

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: A72-07140
Date Received: 1/08/1990
Receipt No: S010879
Received By: R.V.W.

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: UNITED STATES ANTIMONY CORP. 406-827-3523
Address: P.O. BOX 643
THOMPSON FALLS, MT 59873
2. Date of Priority: MAY 30, 1981
3. Source: PREACHERS COVE CREEK Trib. to: YANKEE FORK, SALMON RIVER
YANKEE FORK SALMON RIVER
GROUNDWATER
4. Point of Diversion:
- | Township | Range | Section | 1/4 of | 1/4 of | 1/4 of | Lot | County |
|----------|-------|---------|--------|--------|--------|-----|--------|
| 12N | 15E | 20 | SE | SW | NE | | CUSTER |
| | | | SW | SE | NW | | CUSTER |
| | | | SE | SE | NW | | CUSTER |
5. Description of diverting works:
WELL, CHECK DAM, PUMPS. (SEE REMARKS)
6. Water is used for the following purposes:
- | Purpose | From | To | C.F.S | (or) | A.F.A. |
|------------|-------|-------|-------|------|--------|
| INDUSTRIAL | 01/01 | 12/31 | 0.500 | | |
7. Total Quantity Appropriated is:
0.500 C.F.S. (and/or) A.F.A.
8. Total consumptive use is Acre Feet Per Annum.
9. Non-irrigation uses:
I/ORE MILLING & DOMESTIC FOR UP TO 7 LOTS OF MINING CAMP.

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
12N	15E	20	SW	NE		INDUST	

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:

REINSTATED 12-12-1986.
DIVERSION IN YANKEE FORK - 13 HP PUMP & 4" STEEL PIPE
WELL - 8" X 105' WELL, PUMP FEEDS 2" STEEL PIPE.
PREACHER'S COVE - 2 TEN FT. DEEP SUMPS SUPPLY WATER TO 2" PLASTIC
LINES TO SUPPLY APPROX 5 GPM FLOW.
POINTS OF DIVERSION ARE DIFFERENT FROM ORIGINAL PERMIT.

15. Basis of Claim: PERMIT

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 _____

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: 39356

Ident. Number A72-0714D

Date Received 1-8-1990

Receipt Number 5010879

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED

JAN 8 1990

Department of Water Resources
Southern Region Office

Please type or print clearly

1. Name of Claimant (s) United States Antimony Corp. Phone (406) 827-3523

Mailing Address PO Box 643 Thompson Falls, MT Zip 59873

2. Date of Priority (Only one (1) per claim) April 17, 1981

3. Source of water supply (a) Yankee Fork (2)(a) Well
which is tributary to (b) Salmon River (3)(a) Preachers Cove
(b) Yankee Fork

4. a. Location of existing point of diversion is: (1) Township 12 N Range 15 E Section 20,

SW 1/4 of SE 1/4 of NW 1/4, Govt. Lot, _____ B.M., County of Custer

Additional points of diversion if any: (2) T12N, R15E, sec. 20, SE 1/4, SE 1/4, NW 1/4
(3) T12N, R15E, sec. 20, SE 1/4, SW 1/4, NE 1/4

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____ 1/4,

_____ 1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc), including the dates of any changes or enlargements in use, the dimensions of the diversion works as constructed and as enlarged and the depth of each well.

(1) Diversion in Yankee Fork: Water is diverted by stream material (gravel), which creates an eddy. Then it is delivered by a 13 hp pump and 4" steel pipeline. (2) Well: 10.5' deep, with pump at 96' and an 8" diameter. Water is pumped through a 2" steel pipeline. (3) Diversion in Preachers Cove: Due to the lack of flowing water in Preachers Cove several diversions are applied. A 5' dia, 10' deep sump with a 2" PVC discharge is used. And a 55 gallon drum sunk to bedrock that fills a 10' deep well house is also applied. Both these diversions are in close proximity to each other and supply ~5 gpm to a 2" PVC pipeline.

Copies: White-State, Yellow-Claimant

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

- ① Yankee Fork For Industrial purposes from Jan 1 to Dec 31 amount .37 or _____
- ② Well For Industrial purposes from Jan 1 to Dec 31 amount .11 or _____
- ③ Preachers Cove For Domestic purposes from Jan 1 to Dec 31 amount .01 or _____
- For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) .50 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is NA acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) Domestic use in mining camp with up to 7 lots

10. Description of place of use:

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

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
①②	12	15	20		I														
③	12	15	20		D														

Total number of acres irrigated _____

11. In which county (ies) are lands listed above as place of use located? Custer

12. Do you own the property listed above as place of use? Yes _____ No X
If your answer is No, describe in Remarks below the authority you have to claim this water right.

Mining claims

13. Describe any other water rights used at the same place and for the same purposes as described above. _____ or None (X)

14. Remarks: When the #'s ①, ②, ③ are used they refer to the three different points of diversion. ① Yankee Fork ② Well ③ Preachers Cove

Last Name U.S. Anthony Corp Ident No. _____

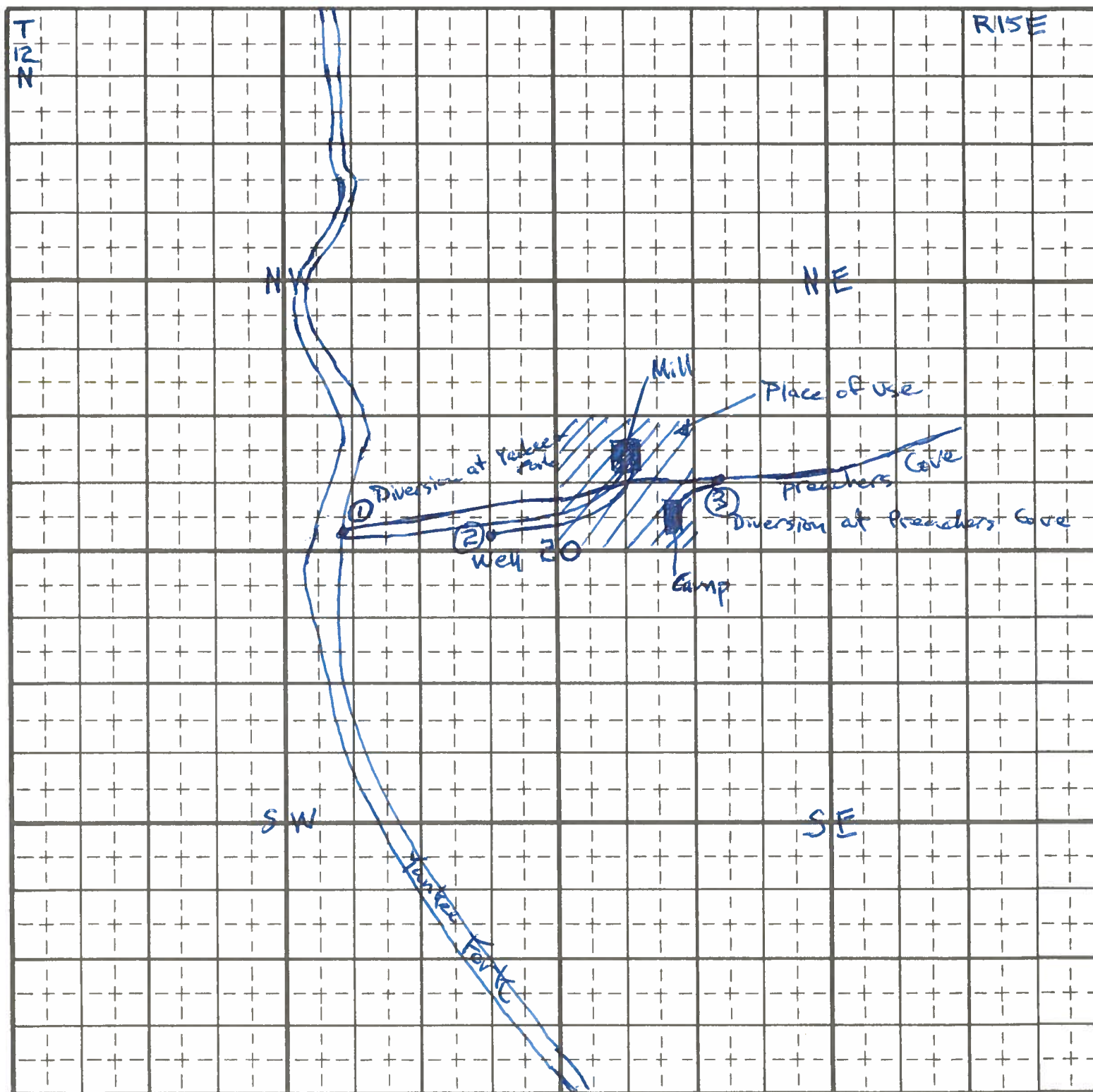
Copies: White State Yellow Claimant

MICROFILMED

MAR 18 1993

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

Scale: ~~2 inches equals 1 mile~~
2 inches = $\frac{1}{4}$ mile



MICROFILMED

MAR 18 1993

Last Name US Antimony Corp Ident No. _____

Copies: White-State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License _____ Permit ☒

Decree _____

If applicable provide IDWR Water Right Number 72-7140

Court _____ Case Number _____ Decree Date _____

Plaintiff vs Defendant _____

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 4 + check (These 4 are the normal forms)

For Individuals: I do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant (s) _____ Date _____

_____ Date _____

For Organizations: I do solemnly swear or affirm that I am Douglas G. Baker (Geologist)

of United States Antimony Corp. Organization, that I have signed the foregoing

document in the space below as Douglas G. Baker (Geologist) of United States Antimony Corp. Title Organization

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent Douglas G. Baker (Geologist)

Title and Organization Geologist United States Antimony Corp Date 1/5/90

State of Idaho/or _____)
County of Butte) SS.

Subscribed and sworn (or affirmed) before me this 5th day of January 19 90

SEAL

Notary Public [Signature]

Residing at Charles St.

My Commission Expires June 13, 1993

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

Last Name US Antimony Corp Ident. Number _____

MICROFILMED

MAR 18 1993

Copies White-State, Yellow-Claimant

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT CLAIMS PROOF READING REPORT
(REGIONAL)

WR0728NP
(OD-124)

Water Right Number - 72-07140 Adj. Flag Translation: Standard Water Right Number Old (D) Number -

+ - - - - Last Name - - - - + + - - - - First Name - - - - + + - - - - Address - - - - - +

*** C - CURRENT OWNER ***
UNITED STATES ANTIMONY CORP.

1 - P.O. BOX 643
2 -
3 -
City- THOMPSON FALLS State- MT Zip- 59873
Phone -

+ - - - - Priority Date - - - + + - - - - Region - - - + + - - - - Stage - - - + + - - - - Status - - - +
05/30/1981 17 P - PERMIT

+ - - - - Source - - - - + + - - - - Tributary - - - - + + - - - -
PREACHERS COVE CREEK YANKEE FORK, SALMON RIVER
YANKEE FORK SALMON RIVER
GROUNDWATER

+ - - - - Point of Diversion - - - - - +

Twn	Rng	Sec	Tract	Lot	Rflg	County
12N	15E	20	SE NE	(37)	CUSTER	
12N	15E	20	NE SW	(37)	CUSTER	
12N	15E	20	NW SE	(37)	CUSTER	

+ - - - - Description - - - - - Water Use - - - - - Diversion Rate - - - - - Diversion Volume - - - - -
Code Period From Period To 01/01 12/31 0.500

+ - - - - 07 - INDUSTRIAL
+ - - - - Total Div. Rate - + + - - Total Div. Volume - + + - - Total Div. Capacity - +
0.500

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use Code	Description	County
12N	15E	20	SW NE			07	INDUSTRIAL	(37) CUSTER

Total Acres:

+ - - - - Diversion Means - WELL, CHECK DAM, PUMPS

+ - - - - Non-Irrigation Use - I/ORE MILLING

+ - - - - Other Rights for Same Use -

+ - - - - Remarks - - - - - REINSTATED 12-12-1986.

+ - - - - Conditions of Approval - - - - - 09D - Water used under this permit if discharged into a natural channel

MICROFILMED
MAR 18 1993

IDAHO DEPARTMENT OF WATER RESOURCES

Water right number - 72-07140

(Condition continued from previous page)

- shall meet Idaho Water Quality Standards.

+ - - - Decree Defendant - - +

+ - - Audit Fields -

Water Rights Dates and Flags Area

Field Exam Fee	-	R
Swan Falls	-	P
Temporary Right	-	
DLE/Carey Act	-	
Water District	-	
Transfer/Amended	-	

MAR 18 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 2148 4th Ave. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

Jan. 10, 1990

Re: A72-07140

UNITED STATES ANTIMONY CORP
P O BOX 643
THOMPSON FALLS MT 59873

Dear Claimant(s):

Please find enclosed your receipt and a copy of a computer generated claim based on the information from your original claim(s) which has been entered in our computer records.

Please review the computer generated claim for accuracy. In a few instances clarifications may have been added by the Department at the time of data entry. If you have any questions or objections regarding the computer record of your claim(s), please contact this office.

Yours truly,

A handwritten signature in dark ink, appearing to read 'Judy Givens'.

Judy Givens
Adjudication Secretary

/jg

Enclosures:

MICROFILMED

MAR 18 1993

COPY

200 NOV 17 PM 1:14

FILED
CLERK OF DISTRICT COURT
TWIN FALLS, IDAHO

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

In Re SRBA

SUBCASE NO. 72-07140

Case No. 39576

NOTICE OF COMPLETED
ADMINISTRATIVE PROCEEDING

IDWR has completed the following Administrative proceeding: I.C. § 42-222 TRANSFER

An Administrative Proceeding pursuant to I.C. § 42-222 has been completed. The following changes have been made to the water right(s):

☐ Change in Ownership

☐ Split of Water Right

☒ Point of Diversion

☒ Place of Use

☒ Period of Use

☒ Nature of Use

IDWR certifies that it has completed its investigation into the changes to the elements of the water rights listed above as set forth in the attached *Amended Director's Reports* for said water rights. No other changes have been made to the elements of these water rights except as set forth above.

IDWR has served copies of the *Notice of Completed Administrative Proceeding* and *Amended Director's Report(s)* on the claimant(s), prior claimant(s) and all parties in the subcases affected, if any, as reflected on the attached certificate of mailing.

Dated:

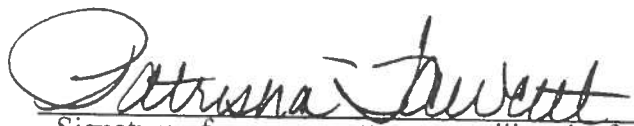
11/3/88

[Signature]
Signature of IDWR Representative

CERTIFICATE OF MAILING

I certify that on 11/17, 2000, I mailed the original and copies of this form to the following persons, postage prepaid and addressed as follows:

1. Original to:
Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
PO Box 2707
Twin Falls ID 83303-2707
2. One Copy to:
Claimant/Seller for Substitution of Party or attorney of record:
United States Antimony Corp
PO Box 643
Thompson Falls MT 59873
3. One Copy to:
Claimant/Purchaser for Substitution of Party or attorney of record:
4. One Copy to:
Each party in the subcase or attorney of record:
5. One Copy to:
Chief Natural Resources Division
Office of the Attorney General
PO Box 44449
Boise ID 83711-4449
6. One Copy to:
United States Dept of Justice
Environment & Natural Resource Div
550 West Fort Street MSC 033
Boise ID 83724



Signature of person or attorney mailing the form

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

10/26/2000

RIGHT NUMBER: 72-7140

NAME AND ADDRESS: UNITED STATES ANTIMONY CORP
PO BOX 643
THOMPSON FALLS, MT 59873

SOURCE: PREACHERS COVE CREEK TRIBUTARY: SALMON RIVER, YANKEE FORK

QUANTITY: 0.28 CFS
36.4 AFY

PRIORITY DATE: 05/30/1981

POINT OF DIVERSION: T12N R15E S20 SESENE Within CUSTER County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	04-01 10-31	0.28 CFS 36.4 AFY

PLACE OF USE:

<u>IRRIGATION Within CUSTER County</u>			
T12N R15E S20	SENW	7	
T12N R15E S20	NWSE	3	
14 ACRES TOTAL			
			T12N R15E S20 NESW 4

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE
EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE
ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER
THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6),
IDAHO CODE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

SOUTHERN REGION

November 17, 2000

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

UNITED STATES ANTIMONY CORP
PO BOX 643
THOMPSON FALLS MT 59873

RE: SRBA Claim(s) 72-07140

Dear Claimant:

Please find the enclosed copy of the Notice of Completed Administrative Proceeding, which the department has filed with the SRBA Court regarding the above referenced claims. You have received this notice pursuant to SRBA Court Administrative Order 11 requiring IDWR to report to the court and interested parties any pending changes to adjudication claims in basins for which a Director's Report has been filed with the court.

Please contact this office if you have any questions about the notice or the administrative process.

Sincerely,

Trish Fawcett
Technical Records Specialist

Southern

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

TRANSFER OF WATER RIGHT

JUN 23 2000

Department of Water Resources
Southern Region

TRANSFER NO. 5529
WATER RIGHT NO. 72-07140

This is to certify that: UNITED STATES ANTIMONY CORP
PO BOX 643
THOMPSON FALLS MT 59873

has requested a change to the above captioned water right(s). This change in water right(s) is authorized pursuant to the provisions of Section 42-222, Idaho Code, provided the conditions listed below are met.

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.28 CFS	36.4 AF

<u>SOURCE</u>	<u>TRIBUTARY OF</u>
PREACHERS COVE CREEK	SALMON RIVER, YANKEE FORK

Priority: 05/30/1981

LOCATION OF POINT(S) OF DIVERSION: SESENE , Sec. 20, Township 12N, Range 15E
CUSTER County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
12N	15E	20	SENW 7	NESW 4	NWSE 3		14
Total number of acres irrigated:							14

CONDITIONS OF APPROVAL AND REMARKS

1. After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
2. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the lands above.
3. The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
4. Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.

AD

TRANSFER NO. 5529
WATER RIGHT NO. 72-07140

CONDITIONS OF APPROVAL AND REMARKS

5. The portion of Right 72-07140 in excess of this transfer approval in the amount of 0.22 cfs shall be considered forfeited.
6. Modifications to or variance from this approval must be made within the limits of Section 42-222, Idaho Code.
7. This right may be forfeited by five years of non-use.

Dated this 20th day of

June

, 2000

A. Glen Saxton
Chief, Water Allocation Bureau

COPY

1999 NOV 19 PM 12: 44

DISTRICT COURT - SRBA
TWIN FALLS CO., IDAHO

FILED _____

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

In Re SRBA

Case No. 39576

Water Rights: 72-07140

**NOTICE OF ADMINISTRATIVE
PROCEEDING**

IDWR has received an application for an Administrative Proceeding for the above water right(s).

The Administrative Proceeding contemplates a change in the water right(s) as indicated below:

☐ Substitution of Party (waiting for documentation)

☐ Substitution of Party/Split Water Right

☒ I.C. § 42-222 transfer 5529

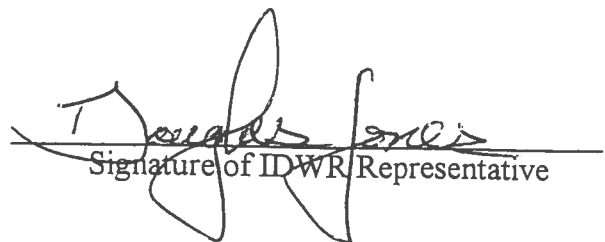
☒ point of diversion ☐ place of use

☒ period of use ☒ nature of use

IDWR projects the Administrative Proceeding shall be completed not later than:

October 6, 2000.

Dated 11/5/99


Signature of IDWR Representative

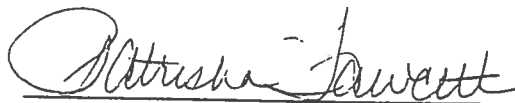
INSTRUCTIONS FOR MAILING

Mail this form to the Clerk of the SRBA Court and to the parties identified in the Certificate of Mailing. **FAX filings will not be accepted by the SRBA Clerk of the Court.**

CERTIFICATE OF MAILING

I certify that on 11/19/1999, 1999, I mailed the original and copies of this form to the following persons, postage prepaid, and addressed as follows:

1. Original to:
Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
P.O. Box 2707
Twin Falls ID 83303-2707
2. One copy to:
Claimant/Seller for Substitution of Party or attorney of record:
United States Antimony Corp
PO Box 643
Thompson Falls MT 59873
3. One copy to:
Claimant/Purchaser for Substitution of Party or attorney of record:
4. One copy to:
Each party in the subcase, or attorney of record:



Signature of person or attorney mailing the form



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

SOUTHERN REGION

November 17, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

UNITED STATES ANTIMONY CORP
PO BOX 643
GREAT FALLS ID 59873

RE: SRBA Claim(s) 72-07140

Dear Claimant:

Please find the enclosed copy of the Notice of Administrative Proceeding, which the department has filed with the SRBA Court regarding the above referenced claims. You have received this notice pursuant to SRBA Court Administrative Order 11 requiring IDWR to report to the court and interested parties any pending changes to adjudication claims in basins for which a Director's Report has been filed with the court.

After IDWR completes the indicated administrative process, and has modified the SRBA claims, you will be forwarded a Notice of Completed Administrative Proceeding. Please contact this office if you have any questions about the notice or the administrative process.

Sincerely,

Trish Fawcett
Technical Records Specialist

Enc.

(Internet)

Page 1 of 6

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 5529
— RECEIVED

APPLICATION FOR TRANSFER OF WATER RIGHT

JUN 07 1999

PART 1

**Department of Water Resources
Southern Region**

Name of applicant United States Antimony Corporation Phone 406-827-3523
Post Office address P.O. Box 643 Thompson Falls, MT. 59873

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☐ Add diversion point(s) ☐ Change place of use
☒ Change nature of use ☒ Change period of use ☐ Other _____

2. Describe the reason for the proposed changes Millsite at Preacher's Cove is no longer in use. Reclamation of tailings pond will begin in 1999. Irrigation of reclaimed areas will be necessary to ensure successful revegetation.

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Right Number	Priority	Amount (cts/ac-ft)	Nature of Use	Period of Use
72-07140	30 May 1981	0.5	Irrigation	05-01 to 10-31
				to
				to
				to

2. Total amount of water being transferred 0.5 cubic feet per second and/or 31.0 acre-feet per annum.

3. Source of water Wescher's Cove Creek tributary to Yonkers Fork Salmon River

4. Point(s) of Diversion:

[illegible]

5. Lands irrigated or place of use:

[illegible]

R PROOF

CVR

MAPS

PHOTOS

MISC

MICROFILMED
OCT 1 1994

SD-61
MODIFY CLAIM

Idaho Department of Water Resources
Adjudication Source/Tributary Screen

Date: 01/21/94
Time: 08:36:58

Water Right Number: R72-07140

FIRST PAGE

Source: PREACHERS COVE CREEK
SALMON RIVER, YANKEE FORK
GROUNDWATER

Trib: SALMON RIVER, YANKEE FORK
SALMON RIVER

(GOLD2=Update)

(GOLD4=Prev Screen)
(GOLD5=Next Screen)

(GOLD6=End of Data)

(Enter=Exit)
(GOLD8=Cancel)

1-21-94

Connected to Data Entry Sys.

54

MICROFILMED
NOV 01 1994

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	UNITED STATES ANTIMONY CORP PO BOX 643 THOMPSON FALLS MT 59873 (406) 827-3523	05/30/1981	INDUSTRIAL DOMESTIC	01-01 12-31 01-01 12-31	0.50 CFS 0.50 CFS	31.0 AFA 5.4 AFA
TOTAL DIVERSION:					0.50 CFS	36.4 AFA

Water Source: PREACHERS COVE CREEK
YANKEE FORK, SALMON RIVER
GROUNDWATER

Tributary to: YANKEE FORK, SALMON RIVER
SALMON RIVER

Stage: LICENSE

Point(s) of Diversion: T12N R15E S20 SESENE SWSNW NENESW CUSTER County

Place of use Legal Description for: INDUSTRIAL

NE	NENE	SWNE	SENE	NENW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESW	NWSE	SWSE	SESE
T	R	S	: Lt	Ac	Lt	Ac	: Lt	Ac	Lt	Ac	: Lt	Ac	Lt	Ac
12N	15E	20	:				:				:			

Place of use Legal Description for: DOMESTIC

NE	NENE	SWNE	SENE	NENW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESW	NWSE	SWSE	SESE
T	R	S	: Lt	Ac	Lt	Ac	: Lt	Ac	Lt	Ac	: Lt	Ac	Lt	Ac
12N	15E	20	:				:				:			

POU County: CUSTER

Non-Irrigation Uses: INDUSTRIAL, ORE MILLING; DOMESTIC, 9 TRAILERS

Other Rights: NONE

Conditions of Approval:
L08 - RETURN FLOW IF DISCHARGED TO A SURFACE WATER SYSTEM SHALL MEET
- IDAHO WATER QUALITY STANDARDS.

Dates: Exam Made Date: 05/25/1993 Verified Date: 01/18/1994

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

Comments: Date: 01/18/1994 User-ID: CLELLAND Subject: COPIED FROM REMARKS

MICROFILMED
NOV 0 1 1994

Comments: Date: 01/18/1994 User-ID: CLELAND Subject: COPIED FROM REMARKS

REINSTATED 12-12-1986.

DIVERSION IN YANKEE FORK - 13 HP PUMP & 4" STEEL PIPE
WELL - 8" X 105' WELL, PUMP FEEDS 2" STEEL PIPE.

PREACHER'S COVE - 2 TEN FT. DEEP SUMPS SUPPLY WATER TO 2" PLASTIC
LINES TO SUPPLY APPROX 5 GPM FLOW.

POINTS OF DIVERSION ARE DIFFERENT FROM ORIGINAL PERMIT.

Date: 01/18/1994 User-ID: CLELAND Subject: RECOMMENDATION
REC'D AS LICENSED. CLAIM WAS NOT DATA ENTERED CORRECTLY AND THE
SYSTEM WAS LICENSED AS ONE PART, NOT BY SOURCE AS CLAIMED.

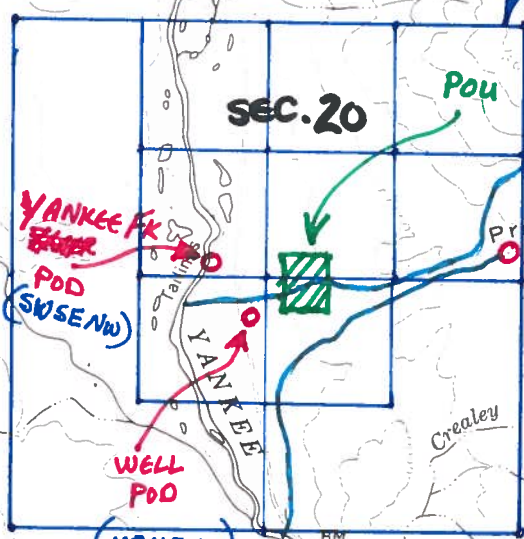
Audit: 01/18/94 CLELAND

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Cem Bonanza Guard Sta
Bonanza

ORIGINAL

UNSURVEYED
SECTION
LOCATION
ESTIMATED FROM
CHALLIS NAT'L Forest
MAP By
SCL
1-18-94



RISE

ATZ-7146
AS
RECOMMENDED
LICENSED
1-18-94
SCL

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STATE OF MAINE
DEPARTMENT OF WATER RESOURCES
ATTIFICATION CLAIM VERIFICATION REPORT

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: 072-0714

06/05/94

FACT: UNITED STATES AVIATION CORP.

ADDRESS: P.O. BOX 643
CITY: THOMPSON FALLS
PHONE NUMBER: 406-827-3523

FIRST: STATE: MT ZIP: 59973

CLAIM CORP. C

ATTIFICATION REQUIRED DUE TO REMARKS?

DATABASE FIELD EXAMINER
Y

REMARKS: REINSTATED 12-12-1986.
DIVERSION IN YANKEE FORK - 12 HP PUMP & 4" STEEL PIPE
WELL - 8" X 105' WELL, PUMP FEEDS 2" STEEL PIPE.
PREACHER'S COVE - 3 TEN FT. DEEP SUMPS SUPPLY WATER TO 2" PLASTIC
LINES TO SUPPLY APPROX 5 GPM FLOW.
POINTS OF DIVERSION ARE DIFFERENT FROM ORIGINAL PERMIT.

FIELD EXAMINATION INFORMATION

CONTACT PERSON:

DATE OF FIELD EXAM: / /

APPOINTMENT MADE: Y () N (X)

PHONE NUMBER: () -

TIME: () A () P ()

PHONE NUMBER: () -

ACCOMPANIED BY:

DEPUTATIONSHIP TO CLAIMANT:

OBJECTIONS TO PROPERTY / REMARKS:

*Field Exam consisted of pair by to see & locate operation.
Still active in summer of 1993. Due to recent discharge, detailed
exam was not needed or performed.*

*1-18-94
SC*

*Claim was incorrectly stated
onto the Data base Computer record,
and claim shows Down use is
claimed. amounts claimed are
Unlikely but claim the 0.500
disinfect. Since the system is
disinfect as a whole need to for
the system as a whole, not as
piecemeal in claim.*

*See
1-18-94*

01 1994

A. AT CLAIM: # A72-071A0 PRIORITY DATE: 05-30-1981 STAGE: P
B. WP RECORD: # 72-071A0 PRIORITY DATE: 05-30-1981 STAGE: L

License

C. FIELD EXAM REQUIRED

DATE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE N FIELD EXAMINER

APP THERE ANY OTHER REASONS TO QUESTION THE PRIORITY DATE CLAIMED? () N (X)

REMARKS:

per license party.

WORKSHEET PRIORITY DATE:

05-30-1981

REVIEWED BY

DATE 1-18-94

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NOV 0 1 1994

4. AT CLAIM POINT OF DIVERGION AND SOURCE:

TRIP	TRIP	PGS.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-07140	12N	15E	20	SE	SW	NE		CUSTER
A72-07140	12N	15E	20	SW	SE	NW		CUSTER
A72-07140	12N	15E	20	SE	SE	NW		CUSTER

OTHER AT CLAIMS WITH SAME A1 FOR
A PREFIX
NONE

NONE

SOURCE: PREACHERS COVE CREEK
YANKEE FORK
GROUNDWATER

TRIP: YANKEE FORK, SALMON RIVER
SALMON RIVER

5. UP POINT OF DIVERGION AND SOURCE:

TRIP	TRIP	PGS.	SEC.	1/4	1/4	1/4	LOT	CNTY
72-07140	12N	15E	20	SE	NE	NE		CUSTER
72-07140	12N	15E	20	NE	SW	SW		CUSTER
72-07140	12N	15E	20	SE	SE	NW		CUSTER

OTHER UP RECORDS WITH SAME UP FOR
A1 CLAIMS IN SAME 40 ACRES TRACT
A PREFIX
R PREFIX

NONE

NONE

NONE

SOURCE: PREACHERS COVE CREEK
YANKEE FORK
GROUNDWATER

TRIP: YANKEE FORK, SALMON RIVER
SALMON RIVER

FIELD EXAM REQUIRED?

TRUE TO POD DISCREPANCY? (Y/N)
DUE TO SOURCE DISCREPANCY? (Y/N)

DATABASE
Y
N

FIELD
EXAMINED

Y

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REMARKS:

Reid P.O.'s as licensed, confirmed on license Exam map and
 Topo map. Exam map seems to have mislocated section
 mislocated.

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:			
TWP.	RGE.	SEC.	1/4
12N	15E	20	
	SE	SE	NE
	SW	SE	NW
SOURCE: PREACHERS CREEK			
TRTB: YANKER FORK, SIMON RIVER			
DETERMINED BY: NENE SW			
DATE: well			

See 1-18-94

A. FOOT WATER RIGHT NUMBERS: 672-07140

B. POU LISTING

TWP RNG SEC 1/4 1/4 LOT NAME

A1
#/ACRES

UP
#/ACRES

LANDSAT
DATA

FIELD
EXAM.

TOWNSHIP 20 SW NE UNITED STATES ANTIMONY CORP. 672-07140 /

72-07140 /

TOTAL ACRES 672-07140

industrial

ARE THERE ANY DISCREPANCIES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, YES (Y) NO (N)
IF YES SEE ATTACHED SHEET.

S.20 NW SE

ind. of Don.

C. FIELD EXAM REQUIRED?

DOES THE POU DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER

POU COUNTY: CUSTER

DISCREPANCY FLAG: C

REMARKS:

as per license

DISCREPANCY FLAG:

TOTAL ACRES:

Don. / Don

REVIEWED BY:

Don

DATE:

1-18-94

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NOV 11 1994

A. AS CLAIMED USES:

WINDINGS
INDUSTRIAL

MONTH/DAY
FROM 01-01 TO 12-31

DISPERION QUANTITY
500 CFS

TOTAL DISPERION RATE/VOLUME CLAIMED

500 CFS

B. WR RECORDED USES:

WINDINGS
INDUSTRIAL
DOMESTIC

MONTH/DAY
FROM 01-01 TO 12-31

DISPERION QUANTITY
500 CFS
500 CFS
5,40 AF/A

TOTAL DISPERION RATE/VOLUME CLAIMED

500 CFS 36.40 AF/A

DISPERION FLAG:

C

C. WR BYWR REQUIREMENTS

DATE TO WATER-USE DISCREPANCY (Y/N)
DATE TO DISPERION RATE DISCREPANCY (Y/N)
DATE TO PERIOD FROM/TO DISCREPANCY (Y/N)

DATE TO WATER-USE DISCREPANCY (Y/N)
DATE TO DISPERION RATE DISCREPANCY (Y/N)
DATE TO PERIOD FROM/TO DISCREPANCY (Y/N)

D. PERIOD OF USE:

PERIOD AS CLAIMED?

PERIOD TO WR STANDARDS OR OTHER?

REMARKS:

Y (X) ()
N () ()

Explain in remarks, below.

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NOV 0 1 1994

A DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y(☒) N()

AT TOTAL CLAIMED DIVERSION RATE: 0.500 CFS
WR RIGHT TOTAL DIVERSION RATE: 0.500 CFS

+++ IF NO OF IF STATUTORY CLAIM OF BENEFICIAL USE, then flow measurement required. ***
++ if an amount smaller than the original diversion rate is OK
++ claimed and an exam is NOT required, explain in remarks. ++

FLOW MEASUREMENT REQUIREMENTS

HOW TO STATE OF DIVERSION RATE DISCREPANCY? (Y/N)

FIELD
DATABASE EXAMINER
Y

MEASUREMENT METHOD

None

FLOW MEASUREMENT

, SEE ATTACHED CALCULATIONS.

C ARE OTHER WATER RIGHTS USED? Y() N(☒) IF YES COMPLETE OVERLAP REVIEW.

OTHER RIGHTS LISTED IN CLAIM: NONE

NO CLAIMS FOUND WITH SAME FOU AND IRRIGATION USAGE

NO RIGHTS WITH SAME FOU BUT NOT USED FOR IRRIGATION

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1.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

$\times 0.02 \text{ CFS/ACRE} =$ CFS
(Taken from p/u review)

1b. CALCULATIONS

DUES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE?

Y() N()

444 IS THE ADDITIONAL WATER USE FORM FILLED AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE =

AF/A

ACRES

$\times$ CONSUMPTIVE VOL. AF/A FOR AREA

=

TOTAL CONSUMPTIVE USE

AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME =

AF/A

ACRES

$\times$ DIVERSION VOL. AF/A FOR AREA

=

TOTAL DIVERSION VOLUME

AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

Per license

REMARKS: (Include limitations on CONSUMPTIVE USE for combined rights.)

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RECOMMENDATIONS:

REC. DIV. PLANNING	REC. PERIOD FROM TO	REC. DIV. DATE CDS	REC. DIV. UNIT, A/P/A	REC. DIV. DATE CDS
Industrial	1-1 12-31	0.5	3.0	
Domestic	1-1 12-31	0.5	5.4	
TOTAL FOR THIS RIGHT			36.4	

REVIEWED BY: *Se*

DATE: 1-18-94

4088 replace R28

RECORDED
NOV 01 1994

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OVERSIGHT
PROPERTY/ABANDON
ADDITIONAL DTU, AMOUNT

ACCEPTED
AS CLAIMED
()
()
()
NEEDS
REVIEW
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-07140

TOTAL DIVERSION RATE OF WR SPLITS DATABASE 0.500

EXAMINER

CES

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"B" DTU
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

672-07140

0.500

-

72-07140

0.500

TOTAL CES

0.500

DIVERSION RATE REVIEW

DO THE SUM CES RATE OF THE SPLITS EQUAL THE ROOT RIGHT CES RATE? (Y/N)
IF NO, IS THE WRITTEN REVIEW SHEET ATTACHED? (Y/N)

DATABASE
Y

FILED
EXAMINER

REMARKS:

n/a

AUTHENTICATION:
SIGNATURE: *Sam Allen*

DATE: 1-18-94

NAME OF FIELD EXAMINER:

TITLE:

MICROFILMED
NOV 01 1994

Water Right Number - 72-07140

Prefix Translation:

WATER RIGHT

Old (D) Number -

*** C - CURRENT OWNER ***
UNITED STATES ANTIMONY CORP.

1 - P.O. BOX 643
2 -
3 -

City- THOMPSON FALLS
Phone -

State- MT Zip- 59873

Priority Date - 05/30/1981

Region - 17 SOUTHERN

Stage - L - LICENSE

Status -

Source - PREACHERS COVE CREEK
YANKEE FORK
GROUNDWATER

Tributary - YANKEE FORK, SALMON RIVER
SALMON RIVER

info
Taken
from

Twn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion	Diversion Name	Diversion Rate	Diversion No.
12N	15E	20	SE SE NE SW SE NW NE NE SW	(37) (37) (37)	CUSTER CUSTER CUSTER					
Code	Description		Period From		Period To		Water Use	Diversion Rate	Diversion Volume	
07	INDUSTRIAL		01/01		12/31			0.500	31.00	
43	DOMESTIC		01/01		12/31			0.500	5.40	

Total Div. Rate - 0.500 + Total Div. Volume - 36.40 + Total Div. Capacity - 0.500

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Description	County
12N	15E	20	SW NE			07	INDUSTRIAL	(37) CUSTER
12N	15E	20	NW SE			07	INDUSTRIAL	(37) CUSTER
12N	15E	20	NW SE			43	DOMESTIC	(37) CUSTER

- - - Diversion Means -

- - - Non-Irrigation Use -

- - - Other Rights for Same Use -

Domestic use is for 9 trailers.

No Old Water Right Numbers found.

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WATER RIGHT

+ - Decree Date - +
00/00/0000

No Comments Found

+ + + + + Water Rights Dates and Flags Area

Presumption Flag -

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NOV 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ATTJUDICATION CLAIM VERIFICATION REPORT

PAGE: 11
DUPLICATION INFORMATION

CLAIM NUMBER: 472-07140

05:42:01
06/05/93

NO. CLAIMANT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PROPERTY DATE				N		1-18-94	1-18-94	1-18-94
DEPT OF DTU	Y		David By System Summer 1993 see	(X)	1,6		see	see
CONTRAC				N				
PLACE OF USE	Y			(X)	1,6			
RTU AMOUNT				(X)	6			
CCS/UNIT/IMP	Y			N				
CONCURRENCE USE	-			N				
PHOTOLOG				N				
REVIEW OF USE	Y			N				
DATE OF CLAIM				(X)	6 License			
REMARKS	Y			N				

*VERIFIED BY CODES

TOPO MAP/ORTHOPHO = 1
ASCS MAP = 2
MASTER MAP RECORDS = 3
MAP PHOTOS = 4
FIELD EXAM = 5
OTHER (SEE REMARKS) = 6

THREE CODES ARE USED TO INDICATE HOW THE FIELD EXAMINER VERIFIED THE INFORMATION
USED FOR THIS FIELD EXAMINATION. INDICATED ARE ALL CODES WHICH APPLY.

NOT FILMED
11 NOV 1993

CLATH ALPHEB: A72-07140

36.4
5.1
31.3
MICROFILMED
NOV 01 1994

5+200
~~THAT~~
KIC

CLUSTER Counting

NE NESW
S45E NW
SE SE NE

ΔH

9 TRAILS

48

→ move to Conn.

○

Comment: Spelling Bee!
Claim 15. Lc.

1-18-94
su

Cem Bonanza
Guard Sta
Bonanza

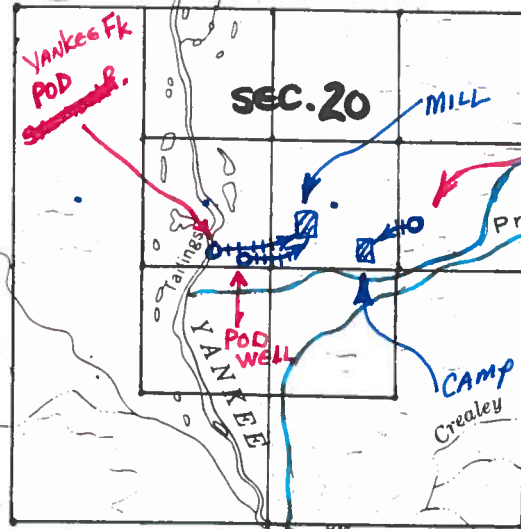
POOR ORIGINAL

A72-7140
AS CLAIMED

also see map w/ claim

4914000m N.

BM 6307



4913

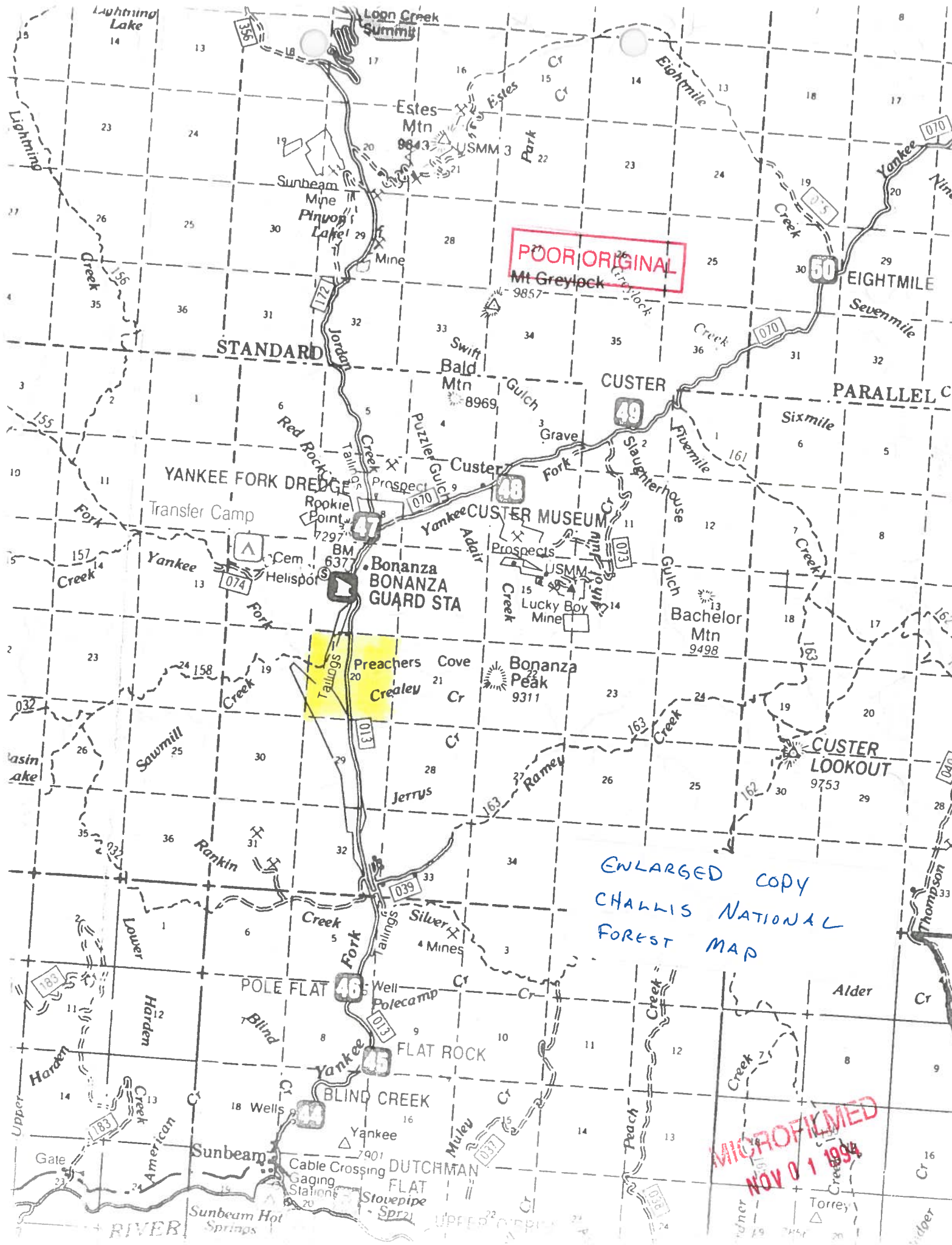
4912

20'

4911

4910

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NOV 01 1994



POOR ORIGINAL
Mt Greylock

ENLARGED COPY
CHALLIS NATIONAL
FOREST MAP

MICROFILMED
NOV 01 1994

POOR ORIGINAL

A72-07140

Form 219
6/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

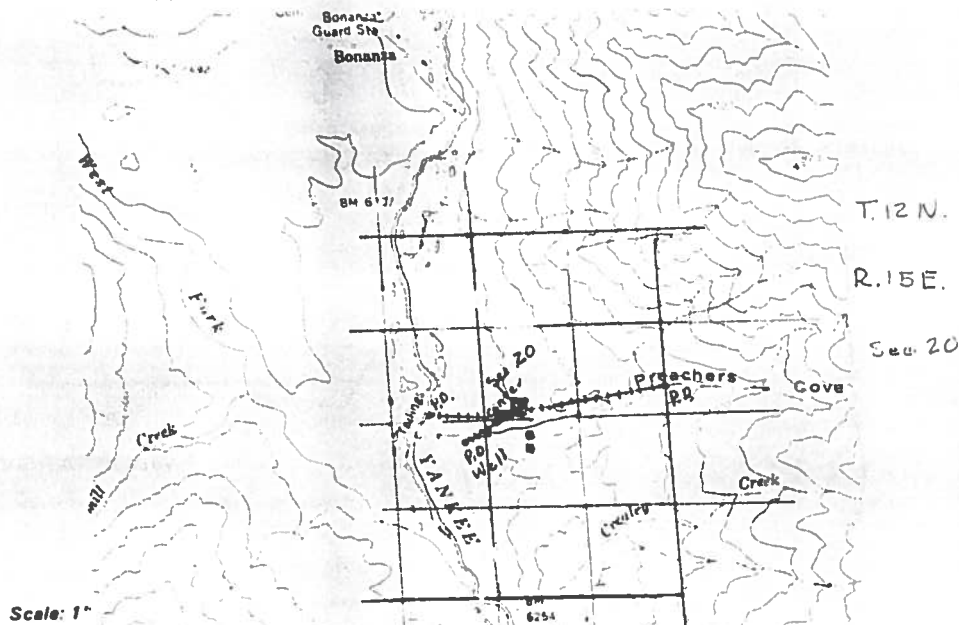
1. Owner: United State Antimony Corp Permit No. 72-7140
Current Address: P.O. Box 643 Thompson Falls, Montana Phone No. _____
2. Accompanied by: John Lawrence EXAM. DATE: 7/24/86
Address: _____ Phone No. _____
Relationship to Permit Holder: owner
3. Source: Preachers Cove tributary to Yankton Fork
Yankton Fork

B. OVERLAP REVIEW

1. Other water rights with same place of use: 72-1088 ☐ Copies Attached
2. Other water rights with same point of diversion: 72-1088 ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe id as applicable. ☐ Alternative diagram attached



2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required). ☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

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POOR ORIGINAL

System Description (continued)

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

Water is pumped from Yankee Fork up to the mill where the water is used for milling. Water is located at the mill. This water is also used in the milling operation and is also used for domestic purposes. Preacher Cove water is used when available at the mill site. Other times it dries up and the other serving machine is used. Water used today for (1) permanent trails is 500000 gal.

☐ See Remarks on page 4 for continuation

A

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
10-11 5th Pump	Am Motor	5			
	Hyd	12	02123		

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

- 5 Point(s) of Diversion:**

Ident. No.	Gov't. Lot	%	%	%	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
100-100-100	100	100	100	100	26	12N	15E	Custer	
100-100-100	100	100	100	100	20	12N	15E	Custer	
100-100-100	100	100	100	100	..	..	..	..	
100-100-100	100	100	100	100	..	..	..	..	

- 6 Place(s) of Use:**

Indicate Method of Determination

[illegible]

Do not use this space

MICROFILMED
NOV 01 1994

ORIGINAL

Do not use this space

D. FLOW MEASUREMENTS

☒ Additional Data Sheets Attached

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

2. Measurements:

well 0.07 cfs, Preacher Cove 0.04 cfs, Yankee fork 0.41 cfs
 TOTAL = .52 cfs
 will run 7 days/wk Approx. 12 hr / day 2 hr intervals of water used.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

- Measured Method: Sgal Bucket Method / 10 sec ÷ 7.48 = 0.07 cfs = well
 Sgal Bucket " / 10 sec ÷ 7.48 = 0.04 cfs = Preacher Cove
- Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)
 Total Head: (1) + (2) = _____ (3)
 : Flow rate: _____ cfs (4)
 Water HP: (3) x (4) ÷ 8.8 = _____ (5)
 Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)
 Meter Input HP: (6) x 1.34 = _____ (7)
 Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (8)
 Panel Input HP: (8) x 1.34 = _____ (7)
 Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{in} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____
 $V_{on} = (\text{Diversion Rate (cfs)}) \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____
 $V = \text{Smaller of } V_{in} \text{ and } V_{on} =$ _____

2. Volume Calculations for Other Uses: $(0.50 \text{ cfs}) \times (1.9835) \times (125 \text{ days}) = 247.2$
 $125 \text{ days} = 123.9$

Per G/ANINUS notes, will require 12 hrs/day of 2 hr. intervals of water use.
 1) $0.57 \text{ cfs} \times 4.48 \text{ gpm/cfs} \times 60 \text{ min/hr} \times 6 \text{ hr/day} \times 12.5 \text{ days/yr} = 31.0 \text{ AF/yr}$
 2) 9+RAIKERS at 0.6 AF/yr = 5.4 AF
 $31.0 \text{ AF/yr} + 5.4 \text{ AF/yr} = 36.4 \text{ AF/yr}$

MICROFILMED
 NOV 01 1994