

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 29-08151

Priority: September 23, 1994 Maximum Diversion Rate: 0.02 CFS
Maximum Diversion Volume: 0.2 AF

This is to certify, that H L ANDREWS
CARALEEN ANDREWS

13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated September 23, 1994; and
has submitted Proof of Beneficial Use on July 3, 1995. An examination indicates
that the works have a diversion capacity of 0.020 cfs of water from:

UNNAMED STREAM tributary to DEMPSEY CREEK

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>
STOCKWATER	01/01 to 12/31	0.01 CFS	0.1 AF
STOCKWATER STORAGE	01/01 to 12/31		0.1 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.1 AF
FIRE PROTECTION	01/01 to 12/31	0.02 CFS	
FIRE PROTECTION STORAGE	01/01 to 12/31		0.1 AF
Totals		0.02 CFS	0.2 AF

LOCATION OF POINT(S) OF DIVERSION: NENW, Sec. 8, Township 10S, Range 38E
BANNOCK County

PLACE OF USE: STOCKWATER

TWN RGE SEC

10S 38E 8

NENW

NWNW

PLACE OF USE:

STOCKWATER FROM STORAGE, same as STOCKWATER use

PLACE OF USE:

FIRE PROTECTION, same as STOCKWATER use

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.

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JAN 8 1997

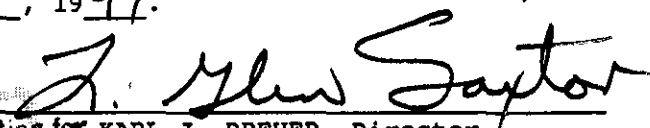
State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 29-08151

CONDITIONS OF APPROVAL AND REMARKS

4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Use of water under this water right will be regulated by the watermaster of State Water District No. 29.
6. Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
7. This right authorizes an annual volume of water to fill the storage facility and the amount required to replace losses through evaporation.

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 January, 1997.


Acting for KARL J. DREHER, Director

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JAN 08 1997

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JAN 06 1997

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 29-08151

Date of Priority: September 23, 1994 Maximum Diversion Rate: 0.02 CFS
Maximum Diversion Volume: 0.2 AF

Comes now H L ANDREWS
CARALEEN ANDREWS

13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

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. 29-08151, and requests that the permit be changed as follows:

Source: UNNAMED STREAM tributary to DEMPSEY CREEK

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.01 CFS	0.1 AF
STOCKWATER STORAGE	01/01 to 12/31		0.1 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.1 AF
FIRE PROTECTION	01/01 to 12/31	0.02 CFS	
FIRE PROTECTION STORAGE	01/01 to 12/31		0.1 AF
	Totals	0.02 CFS	0.2 AF

LOCATION OF POINT(S) OF DIVERSION: NENW , Sec. 8, Township 10S, Range 38E
BANNOCK County

PLACE OF USE: STOCKWATER

TWN RGE SEC

10S 38E 8 NENW NWNW

PLACE OF USE:

STOCKWATER FROM STORAGE, same as STOCKWATER use

PLACE OF USE:

FIRE PROTECTION, same as STOCKWATER use

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JAN 08 1997

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 H L Andrews, this 30 day of December, 1996.

(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 29-08151

FOR DEPARTMENT USE ONLY

Preliminary check by Ret Fee = \$50.00 Received by Ret # 4427320 Date 1-3-97

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 29-08151 with the following;

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Use of water under this water right will be regulated by the watermaster of State Water District No. 29.
6. Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
7. This right authorizes an annual volume of water to fill the storage facility and the amount required to replace losses through evaporation.

Witness my hand this 7th day of January, 1997.

K. J. Dreher
for **KARL J. DREHER, Director**

MICROFILMED

JAN 08 1997

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RECEIVED

FOR OFFICE USE ONLY
Amt. of Fee \$: 50.00
Receipt No. E071238
Receipt By: HWS
Date Received: 7-3-95

JUL 6 1995

Department of Water Resources

JUL 03 1995

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

Eastern District Office

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. 29-08151 Telephone No. (208) 776-5527

2. Name(s) of Permit Holder(s): H.L. Andrews

3. Mailing Address: 13223 S. Smith Canyon Rd, Lava Hot Springs, Id 83246

4. Source of Water: Spring If GROUNDWATER (well), Date Drilled: mo. — / yr. —

a. Well Driller: — Drilling Permit Number: — - — - —

OPTIONAL:

Pump Horsepower: — Pressure (psi): — Dynamic pumping level (ft): —

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

Domestic (No. of households): — Stockwater (No. and type of stock): 2-horses 2 llamas

Irrigation (No. of acres): — Other: —

6. Total rate of diversion and/or volume for which proof is submitted: 0.02 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 —

Has the measuring device been installed?

Yes — or No —

Flow Measurement Port: Is a flow measurement port required?

Yes — or No —

Has the measurement port been installed?

Yes — or No —

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: Herbert Andrews Telephone Number: 208-776-5527

Address: 13223 South Smith Canyon Road Lava Hot Springs Idaho 83246

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.

Signature of permit holder: H.L. Andrews
(include your title, if on behalf of company of organization)

Date: 29 June 1995

AUG 08 1995

State of Idaho
Department of Water Resources

NO. 29-08151

Proposed Priority: September 23, 1994 **Maximum Diversion Rate:** 0.02 CFS

This is to certify, that H L ANDREWS

CARALEEN ANDREWS

13223 S SMITH CANYON RD

LAVA HOT SPRINGS ID 83246

has applied for a permit to appropriate water from:

SPRING

tributary of **DEMPSEY CREEK**

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>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.02 CFS	
STOCKWATER STORAGE	01/01 to 12/31		0.1 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.1 AF
FIRE PROTECTION	01/01 to 12/31	0.02 CFS	
FIRE PROTECTION STORAGE	01/01 to 12/31		0.1 AF
FIRE PROTECT. FROM STOR	01/01 to 12/31		0.1 AF
DIVERSION TO STORAGE	10/16 to 04/14	0.02 CFS	
	Totals	0.02 CFS	

LOCATION OF POINT(S) OF DIVERSION: NENENW , Sec. 8, Township 10S, Range 38E
BANNOCK County

PLACE OF USE: STOCKWATER

TWN RGE SEC

10S 38E 8 NENW

PLACE OF USE: STOCKWATER FROM STORAGE, same as STOCKWATER use

PLACE OF USE: FIRE PROTECTION, same as STOCKWATER use

PLACE OF USE: FIRE PROTECT. FROM STOR, same as STOCKWATER use

CONDITIONS / REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **December 1, 1995.**
2. Subject to all prior water rights.
3. Use of water under this right is subject to control by the watermaster of State Water District No. 29.
4. Stockwater use is for 2 horses, 2 llamas.

MURDER ME

NOV 29 1964

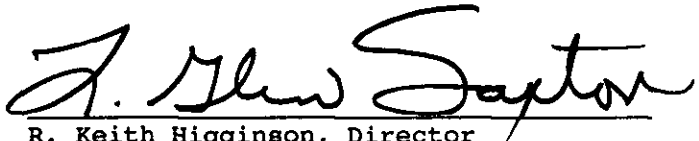
State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 29-08151

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

28th day of November, 1994.

for 
R. Keith Higginson, Director



NOV 29 1994

RECEIVED
OCT 28 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 29-8151

Department of Water Resources To appropriate the public waters of the State of Idaho

1. Name of applicant H.L. and/or Caraleen Andrews Phone 776-5527
Post office address 13223 S. Smith Canyon Rd. Lava Hot Springs ID 83246
2. Source of water supply Spring which is a tributary of Dempsey Creek
3. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot _____
Sec. 08 Township 10S Range 38E B.M. Bannock County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .02 cfs for Diversion to Storage purposes from 10-16 to 4-14 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.10 A/F for Storage for Stockwater/Fire Prot. purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.10 A/F for Stockwater/Fire Prot. from Storage purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount .02 cfs for Stockwater/Fire prot. purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.02 cfs and/or (b) 0.10 A/F
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. Open Ditch to Pond and then to 6" pipe for outlet.
 - 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 _____ inches; proposed depth of well is _____ feet.
 - d. Is ground water with a temperature of greater than 85°F being sought? _____
 - e. If well is already drilled, when? _____; Drilling firm _____
Well was drilled for (well owner) _____
7. Time required for the completion of the works and application of the water to be proposed beneficial use is
1 year years (minimum 1 year).

NOV 28 1994

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. 2 horses, 3 llamas
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. Fire protection

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
<u>10S</u>	<u>38E</u>	<u>08</u>					<u>S/F</u>												

Total number of acres to be irrigated _____

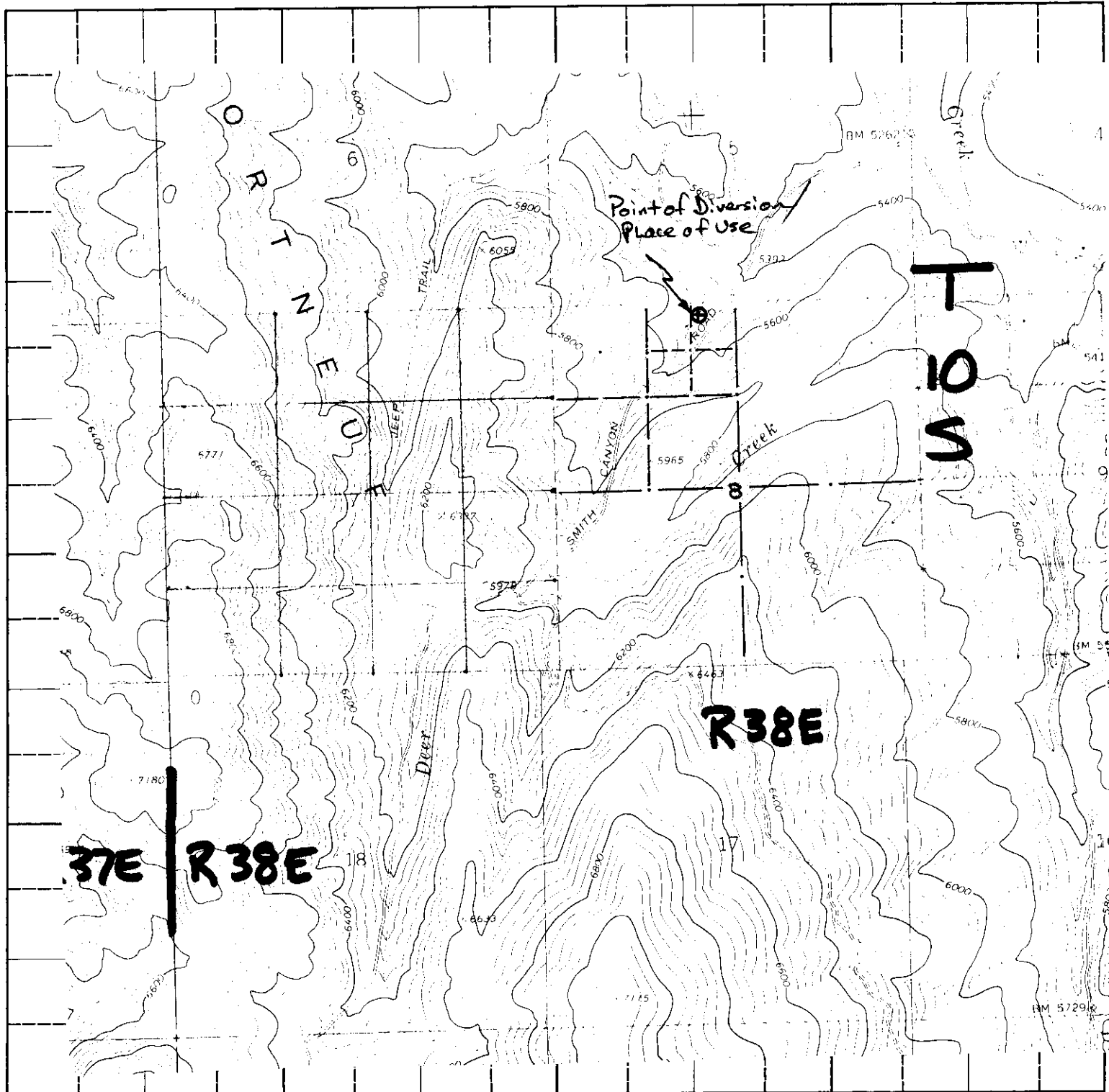
10. Describe any other water rights used for the same purposes as described above. _____

11. 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. _____

12. Remarks: This is a cold water Spring

NOV 29 1994

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



Scale: 2 inches equal 1 mile.

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

H. J. Andrews
(Applicant)

NOV 29 1994

Received by ST Date 9/23/94 Time 12:37 Preliminary check by _____

Fee \$ 50⁰⁰ Received by ST # E020323 Date 9/23/94

Publication prepared by RB Date 10-6-94 Published in ID State Journal

Publication approved RB Date 10-17-94

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. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other:

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NOV 29 1994



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

KARL J. DREHER
DIRECTOR

January 7, 1997

H L ANDREWS
CARALEEN ANDREWS
13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

RE: WATER RIGHT NO. 29-08151

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.

Also, please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address to the department. If you have acquired a water right or have changed your mailing address PRIOR TO July 1, 1996, you have until July 30, 1998, to notify the department. If you acquire a water right or change your mailing address AFTER July 1, 1996, you must notify the department within 120 days of the change.

Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department to obtain the proper reporting form.

Sincerely,

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

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

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JAN 08 1997



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

KARL J. DREHER
DIRECTOR

December 20, 1996

H L ANDREWS
CARALEEN ANDREWS
13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

RE: WATER RIGHT NO. 29-08151

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 depict your water right as it has actually been developed.

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 place(s) of use description. Please review carefully and if you concur, sign the amendment and return it with the \$50 filing fee within 14 days.

The last page of the Application for Amendment form contains a list of Conditions of Approval and Remarks proposed for the license when it is issued. These conditions of approval and 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,


Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

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JAN 08 1997

MEMORANDUM

TO: File 29-08151

FROM: Sharla

DATE: December 19, 1996

RE: Recommendation Adjustment(s)

The final license recommendations for Right 29-08151 are based on the following:

H. RECOMMENDATIONS

1. Recommended Amounts

Stockwater	1/1 - 12/31	0.01 cfs	0.1 afa
Stockwater Storage	1/1 - 12/31		0.1 afa
Stockwater From Stor.	1/1 - 12/31		0.1 afa
Fire Protection	1/1 - 12/31	0.02 cfs	
Fire Prot. Storage	1/1 - 12/31		0.1 afa
	TOTALS	0.02 cfs	0.2 afa

Fire protection from storage does not need to be listed because water can only be withdrawn from the storage facility to fight or repel fire.

The total volume from the storage uses and the stockwater use is additive.

Examiner: Paul Meyer

Exam Date: September 19, 1995

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
NOV 29 1996

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 29-08151

1. Owner: H.L. AND CAROL ANN ANDREWS Phone No. (208) 776-5527

Current Address: 13223 S SMITH CANYON RD, LAVA HOT SPRINGS, ID 83246

2. Accompanied by: H.L. ANDREWS EXAM DATE: 9-19-95

Address: _____ Phone No. _____

Relationship to Permit Holder: HOLDER

3. Source: UNNAMED STREAM tributary to DEMASEY CREEK

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.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SW	NE	NW	8	10S	38E	Blaine	USGS, GPS, NAPP, ONSITE

2. Place(s) of Use:

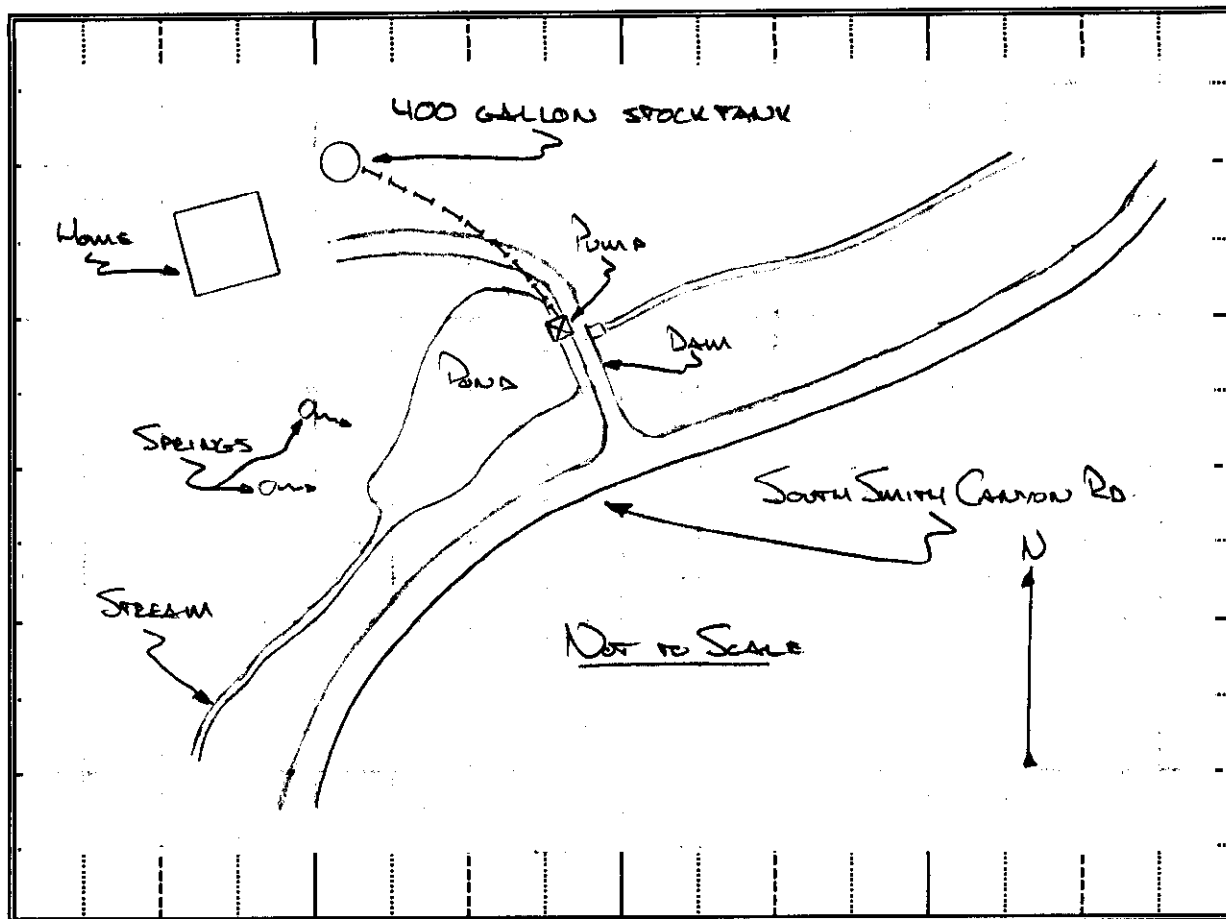
Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	38E	8					S/F	S/F											

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



Scale: 1" = _____

____ Copy of USGS 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)

____ 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
	A.O. Smith	1 1/2	390.262550	SEARS	

*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

2. Measurements: _____

RECORDED

JAN 08 1937

E. NARRATIVE/REMARKS/COMMENTS

- * Q STREAM DAM AND STORAGE POND WITH CENTRIFUGAL PUMP AND PIPELINE TO STOCKWATER STORAGE TANK (1100 GALLON) AND STOCK FACILITIES FOR 5 ANIMALS (MIXED LLAMAS AND HORSES). POND IS ALSO USED FOR FIRE PROTECTION ON SITE.
- * Q WERE ESTIMATES POND TO HOLD MAXIMUM OF 30,000 TO 32,000 GALLONS. POND IS ROUGHLY TRIANGULAR 40' WIDE X 65' LONG. DEPTH IS MAXIMUM OF 8'. CAPACITY = 0.10 AFA
- * GPS WAS USED TO DETERMINE ACTUAL LOCATION OF CENTERLINE OF DAM. TWO REFERENCE POINTS WERE TAKEN TO ESTABLISH BASE LINE FOR MAP. SEE ATTACHED MAP. SITE TAG A00000103 LOCATED INSIDE PUMP HOUSE ON PIPE.
- * FOR THEORETICAL Q, LIFT WAS ASSUMED TO BE MAXIMUM OF 8 FEET WITH MAXIMUM OF 40 PSI DURING FILLING OF STOCK TANK. ASSUMING 60% EFFICIENCY FOR CENTRIFUGAL PUMP.
- * AMEND AS SHOWN
- * A29-10269 FOR DOMESTIC USE IN HOME (NO OVERLAP)

Have conditions of permit approval been met? ☐ yes ☐ no

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F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

SEE ATTACHMENT

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

SEE ATTACHMENT

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 TO 12/31	0.01 CFS	0.1 AFA
STOCKWATER STORAGE	01/01 TO 12/31		0.1 AFA
STOCKWATER FROM STORAGE	01/01 TO 12/31		0.1 AFA
FIRE PROTECTION	01/01 TO 12/31	0.02 CFS	0.1 AFA
FIRE PROTECTION STORAGE	01/01 TO 12/31		0.1 AFA
FIRE PROTECTION FROM STORAGE	01/01 TO 12/31		0.1 AFA
TOTALS:		0.02 CFS	0.1 AFA

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 CHANGE SOURCE AS SHOWN

I. AUTHENTICATION

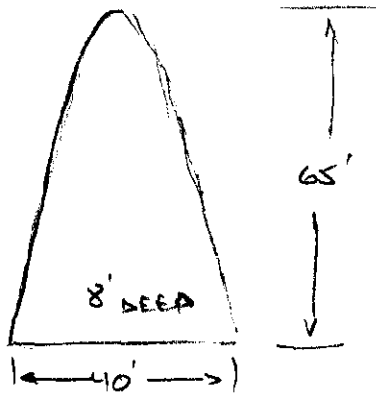
Field Examiner's Name DAW Date 10-22-96

Reviewer _____ Date _____

SEAL

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JAN 08 1997

CAPACITY OF STORAGE POND



$$\text{SURFACE AREA} = \frac{40' \times 65'}{2} = 1300 \text{ FT}^2$$

$$\text{CAPACITY} = \frac{1300 \text{ FT}^2 \times 8 \text{ FT} \times 0.4}{43560 \text{ FT}^3/\text{AF}} = 0.0955 \text{ AFA}$$

$$= \underline{\underline{0.10 \text{ AFA}}}$$

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JAN 08 1957



$$Q_{\text{THEORETICAL}} = \frac{1 \frac{1}{2} \text{ HP } (8.814) \cdot 6 \text{ EFF}}{8' \text{ LIAT} + (410 \text{ PSI} \times 2.308)} = \underline{\underline{0.08 \text{ CFS}}}$$

$$Q_{\text{STOCK}} = 5 \text{ HORSES \& COWS}$$

$$= \underline{\underline{0.01 \text{ CFS}}} \text{ FROM IDWR STD TABLE}$$

$$Q_{\text{FIRE}} = Q_{\text{THEORETICAL}} = 0.08 \text{ CFS}$$

$$Q_{\text{FIRE}} \text{ LIMITED BY PERMIT TO } \underline{\underline{0.02 \text{ CFS}}}$$

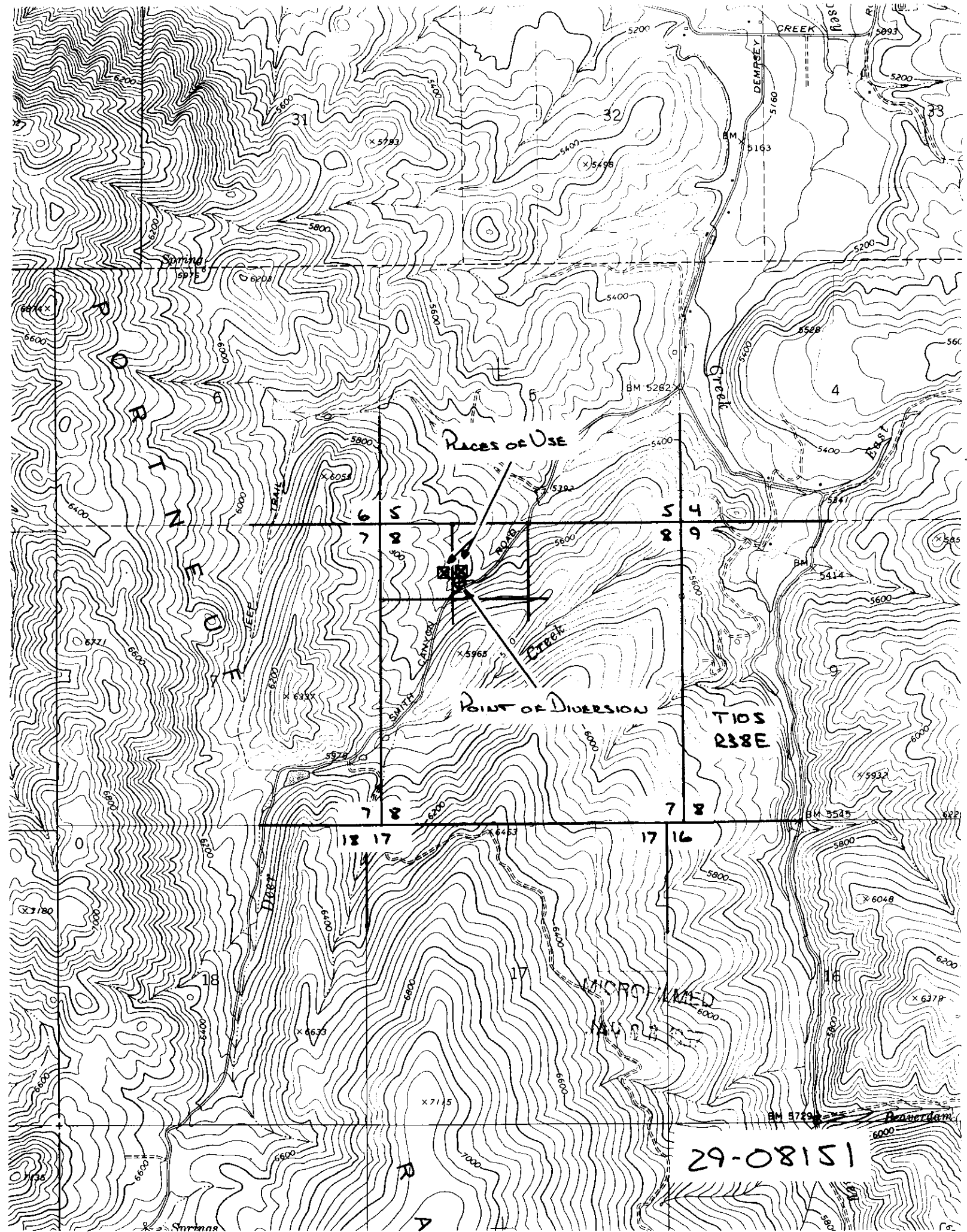
$$AFA_{\text{STOCK}} = \underline{\underline{0.1 \text{ AFA}}} \text{ FROM IDWR STD TABLE}$$

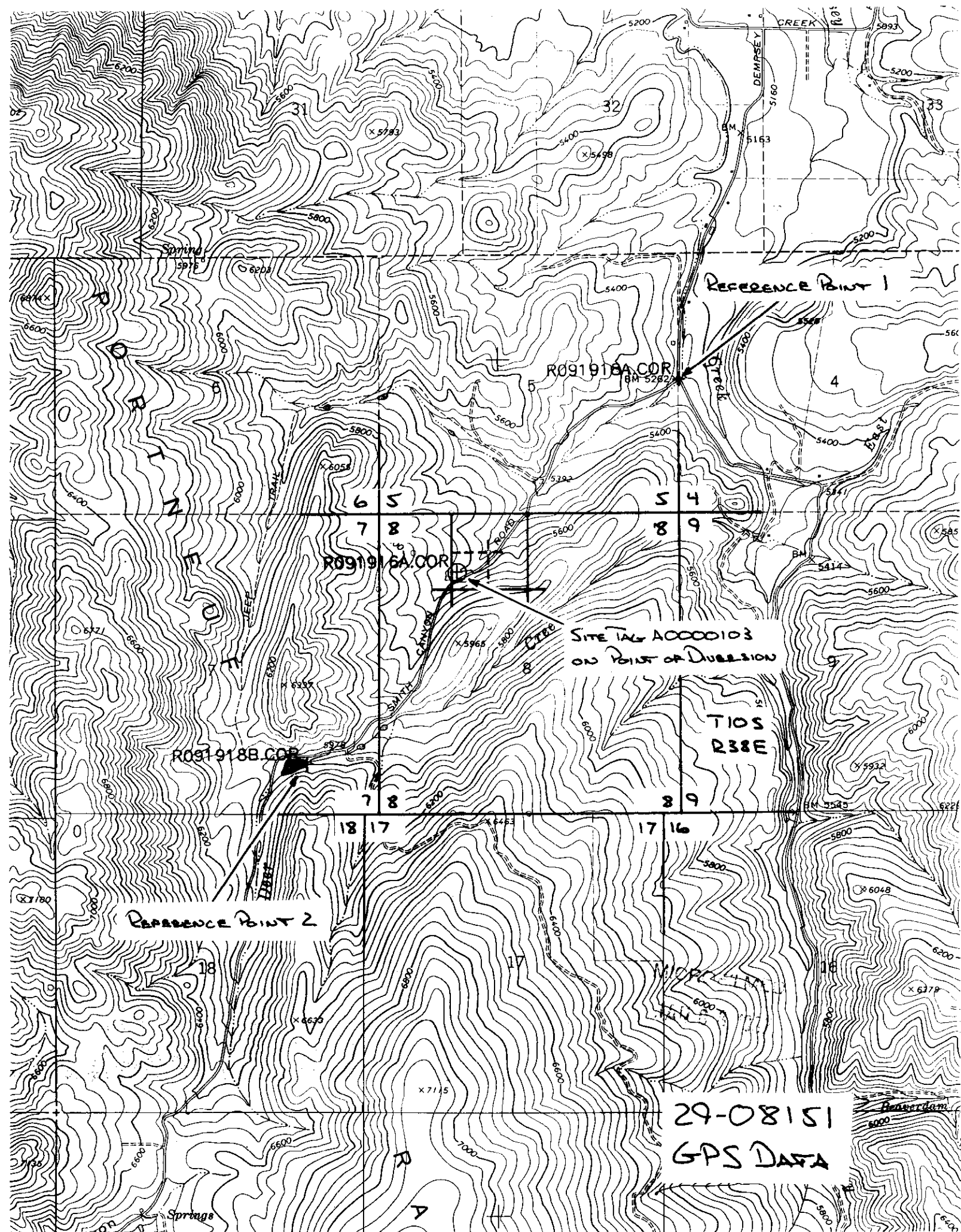
$$AFA_{\text{FIRE}} \text{ IS LIMITED TO } \underline{\underline{0.1 \text{ AFA}}} \text{ BY PERMIT}$$

$$AFA_{\text{TOTAL}} \text{ IS LIMITED TO } \underline{\underline{0.1 \text{ AFA}}} \text{ BY PERMIT}$$

ALL OTHER VOLUME AMOUNTS LIMITED BY CAPACITY
OF POND TO 0.1 AFA EACH

 MICROFILMED
 JAN 08 1987





	Recs	Mean	Std Dev	Minimum	Maximum
Latitude	214	42.5730105N	1.6635717	42.5729607N	42.5730426N
Longitude	214	112.0451450W	1.0670550	112.0451940W	112.0451044W
Altitude	214	1701.5050244	2.7015409	1693.9595641	1705.6978225

No velocity records in file.

No DOP records in file.

Start GPS Week #819 on 09/19/95 at 16:57:23

End GPS Week #819 on 09/19/95 at 17:01:31

Datum : WGS-84
Coordinate System : Latitude/Longitude
Altitude Mode : Height Above Ellipsoid
Altitude/Distance Units : Meters
Velocity Units : Meters/Second

MICRO-TA
JAN 8 1997

POINT OF DIVERSION LAT/LONG WGS-84 29-08151

	Recs	Mean	Std Dev	Minimum	Maximum
Northing	214	4713721.84	1.66	4713716.36	4713725.36
Easting	214	414285.80	1.07	414281.71	414289.18
Altitude	214	1729.69	2.70	1722.14	1733.88

No velocity records in file.

No DOP records in file.

Start GPS Week #819 on 09/19/95 at 16:57:23

End GPS Week #819 on 09/19/95 at 17:01:31

Datum : NAD-27 CONUS
Coordinate System : Universal Transverse Mercator [12T]
Altitude Mode : Height Above Ellipsoid
Altitude/Distance Units : Meters
Velocity Units : Meters/Second

MICROFILMED
JAN 8 8 1997

POINT OF DIVERSION

UTM 12T

29-08151

	Recs	Mean	Std Dev	Minimum	Maximum
Northing	328	4714736.38	0.72	4714734.31	4714737.46
Easting	328	415492.18	0.53	415491.33	415493.98
Altitude	328	1621.88	1.79	1618.53	1627.13

No velocity records in file.

No DOP records in file.

Start GPS Week #819 on 09/19/95 at 18:08:20

End GPS Week #819 on 09/19/95 at 18:12:02

Datum : NAD-27 CONUS
Coordinate System : Universal Transverse Mercator [12T]
Altitude Mode : Height Above Ellipsoid
Altitude/Distance Units : Meters
Velocity Units : Meters/Second

MICROFILMED
JAN 08 1997

REFERENCE POINT 1 UTM 12T 29-08151

	Recs	Mean	Std Dev	Minimum	Maximum
Northing	304	4712697.20	1.44	4712694.78	4712700.64
Easting	304	413475.70	2.46	413471.88	413483.96
Altitude	304	1856.20	1.25	1853.21	1858.50

No velocity records in file.

No DOP records in file.

Start GPS Week #819 on 09/19/95 at 18:26:19

End GPS Week #819 on 09/19/95 at 18:30:18

Datum : NAD-27 CONUS
Coordinate System : Universal Transverse Mercator [12T]
Altitude Mode : Height Above Ellipsoid
Altitude/Distance Units : Meters
Velocity Units : Meters/Second

MICROFILMED

JAN 23 1997

REFERENCE POINT 2

UTM 12T

29-08151

SEARS

**owner's
manual**

MODEL NO.

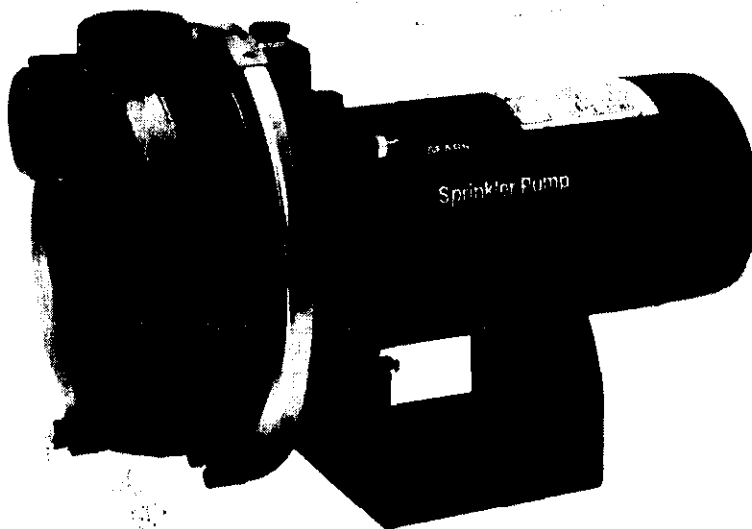
390.262450

390.262550

390.262650

CAUTION:
Read All Instructions
Carefully Before Start-
ing The Installation.

**Save This Manual For
Future Reference.**



"HYDRO-GLASS"® HIGH PRESSURE SPRINKLER PUMP

- Installation
- Operation
- Repair Parts

MICRO-TRACE
JAN 10 8 1995

RECEIVED

SEP 21 1995

Department of Water Resources
Eastern District Office

Sears, Roebuck and Co., Chicago, Ill. 60684 U.S.A.

PRINTED IN U.S.A.

29-08151

TABLE II
PERFORMANCE CHART (IN GALLONS PER MINUTE)

DISCHARGE PRESSURE P.S.I.	390.262450 1 H.P.				390.262550 1½ H.P.				390.262650 2 H.P.			
	DISTANCE ABOVE WATER											
	5'	10'	15'	20'	5'	10'	15'	20'	5'	10'	15'	20'
10	55	49	48	45	67	61	56	46	69	67	65	62
15	51	46	45	44	66	58	55	45	65	63	60	58
20	45	42	39	37	61	56	54	44	59	56	54	52
25	38	35	32	29	55	52	51	43	52	50	48	45
30	31	28	24	20	48	45	44	37	47	45	42	40
35	23	19	16	11	39	37	34	28	42	38	35	32
40	17	13	8	—	33	27	20	11	34	30	27	23
45	—	—	—	—	18	14	8	—	25	18	13	10
50	—	—	—	—	—	—	—	—	14	7	—	—
DISCHARGE PIPE TAPPING	1½" NPT				1½" NPT				2" NPT			
SUCTION PIPE TAPPING	1½" NPT				1½" NPT				2" NPT			

* NOTE: MANUFACTURER ESTIMATES 60%
EFFICIENCY FOR CHART ABOVE

MICROFILMED

JAN 28 1967

August 1, 1995

H L ANDREWS
CARALEEN ANDREWS
13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 29-08151

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 EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

RECEIVED
AUG 08 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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

November 28, 1994

H L ANDREWS
CARALEEN ANDREWS
13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 29-08151

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.

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.

Sincerely,

A handwritten signature in ink, appearing to read 'Jim Johnson', is written over a circular stamp.

JIM JOHNSON, Manager
Water Right Permits Section

JJ:dc

Enclosures

A faint, rectangular stamp or mark, possibly a date stamp, is visible in the bottom right corner of the page.

NOV 29 1994

PROOF OF PUBLICATION

STATE OF IDAHO }
County of Bannock } ss.

LORI A SEKOT

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

29-08150
SPAHR, ROY
WESTPHAL, JOHN
232 N. GRANT
POCATELLO, ID 83204

Source: SPRING

Tributary: RAPID CREEK

Diversion Pt: NWSWSE
Sec 15 T. 07S R. 36E in
BANNOCK County.

Use: DOMESTIC
(.040 CFS)

Total Diversion:
(.040 CFS)

Date Filed: 9/12/1994
In: BANNOCK County
T07S R36E S15
SWNE

29-08151

ANDREWS, H.L.
ANDREWS, CARLEEN
13223 S SMITH CANYON RD
LAVA HOT SPRINGS, ID
83246

Source: SPRING

Tributary:
DEMPSEY CREEK

Diversion Pt: NENENW
Sec 4 T. 10S R. 36E in
BANNOCK County.

Use:
DIVERSION TO
STORAGE (.020 CFS)

STOCKWATER
STORAGE (.10 AF)

STOCKWATER FROM

POCATELLO, ID 83204

POCATELLO, ID 83204

POCATELLO, ID 83204

POCATELLO, ID 83204

POCATELLO, ID 83204

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POCATELLO, ID 83204

POCATELLO, ID 83204

being first duly sworn on oath deposes and says: That she
was at all times herein mentioned a citizen of the United States of
America, more than 21 years of age, and the Principal Clerk of THE
IDAHO STATE JOURNAL, a daily newspaper, printed and published at
Pocatello, Bannock County, Idaho, and having a general circulation
therein.

That the document or notice, a true copy of which is attached, was
published in the said IDAHO STATE JOURNAL, on the following dates,
to-wit:

OCTOBER 6	1994	19
OCTOBER 13	1994	19
	19	19
	19	19
	19	19

That said paper has been continuously and uninterruptedly published
in said County for a period of seventy-eight weeks prior to the publication
of said notice or advertisement and is a newspaper within the meaning of
the laws of Idaho.

Lori A. Sekot

STATE OF IDAHO

COUNTY OF Bannock

On this 13TH day of OCTOBER in the year of 1994,
before me, a Notary Public, personally appeared
LORI A SEKOT

known or identified to me
to be the person whose name subscribed to the within instrument, and
being by me first duly sworn, declared that the statements therein are
true, and acknowledged to me that he executed the same.

Jeri L. Jensen
Notary Public for Idaho

Residing at POCATELLO

My commission expires: JULY 1997

NOV 29 1994

The permit(s) will be sub-
ject to all prior water
rights. Protests must be
filed with the applicant
and the Director, Dept.
of Water Resources,
along with a \$25.00 fil-
ing fee. Eastern Re-
gional 200 W Skyline,
Idaho Falls, Idaho
83402 on or before OC-
TOBER 24, 1994.
R. KATH HIGGINS
Director
Oct 6, 13, 1994
LN 325

PROOF OF PUBLICATION

STATE OF IDAHO }
County of Bannock } ss.

NOTICE OF
APPLICATION FOR
WATER RIGHT

The Following applica-
tion(s) have been filed
to appropriate the public
waters of the State of
Idaho:

29-08150
SPAHR, ROY
WESTPHAL, JOHN
232 N. GRANT
POCATELLO, ID 83204

Source: SPRING

Tributary: RAPID CREEK

Diversion Pt: NWSWSE
Sec 15 T 07S R 36E in
BANNOCK County.

Use: DOMESTIC
(.040 CFS)

Total Diversion:
(.040 CFS)

Date Filed: 9/12/1994
In: BANNOCK County
T07S R36E S15
SWNE

29-08151

ANDREWS, H L
ANDREWS, CARLEEN
13223 S SMITH CAN-
YON RD
LAVA HOT SPRINGS, ID
83246

Source: SPRING

Tributary:
DEMPSEYCREEK

Diversion Pt: NENENW
Sec 8 T 10S R 38E in
BANNOCK County.

Use:
DIVERSION TO
STORAGE (.020 CFS)

STOCKWATER
STORAGE (.10 AF)

STOCKWATER FROM-
STORAGE (.10 AF)

STOCKWATER
(.020 CFS)

TOTAL DIVERSION:
(.020 CFS) (.10 AF)

Date Filed: 9/23/1994
In: BANNOCK County
T10S R38E S08
NENW

The permit(s) will be sub-
ject to all prior water
rights. Protests must be
filed with the applicant
and the Director, Dept.
of Water Resources,
along with a \$25.00 fil-
ing fee, Eastern Re-
gion, 900 N Skyline,
Idaho Falls, Idaho
83402 on or before OC-
TOBER 24, 1994.

R KEITH HIGGINSON,
Director
Oct 6, 13, 1994
LN 325

LORI A SEKOT

being first duly sworn on oath deposes and says: That she
was at all times herein mentioned a citizen of the United States of
America, more than 21 years of age, and the Principal Clerk of THE
IDAHO STATE JOURNAL, a daily newspaper, printed and published at
Pocatello, Bannock County, Idaho, and having a general circulation
therein.

That the document or notice, a true copy of which is attached, was
published in the said IDAHO STATE JOURNAL, on the following dates,
to-wit:

<u>OCTOBER 6</u>	<u>1994</u>	<u> </u>	<u>19</u>
<u>OCTOBER 13</u>	<u>1994</u>	<u> </u>	<u>19</u>
<u> </u>	<u>19</u>	<u> </u>	<u>19</u>
<u> </u>	<u>19</u>	<u> </u>	<u>19</u>
<u> </u>	<u>19</u>	<u> </u>	<u>19</u>

That said paper has been continuously and uninterruptedly published
in said County for a period of seventy-eight weeks prior to the publication
of said notice or advertisement and is a newspaper within the meaning of
the laws of Idaho.

STATE OF IDAHO

COUNTY OF Bannock

On this 13TH day of OCTOBER in the year of 1994,
before me, a Notary Public, personally appeared
LORI A SEKOT, known or identified to me
to be the person whose name subscribed to the within instrument, and
being by me first duly sworn, declared that the statements therein are
true, and acknowledged to me that he executed the same.

Jeri L. Jensen
Notary Public for Idaho

Residing at POCATELLO

My commission expires: JULY 1997

NOV 9 1994

29-08151

ANDREWS, H L
ANDREWS, CARALEEN
13223 S SMITH CANYON RD
LAVA HOT SPRINGS, ID 83246

Source: SPRING

Tributary: DEMPSEY CREEK

Diversion Pt: NENENW Sec 8 T 10S R 38E in BANNOCK County.

Use: DIVERSION TO STORAGE	(.020 CFS)	
STOCKWATER STORAGE		(.10 AF)
STOCKWATER FROM STORAGE		(.10 AF)
STOCKWATER	(.020 CFS)	
Total Diversion:	(.020 CFS)	(.10 AF)

Date Filed: 9/23/1994

In: BANNOCK County
T10S R38E S08 NENW

NOV 29 1994

The permit(s) will be subject to all prior water rights. Protests must be filed with the applicant and the Director, Dept. of Water Resources, along with a \$25.00 filing fee, Eastern Region, 900 N Skyline, Idaho Falls, Idaho 83402 on or before OCTOBER 24, 1994.

R. KEITH HIGGINSON, Director

Published: 10/ 6/1994 & 10/13/1994

FILED

NOV 2 1994

RECEIVED

Form 202
10/92

OCT 12 1994

STATE OF IDAHO

Ident. No. 29-8151

Department of Water Resources
Eastern District Office
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant H.L. and/or Carateen Andrews Phone 776-5527
Post office address 13223 S. Smith Canyon Rd. Lava Hot Springs ID 83246
2. Source of water supply Spring which is a tributary of Dempsey Creek
3. Location of point of diversion is NE 1/4 of NE 1/4 of NW 1/4, Govt. Lot _____
Sec. 08 Township 10S Range 38E B.M. Bunnock County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .02 cfs for Storage purposes from 10-16 to 4-14 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.10 A/F for Storage for Stockwater/Fire Prot. purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.10 A/F for Stockwater/Fire Prot. from Storage purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount .02 cfs for Stockwater/Fire prot. purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.02 cfs and/or (b) 0.10 A/F
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Open Ditch to Pond and then to 6" pipe for outlet.
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 _____ inches; proposed depth of well is _____ feet.
d. Is ground water with a temperature of greater than 85°F being sought? _____
e. If well is already drilled, when? _____; Drilling firm _____
Well was drilled for (well owner) _____
7. Time required for the completion of the works and application of the water to be proposed beneficial use is
1 year years (i. e. minimum 1 year).

NOV 29 1994

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. 2 horses, 3 llamas
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. Fire protection

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
10S	38E	08					5/F												

Total number of acres to be irrigated _____

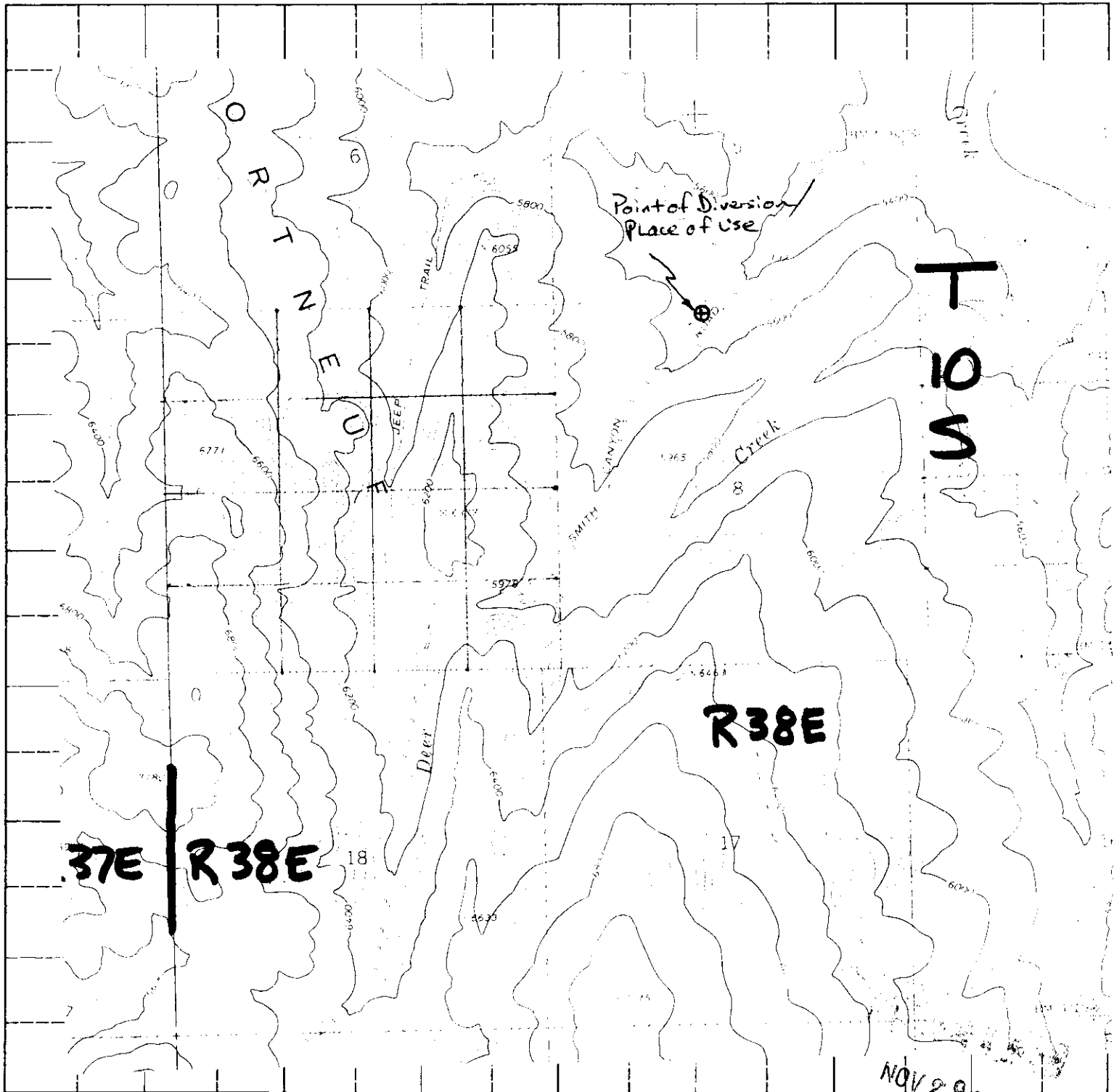
10. Describe any other water rights used for the same purposes as described above. _____

- 11. 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. _____

12. Remarks: This is a cold water spring

NOV 29 1994

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



Scale: 2 inches equal 1 mile.

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

N. J. Andrews
(applicant)

Received by BT Date 1/23/94 Time 12:37 Preliminary check by _____
Fee \$ 50⁰⁰ Receipted by BT # E020323 Date 9/23/94
Publication prepared by RB Date 10-6-94 Published in Idaho State Journal
Publication approved _____ Date _____

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. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- e. Other:

No Comments -

*Arlin D. Olson
water master
Portneuf River Dist. # 29*

RECEIVED

NOV 29 1994

September 30, 1994

ARLIN OLSON
WATER DIST 29
PO BOX 644
LAVA HOT SPRINGS ID 83246

RE: Application No. 29-08151

Dear Mr. Olson:

Please find enclosed a copy of the above referenced application. Please review the application and submit any comments you may have to our Department as soon as possible.

If we may be of further assistance, please feel free to contact us.

Thank you for your cooperation in this matter.

Respectfully submitted,


Harold W. Jones *rb*
Water Right Supervisor

HWJ/rb
enc.

NOV 29 1994

September 30, 1994

H. L. ANDREWS
13223 S SMITH CANYON RD
LAVA HOT SPRINGS ID 83246

RE: Application for Permit No. 29-08151

Dear Mr. & Mrs. Andrews:

The Department of Water Resources acknowledges receipt of your water right permit. This office is currently in the process of advertising the application in the Idaho State Journal on October 6 & 10, 1994. The advertisement will be published for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our State Office in about five weeks. State Office Personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,


Harold W. Jones *rb*
Water Right Supervisor

HWJ/rb

NOV 29 1994