

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A72-10130

Date Received: 1/18/1990

Receipt No: C014071

Received By: ownership change X

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: NIDA KEEFER
Address: PO BOX 2454
IDAHO FALLS ID 83403
2. Date of Priority: MAY 1, 1879
3. Source: MILL CREEK Trib. to: CHALLIS CREEK
4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
14N	18E	28	SW	NW	SW		CUSTER

5. Description of diverting works:
ROCK DAM WITH GRAVITY FLOW PIPE AND SPRINKLER SYSTEM.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.000		

7. Total Quantity Appropriated is:
1.000 C.F.S. (and/or) A.F.A.

8. Total consumptive use is 87.5 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
14N	18E	28	NE	SW		IRR	23.0
			SE	SW		IRR	5.0
			SW	SE		IRR	7.0

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	35.0
					Total Acres	35.0

11. Place of use in counties: CUSTER

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:
OWNERSHIP CHANGE FROM ROBERT AND NIDA KEEFER TO NIDA KEEFER ONLY.
COPY OF QUIT CLAIM DEED SUBMITTED WITH FORM. 1/7/99 jr

15. Basis of Claim: BENEFICIAL USE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): _____ Date: _____
_____ Date: _____

**STATE OF IDAHO
IDAHO DEPARTMENT OF WATER RESOURCES**

NOTICE OF CHANGE OF WATER RIGHT OWNERSHIP

Please print or type. Attach pages with additional information. Instructions are on the back of this page.
Incomplete forms will be returned.

1. Water Right No(s).: 72-10130H
Adjudication Claim No(s).: _____

2. The following REQUIRED information must be submitted with this form:
 - A. A copy of the most recent DEED, TITLE POLICY, CONTRACT OF SALE or other legal document indicating your ownership of the property and water rights or claims in question, WITH ATTACHED LEGAL DESCRIPTION.
AND
 - B. PLAT OF PROPERTY or SURVEY MAP for parcel of ten acres or less. (These are usually attached to your deed or on file with the county.)
OR
 - C. For water rights or adjudication claims involving ten or more irrigated acres, a USDA Farm Service Agency AERIAL PHOTO with irrigated acres outlined and point(s) of diversion clearly marked.

3. Name and Address of Former Owner/Claimant ROBERT KEEFER NIDA KEEFER

4. New Owner/Claimant(s) NIDA KEEFER
Name Connector (Check one): ☐ and, ☐ or, ☐ and/or
New Mailing Address P.O. Box 35
City, State and ZIP Code Challis, Id 83226-0035
New Telephone Number () _____

5. Date you acquired the property March 12, 1985

6. If you have acquired only a portion of the former owner's property, IDWR may need to split the water right(s) or adjudication claim(s). If this applies, describe in detail your portion of each water right or adjudication claim in the spaces below. If necessary, attach additional pages.

 Number of acres you irrigate _____ Number and type of stock _____
 Diversion rate in CFS _____ Number of homes _____ Other uses _____
 If a water right or adjudication claim is being split and you are not sure how to identify your portion of the original right or claim, please contact the nearest IDWR office for assistance.

7. Signature of New Owner or Claimant(s) Nida Keefers

(Corporations or other organizations must submit a list of directors and/or officers demonstrating authority to sign form.)

8. For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him or her for all matters related to your claims..

FILE No. _____

INSTRUMENT No. **STSELT**

173 676

QUITCLAIM DEEDFOR VALUABLE CONSIDERATION RECEIVED Robert W. Keefer, a married man,the Grantor, does hereby REMISE, RELEASE and forever QUITCLAIM, unto
Nida Keefer, a married woman,the Grantee, whose current address is P.O. Box 2454, Idaho Falls, Idaho 83403the following described real estate situated in Custer County

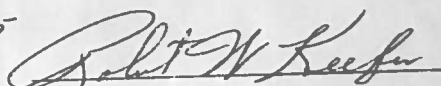
County, State of Idaho, to-wit:

The South half of the Northeast quarter of the Northeast quarter of the Southwest quarter (S $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$); the East half of the Southwest quarter of the Northeast quarter of the Southwest quarter (E $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$); the East half of the Northeast quarter of the Southeast quarter of the Southwest quarter (E $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$); the West half of the Southwest quarter of the Southwest quarter of the Southeast quarter (W $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$); the Southeast quarter of the Northeast quarter of the Southwest quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$); the Southwest quarter of the Southwest quarter of the Northeast quarter of the Southwest quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$); and the Southwest quarter of the Northwest quarter of the Southwest quarter of the Southeast quarter (SW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Twenty-eight (28) in Township Fourteen (14) North of Range Eighteen (18) East of the Boise Meridian, Idaho, containing Thirty-Five (35) acres.

Together with all ditch and ditch rights, water and water rights appurtenant to said premises or used in connection therewith.

TOGETHER, with all tenements, hereditaments and appurtenances thereunto belonging.

In construing this Deed and where the context so requires, the singular includes the plural and the masculine, the feminine and neuter.

DATED: March 12, 1985

 ROBERT W. KEEFER

STATE OF IDAHO, COUNTY OF _____, 1985.
 On this _____ day of _____, before me, a notary public in and for the said State, personally appeared Robert W. Keefer

known to me to be the person whose name is subscribed to this instrument, and acknowledged to me that he executed the same.


 Residing at _____
 Comm. Expires _____

Charles M. Beck
 Notary Public
 Idaho

THIS INSTRUMENT FOR COUNTY RECORDER'S USE ONLY.
 STATE OF IDAHO
 COUNTY OF CUSTER) ss.

This instrument was filed for record
 at the request of Robert Keefer
 at 3:20 o'clock P.M. March 12 1985
 and duly filed and indexed in the Records of Custer
 County.

By Ethel M. Beck Ex-Officio Recorder Deputy
 Fees 2.00

IDAHO TITLE & TRUST COMPANY
 Escrows • Title Insurance

647 N. Capital Ave., Idaho Falls, Idaho 83401 (208) 522-7885

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A72-10130
Date Received: 11/29/1989
Receipt No: C064071
Received By: C. Wong

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

REC-17
JAN 18 1990

1. Name: NIDA KEEFER
Address: P.O. BOX 2454
IDAHO FALLS, ID 83403

AND/OR

Name: ROBERT W. KEEFER
Address: P.O. BOX 593
CHALLIS, ID 83326

posted 1-12-90 DMS
Department of Water Resources

208-879-4339

2. Date of Priority: MAY 01, 1879

3. Source: MILL CREEK Trib. to: CHALLIS CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
14N	18E	28	SW	NW	SW		CUSTER

5. Description of diverting works:
ROCK DAM WITH GRAVITY FLOW PIPE AND SPRINKLER SYSTEM.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.000		

7. Total Quantity Appropriated is:
1.000 C.F.S. (and/or) A.F.A.

8. Total consumptive use is 87.5 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

A72-10130

Page 1

Date: 11/29/89

MICROFILMED

MAR 18 1993

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
14N	18E	28	NE	SW		IRR	23.0
			SE	SW		IRR	5.0
			SW	SE		IRR	7.0
						Section Acres	35.0
						Total Acres	35.0

11. Place of use in counties: CUSTER

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
NONE

14. Remarks:

15. Basis of Claim: BENEFICIAL USE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): _____ Date: _____
_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

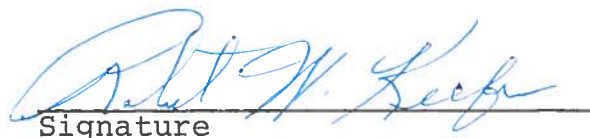
Seal

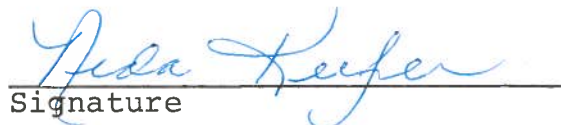
Residing at _____
My Commission Expires _____

NOTICE TO CLAIM TO WATER RIGHT

In the Spring of 1879, Alex Toponoch established a base camp at the site of what is now known as the Keefer Ranch. This was used as a staging area for the construction of the Custer Toll Road. (A wagon road running from Challis to the mines at Bonanza and Custer) In building the road from the ranch to Slab Barn Lake it became evident that extra mules and oxen would be needed to pull freight wagons up, what is known as the Corkscrew Mountain, section. Because the camp site was the only land available that could raise any type of forage, a water system was established to take water out of Mill Creek and irrigate approximately 35 acres of grassland. Also at this time a spring was developed for Domestic use. Point of diversion is described in Civil Case #39576.

Over the years a number of men maintained the site until 1918 when Richard West took over the site and filed a Forest Homestead Entry on December 27, 1922. The ranch stayed in the West family until 1965 when Robert and Nida Keefer purchased it. At that time a gravity flow sprinkler system was installed and the point of diversion was established as described in a Civil Case #39576. Because this water has been used almost continuously since May 1879, we feel this ranch is entitled to a legal Water Right.


Signature


Signature

Subscribed and sworn to before me this 10 day of January 1990


Notary Public

Residing at Idaho Falls, Id

My Commission Expires 10-18-94

RECEIVED

JAN 18 1990

Department of Water Resources

MICROFILMED

MAR 18 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

March 2, 1992

R. KEITH HIGGINSON
Director

A72-10130
NIDA KEEFER
P.O. BOX 2454

IDAHO FALLS

ID 83403

RE: Evidence of Priority

RESPONSE DEADLINE

MAY 1, 1992

Dear Claimant:

The Notice(s) of Claim identified with the number shown above your name on the mailing label has been filed in the Snake River Basin Adjudication (SRBA). The Notice(s) indicate your water usage is based on "Beneficial Use" or a "Statutory Claim". Water rights of this type are established by the historical use of water, dating back to when water was first used for the purpose claimed. **The date of first use, known as the priority date, has not been confirmed by a License, Decree or Permit.** The Department will soon conduct reviews &/or field exams for the claims in your area. Since the priority date of a beneficial use water right can not be confirmed by field examination, **proof must be provided supporting the priority date you have claimed.**

The Department will not recommend the Notice(s) be decreed by the court as claimed if no evidence of a priority date is submitted.

Please find enclosed a computer printout of your Notice(s) and the pamphlet entitled "Evidence of Priority". The pamphlet describes the types of evidence required and suggests which documents will fulfill this requirement. I direct your attention to the two sections entitled "What Kind of Evidence is Required" and "Some Examples of Documents Which May Be Evidence of the Priority Date".

Please submit the required evidence supporting the priority date(s) by **May 1, 1992**, referencing all documents with the corresponding Notice number(s). If you have any questions not covered by this letter or the enclosed pamphlet, please contact this office.

Respectfully submitted,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosures

MICROFILMED

MAR 18 1993

Richard West Sr. (Father of Richard West Jr.) had and worked several mining claims in the Challis area in the late 1800's and the early 1900's. One of these claims was on the property which was known as "The Old Dick West Ranch". Other claims he worked in the area was on West Creek and on Big Hill to name a few.

He later moved to Western Idaho. Dick Jr. was born there.

The Family moved back to Challis when Dick Jr. was (4) four years old. The family made their home on the ranch on Mill Creek where the father had lived and worked prior. At this time an overhead Flume was built to use with existing ditches to move water to a sawmill operation located below the barns.

A Forest Homestead (Forest Entry 025019) was applied for in 1919.

Dick Jr. purchased and owned the property from December 1936 until July 1962 when he sold it to Robert W. and Nida Keefer.

The water from Mill Creek was used for irrigation, stock feeding and watering from the time Mr. West was first there until the present time.

Richard C. West

Dick West, Jr.

May 18 1913

Birthdate

5-1-1992

Date

*State of Idaho
County of Custer.*

*Subscribed & sworn to before me
the 1st day of May, 1992.*

*Etchel M. Beck.
Notary Public
Challis
1-21-98*

*FOR CLAIM
A72-10130*

MICROFILMED

MAR 18 1993

May 4, 1992

Southern Regional Office
2148 4th Ave. East
Twin Falls, ID 83301

Dear Sirs,

In researching the history of the (Dick West) Robert/Nida Keefer Ranch I found Johnny Hammond remembered stories told to him as a youth by Mr. Bradbury, the father of Floyd Bradbury. Floyd Bradbury being about the age of Johnny's father. One of these stories was how there was horses kept at the ranch on Mill Creek to help the freight wagons being pulled up the steep Corkscrew Road above where the Keefer ranch is now.

There was no record of who owned the stock used to assist the supply wagons over the hill.

The dates of the road construction to the mining area of Custer was first completed and the first wagon went over the road in December 24, 1879. The road was officially opened and ready to use with a daily line in January 1880. This is as per Roberta H. Green's book - "They Followed The Glory Trail" - page 14, and page 15. This date is substantiated in "History Of Custer County, Idaho" by Jesse R. Black. - page 10. He states the road was first build and used in 1880.

At the time I was at Richard West's home having him sign the enclosed article, Dick commented that if his Dad had filed on the water that was used at the Ranch at the time he lived there the first time, it would be the oldest one on Mill Creek/Challis Creek drainage.

I hope the enclosed will be of good use for the decision you have to make.

Sincerely,



Note: Enclosure

Document signed by Johnny Hammond - Challis, Idaho
Document signed by Richard C. West - Challis, Idaho

MICROFILMED

MAR 18 1993

Richard West Sr. (Father of Richard West Jr.) had and worked several mining claims in the Challis area in the late 1800's and the early 1900's. One of these claims was on the property which was known as "The Old Dick West Ranch". Other claims he worked in the area was on West Creek and on Big Hill to name a few.

He later moved to Western Idaho. Dick Jr. was born there.

The Family moved back to Challis when Dick Jr. was (4) four years old. The family made their home on the ranch on Mill Creek where the father had lived and worked prior. At this time an overhead Flume was built to use with existing ditches to move water to a sawmill operation located below the barns.

A Forest Homestead (Forest Entry 025019) was applied for in 1919.

Dick Jr. purchased and owned the property from December 1936 until July 1962 when he sold it to Robert W. and Nida Keefer.

The water from Mill Creek was used for irrigation, stock feeding and watering from the time Mr. West was first there until the present time.

Richard C. West
Dick West, Jr.

May 18 1913
Birthdate

5-1-1992
Date

*State of Idaho
County of Custer.*

*Subscribed & sworn to before me
the 1st day of May, 1992.*

*Etchel M. Beck.
Notary Public
Challis
1-21-98*

MICROFILMED

MAR 18 1993

I remember, as a very young boy, being privileged to associate and ride with some of the old time ranchers and cowboys of this area.

While on some of our work trips, herding or pushing cattle, many stories and remembrances were shared of happenings and experiences of "How it used to be", in their growing up years. One of these stories of "How it was" told by one of the men, probably Floyd Bradbury's father, was about how the person residing at the Ranch on Mill Creek (Old Dick West Place-- now - Bob Keefer Ranch) kept horses that were used to assist the animals hooked to the freight wagons, to complete the arduous task of pulling them up the Cork Screw mountain road to Slab Barn Lake.

The old route to Custer from Challis, when Custer was being established, roads being built, took off from Garden Creek road, went up Klug Gulch - wandered around and came past Keefer's Ranch house and up Cork Screw Road to Slab Barn Lake - up to Fannie's Upper Hole and on to Custer.

Johnny Hammond
May 19, 1923
Birth date
April 30, 1992
Today's date

State of Idaho _____)

County of Custer)

Subscribed and sworn before this 30 day of April 92

Notary Public

Residing at

My Commission expires

Sandra K Hill
Challis ID
12/27/92

MICROFILMED

MAR 18 1993

RECEIVED
DEC 21 1998
Department of Water Resources
Southern Region

December 18, 1998

Douglas Jones, P.E.
Idaho Dept. of Water Resources
1341 Fillmore Street, Suite 200
Twin Falls, ID 83301-3380

Dear Mr. Doug Jones:

At the time of your meeting in Challis, I was already "snowed out" of the ranch on Mill Creek. I had an appointment to be in Idaho Falls for a month starting before the time of your meeting.

I have since contacted two employees of the USFS about area of Use Permit. They indicated to me it was possible to exchange acreage of like or it may be possible to purchase. The person who would be in charge of the exchange was out of town at the time of my calls, but the employee I talked to indicated it would probably take at least 4 or 5 years to complete paper work. I assume water rights will stay with the acreage it is currently being used on. Right?

Thanks for your help.

Sincerely,



Nida Keefer

Misc:	Water District Number:	Field Inspection Flag:
		Presumption Flag:

AJ0749NP
No. R72-10130A

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT
(REGIONAL)

DATE: 01/07/99
PAGE: 2

Comments:

Date: 05/19/1994 User-ID: ROBERTSO Subject: PORTION OF SPLIT RIGHT
72-10130 was split to separate the acres irrigated on private
land from those on USFS land. This right represents the 13.5
acres on private land.

Date: 11/21/1998 User-ID: AJU10-DS Subject: AJU10 CONDITION UPDATE
CONDITION CODE(S) C16 ADDED IF NOT ALREADY PART
OF RECORD THRU AJU10.

Date: 01/07/1999 User-ID: JROBERTS Subject: OWNERSHIP CHANGE
OWNERSHIP CHANGE FROM ROBERT AND NIDA KEEFER TO NIDA KEEFER ONLY.
COPY OF QUIT CLAIM DEED SUBMITTED WITH FORM.
*****SUMMER ADDRESS: PO BOX 35, CHALLIS ID 83226-00035*****

Audit: 01/07/99 JROBERTS

November 20, 1998

NOTICE OF ERROR **RECEIVED**
REPLY DEC 21 1998

Please type or print clearly, fill out this form completely and mail.

Department of Water Resources

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: December 18, 1998

Water right number: 72-10130A

Winter Address

NIDA KEEFER

PO BOX 2454

IDAHO FALLS ID 83403

Summer Address

Nida Kefer

P.O. Box 35

Challis, Or. 97601-0035

Daytime Telephone Number:

Evening Telephone Number:

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):
2. Describe the changes you wish to make in the proposed recommendation:
3. Give a brief explanation as to why you disagree with these portions:

☒ **I AGREE with this proposed recommendation; no changes need to be made.**

DATE: 12-18-98

SIGNATURE: *Nida Kefer*

Please print your name: NIDA KEEFER

DIVERSION
VOLUME

0.12 CFS

TOTAL DIVERSION: 0.12 CFS

Stage: BENEFICIAL USE

CUSTER County

6.5

Other Rights: NONE

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER

-	IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER	
-	RIGHTS IN BASIN 72:	
-	WATER RIGHT NO.	SOURCE
-	NONE	NONE
-	THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER	
-	IN BASIN 72 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER	
-	RIGHTS IN THE SNAKE RIVER BASIN:	
-	WATER RIGHT NO.	SOURCE
-	NONE	NONE
-	ALL WATER RIGHTS WITHIN BASIN 72 ARE FROM CONNECTED SOURCES	
-	OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED	
-	CONJUNCTIVELY.	

RIGHTS LISTED BELOW ARE DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE. RIGHT NOS.: 72-10130A, 72-10130B.

PLACE OF USE IS OWNED BY USFS AND USED BY KEEFER UNDER SPECIAL USE PERMIT.

Objection Filed Date:

Field Inspection Flag:
Presumption Flag:

Comments:

Date: 05/19/1994 User-ID: ROBERTSO Subject: PORTION OF SPLIT RIGHT
72-10130 was split to separate the acres irrigated on private
land from those on USFS land. This right represents the 6.5 acres
on federal land under Special Use Permit.

Date: 11/21/1998 User-ID: AJU10-DS Subject: AJU10 CONDITION UPDATE
CONDITION CODE(S) C16 ADDED IF NOT ALREADY PART
OF RECORD THRU AJU10.

Date: 01/07/1999 User-ID: JROBERTS Subject: OWNERSHIP CHANGE
OWNERSHIP CHANGE FROM ROBERT AND NIDA KEEFER TO NIDA KEEFER ONLY.
COPY OF QUIT CLAIM DEED SUBMITTED WITH FORM.
*****SUMMER ADDRESS: PO BOX 35, CHALLIS, ID 83326-0035*****

Audit: 01/07/99 JROBERTS

November 20, 1998

**NOTICE OF ERROR
REPLY**

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: December 18, 1998

Water right number: 72-10130B

NIDA KEEFER
PO BOX 2454
IDAHO FALLS ID 83403

+ Nida KEEFER
P.O. Box 35
Challis, Idaho 83226-0035

Daytime Telephone Number:

Evening Telephone Number:

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

2. Describe the changes you wish to make in the proposed recommendation:

3. Give a brief explanation as to why you disagree with these portions:

I have conversed with a USFS official and there is a possibility of trading acreage or possible purchasing acreage of acres being now being leased from them for acreage being irrigated.

 I AGREE with this proposed recommendation; no changes need to be made.

DATE: 12-18-98

SIGNATURE:

Nida Keefer

Please print your name:

NIDA KEEFER

Water Right Number - R72-10130A

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
KEEFER

NIDA

VERIFIED BY KKC
11-14-98

KEEFER

ROBERT W

1 - PO BOX 2454
2 -
3 -
City- IDAHO FALLS
Phone - 208-000-0000
1 - PO BOX 593
2 -
3 -
City- CHALLIS
Phone - 208-879-4339

State- ID Zip- 83326

Priority Date - +
05/01/1879

Region - +
17 SOUTHERN

Stage - +
J - BENEFICIAL USE

Status - +

Source - +
MILL CREEK

Tributary - +
CHALLIS CREEK

Twn Rng Sec Tract Lot Rflg County Point of Diversion
14N 18E 28 NW SW SW - 6534 (37) CUSTER

Code Description Period From Period To Water Use Diversion Rate Diversion Volume
01 - IRRIGATION 04/01 10/31 0.230

+ - Total Div. Rate - + + - Total Div. Volume - +
0.230

+ - Total Consumptive Use - + + - KW Usage - +
0.0

Twn Rng Sec Tract Lot Acres Code Description County
14N 18E 28 NE SW 13.0 01 IRRIGATION (37) CUSTER
Total Acres: 13.0

+ - - Diversion Means - ROCK DAM WITH GRAVITY FLOW PIPE AND SPRINKLER SYSTEM.

+ - - Non-Irrigation Use - NONE

+ - - Other Rights for Same Use - NONE

+ - - Remarks -

EXP RIGHTS LISTED BELOW ARE DIVERTED THROUGH POINT OF DIVERSION
DESCRIBED ABOVE. RIGHT NOS.: 72-10130A & 72-10130B.

Water right number - R72-10130A

Prefix Translation: RESEARCH

+ - - - - Old Water Right Numbers - - - - - +
+ - - - - Old Water Right Numbers - - - - - +
No Old Water Right Numbers Found

+ - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.

+ - - - - Decree Plaintiff - - - + - - - Decree Defendant - - - + - - - Decree Date - - - +
00/00/0000

+ - - - - Comments- - - - - +
Date: 05/19/1994, User Id: ROBERTSO Subject: PORTION OF SPLIT RIGHT
72-10130 was split to separate the acres irrigated on private land from those on USFS land. This right represents the 13.5
acres on private land.

+ - - Audit Fields - - +
11/14/98 KCHRISTE

+ - - - - Adjudication Rights Dates and Flags Area - - - - - +
Court Report Filing - 00/00/0000 Field Inspection Made - 08/13/1993 Civil Case Number - 39576
Objection Filed Date - 00/00/0000 Field Inspection Flag - 00/00/0000 Old Judicial District -
Response Filed Date - 00/00/0000 Verified Date - 00/00/0000 Temporary Right - P
Claim Received Date - 01/18/1990 Last Amended Date - 00/00/0000 Water District -
Receipt Number - X777777 Federal/State Indicator - S
POU Ownership Flag - Y Presumption Flag -
Name Connector - AND/OR Notice of Error Flag -

CLAIM NUMBER 72-10130A DATE _____
 _____ AGENT _____

TRANSFER NUMBER _____
 CLAIMED ACRE TOTAL 35
 GIS ACRE TOTAL 13

	TWP	RNG	SEC	NE				NW				SW				SE			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	<u>14N</u>	<u>18E</u>	<u>28</u>									<u>23</u>			<u>5</u>			<u>7</u>	<u>35</u>
GIS	<u>14N</u>	<u>18E</u>	<u>28</u>									<u>13</u>			<u>0</u>			<u>0</u>	<u>13</u>
RECOM	<u>14N</u>	<u>18E</u>	<u>28</u>									<u>13</u>			<u>0</u>			<u>0</u>	<u>13</u>
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B72-DBPOU.SHP

SHAPE NOS.

95

Per Jeanie's notes the system capacity is 0.35 CFS and is applied to the p/u under both portions therefore the recommendation for each portion is $.35 \text{ CFS} / (13A + 6.5A) = 0.0179 \text{ CFS/A}$.

B72-DBPOD.SHP

NOS. DESCRIPTION

34 NW SW SW

Rate for Part A = $13A \times 0.0179 = 0.23$

Part B = $6.5A \times 0.0179 = 0.12 \text{ CFS}$

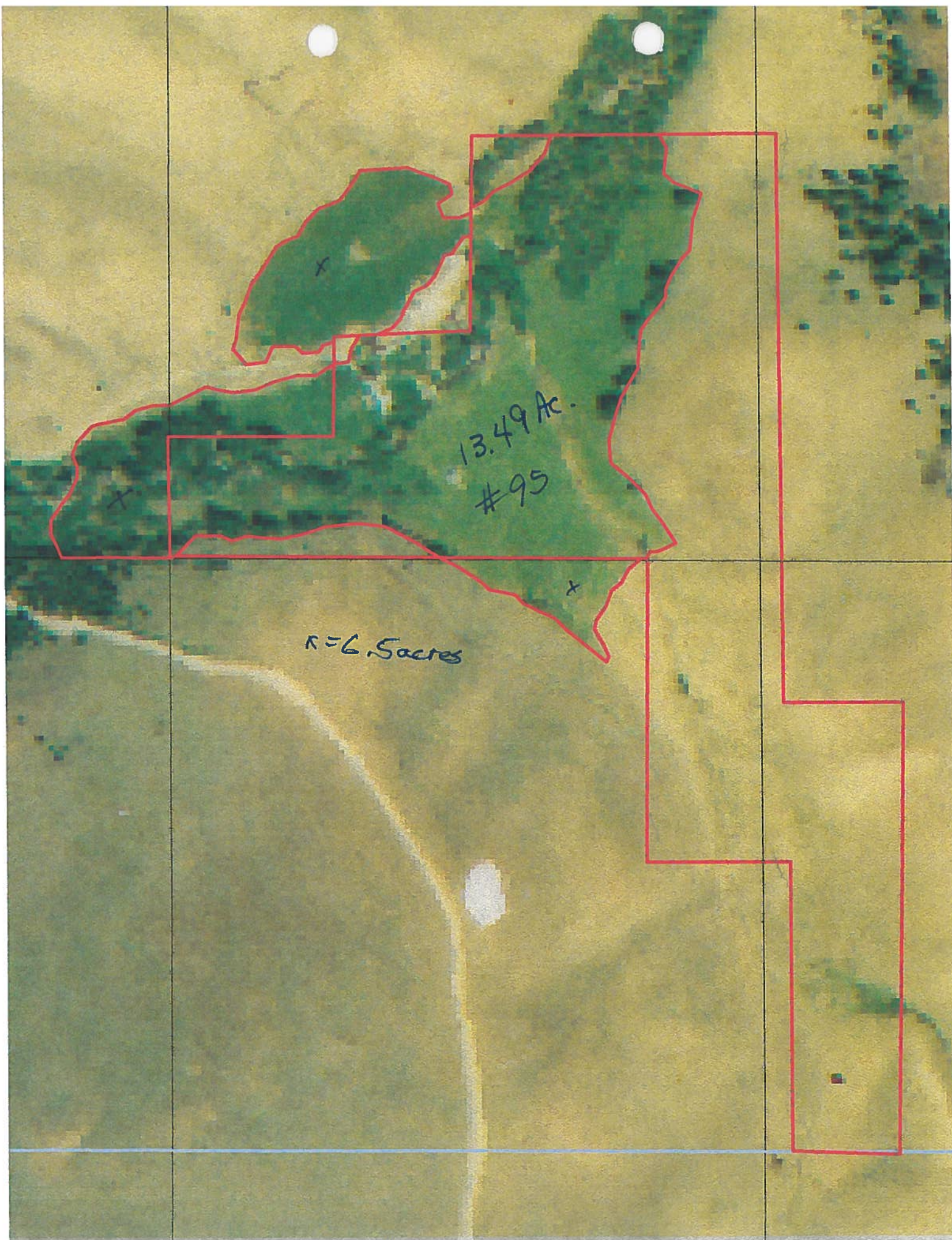
KKC 11-14-98

each portion is recommended independent of the other therefore no combined limits are required

DBF TABLES UPDATED

B72-DBPOU.DBF ☒

B72-DBPOD.DBF ☒



72-10130 A (Keeter) 13.5 Ac.



Water Right Number - R72-101308

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
KEEFER

NIDA

VERIFIED BY *KAC*
11-14-98

KEEFER

ROBERT W

1 - PO BOX 2454
2 -
3 -
City- IDAHO FALLS
Phone - 208-000-0000
1 - PO BOX 593
2 -
3 -
City- CHALLIS
Phone - 208-879-4339

State- ID Zip- 83403
State- ID Zip- 83326

Priority Date - +
05/01/1879

Region - +
17 SOUTHERN

Stage - +
J - BENEFICIAL USE

Status - +

Source - +
MILL CREEK

Tributary - +
CHALLIS CREEK

Twn Rng Sec Tract Lot Rflg County Point of Diversion

14N 18E 28 NW SW *655 34* (37) CUSTER

Code Description Period From Period To Water Use Diversion Rate Diversion Volume

01 - IRRIGATION

04/01 10/31

0.120

+ - Total Div. Rate - + + - Total Div. Volume - +
0.120

+ - Total Consumptive Use - + + - KW Usage - +
0.0

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
14N	18E	28	NE SW		4.0	01	IRRIGATION	(37) CUSTER
14N	18E	28	NW SW		1.6	01	IRRIGATION	(37) CUSTER
14N	18E	28	SE SW		0.9	01	IRRIGATION	(37) CUSTER

Total Acres: 6.5

+ - - Diversion Means - ROCK DAM WITH GRAVITY FLOW PIPE AND SPRINKLER SYSTEM.

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

+ - - Remarks -

GEN RIGHTS LISTED BELOW ARE DIVERTED THROUGH POINT OF DIVERSION
DESCRIBED ABOVE. RIGHT NOS.: 72-10130A, 72-10130B.

Water right number - R72-101308

Prefix Translation: RESEARCH

PLACE OF USE IS OWNED BY USFS AND USED BY KEEPER UNDER SPECIAL
USE PERMIT.

No Old Water Right Numbers Found

Old Water Right Numbers

Conditions of Approval
No Conditions of Approval found.

Decree Plaintiff

Decree Defendant

Decree Date
00/00/0000

Date: 05/19/1994 User Id: ROBERTSO Subject: PORTION OF SPLIT RIGHT
72-10130 was split to separate the acres irrigated on private land from those on USFS land. This right represents the 6.5 acres
on federal land under Special Use Permit.

Audit Fields
11/14/98 KCHRISTE

Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/13/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 01/18/1990	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- X777777	Water District	-
		POU Ownership Flag	- N	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

CLAIM NUMBER 72-10/30B DATE _____
 _____ AGENT _____

TRANSFER NUMBER _____
 CLAIMED ACRE TOTAL 35
 GIS ACRE TOTAL 6.5

	TWP	RNG	SEC	NE				NW				SW				SE			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	<u>14N</u>	<u>18E</u>	<u>28</u>									<u>23</u>			<u>5</u>			<u>7</u>	
GIS	<u>14N</u>	<u>18E</u>	<u>28</u>									<u>4</u>	<u>1.6</u>		<u>.9</u>			<u>6</u>	<u>6.5</u>
RECOM	<u>14N</u>	<u>18E</u>	<u>28</u>									<u>4</u>	<u>1.6</u>		<u>.9</u>			<u>0</u>	<u>6.5</u>
CLAIM																			
GIS																			
RECOM																			
CLAIM																			
GIS																			
RECOM																			

B72-DBPOU.SHP

SHAPE NOS.

96 = 3 Ac.
97 = 2.5 Ac.
98 = .9 Ac.

B72-DBPOD.SHP

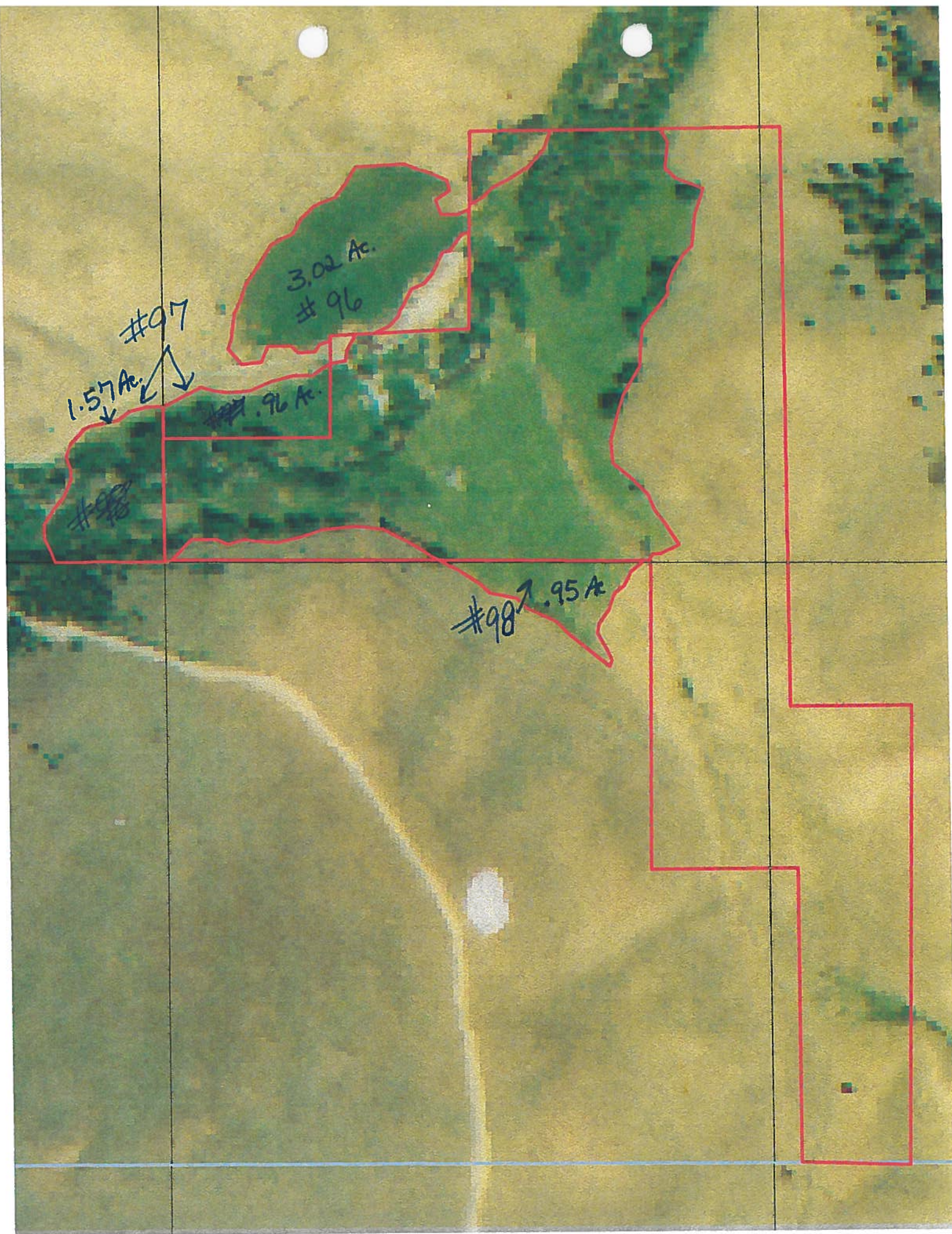
NOS. DESCRIPTION

34 NWSWSW

DBF TABLES UPDATED

B72-DBPOU.DBF ☒

B72-DBPOD.DBF ☒

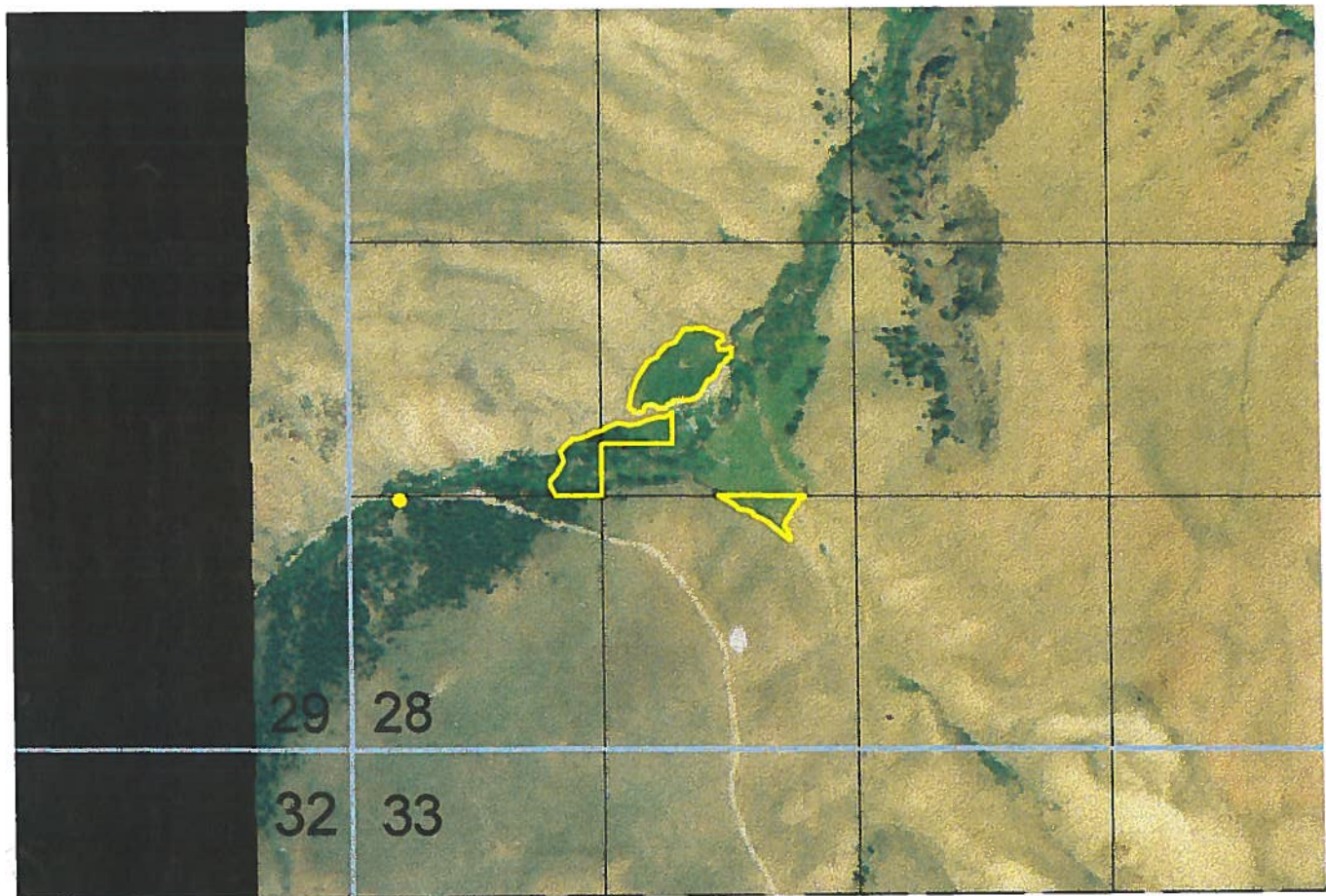


72-101306 (U.S.F.S.) 6.5 Ac.

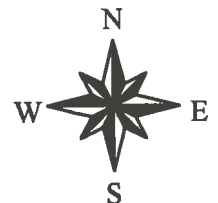
IDAHO DEPARTMENT OF WATER RESOURCES

72-10130B

U.S.F.S.



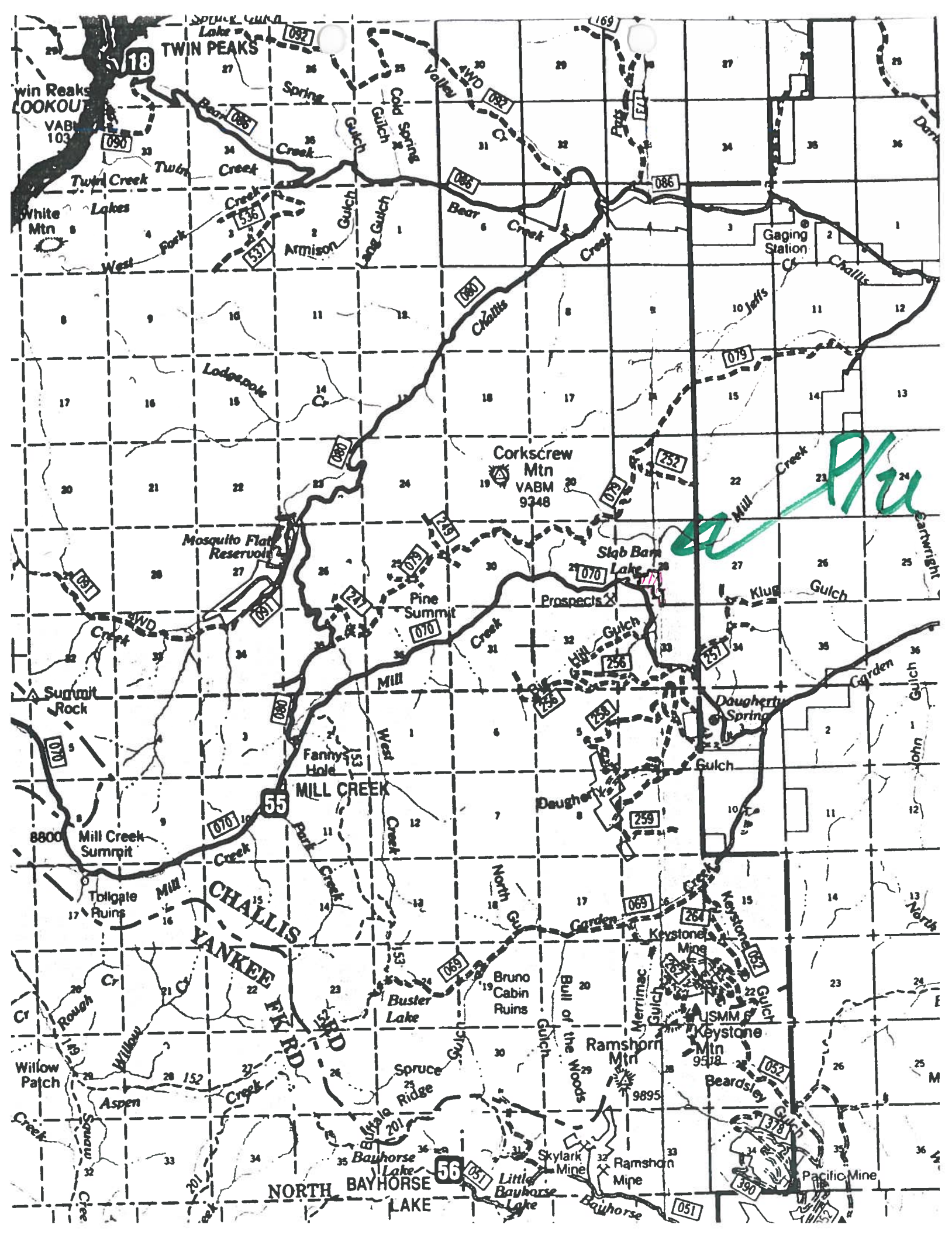
1320 0 1320 Feet



RECOMMENDED PLACE OF USE
DATA ENTRY ON OCT. 3, 1998
TWP 14N, 18E, SEC 28

-  RECOMMENDED PLACE OF USE
-  RECOMMENDED POINT OF DIVERSION
-  SECTION LINES
-  QUARTER QUARTER LINES

GIS PLACE OF USE PRESENTATION
USFS 1992 AERIAL PHOTOGRAPHY
DATA ENTRY BY JEANIE ROBERTSON



KEEFER'S SPECIAL USE

RECEIVED

MAY 23 1994

Department of Water Resources
Southern Region Office

19 May 94

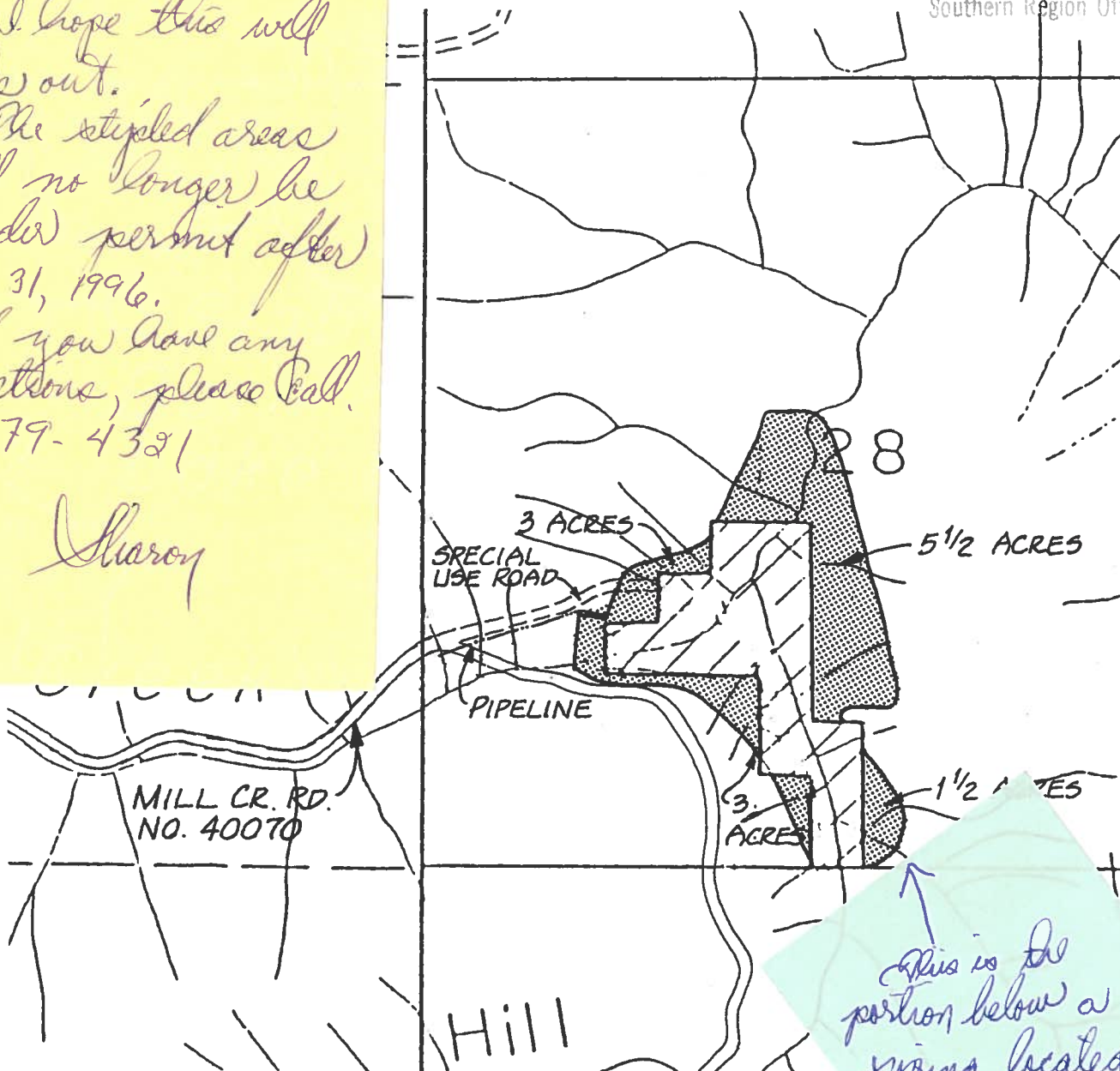
Jeannie—

I hope this will help out.

The stippled areas
will no longer be
under permit after
Dec. 31, 1996.

If you have any questions, please call.
879-4321

Sharon



SECT. 18 E.

This is the portion below a spring located on the Forest - an enclosure was constructed around the spring



EXISTING USE OR FENCE

9/4/86 J. HAGEN/BAJ

SPECIAL USE PERMIT

Act of ~~June 4, 1897~~ October 1976
This permit is revocable and nontransferable
(Ref. FSM 2710)

a. Record no. (1-2)	b. Regic	c. Forest (5-6)
70	04	06
d. District (7-8)	e. User number (9-12)	f. Kind of use (13-15)
02	5100	~~270~~ 241
g. State (16-17)	h. County (18-20)	k. Card no. (21)
16	037	1

Permission is hereby granted to Robert W. Keefer

of P.O. Box 593, Challis, ID 83226
hereinafter called the permittee, to use subject to the conditions set out below, the following described lands or improvements:

Within S1/2, Sec. 28, T14N, R18E, B.M.

RECEIVED

MAY 23 1994

Department of the Interior
Bureau of Land Management
Southern Region Office

This permit covers 13 acres and ~~xxx~~ .5 (fence) miles and is issued for the purpose of:

Temporary use for dry land pasture adjacent to private land. Includes about half mile of fences which will be placed on property line during the next 10 years.

1. Construction or occupancy and use under this permit shall begin within N/A months, and construction, if any, shall be completed within N/A months, from the date of the permit. This use shall be actually exercised at least 365 days each year, unless otherwise authorized in writing.

2. In consideration for this use, the permittee shall pay to the Forest Service, U.S. Department of Agriculture, the sum of (See Clause 19) Dollars (\$) for the period from 19, to 19, and thereafter annually on

Dollars (\$):
Provided, however, Charges for this use may be made or readjusted whenever necessary to place the charges on a basis commensurate with the value of use authorized by this permit.

3. This permit is accepted subject to the conditions set forth herein, and to conditions 18 to 34 attached hereto and made a part of this permit.

PERMITTEE	NAME OF PERMITTEE  Robert W. Keefer	SIGNATURE OF AUTHORIZED OFFICER	DATE 9-15-86
ISSUING OFFICER	NAME AND SIGNATURE  Jack C. Griswold	TITLE Forest Supervisor	DATE 10-2-86

4. Development plans; layout plans; construction, reconstruction, or alteration of improvements; or revision of layout or construction plans for this area must be approved in advance and in writing by the forest supervisor. Trees or shrubbery on the permitted area may be removed or destroyed only after the forest officer in charge has approved, and has marked or otherwise designated that which may be removed or destroyed. Timber cut or destroyed will be paid for by the permittee as follows: Merchantable timber at appraised value; young-growth timber below merchantable size at current damage appraisal value; *provided* that the Forest Service reserves the right to dispose of the merchantable timber to others than the permittee at no stumpage cost to the permittee. Trees, shrubs, and other plants may be planted in such manner and in such places about the premises as may be approved by the forest officer in charge.

5. The permittee shall maintain the improvements and premises to standards of repair, orderliness, neatness, sanitation, and safety acceptable to the forest officer in charge.

6. This permit is subject to all valid claims.

7. The permittee, in exercising the privileges granted by this permit, shall comply with the regulations of the Department of Agriculture and all Federal, State, county, and municipal laws, ordinances, or regulations which are applicable to the area or operations covered by this permit.

8. The permittee shall take all reasonable precautions to prevent and suppress forest fires. No material shall be disposed of by burning in open fires during the closed season established by law or regulation without a written permit from the forest officer in charge or his authorized agent.

9. The permittee shall exercise diligence in protecting from damage the land and property of the United States covered by and used in connection with this permit, and shall pay the United States for any damage resulting from negligence or from the violation of the terms of this permit or of any law or regulation applicable to the National Forests by the permittee, or by any agents or employees of the permittee acting within the scope of their agency or employment.

10. The permittee shall fully repair all damage, other than ordinary wear and tear, to national forest roads and trails caused by the permittee in the exercise of the privilege granted by this permit.

11. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this agreement or to any benefit that may arise herefrom unless it is made with a corporation for its general benefit.

12. Upon abandonment, termination, revocation, or cancellation of this permit, the permittee shall remove within a reasonable time all structures and improvements except those owned by the United States, and shall restore the site, unless otherwise agreed upon in writing or in this permit. If the permittee fails to remove all such structures or improvements within a reasonable period, they shall become the property of the United States, but that will not relieve the permittee of liability for the cost of their removal and restoration of the site.

13. This permit is not transferable. If the permittee through voluntary sale or transfer, or through enforcement of contract, foreclosure, tax sale, or other valid legal proceeding shall cease to be the owner of the physical improvements other than those owned by the United States situated on the land described in this permit and is unable to furnish adequate proof of ability to redeem or otherwise reestablish title to said improvements, this permit shall be subject to cancellation. But if the person to whom title to said improvements shall have been transferred in either manner provided is qualified as a permittee and is willing that his future occupancy of the premises shall be subject to such new conditions and stipulations as existing or prospective circumstances may warrant, his continued occupancy of the premises may be authorized by permit to him if, in the opinion of the issuing officer or his successor, issuance of a permit is desirable and in the public interest.

14. In case of change of address, the permittee shall immediately notify the forest supervisor.

15. The temporary use and occupancy of the premises and improvements herein described may be sublet by the permittee to third parties only with the prior written approval of the forest supervisor but the permittee shall continue to be responsible for compliance with all conditions of this permit by persons to whom such premises may be sublet.

16. This permit may be terminated upon breach of any of the conditions herein or at the discretion of the regional forester or the Chief, Forest Service.

17. In the event of any conflict between any of the preceding printed clauses or any provisions thereof and any of the following clauses or any provisions thereof, the following clauses will control.

18. (A.6.) Late Payment Interest Charge

Pursuant to the Federal Claims Collection Act of 1966, as amended, 31 USC 3101, et seq., and regulations at 7 CFR Part 3, Subpart B, an interest charge shall be assessed on any payment not made by the payment due date. Interest shall be assessed using the most current rate prescribed by the United States Department of the Treasury's Fiscal Requirements Manual (TFRM-6-8020.20). Interest shall accrue from the date the payment was due. In addition, the cost of processing and handling the overdue payment shall be added to the amount due.

A penalty of 6 percent per year shall be assessed on any payment overdue in excess of 90 days from the payment due date.

Payments will be credited on the date received by the designated collection officer or deposit location. If the payment due date(s) falls on a nonworkday, the interest and penalty charges shall not apply until the close of business of the next workday.

19. (A.9.) Fees

The fees due the United States for this use shall be deposited with the Unit Collection Officer, Challis National Forest, P.O. Box 404, Challis, ID 83226, in the form of check, draft, or money order made payable to "Forest Service, USDA" and shall be \$25.00 beginning January 1, 1986. The annual flat fee will be \$25.00 which is due in advance on January 1 of each year and is not subject to refund. Fee may change based on transaction evidence.

20. (B.8.) Indemnification of United States

The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of National Forest lands under this permit.

21. (B.31.) Area Maintenance

The permitted area will be maintained to present a clean, neat, and orderly appearance. Trash, debris, unusable machinery, improvements, etc., will be disposed of currently. Building materials, firewood, etc., will be neatly stacked.

22. (B.34.) Refuse Disposal

The holder shall dispose of refuse resulting from this use, including waste materials, garbage, and rubbish of all kinds in the following manner: Remove all refuse and dispose to an approved county disposal site only. :

23. (D.3.) Esthetics

The holder shall protect the scenic esthetic values of the area under this permit, and the adjacent land, as far as possible with the authorized use, during construction, operation, and maintenance of the improvements.

24. (D.4.) Surveys, Land Corners

The holder shall protect, in place, all public land survey monuments, private property corners, and Forest boundary markers. In the event that any such land markers or monuments are destroyed in the exercise of the privileges authorized by this permit, depending on the type of monument destroyed, the holder shall see that they are reestablished or referenced in accordance with (1) the procedures outlined in the "Manual of Instructions for the Survey of the Public Land of the United States," (2) the specifications of the county surveyor, or (3) the specifications of the Forest Service.

Further, the holder shall cause such official survey records as are affected to be amended as provided by law. Nothing in this clause shall relieve the holder's liability for the willful destruction or modification of any Government survey marker as provided at 18 U.S.C. 1858.

25. (D.20.) Range Management

Control of stock distribution through salting, feeding, or other means shall be in accordance with Forest Service instructions as specified in this permit.

26. (D.21.) Grazing, Animal-Month Limitation

The holder is authorized to graze 3 cattle/horses/sheep between June 15 and September 15, not to exceed 9 animal months of total use.

27. (D.22.) Livestock Control

No stock under the holder's control shall be allowed to run at large.

28. (E.3.) Short-term Use

This special-use authorization is issued for the period ending December 31, 1996.

29. (X.6.) Mineral, Oil, Gas Rights

This permit is subject to the rights and privileges granted in mineral, oil, or gas leases covering this land which have been issued by an authorizing agency of the United States, and this permit does not authorize the prevention or obstruction of the reasonable exercise of the rights and privileges granted by said mineral, oil, or gas leases.

30. (X.19.) Area Access

The holder agrees to permit the free and unrestricted access to and upon the premises at all times for all lawful and proper purposes not inconsistent with the intent of the permit or with the reasonable exercise and enjoyment by the holder of the privileges thereof.

31. (X.33.) Improvement Relocation

This permit is granted with the express understanding that should future location of United States Government-owned improvements or road rights-of-way require the relocation of the holder's improvements, such relocation will be done by, and at the expense of, the holder within a reasonable time as specified by the authorized officer.

32. (X.50.) User Agreements

The holder will reduce to writing all of its agreements with authorized users of the facilities covered by this permit, specifying therein, as a separate item, the rental and service charge for the use of said facilities, and will furnish a true copy of each such agreement and any changes therein to the authorized officer.

33. (X.70.) Grazing, Complying with State Livestock Laws

Owners of all livestock grazed under permit must comply with the State livestock laws.

34. (X.123.) The permittee and the Forest Service shall jointly prepare an operations plan covering the activities and the operation of facilities under provisions of this special use permit.

The provisions of the operations plan and any revisions thereto will become a part of this permit and will be signed by the Forest Supervisor and the permittee or his designated representative.

PRIVATE ROAD SPECIAL-USE PERMIT

REMOVED

MAY 23 1994

Robert W. Keefer of P.O. Box 593, Challis, ID 83226
(hereafter called the Permittee) is hereby authorized to use National Forest lands for the construction, reconstruction, maintenance, and use of a road within the Challis National Forest for the following purposes:
Grant private use of existing road for access to private land tract. Exclusive use to include 66 ft. R.O.W. and 1210 ft., beginning at the intersection of Forest Road 40-070 and ending at the permittee's private land boundary.

The lands covered by this permit are located in the County of Custer, State of Idaho, and are described as follows:

Within SW1/4, Sec. 28, T14N, R18E, B.M.

This permit covers a right-of-way 0.23 miles in length, 66 feet in width, containing approximately 1.8 acres, and is located upon the ground according to the survey line, figures, measurements, widths, and other references shown on the map or plat attached hereto and made a part hereof.

This permit is made subject to the following terms, provisions, and conditions:

1. This permit is subject to all existing easements and valid rights existing on this date.
2. The Permittee in exercising the privileges granted by this permit shall comply with all applicable State and Federal laws, Executive Orders, and Federal rules and regulations, and shall comply with all State standards for public health and safety, environmental protection, and siting construction, operation, maintenance of or for rights-of-way for similar purposes if those standards are more stringent than applicable Federal standards.
3. The Permittee shall cut no timber except as authorized by construction stipulations or maintenance agreements.
4. The Permittee shall provide maintenance so that no damage occurs on adjacent National Forest land. The Permittee shall construct and maintain lead-off drainage and water barriers as necessary to prevent erosion.
5. Permittee shall pay the United States for all injury, loss, or damage, including fire suppression costs, in accordance with Federal and State laws.
6. Permittee shall indemnify the United States for any and all injury, loss, or damage, including fire suppression costs the United States may suffer as a result of claims, demands, losses, or judgments caused by the Permittee's use or occupancy under this easement.

7. Permittee shall pay annually in advance a sum determined by the Forest Service to be the fair market value of the use rights granted by this easement. The initial payment is set at \$25.00 for the remainder of the calendar year. Subsequent payments shall be in the amount of \$25.00 for each calendar year until further notice. The Forest Service may adjust the amount of payment annually by an appropriate factor to reflect more nearly the fair market value of the use, but at 10-year intervals the Forest Service shall review the fee and adjust the fee as necessary to assure that the fee is commensurate with the value of the rights and privileges authorized as determined by appraisal or other sound business management principles. Failure of the Permittee to make the annual payment shall cause the easement to terminate.

8. The Permittee shall pay an interest charge of any fee amount not paid by the payment due date.

Interest shall be assessed using the most current rate prescribed by the United States Department of Treasury Fiscal Requirements Manual (TFRM-6-8020.20). Interest shall accrue from the date the fee payment was due. In addition, certain processing and handling administrative costs may be assessed in the event the account becomes delinquent and added to the amounts due.

A penalty of 6 percent per year shall be assessed on any fee amount overdue in excess of 90 days from the due date of the first billing.

Payments will be credited on the date received by the designated collection officer or deposit location. If the due (date(s) for any of the above payments or fee calculation statements fall on a nonworkday, the charges shall not apply until the close of business of the next workday.

9. All construction or reconstruction of the road shall be in accordance with plans, specifications, and written stipulations approved by the Forest Service prior to beginning such construction or reconstruction.

10. The Permittee shall repair fully all damage to National Forest roads and trails caused by the exercise of the privileges granted by this permit.

11. The United States may use the roads without cost for all purposes deemed necessary or desirable in connection with the protection and administration of the lands or resources of the United States, provided that it will use the road for commercial hauling purposes, other than the removal of timber cut in construction or maintenance of the road or other occasional incidental use, only after arranging to pay or perform its pro rata share of road maintenance.

12. The Forest Service alone may extend rights and privileges for use of the road constructed on the premises to other non-Federal users provided that such users shall pay a fair share of the current replacement cost less depreciation of the road to reconstruct the road as necessary to accommodate their use.

13. The Forest Service retains the right to occupy and use the right-of-way and to issue or grant rights-of-way for land uses, for other than road purposes, upon, over, under, and through the permit area provided that the occupancy and use do not interfere unreasonably with the rights granted herein.

14. The Forest Service shall have the right to cross and recross the premises and road at any place by any reasonable means and for any purpose in such manner as does not interfere unreasonably with use of the road.

15. The Permittee shall maintain the right-of-way clearing by means of chemicals only after the Forest Supervisor has given specific written approval. Application for such approval must be in writing and must specify the time, method, chemicals and the exact portion of the right-of-way to be chemically treated.

16. This easement (permit) shall continue for as long as the property served is used for a single-family residence & agricultural purposes provided, and so forth.

17. This permit may be terminated or suspended upon breach of any of the conditions herein or at the discretion of the Regional Forester or the Chief, Forest Service.

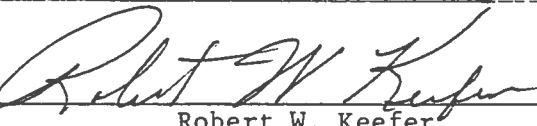
18. Upon termination of this special-use authorization, the Permittee shall remove within a reasonable time the structures and improvements and shall restore the site to a condition satisfactory to the authorized officer, unless otherwise waived in writing or in the authorization. If the Permittee fails to remove the structures or improvements within a reasonable period, as determined by the authorized officer, they shall become the property of the United States. But this does not relieve the Permittee's liability for the removal and site restoration costs.

In Witness Whereof, the parties hereto have caused this permit to be duly executed on this 15th day of September, 1986.

Permittee

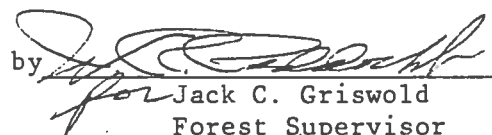
USDA - Forest Service

by



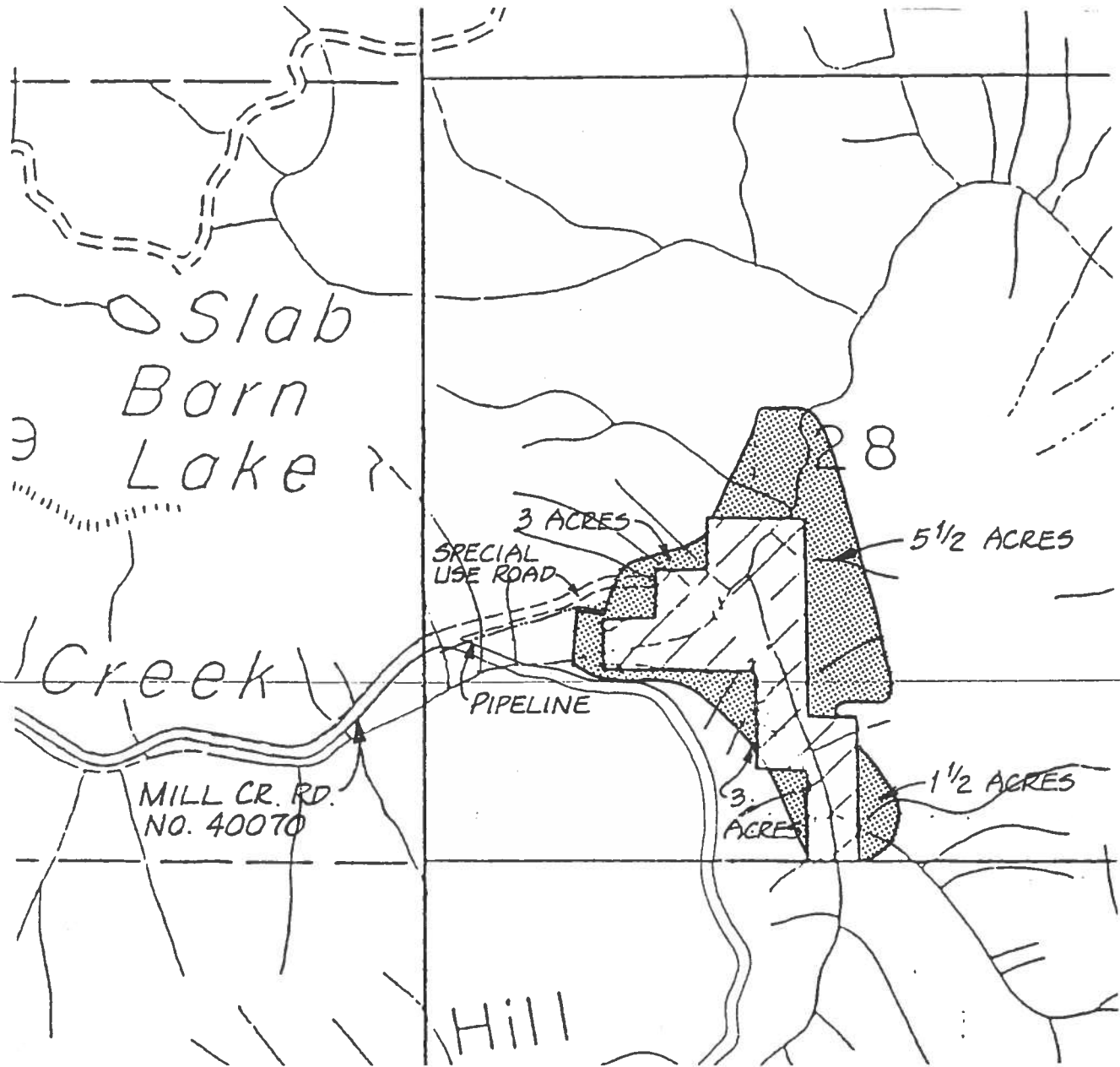
Robert W. Keefer
Landowner

by



for Jack C. Griswold
Forest Supervisor
Challis National Forest

KEEFER'S SPECIAL USE



SECTION 25, T. 14 N.,
R. 18 E., B.M.

■ EXISTING USE OR FENCE

9/4/86 J. HAGEN/BAJ

SPECIAL USE PERMIT

~~Act of June 4, 1897~~ October 1976
This permit is revocable and nontransferable
(Ref. FSM 2710)

a. Record no. (1-2)	b. Region (3)	c. Forest (5-6)
70	Q4	Q6
d. District (7-8)	e. User number (9-12)	f. Kind of use (13-15)
02	5100	913
g. State (16-17)	h. County (18-20)	k. Card no. (21)
16	037	1

Permission is hereby granted to Robert W. Keefer
of P.O. Box 593, Challis, ID 83226,
hereinafter called the permittee, to use subject to the conditions set out below, the following described lands
or improvements:

Within SW1/4, Sec. 28, T14N, R18E, B.M.

This permit covers 0 acres and/or 0.25 miles and is issued for the purpose of:

Permanent use of National Forest System Lands (Mill Creek) for location of gravity fed irrigation pipeline, located 25' from center line of Mill Creek Road and $\pm$ 15' from center of private road, for a distance of 1310 feet to private land boundary. Permittee has an approved Road Special-Use Permit which authorizes his use of his road across government land.

1. Construction or occupancy and use under this permit shall begin within months, and construction, if any, shall be completed within months, from the date of the permit. This use shall be actually exercised at least 365 days each year, unless otherwise authorized in writing.

2. In consideration for this use, the permittee shall pay to the Forest Service, U.S. Department of Agriculture, the sum of (See Clause 19) Dollars (\$) for the period from 19, to 19, and thereafter annually on Dollars (\$):

Provided, however, Charges for this use may be made or readjusted whenever necessary to place the charges on a basis commensurate with the value of use authorized by this permit.

3. This permit is accepted subject to the conditions set forth herein, and to conditions 18 to 28 attached hereto and made a part of this permit.

PERMITTEE	NAME OF PERMITTEE	SIGNATURE OF AUTHORIZED OFFICER	DATE
	Robert W. Keefer	Adjacent Landowner	9-15-86
ISSUING OFFICER	NAME AND SIGNATURE	TITLE	DATE
	Jack C. Griswold	Forest Supervisor	10-2-86

4. Development plans; layout plans; construction, reconstruction, or alteration of improvements; or revision of layout or construction plans for this area must be approved in advance and in writing by the forest supervisor. Trees or shrubbery on the permitted area may be removed or destroyed only after the forest officer in charge has approved, and has marked or otherwise designated that which may be removed or destroyed. Timber cut or destroyed will be paid for by the permittee as follows: Merchantable timber at appraised value; young-growth timber below merchantable size at current damage appraisal value; *provided* that the Forest Service reserves the right to dispose of the merchantable timber to others than the permittee at no stumpage cost to the permittee. Trees, shrubs, and other plants may be planted in such manner and in such places about the premises as may be approved by the forest officer in charge.

5. The permittee shall maintain the improvements and premises to standards of repair, orderliness, neatness, sanitation, and safety acceptable to the forest officer in charge.

6. This permit is subject to all valid claims.

7. The permittee, in exercising the privileges granted by this permit, shall comply with the regulations of the Department of Agriculture and all Federal, State, county, and municipal laws, ordinances, or regulations which are applicable to the area or operations covered by this permit.

8. The permittee shall take all reasonable precautions to prevent and suppress forest fires. No material shall be disposed of by burning in open fires during the closed season established by law or regulation without a written permit from the forest officer in charge or his authorized agent.

9. The permittee shall exercise diligence in protecting from damage the land and property of the United States covered by and used in connection with this permit, and shall pay the United States for any damage resulting from negligence or from the violation of the terms of this permit or of any law or regulation applicable to the National Forests by the permittee, or by any agents or employees of the permittee acting within the scope of their agency or employment.

10. The permittee shall fully repair all damage, other than ordinary wear and tear, to national forest roads and trails caused by the permittee in the exercise of the privilege granted by this permit.

11. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this agreement or to any benefit that may arise herefrom unless it is made with a corporation for its general benefit.

12. Upon abandonment, termination, revocation, or cancellation of this permit, the permittee shall remove within a reasonable time all structures and improvements except those owned by the United States, and shall restore the site, unless otherwise agreed upon in writing or in this permit. If the permittee fails to remove all such structures or improvements within a reasonable period, they shall become the property of the United States, but that will not relieve the permittee of liability for the cost of their removal and restoration of the site.

13. This permit is not transferable. If the permittee through voluntary sale or transfer, or through enforcement of contract, foreclosure, tax sale, or other valid legal proceeding shall cease to be the owner of the physical improvements other than those owned by the United States situated on the land described in this permit and is unable to furnish adequate proof of ability to redeem or otherwise reestablish title to said improvements, this permit shall be subject to cancellation. But if the person to whom title to said improvements shall have been transferred in either manner provided is qualified as a permittee and is willing that his future occupancy of the premises shall be subject to such new conditions and stipulations as existing or prospective circumstances may warrant, his continued occupancy of the premises may be authorized by permit to him if, in the opinion of the issuing officer or his successor, issuance of a permit is desirable and in the public interest.

14. In case of change of address, the permittee shall immediately notify the forest supervisor.

15. The temporary use and occupancy of the premises and improvements herein described may be sublet by the permittee to third parties only with the prior written approval of the forest supervisor but the permittee shall continue to be responsible for compliance with all conditions of this permit by persons to whom such premises may be sublet.

16. This permit may be terminated upon breach of any of the conditions herein or at the discretion of the regional forester or the Chief, Forest Service.

17. In the event of any conflict between any of the preceding printed clauses or any provisions thereof and any of the following clauses or any provisions thereof, the following clauses will control.

18. (A.6.) Late Payment Interest Charge

Pursuant to the Federal Claims Collection Act of 1966, as amended, 31 USC 3101, et seq., and regulations at 7 CFR Part 3, Subpart B, an interest charge shall be assessed on any payment not made by the payment due date. Interest shall be assessed using the most current rate prescribed by the United States Department of the Treasury's Fiscal Requirements Manual (TFRM-6-8020.20). Interest shall accrue from the date the payment was due. In addition, the cost of processing and handling the overdue payment shall be added to the amount due.

A penalty of 6 percent per year shall be assessed on any payment overdue in excess of 90 days from the payment due date.

Payments will be credited on the date received by the designated collection officer or deposit location. If the payment due date(s) falls on a nonworkday, the interest and penalty charges shall not apply until the close of business of the next workday.

19. (A.9.) Fees

The fees due the United States for this use shall be deposited with the Unit Collection Officer, Challis National Forest, P.O. Box 404, Challis, ID 83226, in the form of check, draft, or money order made payable to "Forest Service, USDA" and shall be \$25.00 beginning January 1, 1986. The annual flat fee will be \$25.00 which is due in advance on January 1 of each year and is not subject to refund. Fee may change based on transaction evidence.

20. (B.8.) Indemnification of United States

The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of National Forest lands under this permit.

21. (B.26.) Health, Safety, and Environmental Protection

Holder shall take all measures necessary to protect the health and safety of all persons affected by its activities performed in connection with the construction, operation, maintenance, or termination of the right-of-way, and shall promptly abate as completely as possible any physical or mechanical procedure, activity, event, or condition, existing or occurring at any time: (1) that is susceptible to abatement by the holder, (2) which arises out of, or could adversely affect the construction, operation, maintenance, or termination of all or any part of the gravity fed irrigation pipeline, and (3) that causes or threatens to cause: (a) a hazard to the safety of workers or to public health or safety, or (b) serious and irreparable harm or damage to the environment (including but not limited to areas of vegetation or timber, fish or other wildlife populations, or their habitats, or any other natural resource). Holder shall immediately notify the authorized officer of all serious accidents which occur in connection with such activities.

22. (B.31.) Area Maintenance

The permitted area will be maintained to present a clean, neat, and orderly appearance. Trash, debris, unusable machinery, improvements, etc., will be disposed of currently. Building materials, firewood, etc., will be neatly stacked.

23. (D.9.) Revegetation, Surface Restoration of Ground Cover

Holder shall be responsible for prevention and control of soil erosion and gullyng on lands covered by this permit and adjacent thereto, resulting from construction, operation, maintenance, and termination of the permitted use. Holder shall so construct permitted improvements to avoid the accumulation of excessive heads of water and to avoid encroachment on streams. Holder shall revegetate or otherwise stabilize all ground where the soil has been exposed and shall construct and maintain necessary preventive measures to supplement the vegetation.

24. (E.2.) Long-term Use

Unless sooner terminated or revoked by the authorized officer, in accordance with the provisions of the authorization, this authorization shall expire and become void on December 31, 1996, but a new special-use authorization to occupy and use the same National Forest System land may be granted provided the holder will comply with the then-existing laws and regulations governing the occupancy and use of National Forest lands and shall have notified the authorized officer not less than three months prior to said date that such new authorization is desired.

25. (X.33.) Improvement Relocation

This permit is granted with the express understanding that should future location of United States Government-owned improvements or road rights-of-way require the relocation of the holder's improvements, such relocation will be done by, and at the expense of, the holder within a reasonable time as specified by the authorized officer.

26. (X.42.) Subleasing, Requirements

~~The holder, in the exercise of the privileges granted by this permit, shall~~ require that employees, sublessees, contractors, subcontractors, or renters and their employees comply with all applicable conditions of this permit and that the conditions of this permit be made a part of all subleases, contracts, subcontracts, or rental agreements. This clause shall not be construed as authorizing such subleases, contracts, subcontracts, or rental agreements unless specifically authorized elsewhere in the permit.

27. (X.49.) Nonexclusive Use

This permit is not exclusive; that is, the Forest Service reserves the right to use or permit others to use any part of the permitted area for any purpose, provided such use does not interfere with the rights and privileges hereby authorized.

28. (X.74.) Water Rights

This permit confers no right to the use of water by the holder.

R PROOF



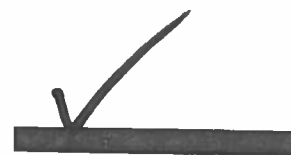
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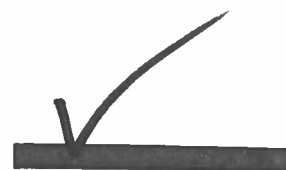
MAPS



PHOTOS



MISC



Water Right Number - R72-10130

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - - - + - - - - Address - - - - +
*** C - CURRENT OWNER ***
SPLIT RIGHT

*** 0 - ORIGINAL OWNER ***
KEEFER NIDA
1 - P.O. BOX 2454
2 -
3 -
City- X
Phone - 208-000-0000
State- ID Zip- 0

KEEFER ROBERT W.
1 - P.O. BOX 593
2 -
3 -
City- CHALLIS
Phone - 208-879-4339
State- ID Zip- 83326

+ - - Priority Date - - + + - - - Region - - - - + + - - - Stage - - - - + + - - - Status - - - - +
05/01/1879 17 SOUTHERN Z - SEE REMARKS

+ - - - - Source - - - - - + - - - - Tributary - - - - - +
MILL CREEK
SPLIT RIGHT CHALLIS CREEK

+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot Rflg County
14N 18E 28 SW NW SW (37) CUSTER

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 04/01 11/01 1.000
+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
1.000 87.5

+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
14N 18E 28 NE SW 23.0 01 IRRIGATION (37) CUSTER
14N 18E 28 SE SW 5.0 01 IRRIGATION (37) CUSTER
14N 18E 28 SW SE 7.0 01 IRRIGATION (37) CUSTER

Total Acres: 35.0

+ - - Diversion Means - ROCK DAM WITH GRAVITY FLOW PIPE AND SPRINKLER SYSTEM.

Water right number - R72-10130

Prefix Translation: RESEARCH

+ - - Non-Irrigation Use - NONE

+ - - Other Rights for Same Use - NONE

Remarks
THIS RIGHT HAS BEEN SPLIT INTO PARTS A & B.
PART A - 13.5 ACRES OWNED BY KEEFER'S
PART B - 6.5 ACRES IRRIGATED ON FED. LAND UNDER SPECIAL USE
PERMIT TO U.S.F.S.

+ - - No Old Water Right Numbers Found

+ - - Conditions of Approval
No Conditions of Approval found.

+ - - Decree Plaintiff

+ - - Decree Defendant

+ - Decree Date
00/00/0000+ - - Comments
No Comments Found+ - - Audit Fields
05/19/94, ROBERTSO

Adjudication Rights Dates and Flags Area		Civil Case Number
Court Report Filing	- 00/00/0000	- 39576
Objection Filed Date	- 00/00/0000	-
Response Filed Date	- 00/00/0000	-
Claim Received Date	- 01/18/1990	-
Field Inspection Made	- 00/00/0000	-
Field Inspection Flag	-	-
Verified Date	- 05/19/1994	-
Last Amended Date	- 00/00/0000	- P
Receipt Number	- C014071	-
POU Ownership Flag	- Y	-
Name Connector	- AND/OR	-
Federal/State Indicator	- S	-
Presumption Flag	-	-
Notice of Error Flag	-	-

Old (D) Number -

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State- ID zip- 83403

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Total Consumptive Use	-	+	-	KW Usage	-	+
						33.7

(37) CUSTER

13.5

Remarks
RIGHTS LISTED BELOW ARE DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 0.35 CFS (capacity of diversion system). RIGHT NOS.: 72-10130A & 72-10130B.

Water right number - R72-10130A Prefix Translation: RESEARCH

+ - - - - Old Water Right Numbers - - - - - +
+ - - - - Old Water Right Numbers - - - - - +
No Old Water Right Numbers Found

+ - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.

+ - - - - Decree Plaintiff - - - + - - - - Decree Defendant - - - + - - - - Decree Date - +
00/00/0000

+ - - - - Comments - - - - - +
Date: 05/19/1994 User Id: ROBERTSO Subject: PORTION OF SPLIT RIGHT
72-10130 was split to separate the acres irrigated on private land from those on USFS land. This right represents the 13.5
acres on private land.

+ - - Audit Fields - - +
05/19/94 ROBERTSO

+ - - - - Adjudication Rights Dates and Flags Area - - - - - +
Court Report Filing - 00/00/0000 Field Inspection Made - 08/13/1993 Civil Case Number - 39576
Objection Filed Date - 00/00/0000 Field Inspection Flag - 00/00/0000 Old Judicial District -
Response Filed Date - 00/00/0000 Verified Date - 00/00/0000 Temporary Right - P
Claim Received Date - 01/18/1990 Last Amended Date - 00/00/0000 Water District -
Receipt Number - X777777 Federal/State Indicator - S
POU Ownership Flag - Y Presumption Flag -
Name Connector - AND/OR Notice of Error Flag -

Water Right Number - R72-101308

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
KEEFER
Last Name - + First Name - + Address - +
NIDA
1 - PO BOX 2454
2 -
3 -
City- IDAHO FALLS
Phone - 208-000-0000
1 - PO BOX 593
2 -
3 -
City- CHALLIS
Phone - 208-879-4339
State- ID Zip- 83403

KEEFER
ROBERT W
State- ID Zip- 83326

Priority Date - + 05/01/1879
Region - + 17 SOUTHERN
Stage - + J - BENEFICIAL USE
Status - +

Source - +
MILL CREEK
Tributary - +
CHALLIS CREEK

Twn Rng Sec Tract Lot Rflg County
14N 18E 28 SW NW SW (37) CUSTER
Point of Diversion - +

Code Description Period From Period To Water Use
01 - IRRIGATION 04/15 10/15
Diversion Rate 0.130
Diversion Volume

Total Div. Rate - + 0.130
Total Div. Volume - +
Total Consumptive Use - + 16.3
KW Usage - +

Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
14N	18E	28	NE SW		3.9	01	IRRIGATION	(37) CUSTER
14N	18E	28	SE SW		1.1	01	IRRIGATION	(37) CUSTER
14N	18E	28	NW SE		1.5	01	IRRIGATION	(37) CUSTER

Total Acres: 6.5

- - - Diversion Means - ROCK DAM WITH GRAVITY FLOW PIPE AND SPRINKLER SYSTEM.

- - - Non-Irrigation Use - NONE

- - - Other Rights for Same Use - NONE

Remarks - +
RIGHTS LISTED BELOW ARE DIVERTED THROUGH POINT OF DIVERSION
DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF

Water right number - R72-101308 Prefix Translation: RESEARCH

REMARKS

THESE RIGHTS IS LIMITED TO 0.35 CFS (capacity of diversion system). RIGHT NOS.: 72-10130A, 72-10130B.
PLACE OF USE IS OWNED BY USFS AND USED BY KEEFER UNDER SPECIAL USE PERMIT.

No Old Water Right Numbers Found

Conditions of Approval

No Conditions of Approval found.

Decree Plaintiff - - - + Decree Defendant - - - + Decree Date - - +
00/00/0000

Comments

Date: 05/19/1994 User Id: ROBERTSO Subject: PORTION OF SPLIT RIGHT
72-10130 was split to separate the acres irrigated on private land from those on USFS land. This right represents the 6.5 acres on federal land under Special Use Permit.

Audit Fields - - +
05/19/94 ROBERTSO

Adjudication Rights Dates and Flags Area									
Court Report Filing	-	00/00/0000	Field Inspection Made	-	08/13/1993	Civil Case Number	-	39576	
Objection Filed Date	-	00/00/0000	Field Inspection Flag	-	00/00/0000	Old Case Number	-		
Response Filed Date	-	00/00/0000	Verified Date	-	00/00/0000	Old Judicial District	-		
Claim Received Date	-	01/18/1990	Last Amended Date	-	00/00/0000	Temporary Right	-	P	
			Receipt Number	-	X777777	Water District	-		
			POU Ownership Flag	-	N	Federal/State Indicator	-	S	
			Name Connector	-	AND/OR	Presumption Flag	-		
						Notice of Error Flag	-		

PAGE: 1
GENERAL INFORMATION

STATE OF TEXAS
DEPARTMENT OF WATER RESOURCES
ATtribution CLAIM VERIFICATION REPORT

08-08-09
08/08/09

CLAIM NUMBER: 072-10130

NAME: *delete*
ADDRESS: BOX 2454
CITY: MAUN EATC
PHONE NUMBER: 202-000-0000
NUMBER CODE: 0

FIRST: NITA
STATE: TX ZIP: 68400

NAME: *delete*
ADDRESS: BOX 503
CITY: MAUN EATC
PHONE NUMBER: 202-000-0000
NUMBER CODE: 0

FIRST: *delete*
STATE: TX ZIP: 68400

NAME: *delete*
ADDRESS: BOX 503
CITY: MAUN EATC
PHONE NUMBER: 202-000-0000
NUMBER CODE: 0

FIRST: *delete*
STATE: TX ZIP: 68400

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CONTACT PERSON:

DATE OF FIELD EVAL: 8/13/93

APPROBATION BY:

REAPPROPRIATE TO PLANT:

REPORTING TO BUREAU / BUREAU:

APPROPRIATE WORK Y/N	Y	N	Y	N
TIME:				
PHONE NUMBER:				

Bob Westell met with Claimants 8/13/93. CVR completed by
Jeanie Robertson from Bob's notes. 5/17/94

AT CLAIM: # A72-10120 PRIORITY DATE: 05-01-1979 CWA: 1
 UP RECORD: NO WATER STOP RECORD TO WATER STOP AT CLAIM

FIELD EVALUATED
 YES TO DEPENDENCY NAME DISCREPANCY (Y/N) N

AND WERE OTHERS REASON TO SUSPECT THE DEPENDENCY NAME CLAIMED? Y/N ☒ YES

DEMAND/CO:

Several affidavits submitted by the claimants seem to support the early priority date. I checked the Chellia Sever since Mill Creek is tributary to Chellia Creek, but the decree doesn't seem to apply. I recommend the priority date of 5-1-1879 as claimed.

DEPENDENCY NAME DEPENDENCY NAME

5-1-1879

DEPENDENCY BY

JR

DATE

5/17/94

A. AT CLAIM NUMBER OF DISCREPANCY AND EQUIPMENT:

CLAIM	TYPE	DATE	SEC.	1/4	1/4	1/4	1/4	TOT	CITY
672-10120	14N	10E	28	SW	NE	SW	SW		CLUSTER

NUMBER OF CLAIMS WITH SAME AJ FOR
A PROPERTY
NONE

CLAIMS WITH CORRECTION
TRIP: QUALITY CORRECTION

NO DISCREPANCY OR EQUIPMENT
THERE IS NO WATER RIGHT RECORD WITH THE SAME CLAIM NUMBER

EQUIPMENT: NO EQUIPMENT FOR RECORD
TRIP: NO TRIP/TITLE FOR RECORD

C. FIELD EXAM REQUIREMENTS
DATE TO FOR DISCREPANCY (Y/N)
DATE TO EQUIPMENT DISCREPANCY (Y/N)
Y
N

Based on Best N outlets field notes, and plotting out the point of diversion on a map as 180' above the road culvert, I recommend the point of diversion as claimed.

DEPARTMENT OF REVENUE (S) OF DISCREPANCY AND EQUIPMENT:
TRIP: 1/4 1/4 1/4 1/4
TOTAL

14N 18E 28 SW NW SW
Custer

COMMENTS: Mill Creek
DATE: 5/17/94
TRIP: Chellis Creek

A72-10130

FILED NAME	DATE	TIME	MARK
FILED NAME	DATE	TIME	MARK

ВЕРХНИЙ
АРТЕС

1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 1799 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1813 1814 1815 1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842 1843 1844 1845 1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933

100

1000

15

44-38861-100

A772-10130

00:55

WJ-V

20.5

1.5.8
13.5 - Part A

ARE THERE ANY OTHER INITIAL TREATMENTS OTHER THAN TREATMENT ABOVE? YES NO
 IF YES, ARE ANY ATTACHMENT CURR? YES NO
 / 14/ 18 28 MHS 11 = 15 20

(14N 18E 28 AWSL = 1.5 Ac.)

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THE UNIVERSITY OF CHICAGO

БЕЛОРУСЬ
БЕЛОРУСЬ

Figure 1. A schematic diagram of the experimental setup.

[illegible]

3.9 Ac in NE SW, 1.5 Ac in NW SW, and 1.1 Ac in SE SW were found to be in trespass on Forest Service land. Only found a total of 20 Ac irrigated - not 35 as claimed (20 - 6.5 in trespass = 13.5 recommended.) See Coconino County Plat Map for parcel shape. Spoke with Sharon Bradley at F.S. in Challei District Office 879-2285. She said keepers have special permit for open areas, but being phased out is 1995 or 1997 - need to move fences. (See 13.5 Ac.)

ATTC

20 Ac $\begin{cases} \text{Part A} & 13.5 \text{ Ac} \\ \text{Part B} & 6.5 \text{ Ac} \end{cases}$

BY THE COURT:



T. A. T.

5/18/94

5/18/94: Spoke again with Sharon Bradley (see conversation memo) and decided to reassign the entire OD area found inspected. I will split the night into Part A & B. Part A - 13.5 Hours owned by Keifers.

1.1-
1.5
3.9
6.5 in the open (under special blue permit)
Part A - 1.3.5 Areas owned by Koopers.
Part B - 6.5 Areas on Fed. land under special blue permit.

DATE: 6
REFERENCE: 877-10120

PLATE NUMBER: 877-10120

A AT PLATE NO. 1195
REFERENCE: 877-10120
EXPIRATION DATE: 04-01 TO 11-01

TOTAL PRODUCTION RATE/UNIT PLATE

PRODUCTION QUANTITY
1,000 CPS
1,000 CPS

B THE REQUIRED INFO:
REFERENCE:

MONTH/DAY

PRODUCTION QUANTITY

PRODUCTION PLANT:

C ITEM EVALUATION REQUIRED?

DATE: 04-01
EVALUATION

YES TO EVALUATION REQUIRED? (Y/N)
YES TO PRODUCTION DATE EVALUATION? (Y/N)
YES TO PRODUCTION EVALUATION? (Y/N)

D. PRODUCTION OF INFO:

REFERENCE: 877-10120

REFERENCE TO THE STANDARDS OF OTHERS

YES) NO)
YES) NO)

Explain in parentheses below:

new standard period of use: 4/15 - 10/15

2014.11.22

232 233 234 235

ml/A

PTEN
TATAPACE PY-MTACT

4

СРЕДЪ АЛТАРИИТЕ НА СЪВЪСТА

(system capacity = 0.35 for all 20 areas)

СОВЕТСКИЕ И ТАТРСКИЕ ПИСАТЕЛИ

ITCZ AT TROPIC CANE ONI GIVE NOT ICEST FOR TWENTYTHREE

KATHY ALLEN

6-6144 77-27 FURN

0202 0100

1170

1

1. IRRIGATION RATE
 ACRE 13.5
 IRRIGATION RATE = 13.5 ACRE / 0.02 CFS/ACRE = 27 Part A
 6.5 x 0.02 = 0.13 Part B
 THERE AROUND 0.13 CFS/ACRE
 DATE/NUMBER CLAIM ATTORNEY: (IRRIGATION)
 CLAIM ATTORNEY

ALL THE ABOVE ADDITIONAL WATER USED FROM PUMP AND ATTACHED V () M/V ()

2. IRRIGATION CONSUMPTION USE

ACRE 13.5
 TOTAL CONSUMPTION USE 33.75 ACRE 2.5
 6.5 x 2.5 = 16.25 Part A
 Part B

3. IRRIGATION CONSUMPTION VOLUME

ACRE 13.5
 TOTAL IRRIGATION VOLUME 33.75 ACRE 2.5
 6.5 x 2.5 = 16.25 Part A
 Part B

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET V () M/V ()

REMARKS (Include limitations on consumption use for combined fields.)

E08

N/A

DEPARTMENTAL

REF. NUMBER

REF. NUMBER

REF. DATE

REF. DATE

REF. DATE

IRIS.

4/15 10/15

.27 Part A

N/A

33.8

4/15 10/15

.13 Part B

N/A

16.3

REPORT BY:

R

DATE:

5/17/94

A. CHECK ONLY THE FOLLOWING THAT APPLY:

CHURCH
PROPERTY/DEVELOPMENT
ADDITIONAL DTU AMOUNT

ACCREDITED
AS CLAIMED
()
()
()
()
NEEDS
REVIEW
()
()
()
()

B. CREDIT WATER RIGHT DEBITED

WATER RIGHT NUMBER: 72-10130
TOTAL DEBITED RATE OF UP CREDIT

DATABASE

EVALUATED

CPS

C. CREDIT

UP RIGHT
NUMBERS

CURRENT
PLATE NUMBERS

DEBITED
RATE

CURRENT "B"
PLATE NUM.

"B" DTU
RATE

UP RIGHT
NUMBERS

DEBITED
RATE

72-10130

1.000

1.000

-

DEBITED RATE DEBITED

TOTAL CPS

1.000

DATABASE

FIELD
EXAMINER

NO THE SUM OF RATE OF THE SPLITTS EQUAL THE TOTAL DEBITED RATE OF (V/M)

M

REMARKS:

N/A

ADMINISTRATOR:

SIGNATURE:

NAME OF FIELD EXAMINER:

DATE:

TITLE:

5/17/94
Water Right Agent

STATUS OF TRAIL
 REPARATION OF WATER RESOURCES
 AMBITION PLAIN REPARATION REPORT

09-00-01
 06/06/07

PLANT NUMBER: 073-10120

NAME & ADDRESS

NAME & ADDRESS

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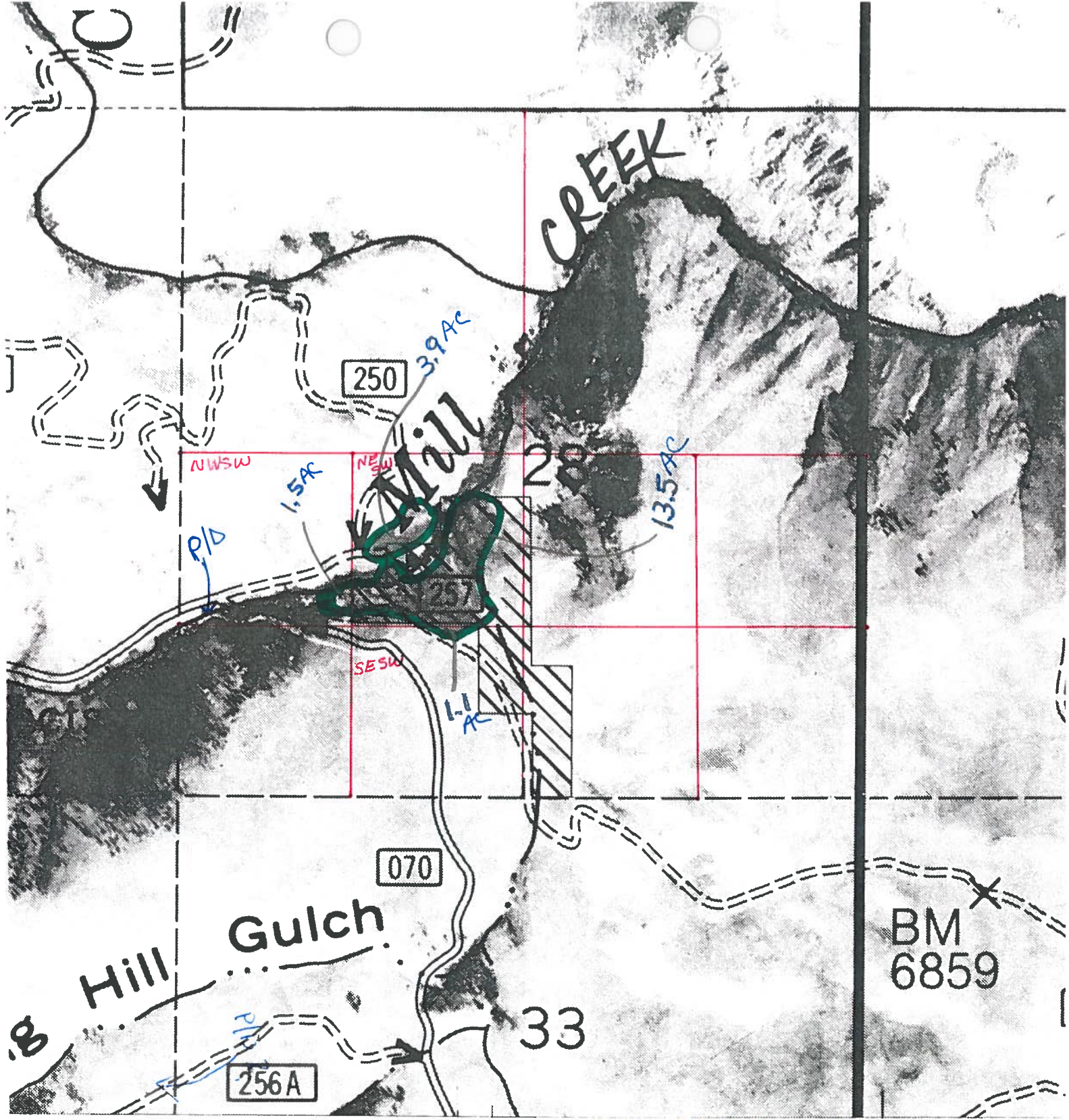
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orthophoto quad T74
 enlarged 200%
 Twin Peaks SE
 photogrammetric methods
 field check 1956

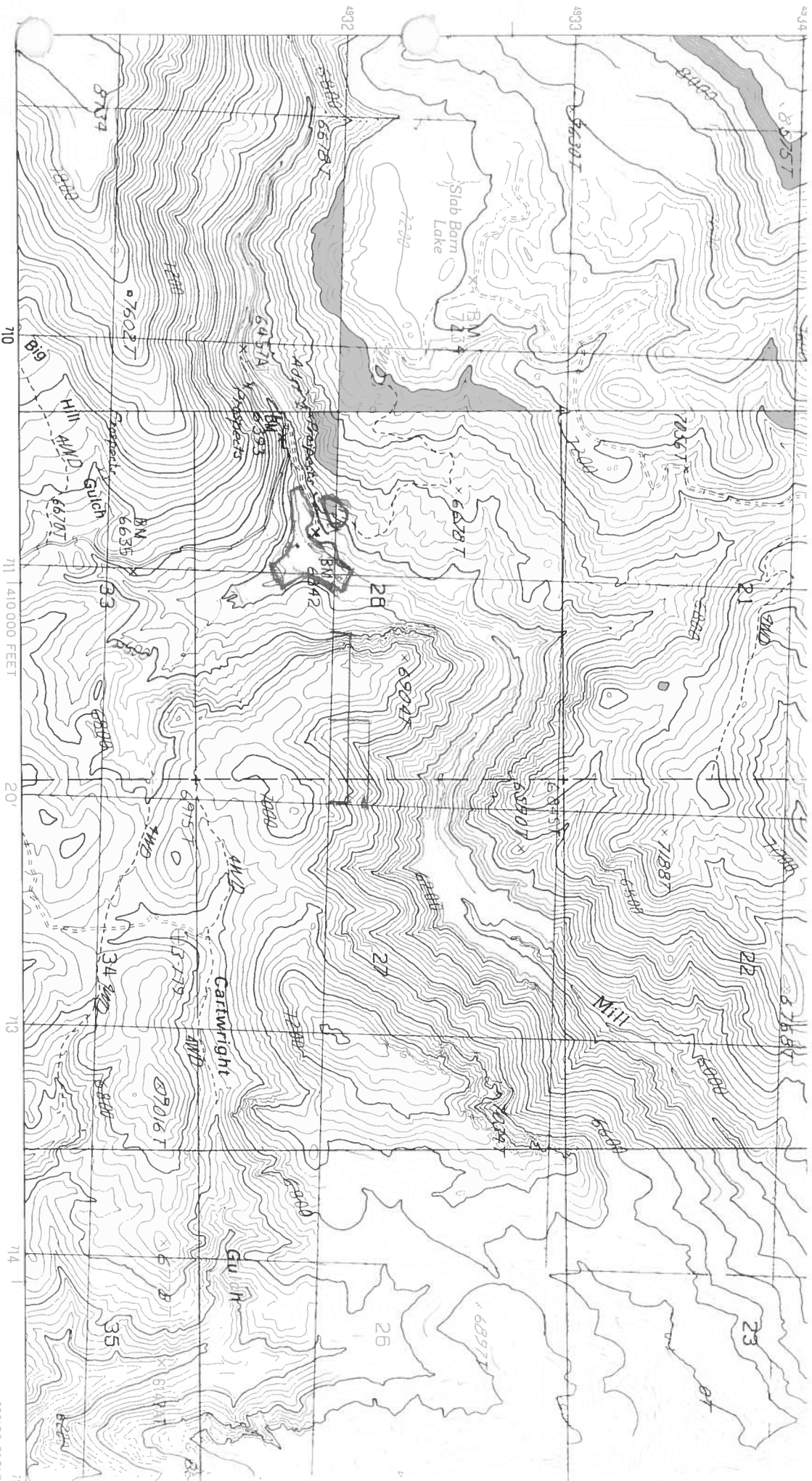
Irrigated Acres: 20'
 NWSW 1.5 - Fed
 NESW 3.9 - Fed
 NESW 13.5 - Private
 SESW 1.1 - Fed
 20.0 Ac.
 P/D in NW SW



7-1-88

B1

BLM 2470-PPAC
5-70-23
7/1/88



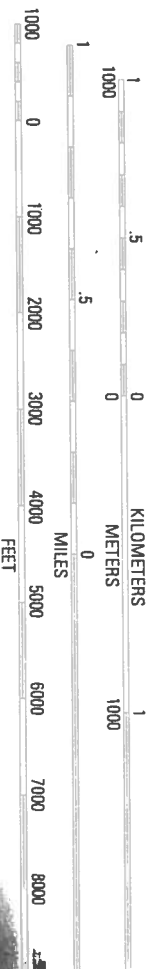
PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1984 AND 1985
FIELD CHECKED 1986. MAP EDITED 1989
PROJECTION TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 11
10,000 FOOT STATE GRID TICKS IDAHO, CENTRAL ZONE
UTM GRID DECLINATION 16°30' EAST
1989 MAGNETIC NORTH DECLINATION 1°53' EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983,
move the projection lines as shown by dashed corner ticks
(13 meters north and 72 meters east)
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map
No distinction made between houses, barns, and other buildings
Where omitted, land lines have not been established

PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
photography.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

CONTOUR INTERVAL 40 FEET

SCALE 1:24 000



To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by .3048

U²⁰_{MS}

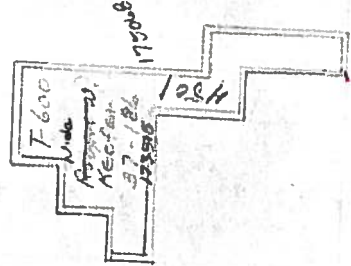
21

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• U²⁹_{MS}

28

27



T14N R18E

Custer County Plat Map

A72-10/30



R15-2
8/13/93

Keefe Diversion point from Mill Creek
Diversion box with orifice plate measurement

Flows into 6" dia
Spiral wound steel pipe



Close up view of Diversion
Box - Significant velocity
of approach.

R15-3
8/13/93

Measurement Analysis

R

from Hubble Report: p. 31, figure A-7

$$\text{equation 10: F.I.R.} = 4.2 \frac{\text{C.U.}}{\text{F.A.E.}}$$

F.I.R. - Field Irrigation Requirement

C.U. - Consumptive Use = .23

F.A.E. - Field Application Efficiency = 60%

$$\underline{0.016 \text{ cfs/acre}} = 4.2 \frac{.23}{60}$$

$$40 \text{ sprinklers} \times 3.96 \text{ gpm/per sprinkler} = \frac{158.4 \text{ gpm}}{448.8 \text{ gpm}} = 0.35 \text{ cfs}$$

(system capacity)

III. Procedure for Determining On-Farm Irrigation Requirement

The on-farm irrigation requirement is a function of: 1) field application efficiency and 2) crop consumptive use. It can be determined with the following equation:

$$F.I.R. = 4.2 \frac{C.U.}{F.A.E.} \quad \text{Eq. 10}$$

Where: F.I.R. = on-farm irrigation requirement
(cfs/ac)
F.A.E. = field application efficiency (%)
C.U. = consumptive use rate (in/day)
4.2 = factor to convert units

For example, if the consumptive use is 0.25 in/day, the field application efficiency is 50%, the on-farm irrigation requirement is computed as follows:

$$F.I.R. = 4.2 \frac{0.25}{50} = 0.021 \text{ cfs/ac}$$

A. Field Application Efficiency

Guidelines for determining field application efficiency were presented in Section II.

B. Procedure for Determining Consumptive Use

The moisture used by plants in transpiration and growth plus the moisture that evaporates directly from the surface of the soil is called consumptive use. "Transpiration is the process by which water is removed from the soil by a plant, moved through the plant to the leaves, and lost to the atmosphere in vapor form. For irrigation, the moisture used in plant growth and that retained by the plant is included."²² "Evaporation is the diffusion of water as a vapor from a surface into the atmosphere. Factors that affect the rate of evaporation are the nature of the evaporating surface and differences in vapor pressure as determined by temperature, wind, and

²²USDA, SCS, National Engineering Handbook, Section 15, Chapter 1, p 1-35.

EFFICIENCY OF CONTOUR DITCH IRRIGATION¹

EFFICIENCY (Percent)

Flood Intake Family	Land Slope %				
	1-2	2-4	4-8	8-16	16-32
.1	8	5	4	3	2
.3	21	15	11	8	5
.5	26	18	13	9	6
1.0	54	38	39	20	13
1.5	55	55	39	28	15
2.0	53	55	50	37	25
3.0	52	55	58	52	35

SPRINKLER IRRIGATION EFFICIENCIES²

Type Sprinkler	Efficiency Range
Periodic Move Lat.	FAE 60-85%
Gun/Boom Sprinkler	50-75%
Fixed (solid set)	60-88%
Traveling Sprinkler	55-77%
Center Pivot	75-88%
Lateral Move	80-90%

¹Based on Table X, CONTOUR DITCH IRRIGATION, page 33, Irrigation Guide for Southern and Southeastern Idaho, 1970 (Rev.), U. S. Department of Agriculture, Soil Conservation Service, Boise, Idaho, with a net irrigation application of 3 inches and moderately smooth topography conditions.

²U. S. Department of Agriculture, Soil Conservation Service, National Engineering Handbook, Section 15, IRRIGATION, Chapter 11, Sprinkle Irrigation, USDA, Soil Conservation Service, Washington, D.C., 1983, 121 pp., p. 11-25.

Est. QJ and CIR.		Challis		(Allen & Brockway, 1983)						mm/day and mm/season	
MO	NYRS	PREC	ETR	ALFII.	SILGE	POTAT	SGRAN	WGRAN	PAST.		
AVE ET	3	49	.38	1.27							
AVE IR	3	49	100.00							.41	
STDD ET	3	49	.29	.39						.25	
STDD IR	3	49	100.00							.12	
STDD ET	3	49	1.98	.23						.21	
STDD IR	3	49	100.00							.23	
AVE ET	4	49	.60	4.35	1.59		1.31	3.20	1.77		
AVE IR	4	49	93.88		1.28		1.05	2.88	1.47		
STDD ET	4	49	.42	.48	.18		.14	.35	.20		
STDD IR	4	49	93.88		.35		.29	.49	.36		
STDD ET	4	49	.70	-.10	-.10		-.10	-.10	-.10		
STDD IR	4	49	93.88		-.43		-.44	-.22	-.39		
AVE ET	5	48	1.11	5.89	5.26	1.77	2.10	5.82	4.52		
AVE IR	5	48	97.92		4.51	1.20	1.58	5.10	3.84		
STDD ET	5	48	.76	.52	.46	.16	.18	.51	.40		
STDD IR	5	48	97.92		.78	.38	.45	.81	.70		
STDD ET	5	48	1.39	.03	.03	.02	.03	.02	.02		
STDD IR	5	48	97.92		-.18	-.60	-.49	-.12	-.22		
AVE ET	6	49	1.27	7.44	6.59	2.61	6.57	7.44	5.73		
AVE IR	6	49	95.92		5.65	1.92	5.77	6.52	4.87		
STDD ET	6	49	.80	.52	.46	.18	.46	.57	.40		
STDD IR	6	49	95.92		.84	.33	.77	.87	.75		
STDD ET	6	49	1.31	.20	.20	.19	.19	.20	.19		
STDD IR	6	49	95.92		-.45	-.71	-.38	-.38	-.48		
AVE ET	7	49	.57	8.11	6.66	6.62	8.11	8.02	6.25		
AVE IR	7	49	95.92		6.25	6.25	7.72	7.60	5.86		
STDD ET	7	49	.44	.33	.27	.28	.33	.33	.25		
STDD IR	7	49	95.92		.51	.49	.54	.55	.48		
STDD ET	7	49	1.98	-.06	-.08	-.07	-.04	-.02	-.04		
STDD IR	7	49	95.92		-.43	-.42	-.35	-.38	-.43		
AVE ET	8	49	.57	6.40	4.83	6.02	4.00	2.58	4.93		
AVE IR	8	49	100.00		4.45	5.62	3.69	2.28	4.56		
STDD ET	8	49	.45	.37	.28	.35	.23	.15	.29		
STDD IR	8	49	100.00		.52	.58	.42	.35	.51		
STDD ET	8	49	1.00	.46	.45	.45	.45	.45	.45		
STDD IR	8	49	100.00		-.48	-.39	-.47	-.64	-.45		
AVE ET	9	48	.67	4.71	2.91	3.85	3.00	3.62	3.62		
AVE IR	9	48	97.92		2.52	3.45	2.71	3.23	3.23		
STDD ET	9	48	.72	.37	.23	.24	.24	.29	.29		
STDD IR	9	48	97.92		.56	.61	.46	.59	.59		
STDD ET	9	48	1.33	.01	.01	.01	.01	.01	.01		
STDD IR	9	48	97.92		-.82	-.69	-.72	-.72	-.72		
AVE ET	10	48	.55	3.00	.92			2.31	2.31		
AVE IR	10	48	83.33		.70			2.07	2.07		
STDD ET	10	48	.49	.34	.10			.26	.26		
STDD IR	10	48	83.33		.29			.38	.38		
STDD ET	10	48	1.64	-.30	-.30			-.30	-.30		
STDD IR	10	48	83.33		-1.17			-.62	-.62		
AVE ET	SE	46	137.8	1263.	882.	641.	678.	842.	893.		
AVE IR	SE	46	0.0	0.	561.	591.	609.	756.	796.		
STDD ET	SE	46	37.0	46.	23.	23.	25.	34.	30.		
STDD IR	SE	46	0.0	0.	39.	35.	40.	49.	46.		
STDD ET	SE	46	.29	.35	.01	-.04	-.04	.11	.14		
STDD IR	SE	46			-.38	-.36	-.55	-.13	-.07		

5.86 mpa

25.4 mpa

$$\frac{5.86 \text{ m/day}}{25.4 \text{ m/in}} = 0.23 \text{ in/dz}$$

(Consumptive use)

Keefe Ranch

8/13 R.V. 2/1

P/D?

Water from creek about 120' above
Road culvert 6" to 5" aluminum
about 27[#] pressure on line.

Hi water - up to 40 sprinklers $40 \times 3.96 = 158.4 \text{ gpm}$
now 31 @ 3.96 = 122.8 gpm $.353 \text{ cfs}$
 0.274 cfs

Avg of 3.96 gpm recently measured
Hi water flows are more

Must Regulate number of sprinklers
carefully so there is enough pressure
to make pipe gaskets seal.

6" pipe = 28.27 sq in
= 0.196 sq'

160 gpm

.356 cfs

.02 cfs/miners inch.

$$V = \frac{.356 \text{ cfs}}{0.196 \text{ sq}'} = 1.813 \text{ ft/sec}$$

Hi Flow.

$$\frac{V^2}{2g} = 0.050 \text{ ft.}$$

$$V = \frac{0.274 \text{ cfs}}{0.196 \text{ sq}'} = 1.40 \text{ ft/sec}$$

$$\frac{V^2}{2g} = 0.030 \text{ ft}$$

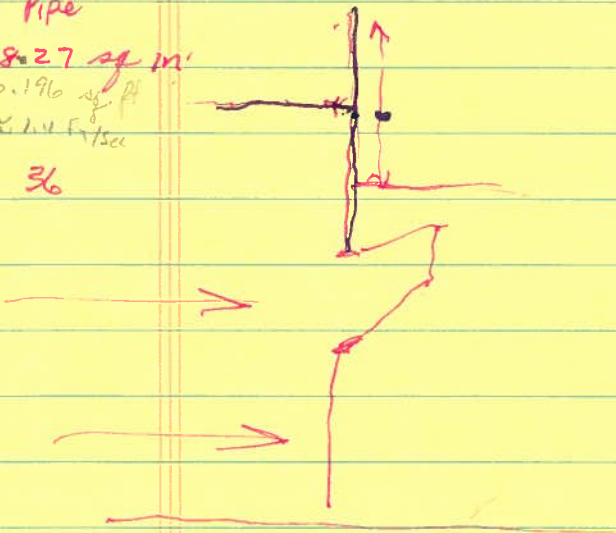
6" pipe

28.27 sq in

0.196 sq'

1.40 ft/sec

3/6



$$\begin{array}{rcl}
 & \text{NESW} & \\
 \text{Sec 28} & 1+3+2+4+8 & = 18 \\
 \text{SWSW} & 1 & 1 \\
 \text{SESW} & 1 & 1 \\
 & \hline
 & 20 & \times 1.05 = 21 \text{ ac.}
 \end{array}$$

14 ac

498 ft/unit
49.8 ft/0.1 unit
249 ft/0.5 unit

strip 0.1 unit wide

49.8' x

8
5
3
2.5 + 1.5
4
7
6
2
1
48 x 0.7

$$\frac{42560 \times 14 \text{ ac}}{49.8'} = 12,246$$

$$0.1 \text{ unit square} \approx 0.057 \text{ ac}$$

$$0.5 \text{ unit square} = 1.42 \text{ ac}$$

$$10 \times (0.5 \text{ unit})^2 = 14.2 \text{ ac}$$

10.6

$$\frac{19}{10.52}$$

$$\frac{10.52}{19} = 0.5537$$

$$0.5537^2 = 0.3066$$

$$0.3066 \times 48 \approx 14.7 \text{ ac.}$$

unm

✓

8/13/93

Roll # 14[?] 15

- Photo 10 Keffer Ranch - ~~to~~ View of gravity Sprinklers House^{Pasture S of}
21 " " - Pasture Field N[?] of House
32 View of Measurement Structure + Div. point - Keffer
43 " " " " " "
54 Keffer Ranch from Road above - Looking NE
65 " " " " " " NW

A72-10/30



R15-2
8/13/93

Keefe Diversion point from Mill Creek
Diversion box with orifice plate measurement

Flows into 6" dia
Spiral wound steel pipe



Close up view of Diversion
Box - Significant velocity
of approach.

R15-3
8/13/93

A72-10/30



R15-0
8/13/93

Gravity sprinkler system on pasture west of Ranch house,
View taken from driveway from county road to Farmstead.



R15-1
8/13/93

Irrigated pasture - north of ranch buildings

R72-10130



R15-4
8/13/93

Keefer Ranch View taken from county road moving
up slope south of the property - looking north.



R15-5
8/13/93

Keefer Ranch - southeast part of irrigated pasture
View looking northeast from county road as above.