYSIS

POTENTIAL Acre Feet/Acre/Annum = $\frac{(\text{DAYS IN SEASON}) \times (1.98) \times (Q)}{(\text{RECOMMENDED ACRES IRRIGATED})}$

(season)	(days)	
3/15 - 11/15	246	
4/1 - 11/1	215	POTENTIAL =
4/15 - 10/15	184	
3/1 - 12/1	276	

POTENTIAL = 10.6

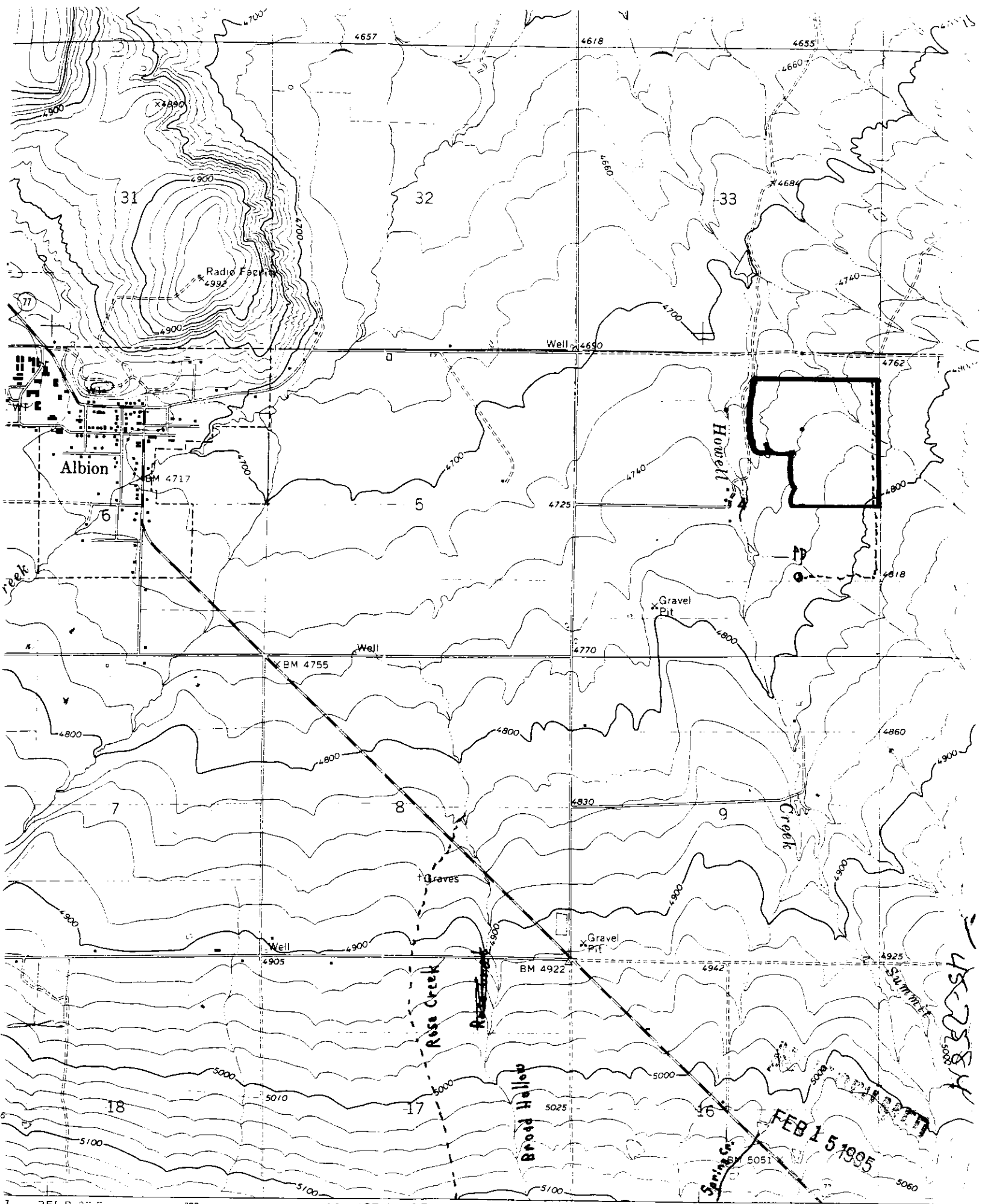
REQUIRED Acre Feet/Acre/Annum = 4.0
(AF/Ann/Ac irrigation requirement from chart for area)

NOTE that this is NOT Consumptive use

IF POTENTIAL IS GREATER THAN REQUIRED THEN NO MEASUREMENT NECESSARY (X)

IF POTENTIAL IS LESS THAN REQUIRED THEN MEASUREMENT IS NECESSARY ()

FEB 15 1993



7 35' R OSE 288 (CONNOR RIDGE) 3268' SE 290 32'30" 291
SCALE 1:24,000

45-7584

486
 8636

NW
 NHEL

5
 40.0

7
 5.6

4
 74.6

NW
 NHEL

171

NHEL/W

3
 6.8

58.8

33

34

4

3

Now
 45.5 ac.

34.2

8

29.4

6
 125.4

7
 12.4

15

972

33.0

3
 0.29

4

5
 8.6

6
 50.6

NW
 NHEL

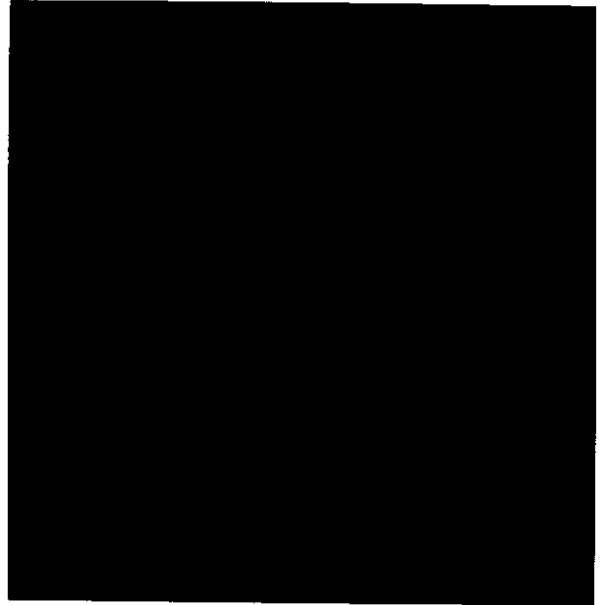
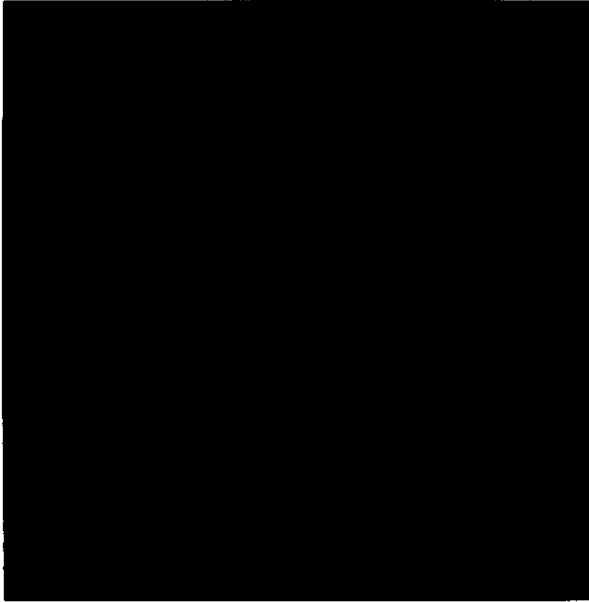
NW
 NHEL

9
 52.5

3
 6.0

51995

45-07584

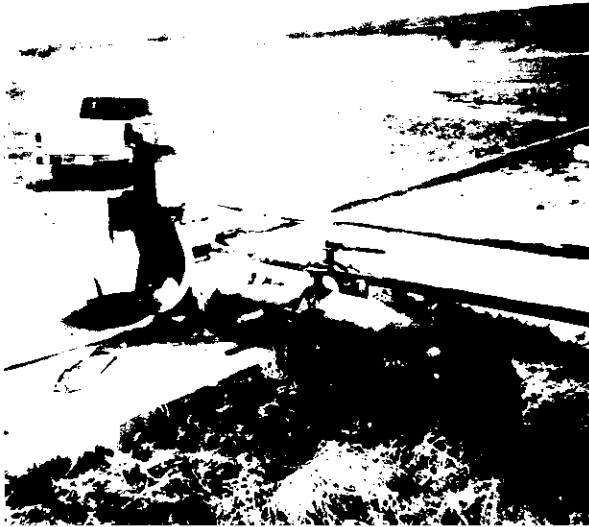


Diversion Works
P/U in Background

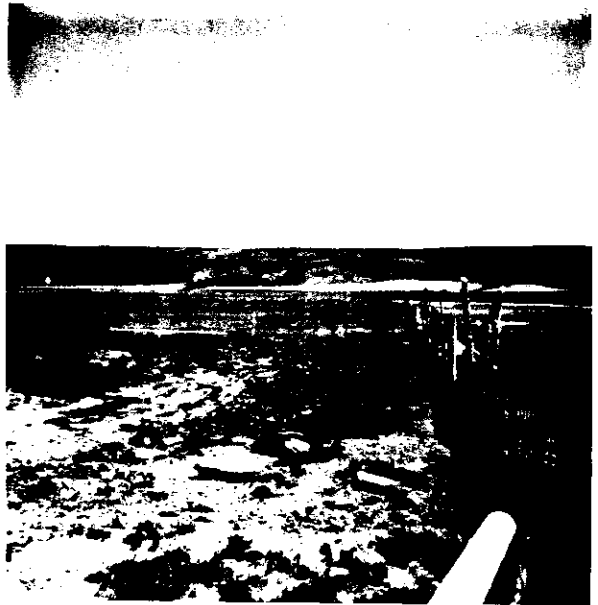
Buried Mainline From Well

FEB 15 1995

45-00584



Person on Works
A/1 in background



Person on Works from 1/2

December 5, 1991

JIM CHATBURN
BOX 26
ALBION ID 83311

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 45-07584

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the SOUTHERN Regional Office in Twin Falls at (208)736-3033.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

MICROFILMED

DEC 11 1991

138063
September 30, 1991

JIM CHATBURN
BOX 26
ALBION ID 83311

PROOF DUE NOTICE
RE: PERMIT NO. 45-07584

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before December 1, 1991. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Nina Shields
Secretary/Records Manager

Enclosures

MICROFILMED
DEC 11 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

December 18, 1990

JIM CHATBURN
BOX 26
ALBION, ID 83311

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 45-07584

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device. Enclosed, for your reference, is a list of measuring device options.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

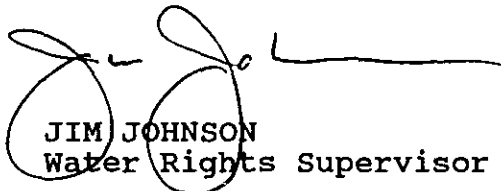
You should be aware that you are located within a drainage basin where surface water diversions are regulated by a watermaster. It is possible that diversion of groundwater under your permit may cause a reduction of surface water flow. Siting your well as far as possible from surface water channels and casing your well so that groundwater tributary to surface water flows are not diverted will reduce the potential for the watermaster to regulate your water use.

MICROFILMED

JAN 07 1991

This permit authorizes the appropriation of trust water. Trust water is defined as that portion of a particular hydropower water right which exceeds certain minimum stream flows established by state action, and is held in trust by the State of Idaho for the use and benefit of the people within the state. Conditions pertaining to a term review, annual use fee and jurisdiction of the permit are trust water conditions.

Sincerely,



JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosures

MICROFILMED
JAN 1971

MEMORANDUM

TO: FILE

FROM: TIM LUKE

DATE: December 7, 1990

RE: TRUST WATER REVIEW/APP. NO 45-7584

=====

This application has been reviewed in sequence by order of its priority. The applicant returned a trust water information questionnaire and has claimed that approximately 100 acres were developed as of 10/1/1984.

I have reviewed 1984 NHAP photography on file at the state SCS office in Boise to verify claims of prior development. I found about 90 acres irrigated in that year (see notes and irrigated acres location on attached place of use overlap report). The remaining 70 acres under the application which were not irrigated in 1984 should count as trust acreage.

MICROFILMED

DEC 7 1991

90-479
NOTICE OF APPLICATION FOR
TRUST WATER RIGHT

45-07225
CLEAR CREEK RANCHES
P.O. BOX 81
MALTA, ID 833420000
Source: UNNAMED STREAM
Tributary: SINKS
Diversion Pt: NWSWE Sec 34 T 15S R

27E
Use: IRRIGATION FROM STORAGE
(5.00 AF)

IRRIGATION STORAGE (5.00 AF)
IRRIGATION (3.000 CFS)
Total Diversion: (3.000 CFS) (5.00 AF)
Date Filed: 11/1/1985
In: T15S R27E S34 NESW NWSW SWSW
NWSE

150.0 ACRES TOTAL
45-07284

CHATBURN, JIM

BOX 26
ALBION, ID 83311
Source: GROUNDWATER
Diversion Pt: SESE Sec 4 T 12S R 25E
Use: IRRIGATION (2.000 CFS)
Total Diversion: (2.000 CFS)
Date Filed: 7/1/1985
In: T12S R25E S04 NENE NWNE SWNE
SENE

150.0 ACRES TOTAL
45-07586

BINGHAM, MAX

RT. 2
BOX 2352
BURLEY, ID 833180000
Source: GROUNDWATER
Diversion Pt: SWSESW Sec 18 T 11S R
22E
Use: IRRIGATION (4.280 CFS)
Total Diversion: (4.280 CFS)
Date Filed: 11/8/1985
In: T11S R22E S18 NESW NWSE Lot 4
(SWSW) SESW
S20 NESW NWSW SWSW SESW
214.0 ACRES TOTAL

45-07589

KELLEY, GEOGRE M.

P.O. BOX 25
ALBION, ID 833110000
Source: GROUNDWATER
Diversion Pt: NENENE Sec 35 T 11S R
24E

NENENW Sec 1 T 12S R 24E

Use: IRRIGATION (8.400 CFS)

Total Diversion: (8.400 CFS)

Date Filed: 1/15/1986

In: T11S R24E S26 SWSE SESE

S35 NENE NWNE SWNE SENE

NENW SENW NESW NWSW

SWSW SESW NESE NWSE

SWSE SESE

T12S R24E S01 Lot 4 (NWNW)

S02 Lot 1 (NENE) Lot 2 (NWNE)

720.0 ACRES TOTAL

45-07590

SMYER, NORMAN

RT. 1 BOX 2

DECLO, ID 833230000

SMYER, KEVIN

RT. 1 BOX 2

DECLO, ID 833230000

SMYER, DE LORES

RT. 1 BOX 2

DECLO, ID 833230000

Source: GROUNDWATER

Diversion Pt: SWSWNE Sec 16 T 12S R

25E

Use: IRRIGATION (3.000 CFS)

Total Diversion (3.000 CFS)

Date Filed: 3/14/1986

In: T12S R25E S16 NENE NWNE SWNE

SENE

150.0 ACRES TOTAL

45-07606

SMYER, BENNIE

BOX 573

ALBION, ID 833110000

Source: SUMMIT CREEK Tributary:

HOWELL CREEK

Source: ANTONE CREEK Tributary:

SUMMIT CREEK

Diversion Pt: SWSWNE Sec 15 T 12S R

25E

SWNESW Sec 15 T 12S R 25E

NENWSW Sec 15 T 12S R 25E

Use: IRRIGATION STORAGE (30.00 AF)

IRRIGATION FROM STORAGE (30.00

AF)

IRRIGATION (4.000 CFS)

Total Diversion: (4.000 CFS)

Date Filed: 8/28/1986

In: T12S R25E S15 NENW NWNW

SWNW SENW

NESW NWSW SWSW SESW

310.0 ACRES TOTAL

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia, }
STATE OF IDAHO }

ss.

Irene Sanchez being first
duly sworn, deposes and says that she
is the Clerk of the South
Idaho Press, a daily newspaper published
at Burley, Idaho, in the county aforesaid
and that the paper is of general circulation
herein. Deponent further states that the
printed notice attached hereto was duly
published according to law in the regular
ditions of The South Idaho Press for two
consecutive weeks, commencing with the
issue dated November 16, 1990, and
ending with the issue dated November 23,
1990. Irene Sanchez

HO Cassia }

day of December in the year of 1990, before me,
personally appeared Irene Sanchez,
fled to me to be the person whose name subscribed to the
ent, and being by me first duly sworn, declared that the
ein are true, and adknnowledged to me that he executed

Debra Mahay
Notary Public for Idaho

Residing at Burley ID

My commission expires: 2/4/93

tion: 127.44

127.50
127.44

MICROFILME

JAN 07 1991

OK
TJL
12-7-90

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
State Office
1301 North Orchard St.

Statehouse Mail
Boise, Idaho 83720
(208) 327-7900

NOVEMBER 9, 1990

South Idaho Press
Box 190
Burley, ID 83318

Dear Legal Dept.:

Enclosed you will find legal notices which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. 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. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before DECEMBER 3, 1990.

Yours truly,

BRENDA L. MILLER
Clerical Specialist

Encl.

MICROFILMED

JAN 17 1991

NOTICE OF APPLICATION FOR TRUST WATER RIGHT

45-07584

CHATBURN, JIM
BOX 26
ALBION, ID 83311

Source: GROUNDWATER

Diversion Pt: SESE Sec 4 T 12S R 25E

Use: IRRIGATION (2.000 CFS)
Total Diversion: (2.000 CFS)

Date Filed: 7/ 1/ 1985

In: T12S R25E S04 NENE NWNE SWNE SENE
160.0 ACRES TOTAL

MICROFILMED

JAN 07 1991

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Statehouse Mail, Boise, Idaho 83720 on or before DECEMBER 3, 1990.

R. KEITH HIGGINSON, Director

Published 11/16/1990 & 11/23/1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
TRUST WATER INFORMATION QUESTIONNAIRE

Application No. 45-7584

INSTRUCTIONS: IF YOU ARE NOT INTERESTED IN HAVING THE APPLICATION PROCESSED, PLEASE COMPLETE AND RETURN THE ENCLOSED WITHDRAWAL FORM.

IF YOU WISH TO HAVE THE APPLICATION PROCESSED, PLEASE ANSWER THE FOLLOWING QUESTIONS AS THOROUGHLY AS POSSIBLE. FAILURE TO RETURN EITHER THE WITHDRAWAL FORM OR QUESTIONNAIRE IS CAUSE FOR THE DEPARTMENT TO VOID THE APPLICATION.

1a. Are you the current owner of the land or place of use described under this application? Yes _____ No X

b. If you are not the propoerty owner, please describe the arrangement enabling you to develop the proposed project.

I have a Cottinious Lease.

2a. Has the source of water listed on this application been used to irrigate any of the land described under this same application prior to October 1, 1984? Yes X No _____

b. If yes, please describe the extent of development and number of acres irrigated. (Note: Uses developed after October, 1984 are considered trust water diversions and may be subject to certain conditions. You may be asked to verify uses established prior to October, 1984.)

Brush Cleared, Grain And Alfalfa has been raised on 100 acres.

3. If you answered NO to ques #2a, please state the number of acres you have irrigated with this source after October 1, 1984. _____

4. If you have not irrigated lands under this application, please state the number of acres you plan to complete. _____

5. If the permit is a supplemental filing please identify other water rights which are used on the same land.

.3 CFS From Howell Creek

Use the reverse side of this form if you wish to add any comments. You may mark changes on the enclosed application to designate any proposed amendments. (Note: Proposed changes which result in an expansion of use will not be considered by the department.)

I hereby assert that the responses provided above are true to the best of my knowledge. I understand that any willful misrepresentations may result in voiding of the application.

Applicant

Jim Chatham

Date 10/23/90

MICROFILMED

JAN 07 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

October 22, 1990

RE: APPLICATION FOR PERMIT NO. 45-7584

Dear APPLICANT:

Due to the Swan Falls litigation, Department approval of the enclosed application may have been delayed. The Department is presently reviewing your application and may authorize the proposed development.

The purpose of this letter is to determine: (1) if you are still interested in developing the project, and (2) the extent of development, if any, that has already occurred under the application. Enclosed are two forms requesting information which will help the Department expedite the processing of the application.

1. If you have abandoned or have no interest in continuing with your plans for development of the project, please complete the enclosed withdrawal form and return it to the Department. If you request a withdrawal of the application and the application was not previously advertised, the department will refund your original filing fee.

2. If you wish to continue with your proposed development plans, or have completed all or a portion of the proposed development before October 1, 1984, then you must complete and return the enclosed questionnaire. You may use the questionnaire and enclosed application to make any comments &/or amendments concerning the application. Your completion of the questionnaire will expedite processing and help the department determine if the water diverted under the application is public water or trust water. Approved trust water applications may be subject to additional conditions.

Failure to return either of the above forms within thirty (30) days of the date of this letter is cause for the Department to void the application.

Please be further advised that if any undeveloped portion of your proposed project is greater than 200 acres, the department will issue a notice requesting additional information as required by Water Appropriation Rule 4,5. (copy enclosed). In particular, rules 4,5,3. through 4,5,3,5. apply to your project if it is more than 200 acres. If necessary, the rule 4,5. information notice will be sent to you after you return the questionnaire.

MICROFILMED

JAN 07 1991

Page 2

If you have questions concerning the content of this letter or about completing the forms, please contact Tim Luke at the address below or by calling directly at 327-7864. The enclosed forms and all other relative information must be returned within thirty (30) days to:

Idaho Department of Water Resources
Statehouse Mail
Boise, Idaho 83720-9000
Attn: Tim Luke

Please note that a copy of your application is enclosed. The application number is also shown on the enclosed questionnaire.

Sincerely,



TIM LUKE
Sr. Water Resource Agent

Enclosures

MICROFILMED

JAN 07 1991