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OCT 11 2006

Department of Water Resources
Eastern RegionSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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Department of Water Resources
Eastern Region

CLAIM TO A WATER RIGHT

Under the provisions of Section 42-243, *Idaho Code*, any person claiming a water right established by diversion and application of water to beneficial use must file a claim with the Department of Water Resources. **The filing of this claim does not confirm the water right claimed.** Water rights represented by a valid permit, license, decree, or previous claim are exempt from this requirement, as are uses of water for domestic purposes as defined in Section 42-111, *Idaho Code*. A filing fee must be submitted with this claim. See the instruction sheet to determine the appropriate fee.

Notice is hereby given that Roger or Maudrena Crummitt
(Name of Claimant)
1924 E. 4400 N. Preston, Idaho 83263 Telephone No: 208-852-1205
(Mailing Address) (Zip Code)

claims a right to the diversion and beneficial use of surface or ground water. The extent and nature of said claim is as follows:

1. Date of Priority: (When the water was first applied to beneficial use) 1-23-1892
A claim is not acceptable for the use of surface water with a priority later than May 20, 1971. A claim is not acceptable for the use of ground water with a priority date later than March 25, 1963, unless the water is used for domestic purposes as defined in Section 42-111, *Idaho Code*.

2. Describe the source of water: (Name of stream, lake, spring, etc., or ground water)
Unnamed Springs tributary to Sinks

3. Describe the purpose for which the water has been used and the time during the year when you have used the right claimed:

	(cfs or af)	(Irrigation, Domestic, Stock, Etc.)	(Both dates inclusive)	
			(MM/DD)	(MM/DD)
Quantity	<u>0.04</u>	Use <u>Domestic</u>	Period of Use From <u>1-1</u>	to <u>12-31</u>
Quantity	<u>0.04</u>	Use <u>Stockwater</u>	Period of Use From <u>1-1</u>	to <u>12-31</u>
Quantity		Use	Period of Use From	to
Quantity		Use	Period of Use From	to

4. 0.08 TOTAL QUANTITY USED.
(cfs or af)

5. A) Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot
Sec. 30 Township 14S Range 40E B.M., Franklin County; additional
points of diversion, if any:

B) Describe means of diversion of water: (Pump and pipeline, well, diversion dam, reservoir, length of ditch etc.).
Give sizes and capacities. Be specific. Describe any changes in the system and give the date of the change.

At the 3/4 mark on our Hillside there are two separate Springs. One flows through a 4" PVC pipe the other spring flows through a metal 4" pipe. Both of these springs flow directly into a collection box and then they flow down a singular 4" metal pipe into a 1000 Gallon spring box. The overflow from the 1000 gallon spring box flows down the hill picking up three other Springs flowing through an 8" PVC underground pipe to the Barn, where this water takes care of our stock. There is a joint use and maintenance agreement for Spring and Conveyance System and Easement included in this Claim of Water Right. Also Attached are 1. A trustees Deed 2. Home Stead Certificate. 3. Affidavit of previous owner. 4 Flow measurement for Spring.

6. A) Describe the place of use within each 40-acre tract in the appropriate box using the symbols listed below. If the use is for irrigation, describe the location by listing the number of irrigated acres within each 40-acre tract.

D - domestic, S - stockwater, M - municipal, C - Commercial, I - Industrial, X - other

Twp	Rge	Sec	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SE	SW	
14S	40E	30								7/8									

TOTAL ACRES 8.6

B) If water is used for purposes other than irrigation, fully describe the use. Be specific. Domestic & Home
Stock and Stock Water for 10 Horses and 8 cows. Stock
Water

NOTE: Include here the type and number of stock watered: 10 horses. 8 cows.

7. Remarks: Since 1892 there has been this claim on the water. All the included
paper work via attachments are important to this claim of water right.

8. **Map** -- Attach an 8½"x11" map clearly identifying the point of diversion and the place of use by 40-acre subdivisions, section, township and range of the public land survey system. (A photocopy of a USGS 7½ minute topographic quadrangle map is preferred.) Attach an **aerial photograph** of the place of use if available.

State of Idaho)
County of Franklin) ss.

Be it known that the undersigned, being duly sworn, deposes and says that he, she, they subscribed the forgoing claim to a water right, together with all attached information, and that the matters and facts therein are true to the best of the affiant's knowledge.

Roger Chumansky
Claimant's Signature (and title if claim is for an organization)

Sworn to before me this 16 day of October, 2006.

Maxine Shaddoups
Notary Public

Residing at: Weston Idaho

My commission expires: March 31, 2011

FOR DEPARTMENT USE ONLY

Received by Se Date 10/11/06
Prelim. check by _____ Date _____
Fee 100- Receipt # E032317
Receipt prepared by Se Date 10/18/06

Published in Preston Citizen
Publication dates 11-8 & 11-15, 2006
Publication checked by _____ Date _____
Exceptions filed by _____

222135 1-7

Todd Garbett

a.m. JUN 17 2003 3:20 p.m.

V. ELLIOTT LARSEN, RECORDER
By Ruth K. Rawling Deputy
FRANKLIN COUNTY, IDAHO

Attachment-F.

JOINT USE AND MAINTENANCE AGREEMENT
FOR SPRING AND CONVEYANCE SYSTEM AND EASEMENT

THIS AGREEMENT entered into between ROGER K. CRUMMITT and MAUDRENA T. CRUMMITT, husband and wife, (hereinafter "Crummitt") and JOSEPH CIMMINO and CHRISTINA CIMMINO, Trustees of the Cimmino Family Trust dated April 10, 1990, (hereinafter "Cimmino").

WITNESSETH

WHEREAS, Crummitt and Cimmino share the use of a culinary spring located on the property of Crummitt in Section 30, Township 14 South, Range 40 East of the Boise Meridian, more particularly described in Exhibit "A" attached hereto and incorporated herein by reference; and

WHEREAS, Cimmino is the owner of certain real property adjacent thereto and more particularly described in Exhibit "B" attached hereto and incorporated herein by reference; and

WHEREAS, Crummitt has a 75% interest in a culinary spring shared by the parties with Cimmino having a 25% interest in said spring; and

WHEREAS, it is the desire of the parties to continue to use said culinary system for their joint use, and further desire to reach an agreement for the sharing of costs, operation,

maintenance, repairs and any improvements that may be needed in connection with said culinary water system.

NOW, THEREFORE, for and in exchange of the mutual covenants, promises and conditions contained herein and for other good and valuable consideration, the parties agree as follows:

1. Ownership. The parties acknowledge that Crummitt owns a 75% interest in the water from the spring located on the Crummitt's property described in Exhibit "A" with Cimmino owning as 25% interest in the water from said spring.

2. Joint Use. Crummitt shall be entitled to 75% of the water produced from said spring and Cimmino shall be entitled to 25% of the water produced from said spring. Crummitt has caused an engineered measuring device to be installed on said property to conform to the engineer's drawing attached hereto and incorporated herein by reference as Exhibit "C". This device is designed to allow 75% of the spring water to flow to Crummitt and 25% to flow to Cimmino.

3. Utility and Maintenance Costs.

(a) Any costs associated with the spring and collection system up to and including the measuring device, a diagram of which is attached hereto as Exhibit "C", shall be shared 75% to the Crummitts and 25% to the Cimminos, or as otherwise agreed upon by the parties. This provision only applies to costs incurred after the date of this agreement.

(b) Any costs associated with the maintenance and repair of the parties' respective delivery systems shall be the responsibility of the parties, with the Crummitts

responsible for all the maintenance and repairs of the delivery system from the measuring device to Crummitt's point of use, and the Cimminos responsible for maintenance and repairs to the delivery system from the measuring device to Cimmino's point of use. The parties do not intend to create any new easement by executing this agreement.

(c) Non payment of maintenance and repair costs may result in disconnection from the culinary water until said costs are paid.

4. Additional Connections. No additional connections to the culinary water system may be made without the written consent of Crummitt and Cimmino.

5. Damage to System. If either party damages the culinary water system through that party's own negligence, that party shall be responsible to pay for the repairs to the water system.

6. Assignment. This agreement and the parties and their respective rights contained herein shall be appurtenant to and run with the land of the respective parties and may be freely transferred or assigned in conjunction with the transfer of said land.

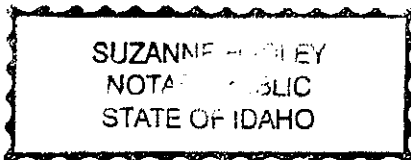
7. Legal Action. In the event it becomes necessary for any party to commence legal action to enforce the terms and conditions of this agreement, the prevailing party shall be entitled to recover reasonable attorneys fees and costs.

8. Binding Effect. This agreement shall be binding on the parties hereto, their heirs, successors and assigns.

9. Recordation. It is contemplated this agreement may be recorded in the Franklin County Recorder's office.

STATE OF IDAHO)
) ss.
 County of Franklin)

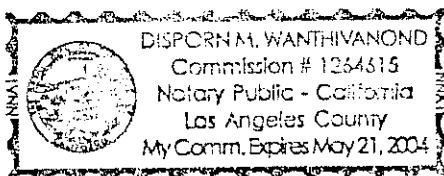
On this 1st day of June, 2003, before me, the undersigned, a Notary Public in and for said State, personally appeared **ROGER K. CRUMMITT** and **MAUDRENA T. CRUMMITT**, known or identified to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.



Suzanne Hedley
 NOTARY PUBLIC for State of Idaho
 Residing at: *Susan Lake*
 Comm. Expires: 8-9-03

STATE OF California)
) ss.
 County of Los Angeles)

On this 10 day of June, 2003, before me, the undersigned, a Notary Public in and for said State, personally appeared **JOSEPH CIMMINO** and **CHRISTINA CIMMINO**, known or identified to me to be the persons whose names are subscribed to the within instrument as Trustees of the Cimmino Family Trust and acknowledged to me that they executed the same as such Trustees of the Cimmino Family Trust.



Disporn M. Wanthivanond
 NOTARY PUBLIC for State of
 Residing at: *Rolling Hills Estates*
 Comm. Expires: *May 21, 2004*

EXHIBIT "A"

(Crummitt Property)

A certain parcel of land, situate, lying and being in Franklin County, State of Idaho, and more particularly described as follows:

Township 14 South, Range 40 East of the Boise Meridian, Franklin County, Idaho
Section 30:

Commencing at a point 67 rods 9 feet 8 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of said Section 30 and running thence North 1395 feet, more or less, to the South boundary of a county road to the TRUE POINT OF BEGINNING, thence running Northeasterly along the South boundary of said county road 95 feet; thence South 97 feet; thence Northwesterly 95 feet to a point which is 51 feet South of the TRUE POINT OF BEGINNING; thence North 51 feet to the TRUE POINT OF BEGINNING.

ALSO: Beginning at a point 42 rods 12.5 feet East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of Section 30, and running thence North 130 rods, more or less, to a point which is 130 rods North and 41 rods 4 feet 3 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of said Section 30; thence East 12 rods 15 feet 1 inch; thence South 130 rods, more or less, to a point 12 rods 6 feet 10 inches East of the point of beginning; thence West 12 rods 6 feet 10 inches to the point of beginning.

ALSO, Beginning at a point 55 rods 2 feet 10 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of Section 30, and running thence North 130 rods, more or less, to a point which is 130 rods North and 54 rods 2 feet 10 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of said Section 30; thence East 12 rods 15 feet 1 inch; thence South 130 rods, more or less, to a point 12 rods 6 feet 10 inches East of the point of beginning; thence West 12 rods 6 feet 10 inches to the point of beginning.

EXCEPTING THEREFROM: Beginning at a point 42 rods 12.5 feet East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of Section 30, Township 14 South, Range 40 East of the Boise Meridian and running thence North 75 rods 6.5 feet, more or less, to the South boundary of a county road; thence Easterly along the South boundary of the county road 18 rods 8 feet; thence South 6 rods 5 feet; thence East 7 rods 8.5 feet; thence South 75 rods 14.5 feet, more or less, to a point which is 24 rods 13 feet 8 inches East of the point of beginning; thence West 24 rods 13 feet 8 inches to the point of beginning.

TOGETHER WITH ANY RIGHT, TITLE AND INTEREST IN WATER RIGHTS AND MINERAL RIGHTS.

220135

EXHIBIT "B"

(Cimmino Property)

A CERTAIN PARCEL OF LAND, SITUATE, LYING AND BEING IN FRANKLIN COUNTY, STATE OF IDAHO, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT WHICH LIES EAST 1115.16 FEET AND NORTH 0°13'13" WEST, 1430.46 FEET OF THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 30, TOWNSHIP 14 SOUTH, RANGE 40 EAST OF THE BOISE MERIDIAN, SAID POINT BEING A LARGE WOOD CORNER POST ON THE NORTH R/W LINE OF A COUNTY ROAD AND RUNNING THENCE SOUTH 70°12'07" WEST ALONG SAID NORTH R/W LINE, 26.08 FEET; THENCE NORTH 29°43'40" EAST 28.30 FEET; THENCE NORTH 21°21'17" EAST, 37.84 FEET; THENCE NORTH 10°48'25" EAST, 27.44 FEET; THENCE NORTH 4°07'56" WEST, 15.90 FEET; THENCE NORTH 44°19'51" WEST, 21.10 FEET; THENCE SOUTH 84°57'19" WEST, 64.14 FEET TO A FRUIT TREE; THENCE SOUTH 69°42'02" WEST, 59.78 FEET TO A FENCE LINE; THENCE FOLLOWING SAID FENCE LINE THE FOLLOWING THREE (3) COURSES:

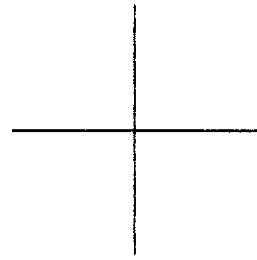
1) NORTH 19°24'46" WEST, 22.65 FEET; 2) SOUTH 69°59'29" WEST, 25.05 FEET; 3) NORTH 39°36'30" WEST, 34.91 FEET; THENCE NORTH 53°58'32" EAST, 44.73 FEET; THENCE NORTH 57°34'18" EAST, 68.57 FEET; THENCE NORTH 45°58'53" EAST, 131.66 FEET TO A FENCE LINE; THENCE SOUTH 8°37'03" EAST ALONG SAID FENCE LINE, 210.04 FEET TO A CORNER POST; THENCE SOUTH 29°43'40" WEST ALONG SAID FENCE LINE, 79.56 FEET TO THE POINT OF BEGINNING, CONTAINING 0.52 ACRES, MORE OR LESS. (1368.02)

Spring flows out of 4 inch PVC pipe. Roger and Maudrena Crummitts 3/4 Spring Intrest

Water from spring enters here at an average of about 2.4 gallons per minute, with slight fluctuation

4 inch PVC 90 degree elbow

And Joseph Cimmino's 1/4 or 25% Intrest in above stated.



1/2 inch threaded PVC caps with a 1/4 inch hole drilled into head, to control flow of water

One 1/2 inch PVC Nipple, is Connected to a 1 inch PVC Pipe, Straight to Joseph Cimmino's 700 Gallon Tank, and is Full

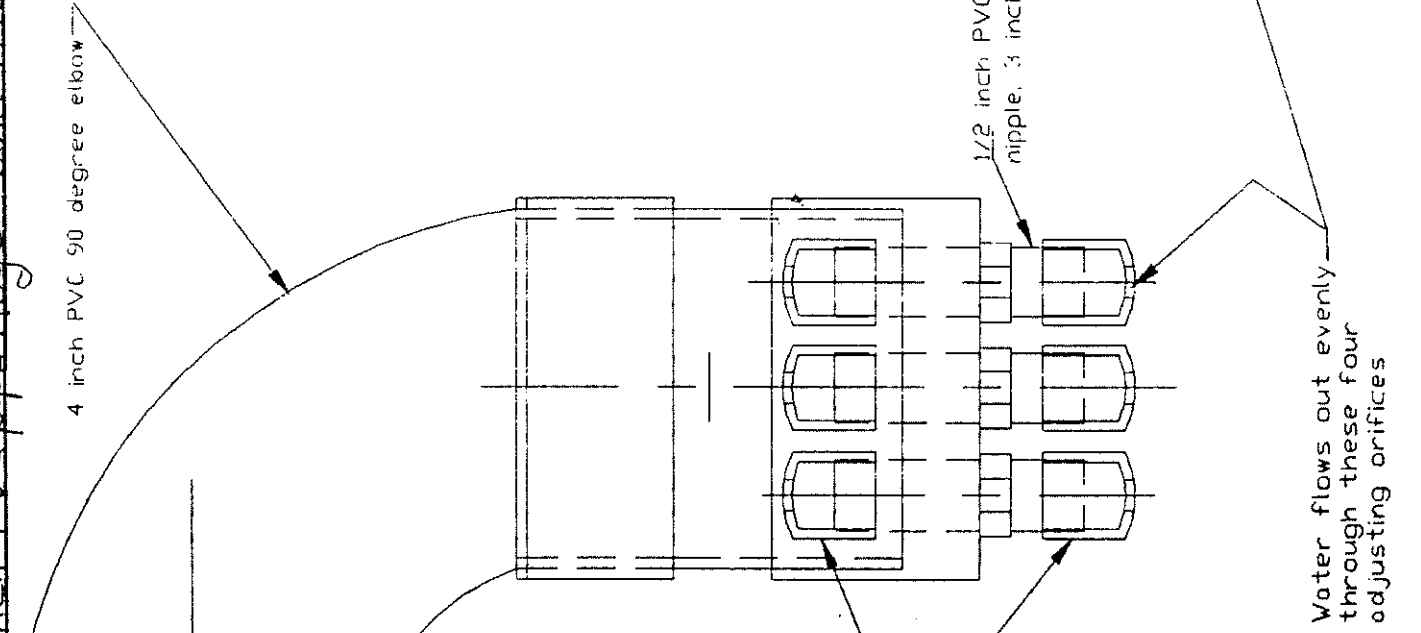
Water flows out evenly through these four adjusting orifices

4 inch PVC nipple 4.5 inches long

4 inch PVC cap reinforced with drilled for nipples

1/2 inch PVC nipple, 3 inch long

2.5 in



a.m. MAY 11, 1994 2:25 p.m.

#2

10 acres
House & 1 acre
5 South side of road
9 acres in 1/2 mile
of road.

191024 1-3

LARAE E. JOHNSON, RECORDED

By Carl Baker Deputy
FRANKLIN COUNTY, IDAHO

TRUSTEE'S DEED

This Deed made this 10th day of MAY, 1994, between LUWAYNE BARRINGTON and BONNIE F. BARRINGTON Trustees of the LUWAYNE BARRINGTON FAMILY TRUST, hereinafter called the "GRANTOR" and ROGER K. CRUMMITT and MAUDRENA T. CRUMMITT, Husband and Wife, whose address is 1924 East 4400 North Preston, Idaho 83263, hereinafter called "GRANTEE".

WHEREAS, LUWAYNE BARRINGTON and BONNIE F. BARRINGTON are the duly appointed and acting Trustees of the LUWAYNE BARRINGTON FAMILY TRUST, dated OCTOBER 24, 1988, by and between LUWAYNE BARRINGTON and BONNIE F. BARRINGTON as Grantors, and LUWAYNE BARRINGTON and BONNIE F. BARRINGTON as Trustees.

NOW, THEREFORE, WITNESSETH, that the said Grantor, for valuable consideration, and for the purpose of distributing certain real property from the LUWAYNE BARRINGTON FAMILY TRUST, does by these presents hereby distribute, grant, bargain, sell, convey, and confirm unto the said Grantees, and their heirs and assigns forever, all interest in that certain parcel of land, situate, lying and being in Franklin County, State of Idaho, and more particularly described as follows:

Township 14 South, Range 40 East of the Boise Meridian, Franklin County, Idaho
Section 30:

Commencing at a point 67 rods 9 feet 8 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of said Section 30 and running thence North 1395 feet, more or less, to the South boundary of a county road to the TRUE POINT OF BEGINNING, thence running Northeasterly along the South boundary of said county road 95 feet; thence South 97 feet; thence Northwesterly 95 feet to a point which is 51 feet South of the TRUE POINT OF BEGINNING; thence North 51 feet to the TRUE POINT OF BEGINNING.

ALSO: Beginning at a point 42 rods 12.5 feet East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of Section 30, and running thence North 130 rods, more or less, to a point which is 130 rods North and 41 rods 4 feet 3 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of said Section 30; thence East 12 rods 15 feet 1 inch; thence South 130 rods, more or less, to a point 12 rods 6 feet 10 inches East of the point of beginning; thence West 12 rods 6 feet 10 inches to the point of beginning.

ALSO, Beginning at a point 55 rods 2 feet 10 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of Section 30, and running thence North 130 rods, more or less, to a point which is 130 rods North

and 54 rods 2 feet 10 inches East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of said Section 30; thence East 12 rods 15 feet 1 inch; thence South 130 rods, more or less, to a point 12 rods 6 feet 10 inches East of the point of beginning; thence West 12 rods 6 feet 10 inches to the point of beginning.

EXCEPTING THEREFROM: Beginning at a point 42 rods 12.5 feet East of the Southwest corner of the Northeast Quarter of the Southwest Quarter of Section 30, Township 14 South, Range 40 East of the Boise Meridian and running thence North 75 rods 6.5 feet, more or less, to the South boundary of a county road; thence Easterly along the South boundary of the county road 18 rods 8 feet; thence South 6 rods 5 feet; thence East 7 rods 8.5 feet; thence South 75 rods 14.5 feet, more or less, to a point which is 24 rods 13 feet 8 inches East of the point of beginning; thence West 24 rods 13 feet 8 inches to the point of beginning.

TOGETHER any right, title and interest in water rights and mineral rights.

TOGETHER with all and singular the tenements, hereditaments, and appurtenances thereunto belonging or in anywise appertaining, the reversion and reversions, remainder and remainders rents, issues and profits thereof;

TO HAVE AND TO HOLD, all and singular the said premises together with the appurtenances unto the Grantees, their heirs and assigns forever. And the said Grantors do hereby covenant to and with the said Grantees, that said Trust is the owner in fee simple of said premises; that they are free from all encumbrances and that said Trust and Trustees will warrant and defend the same from all lawful claims whatsoever.

IN WITNESS WHEREOF, the said Grantor has hereunto set his hand and seal the day and year first above written.

LuWayne Barrington
LUWAYNE BARRINGTON, Trustee of the
LUWAYNE BARRINGTON FAMILY TRUST

Bonnie F. Barrington
BONNIE F. BARRINGTON Trustee of the
LUWAYNE BARRINGTON FAMILY TRUST

REFERENCE BOOK "A" OF HOMESTEADS PAGE 127, ORIGINAL ONEIDA COUNTY RECORDS
Reference Book "A" of Homesteads page 127 Original Oneida County Records
THE UNITED STATES OF AMERICA
TO
James Barrington
Filed for record and recorded this 23rd day of
January 1892 at 10.10 clock A.M.
C. T. Koons Recorder.
By Deputy Recorder.

Homestead Certificate No. 455
Application 249

The United States of America

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

WHEREAS, There has been deposited in the General Land Office of the United States a Certificate of the Register of the Land Office at Oxford Idaho Territory, whereby it appears that, pursuant to the Act of Congress approved 20th May, 1862, "To Secure Homesteads to Actual Settlers on the Public Domain," and the acts supplemental thereto, the claim of James Barrington
has been established and duly consummated, in conformity to law for the South East quarter of the North West quarter, the East half of the South West quarter of section thirty and the North East quarter of the North West quarter of section thirty one in township fourteen South of Range forty East of Boise Meridian in Idaho Territory, containing one hundred and sixty acres.

according to the Official Plat of the Survey of the said Land, returned to the General Land Office by the Surveyor General.

NOW KNOW YE, That there is, therefore, granted by the UNITED STATES unto the said

James Barrington

the Tract of Land above described.

TO HAVE AND TO HOLD the said Tract of Land with the appurtenances thereof, unto the said

James Barrington

and to his heirs and assigns forever; subject to any vested and accrued water rights for mining, agricultural, manufacturing or other purposes, and rights to ditches and reservoirs used in connection with such water rights as may be recognized and acknowledged by the local customs, laws and decisions of courts, and also subject to the right of the proprietor of a vein or lode to extract and remove his ore therefrom, should the same be found to penetrate or intersect the premises hereby granted, as provided by law, and there is reserved from the Lands hereby granted a right-of-way thereon for ditches or canals constructed by authority of the United States.

IN TESTIMONY WHEREOF, I, Grover Cleveland

PRESIDENT OF THE UNITED STATES OF AMERICA, have caused these letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

Given under my hand, at the City of Washington, the eighteenth day of April, in the year of our Lord one thousand nine hundred

(SEAL)

and eighty eight, and of the Independence of the United States the One hundred and twelfth

BY THE PRESIDENT, Grover Cleveland

By M. McKenna Secretary.

Robt W. Ross

Recorder of the General Land Office.

Recorded, Vol. 1, Page 440

COMPALED

LuWayne Barrington
96th West 8th South
Preston, Idaho 83263
208-852-2431

August 1st, 2006

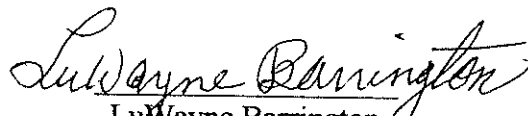
Affidavit of LuWayne Barrington, the former owner of the current
Roger and Maudrena Crummitt Property at 1924 E. 4400 N. Preston, Idaho
83263, Regarding Stock and Water Issues.

I, LuWayne Barrington, was born in the year 1926. I resided at 1924 E. 4400 N. I sold this property to Roger and Maudrena Crummitt on the 10th of May, 1994. This portion of property had remained in the Barrington family since 1881. I remember since the 1920's there was a spring box in the northeast corner that is still in use today by the Roger and Maudrena Crummitt Family.

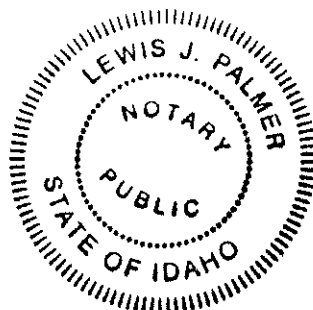
The springs are located in the northeast section of the hill with separate springs one in a metal pipe, and one in a latter added PVC pipe to a tank. From this tank it runs through a metal pipe into the main tank. At the bottom of this tank, it ran through a metal pipe that took the spring water to the barn yard and house, and the excess water was used for domestic purposes to the house, orchard, garden, and lawn.

The over flow from this same northeast spring box ran down the hill by the barn to a watering trough for the stock.

In growing up in this place, we milked up to 15 cows, we also had at least 4 work horses, and two saddle horses, as well as other live stock. All of these were watered from the springs.


LuWayne Barrington

Subscribed and Affirmed before me this 1st day of the month of August in the year of two thousand six




Notary Public for Idaho

Flow Measurement of Spring
Performed for Roger Crummitt

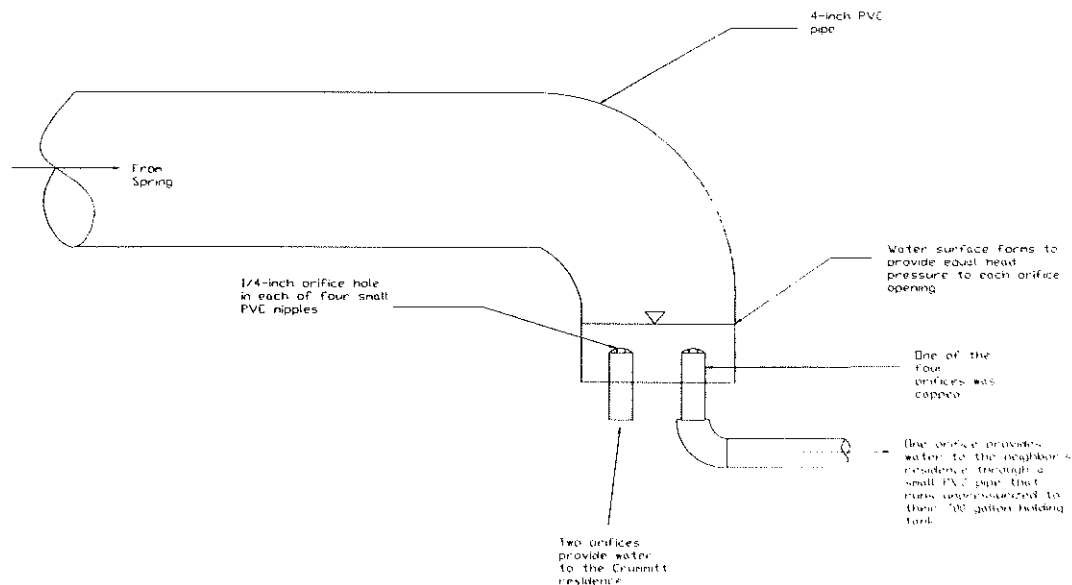
of

Riverdale, Idaho

August 9, 2006

Requested by: Roger Crummitt
1924 E. 4400 N. Preston, Idaho 83263

Spring Description: A 4-inch PVC pipe directs spring water to a small flow splitting device above the Crummitt residence. The flow in the 4-inch pipe is directed to a 4-inch capped elbow (bending in the downward direction). The capped elbow has been specially fitted with four equally spaced (around the interior circumference) small PVC capped nipples, rising above the interior of the elbow base, with each cap having a $\frac{1}{4}$ -inch hole carefully drilled in its center. One of the four nipple caps was sealed off, allowing water to flow through only three of the four $\frac{1}{4}$ -inch holes. This ingenious design provides a constant head of water over the openings of the carefully drilled $\frac{1}{4}$ -inch holes, splitting the flows equally into four parts (when all $\frac{1}{4}$ -inch holes are open).



Flow Measurement: The flow rate was carefully measured in both the 4-inch PVC pipe and in the small PVC pipe going to the neighbor's residence. Mr. Crummitt informed me that the neighbor has a $\frac{1}{4}$ share of the flow entering the flow splitting device and he wanted to ensure that his neighbor was getting an appropriate amount of water.

The flow rate was measured using a standard 5-gallon bucket (nominal) and a stop watch. The bucket was filled to the brim and the time was recorded. The total weight of the bucket full of water was 49.2 lbs. The bucket weight was found to be 2.3 lbs. The water weight alone by subtracting the difference is 46.9 lbs. 46.9 lbs of water was collected in 5 minutes, 11.75 seconds from the 4-inch PVC pipe. 46.9 lbs of water was collected in 16 minutes, 57.4 seconds from the neighbor's allotment. A specific gravity for water of 62.4 lbs/ft³ was assumed.

On August 9, 2006, the total flow rate in the 4-inch PVC pipe entering the flow splitting device was found to be 1.082 gpm. The flow rate diverted to the neighbors residence was found to be 0.33 gpm. The neighbor is receiving 30% of the total flow, which well exceeds his quarter share allotment. Seasonal fluctuations in the spring will not affect the capability of the flow splitting device, although, the magnitude of the flow rates may vary.

Analysis of the flow splitting device and the flow measurement was performed by:
Steven L. Barfuss, P.E. State of Utah #174703-2202



Steven L. Barfuss
Steven L. Barfuss P.E.

R40E

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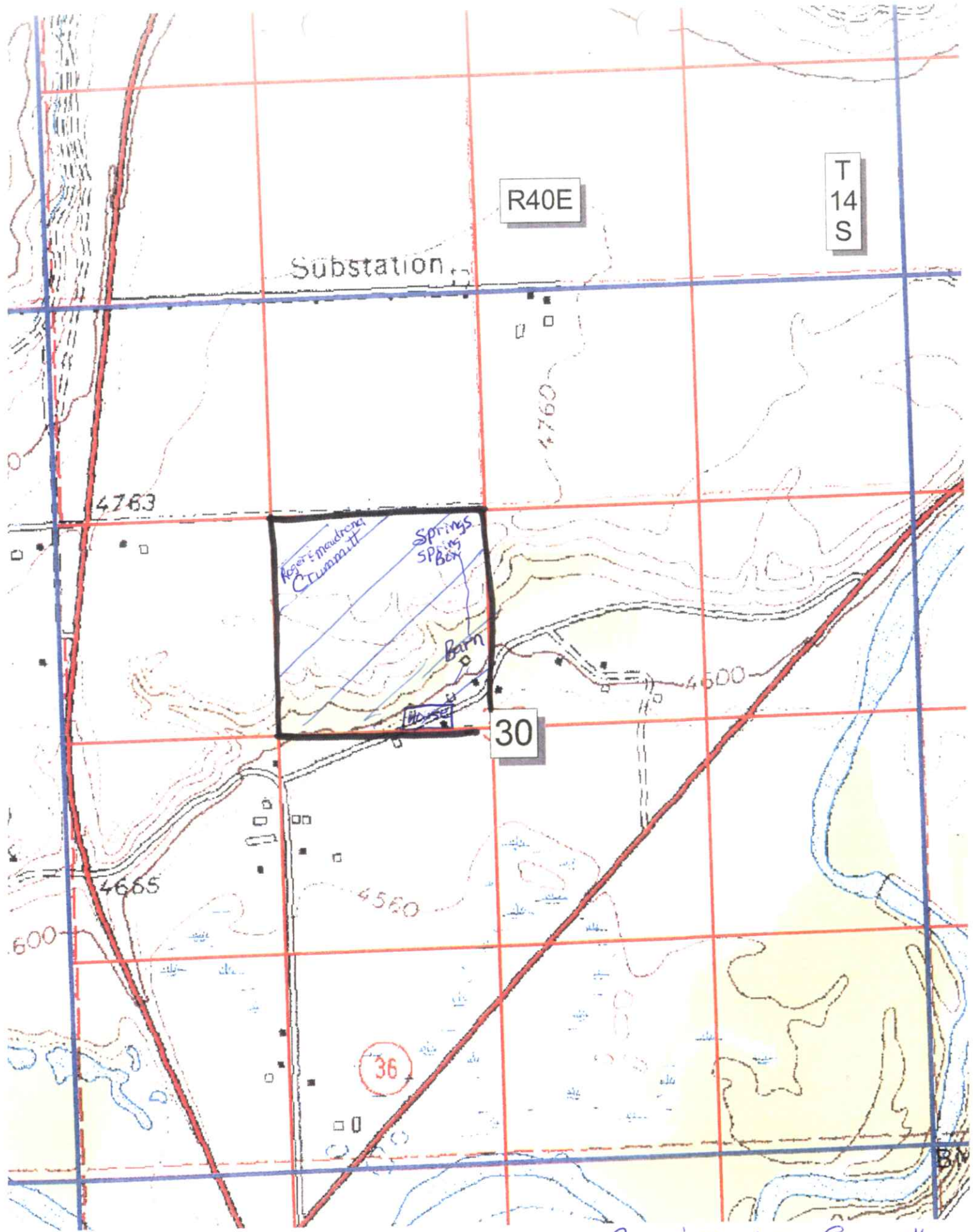
SEC 30

SENW



2004 Photo

Roger & Maudrena Crummitt



R40E

T
14
S

Substation

4763

4760

Roger & Maudrena
Crummitt

Springs
Spring Box

Barn

House

30

4600

4665

4560

36

600

Roger & Maudrena Crummitt

R40E

T
14
S

SEC 30

SENW

Roger & Maudrena Crummitt