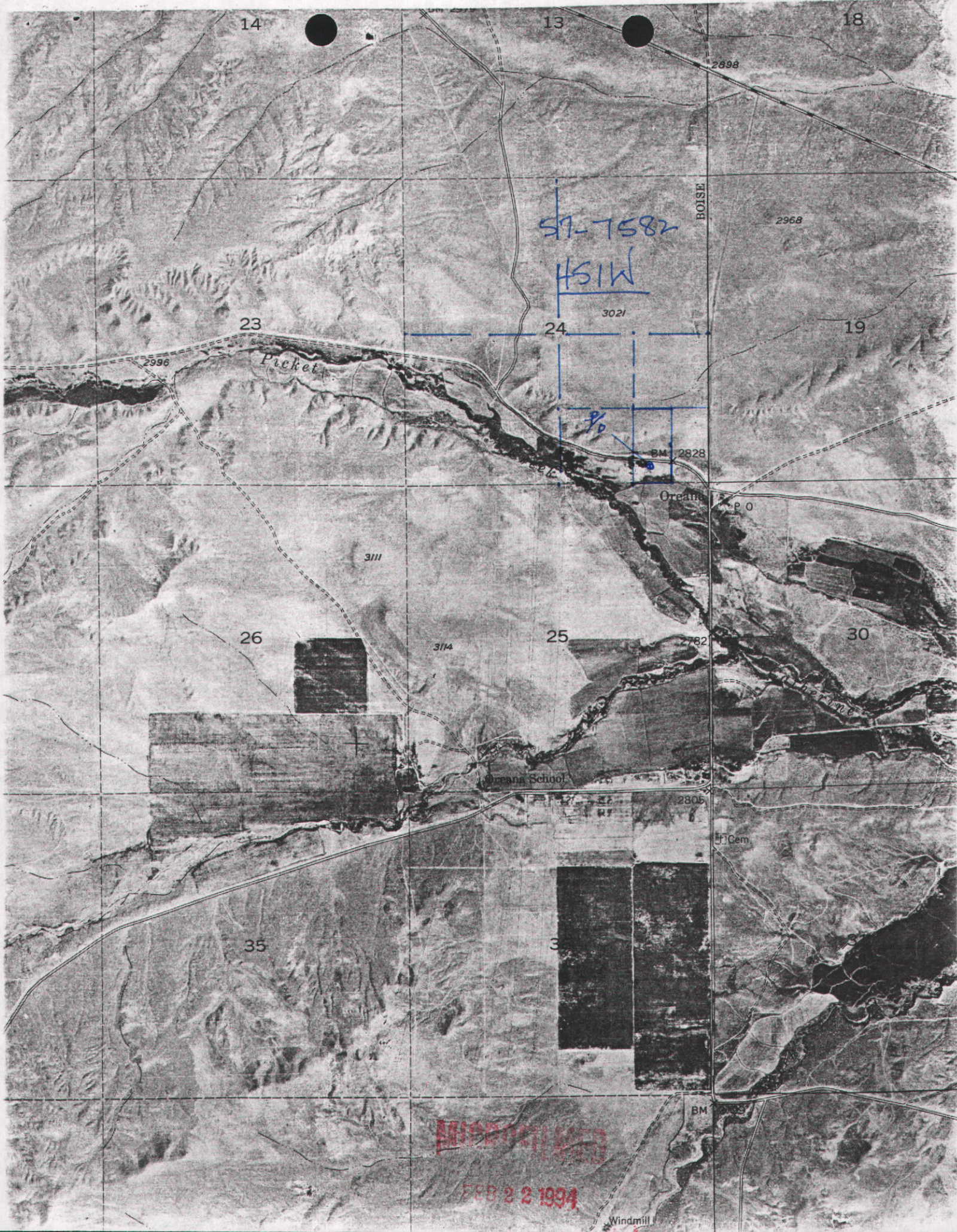
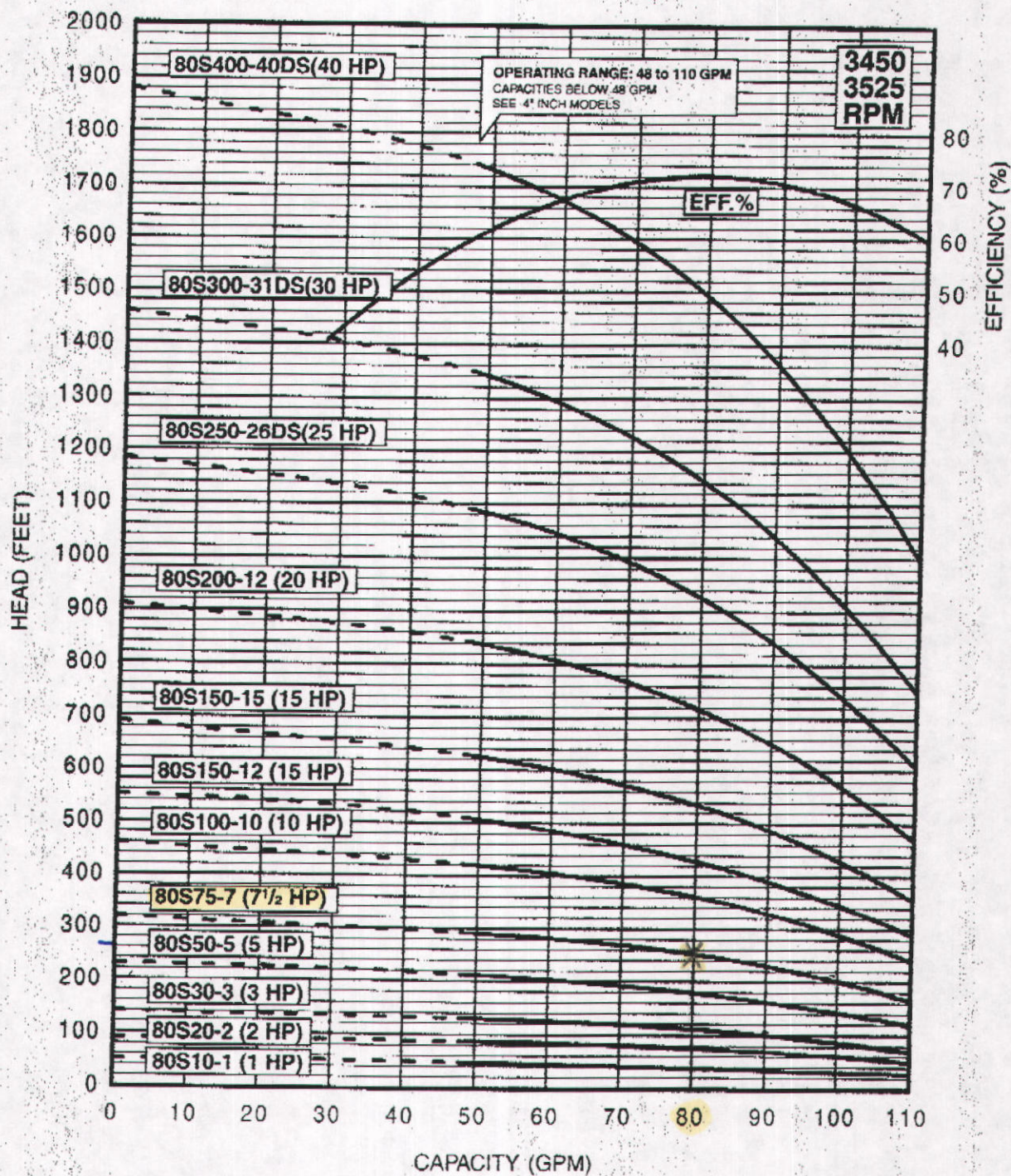




Model 80S**80 GPM****Performance Curves****FLOW RANGE: 48 -110 GPM****OUTLET SIZE: 3" NPT****NOMINAL DIA. 6"**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

4" MOTOR STANDARD, 1-5 HP/3450 RPM

6" MOTOR STANDARD, 7.5-30 HP/3450 RPM

8" MOTOR STANDARD, 40 HP/3525 RPM

Performance conforms to ISO 2548 Annex B
@ 5 ft. min. submergence

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GRUNDFOS



45 1w Sec 24

14 13
23 24

13 18
24 19

3 24
6 25

24 19
25 30

1106
T469 MICROFILMED
APR 13 1999

P/D



1106



-P/B

P/u +
system

|



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APR 13 1999

THE OWYHEE AVALANCHE

P.O. BOX 97 • HOMEDALE, ID 83628 • 208/337-4681

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
)ss
COUNTY OF OWYHEE)

I, Joe E. Aman, being first duly sworn, depose and say:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was and now over the age of twenty-one years, not a party to nor interested in the proceedings hereinafter mentioned.

2. That during the time of the publication of the notice hereinafter mentioned, I was and now am the publisher of **The Owyhee Avalanche**, a newspaper of general circulation printed and published weekly, on Wednesday of each and every week, in the City of Homedale, County of Owyhee and State of Idaho.

3. That the said **The Owyhee Avalanche** has been printed and published continuously and uninterruptedly in said County during a period of more than seventy-eight weeks prior to the first publication of the attached notice.

4. That said notice of which a printed copy, taken from said newspaper, is hereto affixed, was published in the regular issue thereof, and not a supplement thereto, in said newspaper, in 2 (two)

(consecutive) calendar weekly issue(s) of said newspaper, in the following date(s):

January 5 and 12, 1994

Signed

Joe E. Aman

Subscribed and sworn to before me this 12th day of January A.D., 1994

Cornie Boulenger

Notary Public in and for the State of Idaho
Residing at Homedale, Idaho
Commission expires October 1997

FEB 22 1994

NOTICE OF APPLICATION FOR WATER RIGHT

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

57-07582 *Vol*

JOHNSTON, J SHERAL
JOHNSTON, LOIS D
HC 79, BOX 2092
OREANA, ID 83650
Source: GROUNDWATER
Diverslon Pt: SESE Sec 24 T
04S R 01W in OWYHEE
County.
Use: IRRIGATION (.200 CFS)
Total Diversion (.200 CFS)
Date Filed: 12/22/1993
In: OWYHEE County
T04S R01W S24 SESE
10.0 ACRES TOTAL
57-07581

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE, ID 83707
Source: UNNAMED DRAIN
Tributary: SNAKE RIVER
Source: WASTE WATER
Tributary: SNAKE RIVER
Source: GROUNDWATER
Tributary:
Diverslon Pt: SWSWNW Sec
28 T 03N R 04W in OWYHEE
County.
SESWNW Sec 28 T 03N R
04W in OWYHEE County.
SWSENW Sec 28 T 03N R
04W in OWYHEE County.
SESENW Sec 28 T 03N R
04W in OWYHEE County.
Use: WILDLIFE (1.000 CFS)
WILDLIFE STORAGE (95.50
AF)
RECREATION (1.000 CFS)
RECREATION STORAGE
(95.50 AF)
DIVERSION TO STORAGE
(1.000 CFS)
Total Diversion: (1.000 CFS)
Date Filed: 12/13/1993
In: OWYHEE County
T03N R04W S28 SWNW
SENW

Diverslon points include one headgate on unnamed drain, three waste water Ditches, and ground water via excavated site (no wells). Use is for two ponds.

Permits will subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A,

Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before JANUARY 24, 1994.

R. KEITH HIGGINSON,
Director

Publish January 5 & 12, 1994

State of Idaho
Department of Water Resources

Water Right License

WATER RIGHT NO. 57-07582

Priority: December 22, 1993

Maximum Diversion Rate:

0.16 CFS

Maximum Diversion Volume:

36.0 AF

This is to certify, that J SHERAL JOHNSTON
LOIS D JOHNSTON

HC 79 BOX 2092

OREANA ID 83650

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated December 22, 1993; and has submitted Proof of Beneficial Use on January 15, 1997. An examination indicates that the works have a diversion capacity of 0.180 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>
-----------------------	----------------------	--------------------------	----------------------

IRRIGATION	03/15 to 11/15	0.16 CFS	36.0 AF
------------	----------------	----------	---------

LOCATION OF POINT(S) OF DIVERSION:

SESE , Sec. 24, Township 04S, Range 01W
OWYHEE 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>
04S	01W	24	SESE	8		8

Total number of acres irrigated: 8

CONDITIONS OF APPROVAL AND REMARKS

1. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the lands above.
2. 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.
3. 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.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources. Signed and sealed this 29th day of MARCH, 1997.

MICROFILMED

APR 13 1999

Acting for

KARL J. DREHER, Director

RECEIVED

JAN 15 1997

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form 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, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 57-94-W-0007 57-07582 Telephone No. 208 834 2559

2. Name(s) of Permit Holder(s): J Sheral Johnston

3. Mailing Address: HC 79 Box 2092 Oreana Id 83650

4. Source of Water: Well If **GROUNDWATER** (well), Date Drilled: mo. Feb / yr. 94

a. Well Driller: Johnston Drilling Co 92 Drilling Permit Number: 57-94-W-0007

b. **OPTIONAL:**
Pump Horsepower: 7 1/2 Pressure (psi): 60 Dynamic pumping level (ft): 100

5. Use(s) (as authorized by the water right permit):

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

Irrigation (No. of acres): 10.0 Other: _____

6. Total rate of diversion and/or volume for which proof is submitted: .20 cfs OR _____ acre feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? Yes _____ or No X

Has the measuring device been installed? Yes _____ or No X

Flow Measurement Port: Is a flow measurement port required? Yes _____ or No X

Has the measurement port been installed? Yes _____ or No X

8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: J Sheral Johnston Telephone Number: 208 834 2559

Address: HC 79 Box 2092 Oreana Id 83650

10. The information given on this form 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.

1-15-1997
FEB 17 1997

Signature of permit holder: J Sheral Johnston Date: 1/9/97
(Include your title, if on behalf of company or organization)

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 57-07582

Proposed Priority: December 22, 1993 Maximum Diversion Rate: 0.20 CFS

This is to certify, that J SHERAL JOHNSTON
LOIS D JOHNSTON
HC 79 BOX 2092
OREANA ID 83650

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	03/15 to 11/15	0.20 CFS
------------	----------------	----------

LOCATION OF POINT(S) OF DIVERSION: SESE , Sec. 24, Township 04S, Range 01W
OWYHEE 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>
04S	01W	24	SESE	10		10

Total number of acres irrigated: 10

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before February 1, 1997.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. A well drilled pursuant to this permit must be located at least 500 feet from any existing well. Well spacing closer than 500 feet must be approved by the Department of Water Resources.
6. Construction of the well must comply with Idaho well construction standards.
7. Any license issued by IDWR pursuant to the right 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.
8. Diversion and use of water under this right is subject to annual use fee if rules are subsequently promulgated which provide for the submittal of the fee.
9. The Director retains jurisdiction of this right and/or subsequent license issued to change, add or remove any requirement as determined to be appropriate.

FEB 22 1994

State of Idaho
Department of Water Resources

Permit To Appropriate Water

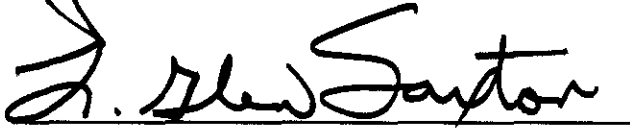
NO. 57-07582

CONDITIONS/REMARKS:

10. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.

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

10 th day of February, 1994.



R. Keith Higginson, Director

for

FEB 22 1994

RECEIVED

FEB 08 1994

Ident. No. 57-07582

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: J SHERAL JOHNSTON 208-834-2559
Address: HC 79 BOX 2092
OREANA ID 83650
AND/OR
Name: LOIS D JOHNSTON 208-834-2559
Address: HC 79 BOX 2092
OREANA ID 83650

2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: SESE Sec. 24, Township 04S, Range 01W
OWYHEE County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
IRRIGATION	03/15	11/15	0.200		

5. Total quantity to be appropriated is:
0.200 CFS (and/or) AF

6. Proposed diverting works:

- a. Description of ditches, flumes, pumps, headgates, etc.
WELL, PUMP, SPRINKLER
b. Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
c. Proposed well diameter is 8 inches; proposed depth of well is 275
feet.
d. Is groundwater with a temperature greater than 85F being sought? NO
e. If well is already drilled, when?
Drilling Firm
Well was drilled for

7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 3 year(s).

22 1994

8. Place of Use: IRRIGATION

TWN RGE SEC	ACRES	ACRES	ACRES	TOTAL
04S 01W 24	SESE 10			10

Total number of acres irrigated: 10

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:

11. Map of proposed point of diversion and place of use attached? [X]

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

X J. Michael Johnston
Applicant

Received by CJH Date 12/22/93 Time 1200 Preliminary check by ly

Fee \$ 30- Receipted by CJH # W017056 Date 12/22/93

Publication prepared by st Date 12-28-93 Published in Cumby Avalanche

Publication approved st Date 1-31-94





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

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

March 31, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

J SHERAL JOHNSTON
LOIS D JOHNSTON
HC 79 BOX 2092
OREANA ID 83650

RE: WATER RIGHT NO. 57-07582

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed license confirming that a water right has been established in accordance with the permit referenced above. The license is a preliminary order issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

If you have any questions, please call me at 208-327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

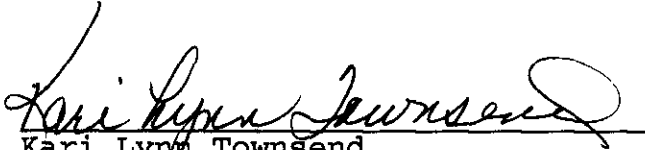
MICROFILMED
MAR 13 1999

CERTIFICATE OF MAILING

I hereby certify that on the 31st day of March, 1999, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

Water Right No. 57-07582

J SHERAL JOHNSTON
LOIS D JOHNSTON
HC 79 BOX 2092
OREANA ID 83650


Kari Lynn Townsend
Secretary

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APR 13 1999

Responding to Preliminary Orders Issued by the Idaho Department of Water Resources

The Idaho Department of Water Resources (Department) issues water right permits, licenses, and transfers as preliminary orders pursuant to section 67-5243, Idaho Code. A preliminary order can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of the order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3), Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from a preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, a preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to a preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

ORAL ARGUMENT

If the Department grants a petition to review a preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

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APR 13 1997

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with a preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

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APR 13 1999

B/U FIELD EXAM REVIEW

By CindyPermit #: 59-7582 Name: Johnston Date: 3/24/99 ✓ Lots ✓

NAME	Chng	Same	Or Address Change?
SOURCE		✓	Clarify source _____ Prelim. Order to Void - Source change.
P/D		✓	Amendment Needed? Addn'l 1/4? _____ Legal _____ P39 Same 1/4? _____ W32 _____ P36 Overlap(s) <u>None</u>
P/U		✓	Amendment Needed? <u>reduce to 8 ac</u> P41 Overlap(s) <u>None</u> (Gov't use special ¶'s) _____ *P/D & P/U Amend? P37
RATE		✓	Permit/proof fee limits <u>0.20</u> / <u>0.20</u> Measured Quantity = _____ cfs Theoretical Quantity = <u>0.18</u> cfs <u>8 ac x 0.02 cfs/ac = 0.16 cfs</u> // <u>pump curve = 0.18 cfs</u> (HP) <u>8.8 x 0.70 x 7.5</u> <u>* 160 + (2.31 x 40)</u> = <u>0.18</u> cfs *per pump curve. Recommended capacity <u>0.18</u> cfs Recommended rate <u>0.16</u> cfs
VOLUME		✓	Season: (<u>D</u> / <u>4.5</u>) <u>3/15-11/15</u> = <u>246</u> days Calculations: <u>8 ac x 4.5 AF/ac = 36.0 AF</u> Flow limit: <u>0.08</u> cfs x <u>246</u> days/yr. x <u>1.9835</u> = <u>39.0</u> AF Recommended volume <u>36.0</u> AF
USES		✓	Same Nature of Use? _____ P46 Amendment Needed? _____
REMARKS		+	Multiple p/d's in same 1/4? Use W32 _____
CONDITIONS		+	Measuring Device (R43) or Lockable Controlling Works (R02) Watermaster Control (R04) - WD # _____ <u>R65</u> Irrigation rate/annual volume overlap GW irrigation replaces surface water (050) GW irrigation supplements surface water (065) Water Quality _____ Other <u>R65, R052, R65</u>
PRIORITY	App Rcd	<u>12/22/93</u>	Due <u>2/1/97</u> Rcd <u>1/15/97</u> Receipt# <u>037599</u> Fee OK? <u>Yes</u> No \$ <u>50</u> Order to Reinstate Needed? Yes No Done? _____ Advanced to: _____ Priority <u>12/22/93</u> Examined <u>7/21/97</u>
COMMENTS:	<u>reduce in acres.</u>		

USE	CFS	VOLUME
<u>Irr. / 8 ac</u>	<u>0.16</u>	<u>36.0</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>TOTAL</u>	<u>0.16</u>	<u>36.0</u>

SRBA Overlap None
Adjustment Memo _____
LICENSE
#1 AMEND: _____/P38
#2 AMEND: (R)P42/(C)P47

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

DEC 04 1993

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 57-07582

1. Owner: J. Sheral and Lois Johnston Phone No. 834-2559

Current Address: HC 79 Box 2092 Oreana ID 83650

2. Accompanied by: Sheral EXAM DATE: 7/21/97

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Ground Water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

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

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Govt. Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
			SE	SE	24	4S	1W	Owyhee	USGS Photo, CFSA Photo

2. Place(s) of Use:

Indicate Method of Determination Same as above

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4S	1W	24															8	8	

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APR 13 1999

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

SEE ATTACHED MAPS AND PHOTOS. Acres irrigated were based on total number of sprinklers with a 25' radius: $\pi(25')^2 \times 149 \text{ sprinklers} \approx 7 \text{ acres} + 1 \text{ acre estimated for 2 lawns and garden areas.}$

Y Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

Y Aerial Photo Attached (required for irrigation of 10+ acres).

Y Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Grunfos	7.5	GF 80S75	Submersible	

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Pump Curve						

2. Measurements: Owner is a licensed well driller who drilled the well and installed the pump. Pump was purchased from Robertson supply in Nampa.

E. NARRATIVE/REMARKS/COMMENTS

An 8" well equipped with a 7.5 hp submersible pump supplies water to 8 acres of hay, pasture, and lawn via 3" pvc mainline. Thirteen risers and handline sprinklers are used for the hay and pasture area. Fifty-two 1/8th" nozzels are used on the acres north of the road and ninety-seven 1/8th" nozzels are used on the acres south of the road. Portable hose and sprinklers are used to irrigate the lawn areas. No other water rights are used.

Have conditions of permit approval been met? X yes ___ no

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APR 13 1999

F. FLOW CALCULATIONS

Measured Method:

Pump Curve: 80 gpm = .18 cfs

 / Additional Computation Sheets Attached

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 8 \times 4.5 = 36$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .16 \times 246 \times 1.9835 = 78$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} = 36$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
<u>Irrigation</u>	<u>3/15</u>	<u>11/15</u>	<u>.16</u>	<u>36</u>
Totals:			<u>.16</u>	<u>36</u>

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

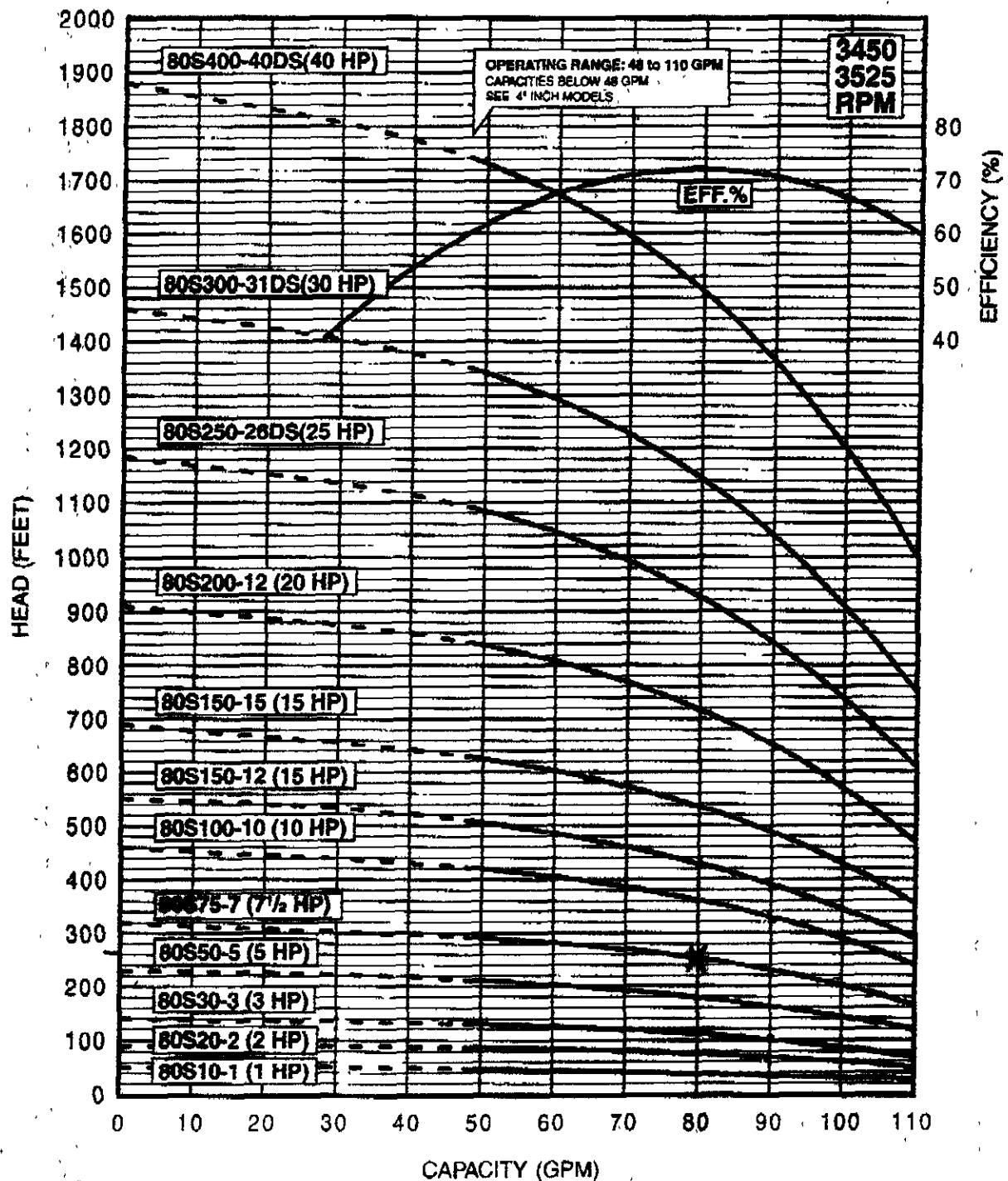
I. AUTHENTICATION

Field Examiner's Name Lon Gnan Date 12/1/98

Reviewer _____ Date _____

SEAL

MICROFILMED
APR 13 1999

Model 80S**80 GPM****Performance Curves****FLOW RANGE: 48 -110 GPM****OUTLET SIZE: 3" NPT****NOMINAL DIA. 6"**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
 4" MOTOR STANDARD, 1-5 HP/3450 RPM
 6" MOTOR STANDARD, 7.5-30 HP/3450 RPM
 8" MOTOR STANDARD, 40 HP/3525 RPM

MICROFILMED
 APR 13 1999

Performance conforms to ISO 2548 Annex B
 @ 5 ft min submergence

GRUNDFOS

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: 57-94-W-0007 OTHER APPLICABLE NO: 57-07582

2. OWNER: J Sheral Johnston Phone: _____
Address: HC 79 oreana

3. WELL LOCATION: Twp 42, Rge. 1W, Sec. 24, SE 1/4 SE 1/4
County Owyhee (Provide sketch map and photo on reverse.)

4. DRILLER: Johnston Lic. No. 92
When Drilled? 3/1/94

5. WELL CONSTRUCTION:

Casing Diameter _____ inches Water tight cap? ☐ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing _____ ft. Method Drilled _____
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☒ Yes ☐ No Pressure Gauge: ☐ Yes ☐ No
Condition of Piping and Valving OK
Auger to a depth of _____ ft. Evidence of Annular Seal ☐ Yes ☐ No
Are there obvious constuction problems that may be a source for contamination or waste of water?
☐ Yes ☐ No (Describe in Remarks and Attach Photo - On Reverse)

6. HYDROLOGIC INFORMATION:

Depth to Static Water 66 ft. Water Temperature 58 °F
Flowing Artesian ☐ Yes ☒ No Pressure: 60 (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____

7. WELL USE:

☐ Domestic ☒ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: _____

MICROFILMED
APR 13 1999

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☒ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS:

LS

Signature of Dept. Representative & Title

7/21/97

Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

MICROFILMED

1999

1. DRILLING PERMIT NO. 57-94-W-0007-000
Other IDWR No 57-07582

2. OWNER:

Name Sheryl Johnson
Address HC 79 Box 2072
City Oreana State Id Zip 83650

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N
 Twp. 4 S North ☐ or South ☒
 Rge 1 W East ☐ or West ☒
 Sec. 24 1/4 SE 1/4 SE 1/4
 Gov't Lot _____ County Dwyhee

Address of Well Site Batus Creek
Rd 1/4 mile west of City Oreana
 (Give at least name of road - Distance to Road or Landmark)

Lt. _____ Blk. _____ Sub. Name _____

4. PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☐ Air Rotary ☒ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Puttling clay	0	42	800 lbs	Over bone

Was drive shoe used? Y ☐ N ☒

Was drive shoe seal tested? Y ☐ N ☒ How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8	+ 1	44	1/4"	S	☐	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method_____

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

66 ft. below ground Artesian pressure lb.

Depth flow encountered _____ ft. Describe access port or control devices.

11. WELL TESTS:

☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min	Drawdown	Pumping Level	Time
60	4'	70	1 Hr.

Water Temp. 58 Bottom hole temp. 58

Water Quality test or comments: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

[illegible]

Completed Depth 370 (Measurable)
Date: Started 2/19/94 Completed 3/1/94

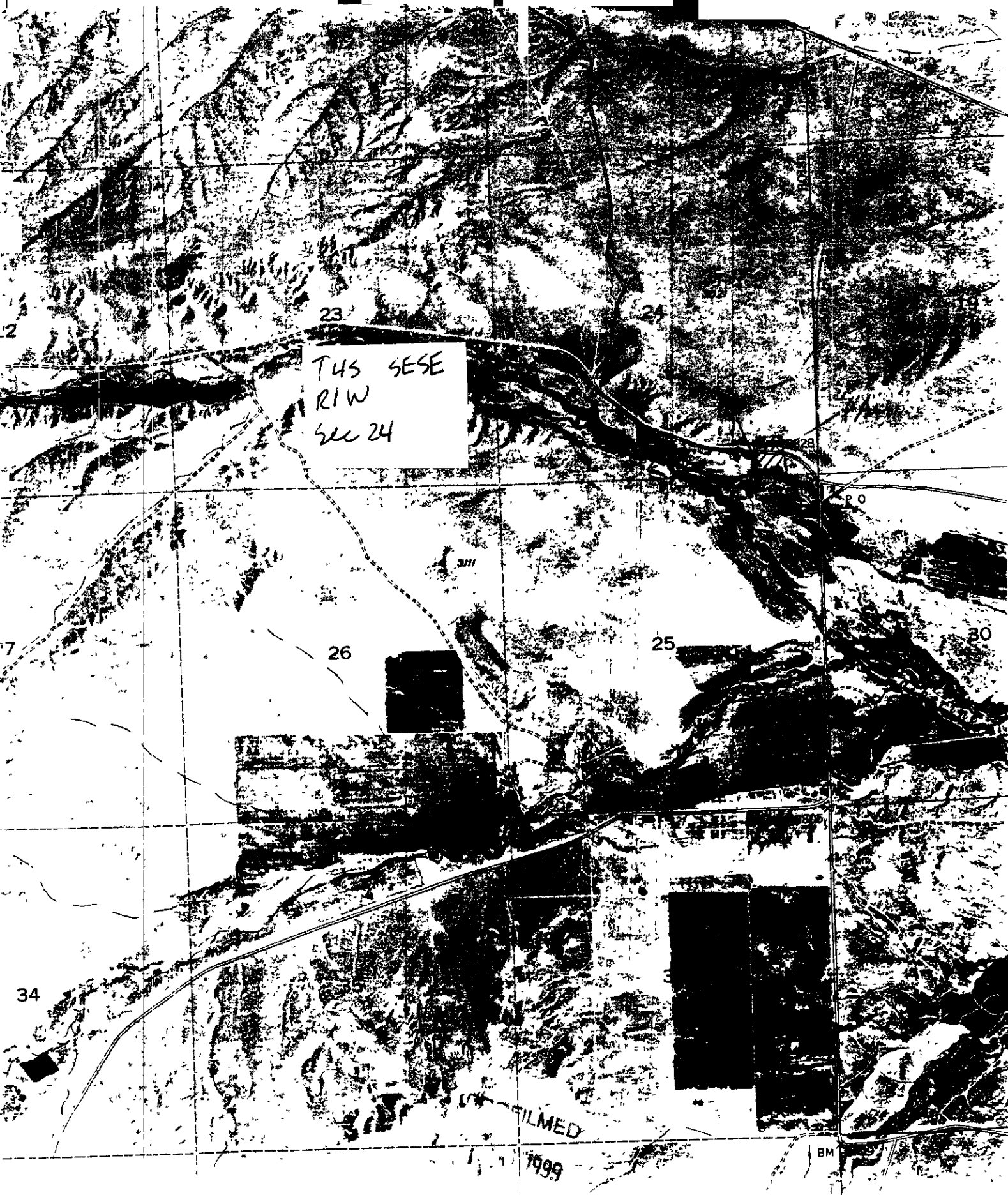
13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Johnston Drilling Co Firm No. 92

Firm Official David D. Johnston Date 4/1/94

and
Supervisor or Operator J. Sheryl J. Johnston Date 3/23/94
(Sign once if Firm Official & Operator)



T45 SESE
RIW
Sec 24

FILMED

1999

BM

1318
24

24
25

1106
T469

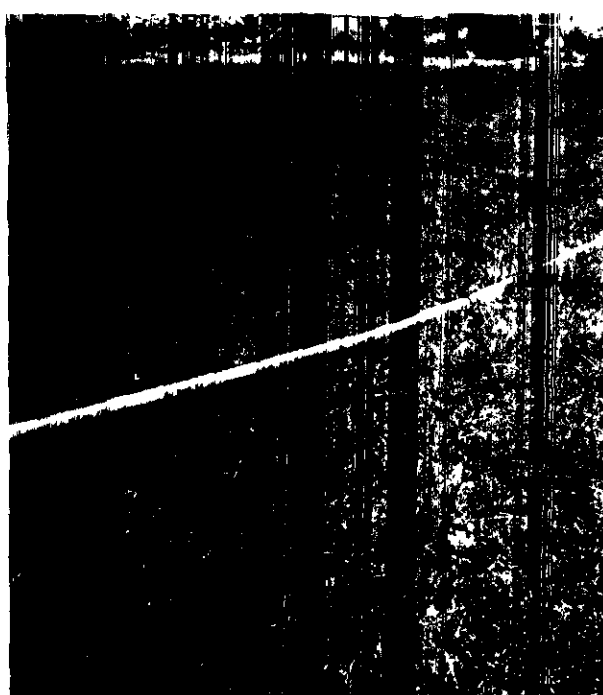
OFILMED

24
25



-P/D

P/U +
system



MICROFILMED
APR 13 1999

January 24, 1997

J SHERAL JOHNSTON
LOIS D JOHNSTON
HC 79 BOX 2092
OREANA ID 83650

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 57-07582

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 WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

MICROFILMED
FEB 27 1997

November 30, 1996

J SHERAL JOHNSTON
LOIS D JOHNSTON
HC 79 BOX 2092
OREANA ID 83650

PROOF DUE NOTICE

RE: PERMIT NO. 57-07582

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 February 1, 1997. (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.

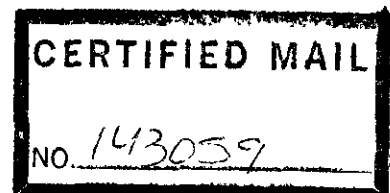
SINCERELY,

JULIE L. YARBROUGH
Senior Secretary

MICROFILMED

FEB 27 1997

Enclosures



RECEIVED
APR 22 1994
Department of Water Resources

1. DRILLING PERMIT NO. 57-94-W-0007-000
Other IDWR No 57-07582

2. OWNER:

Name J. Sheryl Johnson
Address HC 79 Box 2072
City Oreana State Id Zip 83450

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location

N
 W E
 Twp 4 S North ☐ or South ☒
 Rge 1 W East ☐ or West ☒
 Sec 24 1/4 SE 1/4 SE 1/4
10 acres 40 acres 160 acres
 Gov't Lot _____ County Dwyher

Address of Well Site Bates Creek
Rd 1/4 mile west of City Oreana
(Give at least name of road & distance to Road or Landmark)

Lt Blk Sub Name _____

4. PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Monitor ☒ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☐ Air Rotary ☒ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
Puddling clay	0	42	800 lbs	Over bore

Was drive shoe used? Y ☐ N ☒

Was drive shoe seal tested? Y ☐ N ☒ How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
8	+ 1	44	1/4"	5	☐	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

66 ft below ground Artesian pressure _____ lb
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control devices:

11. WELL TESTS:

☐ Pump ☒ Bailer ☐ Air ☐ Flowing Artesian

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60	4'	70	1 Hr.

Water Temp 58 Bottom hole temp 58

Water Quality test or comments

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

Completed Depth 370 (Measurable)
Date Started 2/19/94 Completed 3/1/94

13. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the ng was removed

Firm Name Johnston Drilling Co Firm No 92

Firm Official Omved D. Johnston Date 4/1/94

Supervisor or Operator J. Sheryl G. Amato Date 3/23/94
(Sign once if Firm Official & Operator)



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

February 10, 1994

J SHERAL JOHNSTON
LOIS D JOHNSTON
HC 79 BOX 2092
OREANA ID 83650

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 57-07582

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "CONDITIONS/REMARKS:" listing on the permit.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed. You will receive a "Proof Due Notice" from this Department approximately 60 days prior to the completion date requiring you to file either a Proof of Beneficial Use form stating that the project has been completed or file a Request for an Extension of Time in which to file the proof statement.

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.

2 1994

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,

A handwritten signature in dark ink, appearing to be "Jim Johnson", with a long horizontal flourish extending to the right.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosures

REC-22 1994

MEMORANDUM

DATE: February 9, 1994
TO: File No. 57-07582
FROM: Cindy Zimmerman ²
SUBJECT: Trustwater Review

=====

This application proposes to divert 0.2 cfs of trustwater from SESE, S24, T04S, R01W to irrigate 10 acres located within SESE, S24, T04S, R01W. This application satisfies 42-203A & C requirements.

RECEIVED

FEB 22 1994

57-07582

JOHNSTON, J SHERAL
JOHNSTON, LOIS D
HC 79 BOX 2092
OREANA, ID 83650

Source: GROUNDWATER

Diversion Pt: SESE Sec 24 T 04S R 01W in OWYHEE County.

Use: IRRIGATION (.200 CFS)
Total Diversion: (.200 CFS)

Date Filed: 12/22/1993

In: OWYHEE County
T04S R01W S24 SESE

10.0 ACRES TOTAL

15409
FEB 22 1994

THE OWYHEE AVALANCHE

P.O. BOX 97 • HOMEDALE, ID 83628 • 208/337-4681

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
)ss
COUNTY OF OWYHEE)

I, Joe E. Aman, being first duly sworn, depose and say:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was and now over the age of twenty-one years, not a party to nor interested in the proceedings hereinafter mentioned.

2. That during the time of the publication of the notice hereinafter mentioned, I was and now am the publisher of **The Owyhee Avalanche**, a newspaper of general circulation printed and published weekly, on Wednesday of each and every week, in the City of Homedale, County of Owyhee and State of Idaho.

3. That the said **The Owyhee Avalanche** has been printed and published continuously and uninterruptedly in said County during a period of more than seventy-eight weeks prior to the first publication of the attached notice.

4. That said notice of which a printed copy, taken from said newspaper, is hereto affixed, was published in the regular issue thereof, and not a supplement thereto, in said

newspaper, in

2 (two)

(consecutive) calendar weekly issue(s) of said newspaper, in the following date(s):

January 5 and 12, 1994

Signed

Joe E. Aman

Subscribed and sworn to before me this 12th day of January A.D., 1994

Corine B. Deuling

Notary Public in and for the State of Idaho
Residing at Homedale, Idaho
Commission expires October 1997

FEB 2 2 1994

have been...
JOHNSTON, J. STANLEY
JOHNSTON, J. STANLEY
HC 35, BOX 200
ORLANDO, ID 83628
Source: Owyhee Water
Diversion Pt. 2043 R 01W
04S R 01W in Owyhee
County
Use: Irrigation
Total Diversion: 1.000 CFS
Date Filed: 12/12/1993
In: Owyhee County
TOWN RD 4W S20
1043 R 01W S20
1043 R 01W S20
1043 R 01W S20
STATE OF IDAHO
DEPT. OF FISH & GAME
PO BOX 25
BOISE, ID 83707
Source: UNPAID GRASS
Tributary: SPRING RIVER
Source: WASTE WATER
Tributary: SPRING RIVER
Source: GROUNDWATER
Tributary:
Diversion Pt: 2043 R 01W
28 TOWN RD 4W in Owyhee
County
28 TOWN RD 4W S20
04W in Owyhee County
28 TOWN RD 4W S20
04W in Owyhee County
28 TOWN RD 4W S20
04W in Owyhee County
Use: WILDLIFE & RECREATION
WILDLIFE STORAGE
AM
RECREATION (1,000 CFS)
RECREATION STORAGE
(95.00 AF)
DIVERSION TO STORAGE
(1,000 CFS)
Total Diversion: (1,000 CFS)
Date Filed: 12/12/1993
In: Owyhee County
TOWN RD 4W S20
SERV
Diversion points include
the lake on the north
three wells that are
and ground water is
excavated and the water
Use is for irrigation
Permits will authorize
prior water rights
and to authorize
the project in the
Idaho Code, including
the right to the
Dept. of Water Resources
Southern Region
2043 R 01W S20
83705 on 01/24/94
JANUARY 24 1994
R. E. HARRIS