

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: A36-15450
Date Received: 9/11/1992
Receipt No: X111111
Received By: _____

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

1. Name: UNITED STATES OF AMERICA ACTING THROUGH 503-231-6145
Address: US DEPT OF INTERIOR
FISH & WILDLIFE SERVICE
911 NE 11TH AVENUE
PORTLAND OR 97232-4181

OR

Name: US DEPT OF INTERIOR
Address: FISH & WILDLIFE SERVICE REG 1
ATTN DIVISION OF ENGINEERING
911 NE 11TH AVE
PORTLAND OR 97232-4181

2. Date of Priority: JAN 1, 1939

3. Source: LEN LEWIS SPRING Trib. to: RILEY CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08S	14E	6	SE	SW	NE		GOODING

5. Description of diverting works:
DITCH, CONC. FLUME, SCREEN, 24" & 36" PIPES TO FISH FACILITIES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
FISH PROPAGATION	04/15	10/15	8.000		
FISH PROPAGATION	10/15	04/15	24.000		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
FISH PROP., 103 RACEWAYS, 66 TANKS, WITH CAP. OF 256,000 CU. FT.

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
08S	14E	6	SW		NE		FISH	
			SE		NW		FISH	
			NE		SW		FISH	
			SE		SW		FISH	
			NE		SE		FISH	
			NW		SE		FISH	
			SW		SE		FISH	
			SE		SE		FISH	

11. Place of use in counties: GOODING

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

13. Other Water Rights Used:
SEE REMARKS

14. Remarks:

THE BENEFICIAL USE CLAIMS FOR HAGERMAN NATIONAL FISH HATCHERY & HAGERMAN FIELD STATION CLARIFY & UPDATE BENEFICIAL USE CLAIMS 36-04069, 36-04252 & 36-04253.

WATER FROM LEN LEWIS SPRING IS COMINGLED WITH FLOWS FROM SPRINGS NOS. 12, 13, 14, AND 15 AND MAIN SPRINGS, IN TOTAL OR IN PART.

OTHER WATER RIGHTS: 36-00128, 36-00129, 36-00130, 36-00131, 36-00132, 36-02308 & 7 BENEFICIAL USE CLAIMS.

PLACE OF USE: WATER USE IS WITHIN THOSE PORTIONS OF S06, T08S, R14E COMPRISING THE HAGERMAN NATIONAL FISH HATCHERY AND THE HAGERMAN FIELD STATION.

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 Organizations:

I do solemnly swear or affirm that I am _____ of
_____, Title
_____, that I have signed the foregoing
Organization
document in the space below as _____ of
_____, Title
_____ and that the statements contained in the
Organization
foregoing document are true and correct.

Signature of Authorized Agent

Title and Organization

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 _____



United States Department of the Interior

OFFICE OF THE SOLICITOR

Pacific Northwest Region
500 N.E. Multnomah Street, Suite 607
Portland, Oregon 97232

A36-19450

Mr. Steve Clelland
Idaho Department of Water Resources
Southern Region
222 Shoshone Street East
Twin Falls, Idaho 83301

Re: Data Entry Records: A-36-00128 - A-36-132; A-36-02038; and
A-36-14-5444 - A-36-15452

Dear Mr. Clelland:

Jack Haugrud, U.S. Department of Justice, has requested that I respond to your letters to him of September 28 and October 1, 1992. Enclosed are three declarations and supporting documentation in response to your request for support (a) for the priority dates for beneficial use claims of the United States for Hagerman National Fish Hatchery and Hagerman Field Station, and Minidoka National Wildlife Refuge; and (b) for the change in use of certain decreed rights for the Hagerman facilities.

In addition, we have a few comments, as you requested, regarding the accuracy of the computer-generated claims for the above-described facilities.

(i) In order to expedite service to the U.S. Fish and Wildlife Service, please amend the Portland address to read as follows:

U.S. Department of the Interior
Fish and Wildlife Service, Region 1
Attn: Division of Engineering
911 N.E. 11th Avenue
Portland, Oregon 97232

(ii) The place of use on all Hagerman Claims as described by your office includes several quarter sections in which there are no Hagerman facilities. Please delete the following:

<u>TOWNSHIP</u>	<u>RANGE</u>	<u>SECTION</u>	<u>QUARTER OF QUARTER</u>	
8S	14E	6	NE	NE
8S	14E	6	NW	NE
8S	14E	6	SE	NE
8S	14E	6	NE	NW
8S	14E	6	NW	NW
8S	14E	6	SW	NW
8S	14E	6	NW	SW
8S	14E	6	SW	SW

(iii) The consumptive use entry has not been completed on any of the claim forms. They should be corrected to read as follows:

A 36-00128 = none
 A 36-00129 = none
 A 36-00130 = none
 A 36-00131 = none
 A 36-00132 = 44 acre feet per annum.
 A 36-02038 = none
 A 36-15444 = none
 A 36-15445 = none
 A 36-15446 = none
 A 36-15447 = none
 A 36-15448 = none
 A 36-15449 = none
 A 36-15450 = none
 A 36-15451 = none
 A 36-15452 = none

(iv) SRBA Claim A 36-0129: The provision in Item 13, Other Water Rights Used, was not included in the computer generated forms and needs to be added as follows:

"See Remarks."

(v) SRBA Claim A 36-0130: In the Remarks section, delete reference to 36-00130 as other water rights used since the claim is for that water right.

(vi) SRBA Claim A 36-0132: In Item 9, Non-Irrigation Uses, a number of uses were deleted in the computerized claim. These need to be added:

(a) Domestic/Stockwater "Service buildings, visitor facilities, and 2 stock units."

(b) Fish Propagation "103 raceways and 470 tanks, jars, and trays, capacity: 261,000 cubic feet."

In Item 14, Remarks, your language implies that water from the Hatchery's beneficial use claim for Spring 8 is commingled with the water under this claim but it is water from the Hatchery's decreed right to water for Spring 8 that is commingled.

(vii) SRBA Claim A 36-15444: You have deleted our notice in Item 14, Remarks, that a portion of this claim is claimed in the alternative. The following should be added to Remarks.

"7.7 cfs of this claim is claimed as alternative to IDWR water right No. 36-2308."

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: A36-15450
Date Received: 9/11/1992
Receipt No:
Received By: RVW
Entered

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: UNITED STATES OF AMERICA ACTING THROUGH 503-231-6145
Address: US DEPT OF INTERIOR
FISH & WILDLIFE SERVICE
911 NE 11TH AVENUE
PORTLAND OR 97232-4181

2. Date of Priority: JAN 1, 1939

3. Source: LEN LEWIS SPRING Trib. to: RILEY CREEK

4. Point of Diversion:

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5. Description of diverting works:
DITCH, CONC. FLUME, SCREEN, 24" & 36" PIPES TO FISH FACILITIES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
FISH PROPAGATION	04/15	10/15	8.000		
FISH PROPAGATION	10/15	04/15	24.000		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
FISH PROP., 103 RACEWAYS, 66 TANKS, WITH CAP. OF 256,000 CU. FT.

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	14E	6	NE	NE		FISH	

Also in Item 14, Remarks; the reference should be to 7 other beneficial use water rights, not 8; and 36-02308 is a licensed water right not a decreed right.

(viii) SRBA Claim A 36-15445: In Item 14, Remarks, the reference should be to 7 other beneficial use rights, not 8.

(ix) SRBA Claim A 36-15446: In Item 14, Remarks, the reference should be to 7 other beneficial use rights, not 8.

(x) SRBA CLAIM A 36-15450: In Item 14, Remarks, you have included one comment that is not correct for this claim; the comment applies to another claim. The following needs to be deleted:

"Water under water right No. 36-02308 and water under one beneficial use claim is diverted at the same location as water under this claim."

Also in Item 14, Remarks, the statement regarding commingling should be revised to read:

"Water from Len Lewis Spring is commingled with flows from Springs Nos. 12, 13, 14, and 15 and Main Springs, in total or in part."

Please call Jack Haugrud (202) 272-4234 or Geoff Garver (202) 272-4692, U.S. Department of Justice, if you have any questions.

Sincerely,

For the Regional Solicitor



Barbara Scott-Brier
Attorney
Pacific Northwest Region

Enclosures

cc w/encls:

Jack Haugrud, DOJ/Geoff Garver, DOJ (Overnight Mail)
Randy Schmeller, FWS



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS
Governor

NOVEMBER 2, 1992

R. KEITH HIGGINSON
Director

US DEPT OF INTERIOR
FISH & WILDLIFE SERVICE REGION 1
ATTN DIVISION OF ENGINEERING
911 NE 11TH AVE
PORTLAND OR 97232-4181

RE: SNAKE RIVER BASIN ADJUDICATION
DATA ENTRY RECORDS & RECOMMENDATIONS

A36-00128	A36-15444
A36-00129	A36-15445
A36-00130	A36-15446
A36-00131	A36-15447
A36-00132	A36-15448
A36-02038	A36-15449
	A36-15450
	A36-15451
	A36-15452

DEAR BARBARA SCOTT-BRIER,

PLEASE FIND ENCLOSED COPIES OF THE COMPUTER GENERATED CLAIMS AS CORRECTED PER YOUR REQUEST. ALSO ENCLOSED ARE THE PROFILE REPORTS OF THE RECOMMENDATIONS OF THESE RIGHTS THAT WERE FAXED TO YOU ON SATURDAY OCTOBER 24, 1992. ALL THESE RECORDS ARE FOR YOUR FILES AND DO NOT NEED RETURNED TO US.

IF YOU HAVE QUESTIONS OR NEED OTHER ASSISTANCE PLEASE CONTACT THIS OFFICE.

SINCERELY,

STEVE CLELLAND
WATER AGENT, SR.

ENCLOSURES:

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	14E	6	NW	NE		FISH	
			SW	NE		FISH	
			SE	NE		FISH	
			NE	NW		FISH	
			NW	NW		FISH	
			SW	NW		FISH	
			SE	NW		FISH	
			NE	SW		FISH	
			NW	SW		FISH	
			SW	SW		FISH	
			SE	SW		FISH	
			NE	SE		FISH	
			NW	SE		FISH	
			SW	SE		FISH	
			SE	SE		FISH	

11. Place of use in counties: GOODING

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

13. Other Water Rights Used:
SEE REMARKS

14. Remarks:

THE BENEFICIAL USE CLAIMS FOR HAGERMAN NATIONAL FISH HATCHERY & HAGERMAN FIELD STATION CLARIFY & UPDATE BENEFICIAL USE CLAIMS 36-04069, 36-04252 & 36-04253.

WATER IS COMINGLED WITH SPRING NO. 15 AND MAIN SPRINGS NOS. 13 AND 14.

WATER UNDER WATER RIGHT NO. 36-02308 AND WATER UNDER ONE BENEFICIAL USE CLAIM IS DIVERTED AT THE SAME LOCATION AS WATER UNDER THIS CLAIM.

OTHER WATER RIGHTS: 36-00128, 36-00129, 36-00130, 36-00131, 36-00132, 36-02308 & 7 BENEFICIAL USE CLAIMS.

PLACE OF USE: WATER USE IS WITHIN THOSE PORTIONS OF S06, T08S, R14E COMPRISING THE HAGERMAN NATIONAL FISH HATCHERY AND THE HAGERMAN FIELD STATION.

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 Organizations:

I do solemnly swear or affirm that I am _____ of
_____, that I have signed the foregoing
_____ Organization
document in the space below as _____ of
_____ Title
_____ and that the statements contained in the
_____ Organization
foregoing document are true and correct.

Signature of Authorized Agent

Title and Organization

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 _____

17. Notice of Appearance:

Notice is hereby given that I, _____ will be
_____ Print Name
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 _____

WMC:KJHaugrud
90-6-2-63C
(202) 272-4134

RECEIVED

AUG 31 1992

Department of Water Resources

Washington, D.C. 20530

August 31, 1992

David Shaw, Chief
Adjudications Bureau
Department of Water Resources
1301 North Orchard
Boise, Idaho 83706

Re: In re: General Adjudication of Rights to the Use
of Water from the Snake River Basin Water System,
Civil No. 39576.

Dear Mr. Shaw:

Pursuant to the Court's Order Establishing Adjudication Reporting Areas, General Sequence and Test Reporting Areas, dated May 19, 1992, enclosed are the United States' consumptive use claims for Reporting Area 03 (IDWR Administrative Basin 36). A general Notice of Claims is provided which gives an overview of the claims as well as providing the required verification and notice of appearance.

These claims, along with any other claims that may have been previously lodged with you, constitute the United States' consumptive use claims for Reporting Area 03.

The enclosed documents constitute the actual claims of the United States. To the extent that agencies provide you with computer tapes of the claims, they are provided solely for your convenience and if there is any discrepancy between the contents of the tape and the actual claims, the actual claims control.

Your cooperation in this matter is appreciated. Should you have any questions, please contact me at (202) 272-4134.

Sincerely,



K. Jack Haugrud
Attorney, Environment Division
U.S. Department of Justice

Enclosure



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS
Governor

SEPTEMBER 28, 1992

R. KEITH HIGGINSON
Director

JACK HAUGRUD OR G GARVER OR D ZANE
US DEPT OF JUSTICE
ENV & NR DIV GEN LIT SEC
PO BOX 663
WASHINGTON DC 200440663

RE: DATA ENTRY RECORDS & EVIDENCE OF PRIORITY

A36-00128	A36-15444
A36-00129	A36-15445
A36-00130	A36-15446
A36-00131	A36-15447
A36-00132	A36-15448
A36-02038	A36-15449
	A36-15450
	A36-15451
	A36-15452

DEAR SIRs,

PLEASE FIND ENCLOSED COPIES OF THE COMPUTER GENERATED CLAIMS AS THEY APPEAR IN OUR DATA BASE. PLEASE REVIEW THESE RECORDS FOR ACCURACY AS THEY ARE BASED ON THE CLAIMS YOU SUBMITTED IN THE SNAKE RIVER BASIN ADJUDICATION.

YOUR RECORDS INDICATE THE CLAIMS LISTED ABOVE, IN THE RIGHT HAND COLUMN, ARE BASED UPON A "BENEFICIAL USE" OF WATER. FOR WATER RIGHTS OF THIS TYPE, THE CLAIMED "PRIORITY DATE" MUST BE SUBSTANTIATED WITH SUPPORTING EVIDENCE.

BEFORE THE DEPARTMENT CAN MAKE A RECOMMENDATION TO THE COURT TO DECREE THE CLAIM, SOME EVIDENCE OF THE PRIORITY DATE MUST BE SUBMITTED. WE ARE ENCLOSING A BROCHURE OUTLINING THE TYPES OF EVIDENCE YOU MAY SUBMIT. WE REQUEST THAT YOU SUBMIT YOUR EVIDENCE OF PRIORITY AS SOON AS POSSIBLE. IF WE DO NOT RECEIVE THE REQUESTED DOCUMENTATION, YOUR CLAIM WILL BE RECOMMENDED FOR DISALLOWAL DUE TO LACK OF EVIDENCE SUPPORTING ANY PRIORITY DATE.

*** PLEASE SUBMIT THE REQUIRED EVIDENCE SUPPORTING THE PRIORITY DATE BY OCTOBER 12, 1992. ***

PLEASE REFERENCE THE CLAIM NUMBER ON YOUR CORRESPONDENCE. IF YOU HAVE QUESTIONS OR NEED OTHER ASSISTANCE PLEASE CONTACT THIS OFFICE.

SINCERELY,



STEVE CLELLAND
WATER AGENT, SR.

ENCLOSURES:

CC: US DEPT OF INTERIOR
FISH & WILDLIFE SERVICE
911 NE 11TH AVENUE
PORTLAND OR 972324181

US FISH & WILDLIFE SERVICE
HAGERMAN NATIONAL FISH HATCHERY
RT 1 BOX 256
HAGERMAN ID 83332

Handwritten notes and stamps in the bottom right corner, including a date stamp that appears to read "APR 12 2005".



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

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

Steve Clelland - S

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

October 1, 1992

RECEIVED

Jack Haugrud
US Department of Justice
Env. & NR Div. Gen. Lit. Sec.
PO Box 663
Washington, DC 20044-0663

RE: Snake River Basin Adjudication (SRBA)
Notices of Claim to a Water Right Nos.
A36-00128, A36-00129, A36-00130, A36-00131, A36-00132,
A36-02038, A36-15444, A36-15445, A36-15446, A36-15447,
A36-15448, A36-15449, A36-15450, A36-15451 & A36-15452

Dear Mr. Haugrud:

Regarding the above referenced Notices of Claim filed in the name of USDI Fish and Wildlife Service, you received a letter from Steve Clelland of our Department requesting Evidence of Priority by October 12, 1992.

In addition, please supply us with maps, drawings, or other material describing the pond and raceway volumes as of the dates claimed. This information may be in the form of maps, engineering design specifications, or other documentation that supports the development of the facility volumes as of the dates shown in the Date of Priority on the Notices of Claim.

The decreed rights were originally decreed for irrigation purposes. Please supply us with documents supporting the change in the nature of use including the dates when the changes occurred.

Regarding A36-15452, please clarify the method of diversion used to divert the spring and seeps to beneficial use. The claim does not describe a diversion system.

Please submit this information by October 12, 1992 directly to Steve Clelland, IDWR - Southern Region, 222 Shoshone St.,

NOV 11 1992
FEB 11 1993

Jack Haugrud
October 1, 1992
Pgae 2

East, Twin Falls, ID 83301. Please call either me or Mr.
Clelland if you have any questions or need assistance.

Sincerely,

Helen Harrington-Thornton
Helen Harrington-Thornton
Senior Water Resource Agent

HHT:Clelland
CC: USDI Fish & Wildlife Service
911 NE 11th Ave.
Portland, OR 97232-4181

USDI Fish & Wildlife Service
Hagerman National Fish Hatchery
Rt. 1, Box 256
Hagerman, ID 83332

MICROFILMED
FEB 09 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 25, 1995

U.S. Dept of Interior
Fish & Wildlife Service, Reg. 1
911 NE 11th Ave
Portland, OR 97232-4181

RECEIVED

SEP 27 1995

RE: APPLICATION FOR PERMIT NO. 36-07917
Department of Water Resources
Southern Region

Gentlemen:

The department of Water Resources (IDWR) is currently reviewing relatively old applications for permit which are pending before the department. Our files show that on May 5, 1980, the Fish & Wildlife Service (Service) filed the above referenced application in connection with the Hagerman National Fish Hatchery near Hagerman, Idaho.

The application proposed the diversion of 79 cubic feet per second (cfs) of water from Springs tributary to Riley Creek and Bickle Ditch from March 15 to September 15 each year and 95 cfs from September 16 through March 14 each year. The points of diversion were described on the application as within the SW1/4NE1/4, NE1/4SE1/4 and NW1/4SE1/4 Section 6, T8S, R14E, B.M. The last correspondence in the file is dated February 1988.

The Snake River Basin Adjudication (SRBA) records of the department show that the Service has filed a number of claims in that proceeding and the department has recommended the following claims to the SRBA court as valid:

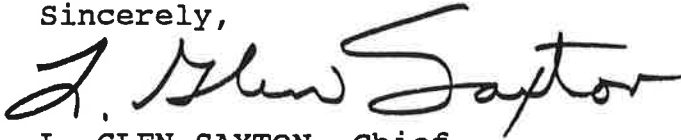
36-00128, 36-15444, 36-15450, 36-00130, 36-15446, 36-15448A, 36-15448B, 36-00129, 36-15445, 36-00132, 36-15448A, 36-15448B, 36-00132, 36-15448A, 36-15448B, 36-15448A, 36-15448B, 36-15449, 36-15451, 36-00131, 36-15447, 36-00131 and 36-15447.

From my review of this matter, application no. 36-07917 appears to be unneeded and should be removed from department records, since the rights of the Service have been claimed and recommended to the SRBA court. Enclosed is a relinquishment form for your consideration and use.

I will appreciate your review of this matter and your relinquishment of the application which appears to be duplicative

of the other rights of the Service. If you have questions or if I can provide additional information, please feel free to contact me or our Southern Regional office in Twin Falls.

Sincerely,

A handwritten signature in dark ink, appearing to read "L. Glen Saxton". The signature is fluid and cursive, with the first name "L." being small and the last name "Saxton" being larger and more prominent.

L. GLEN SAXTON, Chief
Water Allocation Bureau

Encl: 1

c: IDWR - S. Region
SRBA Bureau

6/9/94

COMMUNICATION DOCUMENTATION

Claim No. A36-15450

A36-15153

This form is to be used to document public record information requests regarding any SRBA claim or claims. The form may also be used to document IDWR communications requesting information regarding any SRBA claim or claims when the request is not made in writing or the claim verification report is not readily available to document the request. This form is to be filed in all relevant claim files or a central office file.

IDWR Employee/Agent Steve Clelland

March 14, 1996 2:07pm

NAME:
BRIAN KENWORTHY

CALLOUT/BACK

RE:
QUESTIONS

CALLLED AT OFFICE AND WAS SWITCHED TO HOME NUMBER. HE HAD QUESTIONS ABOUT THE CLAIMS ON LEN LEWIS SPRING BY THE IDFG. HE HAD SPOKEN TO BILL GORGEN YESTERDAY AFTER IDWR & IDFG HAD MET TO REVIEW THE WMA SITE. I RE-STATED THE SUGGESTIONS OR OPTIONS THAT RICH BURLEIGH AND I FRAMED FOR THE IDFG STAFF PRESENT AT OUR SITE EXAM ON MARCH 13, 1996. BASED ON THE PROOF OF EVIDENCE SHOWN IT APPEARS THE IDFG CAN PROVE A DIVERSION OF THE 3.0 CFS (ORIGINALLY DECREED AS 36-00012) FOR YEAR AROUND WILDLIFE USE IN ANDERSON PONDS. THIS RIGHT IS BASED ON BENEFICIAL USE AND NOT PART OF THE ORIGINAL DECREE ALTHOUGH IT IS THE SAME WATER PHYSICALLY. PRIORITY DATE WOULD HAVE TO BE AFTER 1951 SINCE FISH & GAME MAP OF THAT DATE SHOWS THE NECESSARY DIVERSION DITCH WAS NOT YET CONSTRUCTED.

THERE WAS DISCUSSION OF THE THE NORMAL OPERATION OF THE BRAILSFORD DITCH WHERE LARGER FLOWS ARE SOMETIMES RELEASED SPORADICLY INTO THE WMA SPILL. WHILE PROOF CANNOT BE SHOWN FOR A RIGHT TO LEN LEWIS WATER I BELIEVED ENOUGH PROOF HAS BEEN SHOWN TO ESTABLISH A WASTEWATER RIGHT FOR FLOWS ABOVE THE REGULAR RIGHT OF 3.0 CFS.

IDFG STAFF RAISED THE ISSUE THAT THE WMA WAS DEVELOPED IN 1941 FOR WILDLIFE AND THE DATES SHOULD PREDATE TO THEN... RICH BURLEIGH RELAYED NEWS OF THE RECENT SUMMARY JUDGEMENT ON THE SMITH SPRINGS RIGHT.

ALL INFORMATION SUPPLIED TO IDFG STAFF WAS AS POSSIBLE OPTIONS FOR RIGHTS BASED ON THE PROOF GIVEN BY FISH & GAME. THEY WERE REMINDED TO REVIEW THE DISCUSSIONS WITH APPROPRIATE LEGAL AND ADMINISTRATIVE PERSONELL.

I POINTED OUT TO BRIAN K. THAT IF THE IDFG RIGHT FOR 3.0 CFS IS BASED ON THE DIVERSION OF THE RIGHT IT WILL BE JUNIOR TO THE U.S. HATCHERY'S LEN LEWIS RIGHT. HOWEVER, GIVEN THE "SMITH SPRINGS DECISION", IF IDFG PURSUES THIS TYPE OF OPTION THEN IT WOULD BE AHEAD OF THE U.S. HATCHERY.

MY PURPOSE TO RELATE THE SMITH SPRINGS RESULTS IS NOT FOR GUIDANCE BUT FOR INFORMATION ONLY... THIS WILL NEED MUCH FURTHER REVIEW BY ALL PARTIES FOR FULL EFFECTS.

R PROOF



CVR



MAPS



PHOTOS



MISC

MICROFILMED
FEB 09 1993

VERIFIED BY

su

Water Right Number - R36-15450

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - +

+ - First Name - - +

+ - - - - Address - - - - - +

*** A - ATTORNEY ***

HAUGRUD, JACK OR G GARVER OR D ZANE

1 - US DEPT OF JUSTICE
2 - ENV & NR DIV GEN LIT SEC
3 - PO BOX 663
City- WASHINGTON
Phone - 202-272-4134

State- DC Zip- 200440663

*** C - CURRENT OWNER ***

AMERICA ACTING THROUGH

UNITED STATES OF

1 - US DEPT OF INTERIOR
2 - FISH & WILDLIFE SERVICE
3 - 911 NE 11TH AVENUE
City- PORTLAND
Phone - 503-231-6145

State- OR Zip- 972324181

US DEPT OF INTERIOR

1 - FISH & WILDLIFE SERVICE REG 1
2 - ATTN DIVISION OF ENGINEERING
3 - 911 NE 11TH AVE
City- PORTLAND
Phone - 208-000-0000

State- OR Zip- 972324181

*** K - ALSO KNOWN AS ***

FWS

1 -
2 -
3 -
City- PORTLAND
Phone - 208-000-0000

State- OR Zip- 972324181

+ - - Priority Date - - +
01/01/1950

+ - - Region - - - +
17 SOUTHERN

+ - - Stage - - - +
J - BENEFICIAL USE

+ - - Status - - - +

+ - - Source - - - - - +
LEN LEWIS SPRING

+ - - Tributary - - - - - +
RILEY CREEK

+ - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County

08S 14E 6 SE SW NE (47) GOODING

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

19 - FISH PROPAGATION 03/15 11/15 8.000
19 - FISH PROPAGATION 11/16 03/14 21.200

+ - Total Div. Rate - + + - Total Div. Volume - +
21.200

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

+ - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County

08S 14E 6 SW NE 19 FISH PROPAGATION (47) GOODING
08S 14E 6 NW SE 19 FISH PROPAGATION (47) GOODING

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Water right number - R36-15450

Prefix Translation: RESEARCH

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use Code	Description	County
-----	-----	-----	-------	-----	-------	-------------------	-------------	--------

Total Acres:

- + - - Diversion Means - DITCH, CONC. FLUME, SCREEN, 24" & 36" PIPES TO FISH FACILITIES
- + - - Non-Irrigation Use - FISH PROP., 103 RACEWAYS, 66 TANKS, WITH CAP. OF 252,000 CU. FT.
- + - - Other Rights for Same Use - SEE REMARKS

Remarks

FACILITY VOLUME 43,275 CU.FT.
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED FACILITY VOLUME OF 252,000 CU.FT.
COMBINED RIGHT NOS.: 36-00128, 36-00130, 36-00132, 36-15444,
36-15446, 36-15448, 36-15449 & 36-15451

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: 10/24/1992 User Id: CLELLAND Subject: COPIED FROM REMARKS
THE BENEFICIAL USE CLAIMS FOR HAGERMAN NATIONAL FISH HATCHERY & HAGERMAN FIELD STATION CLARIFY & UPDATE BENEFICIAL USE CLAIMS
36-04069, 36-04252 & 36-04253. WATER FROM LEN LEWIS SPRING IS COMINGLED WITH FLOWS FROM
SPRINGS NOS. 12, 13, 14, AND 15 AND MAIN SPRINGS, IN TOTAL OR IN PART.
OTHER WATER RIGHTS: 36-00128, 36-00129, 36-00130, 36-00131, 36-00132, 36-02308 & 7 BENEFICIAL USE CLAIMS.
PLACE OF USE: WATER USE IS WITHIN THOSE PORTIONS OF S06, T08S, R14E COMPRISING THE HAGERMAN NATIONAL FISH HATCHERY AND THE
HAGERMAN FIELD STATION.

Audit Fields

10/24/92 CLELLAND

Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	Field Inspection Made	- 10/22/1992	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 10/24/1992	Old Judicial District	-
Claim Received Date	- 09/11/1992	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- X111111	Water District	- 36A
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- OR	Presumption Flag	-
				Notice of Error Flag	-

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FEB 09 1993

CLAIM NO. A36 - 15450

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
CLAIM VERIFICATION EXAM SHEET
FOR SMALL INDUSTRIAL AND COMMERCIAL CLAIMS IN PLACE OF A CVR

1. ☒ No Change NAME:
☒ NEW OWNER: Code R
☒ No Change ADDRESS:
☒ NEW ADDRESS: see letter 10-15-92
☒ DATA ENTRY STANDARDS CHECKED?
2. ☐ No Change - DATE OF PRIORITY:
(EVIDENCE OF PRIORITY REQUIRED) ☐ Proof in File
☐ Claimant Contact if Not
- ☒ CHANGE- Priority date, per claimant, is 1950
(if the priority date, based on your exam, seems questionable,
explain in COMMENTS.) EX: D MAP OF PONDS
3. ☒ No Change - SOURCE:
☐ CHANGE - Different Source found: _____
4. ☒ No Change - POINT OF DIVERSION:
☐ Point of diversion is different than the claim
New P/D: Twp. _____, Rge. _____, Sec. _____, _____ 1/4 _____ 1/4 _____ 1/4

Note: If the 10-acre tract is shown on the claim, then
verification of the 10-acre parcel is needed. Otherwise the
10-acre tract is not required, unless the source is a spring.

5. ☒ No Change - DESCRIPTION OF DIVERTING WORKS:
☐ Complete items missing, IF KNOWN.

HP of pump _____ Static water level _____ Well depth _____
Casing size _____ Pumping water level _____ Gravity flow _____

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (H.P.) \times (EFF.)}{TDH}$

Q = CFS
H.P. = Total Brake Horsepower of pumping plant (including booster)
EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)
TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = depth to water in FEET from land surface to pumping
water level
PSI = pumping pressure measured in psi near pump
(if open discharge assume zero [0])

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$$Q = \frac{(8.8) (\dots\dots\dots) (0.70)}{[(\dots\dots\dots) + (\dots\dots\dots \times 2.31)]}$$

<u>LIFT FROM:</u>	<u>PSI FROM:</u>	<u>NOTES ON PUMP:</u>
measurement ()	measurement ()	Motor Make, Serial or ID
owner ()	owner ()	
area estimate ()	estimate ()	Pump Make, Serial or ID, rating
well logs ()	owner gage ()	
Booster (Y) (N)		
REMARKS		

.....
 DESCRIPTION OF USE: (Fully describe type, time & all aspects of Use)
Memo & Maps

CALCULATE VOLUMES: (time)X(rate)= Vol.

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6. ☒ No Change - WATER USES:
☐ RECOMMENDED USES:

						div	cons
Use	From	To	Amount	cfs	af		
Use	From	To	Amount	cfs	af		

☒ DATA ENTRY STANDARDS CHECKED FOR ITEMS 6, 7, 8 AND 9.

10. ☒ No Change - PLACE OF USE: (If changed, list below.)
☐ Use Twp. Rge. Sec. 1/4, 1/4, 1/4
SW NE
NW SE

13. ☒ No change - OTHER RIGHTS FOR SAME USE:
CHANGE: SEE REMARKS

14. ☒ REMARKS AND CONDITIONS
(copy existing remarks to comments in "R")
☒ LIST STANDARD REMARKS FOR THE RECOMMENDATION: ☐ NONE

DOG E12 VAR.

☐ LIST STANDARD CONDITIONS FOR THE RECOMMENDATION: ☒ NONE

15. ☒ BASIS OF CLAIM VERIFIED AS: D - L - P - S - (J) (circle one)

COMMENTS: (pertinent to field examination)

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FEB 09 1993

PAGE 4

CLAIM NO. A36-15450

ATTACHMENTS: Attached to This Form. Attachments are in Permit File.

PHOTOS

MAP

SYSTEM DIAGRAM

☐
☐
☐

☒
☒
☒

DATE EXAM CONDUCTED: 10-22-92

ACCOMPANIED BY: RANDY SCHMELLER & TOM SHAW

FIELD EXAMINER: STEVE CLELLAND

SIGNATURE:

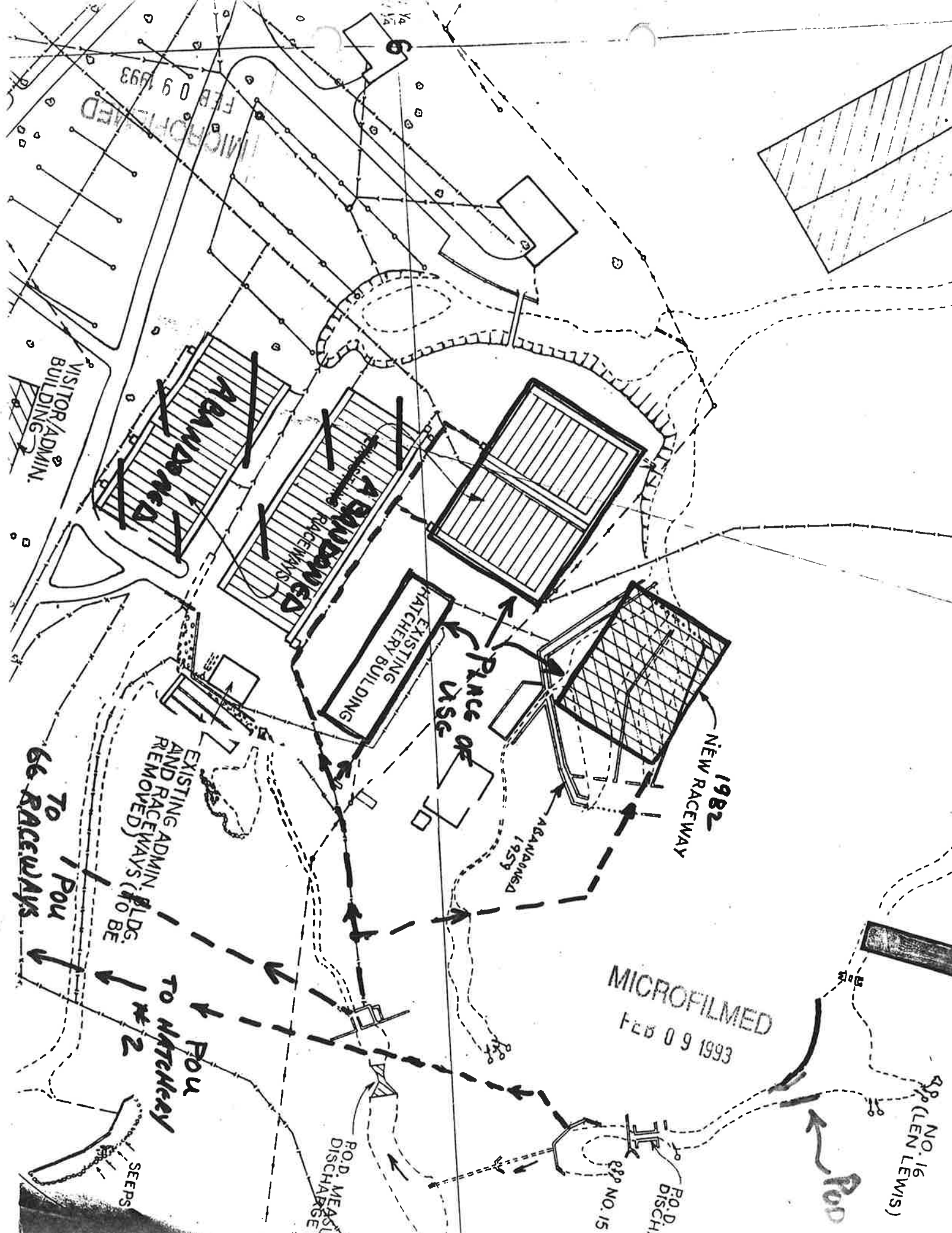
Steve Clelland

REVIEWED BY/DATE: 10-24-92 sw

DATA ENTRY BY/DATE: 10-24-92 sw

VERIFICATION BY/DATE: _____

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VISITOR/ADMIN.
BUILDING

ABANDONED

ABANDONED
RACEWAYS

EXISTING
HATCHERY BUILDING

Place of
USE

NEW RACEWAY
1982

ABANDONED
1959

EXISTING ADMIN. BLDG.
AND RACEWAYS (TO BE
REMOVED)

66 RACEWAYS
TO 1 POD

TO Hatchery
#2 POD

SEEPS

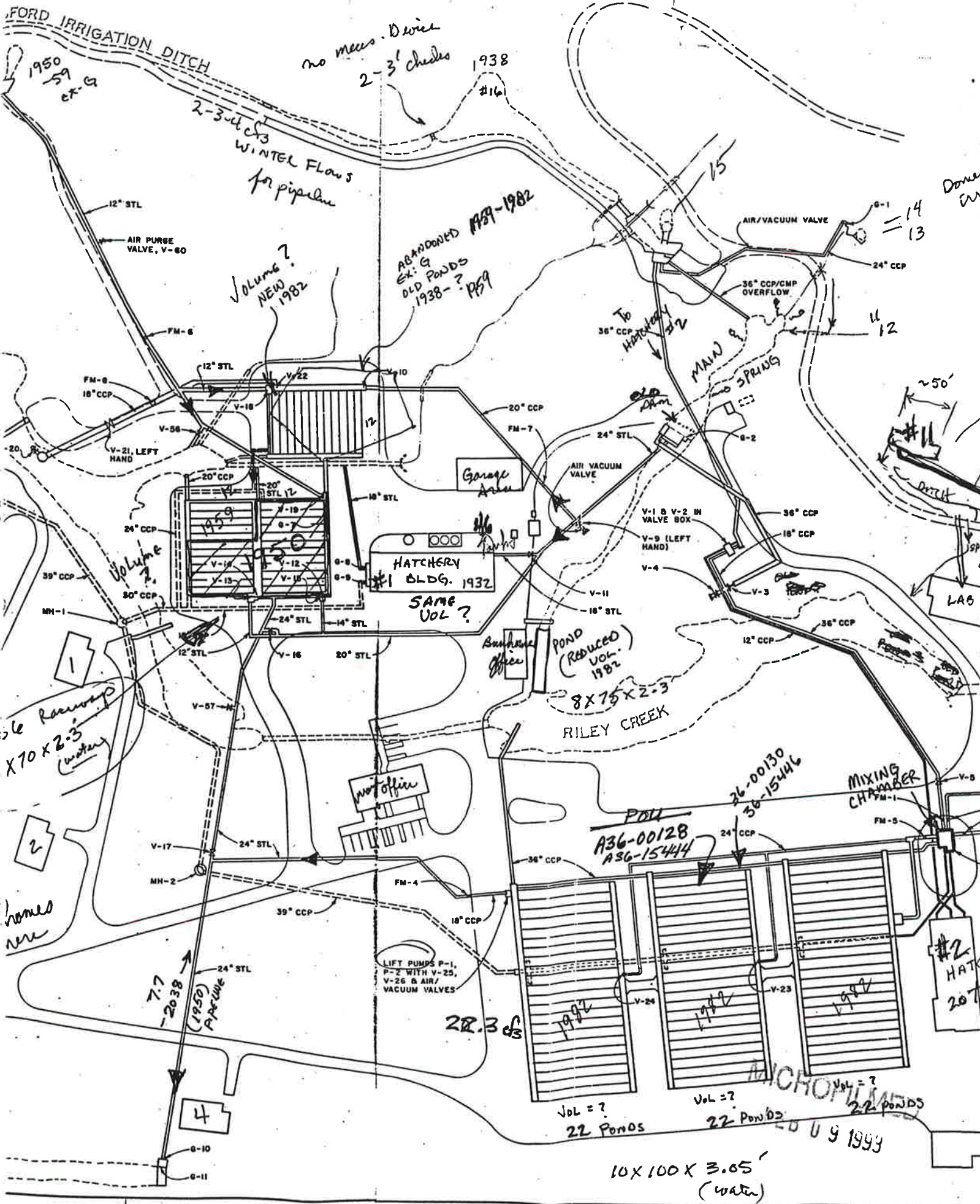
POD MEASUR
DISCHARGE

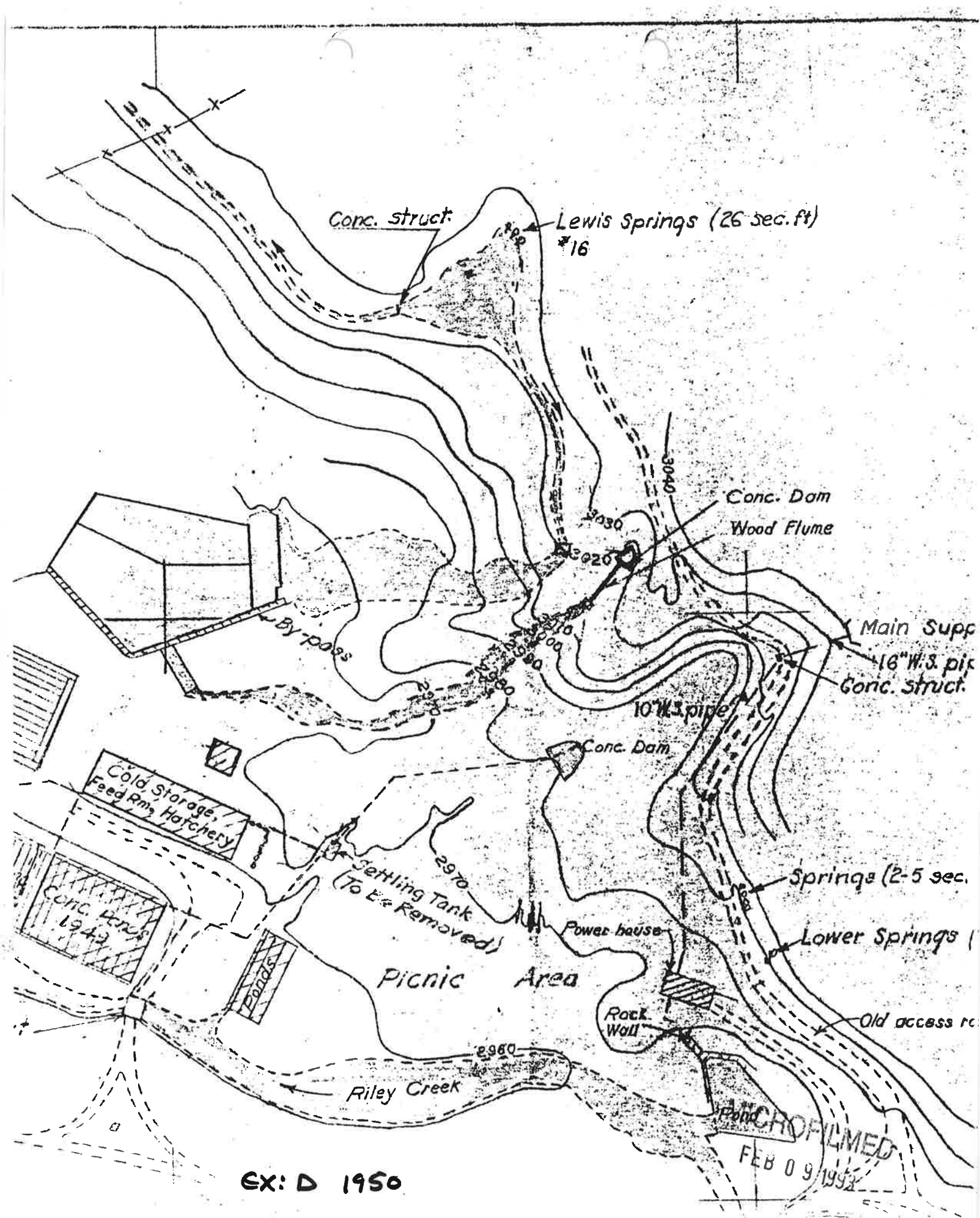
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POD NO. 15
DISCHA

POD

POD NO. 16
(LEN LEWIS)





Conc Structure
3' Opening 2 1/2' Deep

Fl. El. 22.8

NOTE:
ABANDONED
STRUCTURE
(REPLACEMENT
PONDS
UNKNOWN)

Unused
Overflow Str.

Overflow from
Irrigation

SPRING
#15

Conc. Wall

DIVERSION INTO MAIN
SPRINGS

MATCH LINE

Sheet 2
Sheet 3

AREA CALCULATIONS

- 130' x 65' = 84,50 sqft.
- △ 20 x 65' = 13,00 sqft.
- ▽ $\frac{55' \times 170'}{2} = 46,75 \text{ sqft}$

14425 sqft

assume 3' water = Volume of 43,275 cu.ft.

SCALE: 1" = 40'

Review of Historical Volume

for springs #15 & #16 by SEC 10-24-92

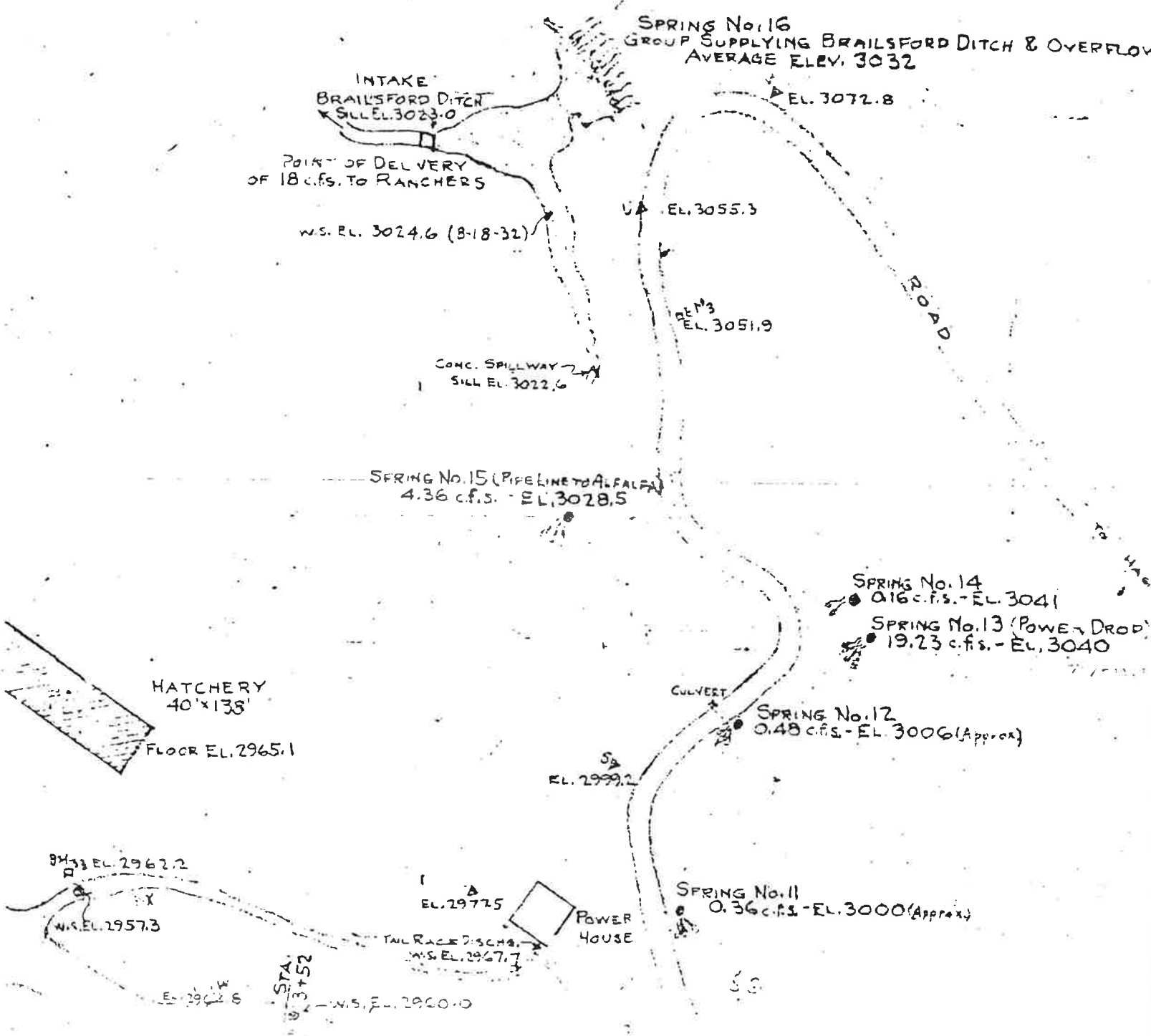
EX: G 8-10-1959

A36-15450

IF-ID-27-84

SPRING No. 17 (ISSUING UNDER BRAILSFORD DITCH)
3.41 c.f.s. - EL. 3016

Ex: A
1932



REVIEW OF A36-15450

by STEVE CLELLAND
10-24-92

Source is #16 Len Lewis Spring.

This spring was historically used to supply water users of the Brailsford Ditch. As shown in the 1932 map, Ex: A, the spring flowed into the rocks and drains to Riley Creek.

In 1938-39 a small pond was developed with about 3000 cu.ft. but it wasn't until the 1950's when the larger pond was developed for the facility volume of 43,275 cu.ft. The priority date was advanced to this date to cover the larger volume of ponds. This volume is also the same volume described in A36-15449, Spring #15. A combined limit for these two rights should limit them to 43,275 cu.ft. when used.

Currently this right combines with the spring #15 and dumps into the main Spring collection box and is piped to the mixing chamber or Hatchery #1 and the 36 Trout ponds. It can be used in the Display ponds and is probably most often the source of water for Hatchery #2, along with spring #15.

See
10-24-92

P.S. Diversion Rate: Based on the pre 1971 peak measurement from the enclosed statutory claim measurement sheets. After 1971, there is a possibility for an increase in the Spring flow available as Brailsford Ditch users became

more efficient with water through sprinklers & gated pipes. Winter flow to the Brailsford ditch is 2-3 cfs to keep the pipe from heaving due to Frost.

Also, the measuring device for the Brailsford ditch Diversion is very inaccurate most measurements are best guesses. No accurate measurement can be taken during irrigation flows.

(per field exam & conversation w/ Tom Shaw.)

SC
10-29-92

VOLUME CAPACITIES @ NATIONAL HATCHERY IN HAGERMAN

			<u>CUBIC FT.</u>
HATCHERY #1	46 TANKS @ 85 cu.ft.	=	3,910
HATCHERY #2	20 TANKS @ 85 cu.ft.	=	1,700
1982 TROUT PONDS	12 - 8'x70'x2.3'	=	15,456
1950 TROUT PONDS	24 - 8'x70'x2.3'	=	<u>30,912</u>
			46,368

STEELHEAD PONDS 66 - 10'x100'x3.05' = 201,300
(ROUNDED AS CLAIMED TO 200,000 cu.ft.)

DISPLAY POND 1 - 8'x75'x2.3' = 1,380

* SUBTOTAL → 254,658

@ FIELD STATION

#8 #9 SPRINGS:

1 - SMALL RACEWAY 10'x15'x2.5' = 375

1 - ROUND TANK 4'x20' DIA. = 1,257

#10 SPRINGS:

4 - RACEWAY 6'x50'x3' = 3,600

NEW LAB: (SPRINGS #8 + #11)

40 TANKS @ 175 GALLONS

260 TANKS @ 38 GALLONS

*** TOTAL: 254,658 + 7,489 = 262,147
Allowed 252,000 + 7489 = 259,489

= 16,880 GALLONS

7.48 GAL/CF

= 2,257

* SUBTOTAL → 7,489

CAPACITY allowed 252,000
- Display 1380
- 1300 To 200,000
+ Round up

MICROFILMED
FEB 9 1982

REVIEW BY
10-24-92
STEVE CLELLAND

CLAIM #
(SOURCE)

CFS

(REMA S)
FACILITY
VOLUME
(D06) cu.FT.

(NON-IRR)
FACILITY
CAPACITY + DESCRIPT

A36-00128
(BICKEL SPR.)

2.0

200,000

200,000

66
STEEL

A36-00129
(#10)

1.0

3,600

3,600

#10 pond

A36-00130
(RILEY CR.)

1.5

200,000

200,000

66
STEEL

A36-00131
(#8-#9)

1.0

3,889

3,889

LAB 10X12
20' TANK

Dom/IRR

A36-00132
(#11 + #13)

6.0

9,540

250,278

46 TANK
103 POUNDS

A36-02038
(BICKEL SPR.)

< DISALLOW >

A36-15444
(BICKEL SPR.)

18.3

200,000

200,000

66
STEEL

A36-15445
(#10)

0.60

3,600

3,600

#10 POND
ONLY

A36-15446
(RILEY CR.)

3.86

200,000

200,000

66
STEEL

A36-15447
(#8 + #9)

0.50

3,889

3,889

20' TANK
NEW LAB

A36-15448
(MAIN, 12, 13, 14)

20.0

80,962

252,000

ALL

A36-15449
#15

4.36

43,275

252,000

ALL

A36-15450
(#16 LL)

21.20

43,275

252,000

ALL

A36-15451
(#17)

4.01

30,912

46,368
30,912

36
TROUT

Water Right Number - 36-04069

Prefix Translation: WATER RIGHT

Old (D) Number -

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

*** C - CURRENT OWNER ***
US DEPT OF INTERIOR1 - FISH & WILDLIFE SERVICE
2 - P O BOX 3737
3 -
City- PORTLAND State- OR Zip- 97208
Phone -+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
01/01/1932 17 SOUTHERN S - STATUTORY CLAIM+ - - - - Source - - - - + + - - - - - Tributary - - - - - +
LEN LEWIS SPRING RILEY CREEK+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Stream Index (Blank if no Index Code)
08S 14E 6 SW NE (47) GOODING+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
19 - FISH PROPAGATION 09/15 04/15 24.000
19 - FISH PROPAGATION 04/15 09/15 8.000+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - +
24.000+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County
08S 14E 6 NE SW 19 FISH PROPAGATION (47) GOODING
08S 14E 6 NW SE 19 FISH PROPAGATION (47) GOODING

+ - - Diversion Means -

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use -

+ - - - - Remarks - - - - - +
No Remarks found.+ - - - - 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

Water right number - 36-04069

Prefix Translation: WATER RIGHT

+ - - - - - Comments - - - - - +
No Comments Found

+ - - Audit Fields - 03/12/85 05/28/88 CONVERT 08/09/88 CURTIS 01/26/92 POST-STD

+ - - - - - Water Rights Dates and Flags Area - - - - - +

Proof Due Date	- 00/00/0000	Field Exam Made	- 00/00/0000	Field Exam Fee	-
Approved/Denied	- 00/00/0000	Protested Date	- 00/00/0000	Swan Falls	-
Proof Made Date	- 00/00/0000	Hearing Date	- 00/00/0000	Temporary Right	- P
Exam to S.O. Date	- 00/00/0000	Verified Date	- 03/12/1985	DLE/Carey Act	-
Order Show Cause	- 00/00/0000	Receipt Number	-	Water District	-
Licensed Date	- 00/00/0000	Appl Received	- 00/00/0000	Transfer/Amended	-
Decree Date	- 00/00/0000	Presumption Flag	-		

10-24-92

1:15 PM

VIA TELEFAX

To: Steve Clelland 208-736-3037

From: Barbara Scott-Brier *BS*

Subject: Peak flows from various sources

(i) Riley Creek

We claim peak flow of 6 cfs which is split between decreed right #00130 (1^{1.5} cfs) and beneficial use right #15446 (4.5) cfs.

The draft report only gives 3.86 cfs for #15446.

SEE Document: "March 1980 Record of Water Supply Measurements, Hagerman NTH"

LOCATION No. 8 Riley Creek 2675 gpm [= 5.96 cfs]

(ii) Bickle Spring Creek

We claim peak flow of 22.3 cfs which is split between decreed right #00128 (2 cfs) and beneficial use right #15444 (20.3) cfs.

The draft report only gives 18.3 cfs for #15444.

SEE DOCUMENT: "November 1978 Record of Water Supply Measurement, Hagerman NTH"

LOCATION No. 11 Bickle Dam 19,017 gpm [= 22.32 cfs]

(iii) Spring #15

We claim peak flow of 4.5 cfs.

The draft report only gives 4.36 cfs.

SEE DOCUMENT: "November 1989 Record of Water Supply Measurement..."

LOCATION No. 2 Spring No. 15 2,021 gpm [= 4.503 cfs]

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Feb 7 1993

10-24-92
Page 2

(iv) Spring 17

We claim 4.9 peak flow - beneficial use right # 15451.

The draft report only gives 4.01.

SEE DOCUMENT "August 1991 Record of Water Supply
Measurements..." LOCATION NO. 4 SPRING # 17

2062 gpm [= 4.59 cfs]

NOTE: We have not yet located the document showing
4.9 cfs but we are still looking. Also, note that
earlier records were estimates ^{for spring #17} & this record is a measured
rate, after installation of a v-notch weir, for spring #17.

(v) LEW LEWIS SPRING

We claim a peak diversion rate of 24 cfs.

The draft report only gives 21.2 (BASIS?)

SEE DOCUMENT "March 1980 Record of Water Supply
Measurements..." LOCATION NO. 1 BRADFORD DCH

10588 gpm (= 23.59 cfs).

NOTE: We are still looking for other documentation.

- END -

RECEIVED
FEB 11 1993

RECORD OF WATER SUPPLY MEASUREMENTS HAGERMAN NATIONAL FISH HATCHERY GOODING COUNTY, IDAHO

E = Estimate.

Submitted By Walter C. Harris
Title Asst. Mgr.

Month March 1950

Month		19		C		D		F		REMARKS												Initial	Date						
A		B		C		D		F																					
Location No.1	Location No.2	Loca on No.3	Location No.4	Location No.11	Location No.8	Location No.12	Location No.6	Location No.7	Location No.9	Location No.10																			
Brailsford Dch	Spring No.15	Spr.No.14,15,16	Spring No 17	Bickle Dam	Riley Creek	State Mgt.Area	Hot. Tailrace	2' Parshall	Lab.-Spr.8,9,10	Lab-Spr.11,12																			
Rated Flume	2' Weir-Bd.crst	4' Parshall Flm		15' Cipo Weir	7' Cipo Weir	15' Cipo Weir	3' Cipo Weir		1.5' Cipo Weir	2' Cipo Weir																			
Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage in.	Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage ft.	Discharge g.p.m.	Gage ft.	T	P	R	C	D	C-D	F					
1																										1			
2																										2			
3																										3			
4																										4			
5																										5			
6																										6			
7	185	898.3	32	525	184	18891	E	1500	.45	7540	.40	2675	.13	1062	.56	1898	.60	1625	E	1800	E	300	39	63	30606	4585	24081	MGT	7
8																											8		
9																											9		
10																											10		
11																											11		
12																											12		
13																											13		
14	185	898.3	32	525	184	18891	E	1500	.48	7540	.33	2477	.16	1454	.60	2105	.48	1153	E	1800	E	300	46	65	30408	4712	25696	MGT	14
15																											15		
16																											16		
17																											17		
18																											18		
19																											19		
20	Brailsford D. Dam	still off																									20		
21	180	10588	.42	781	194	26532	E	1500	.54	8194	.38	2477	.14	1188	.64	2320	.74	2253	E	1800	E	300	46	62	33503	5761	27742	FH	21
22																											22		
23																											23		
24																											24		
25																											25		
26																											26		
27	Brailsford D. Dam	still off																									27		
28	180	10588	.42	781	194	26532	E	1500	.54	8194	.38	2477	.14	1188	.64	2320	.72	2159	E	1800	E	300	46	57	32843	5667	27716	FH	28
29																											29		
30																											30		
31																											31		

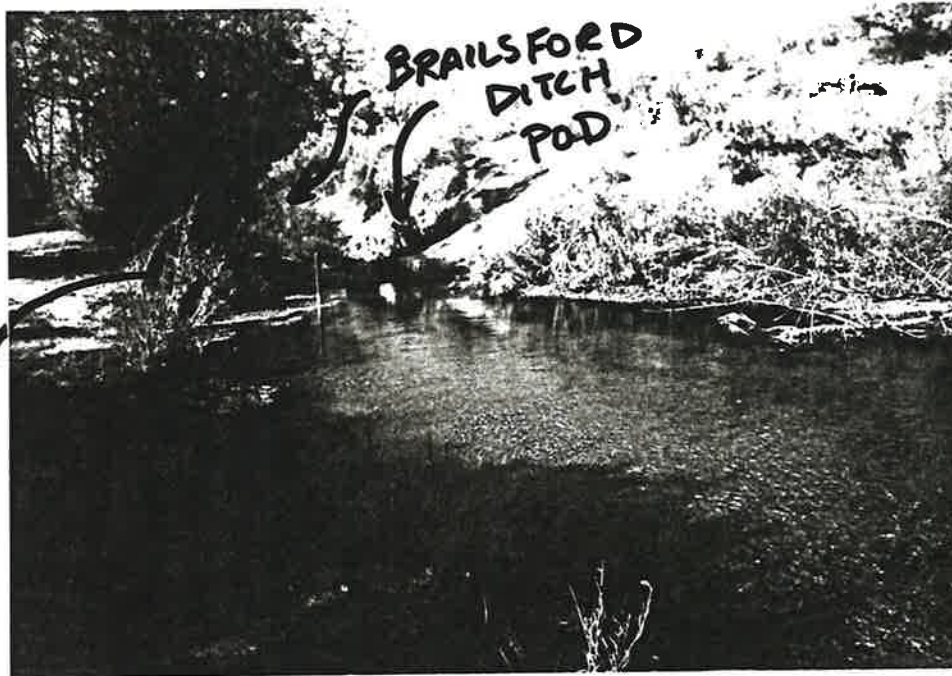
2-10' 68' Raceways In Operation. R=8'x70' Raceways In Operation)

IF MISC. 181.1

(Supply Location Shown On Drawing - IF 10A 129 105 0)

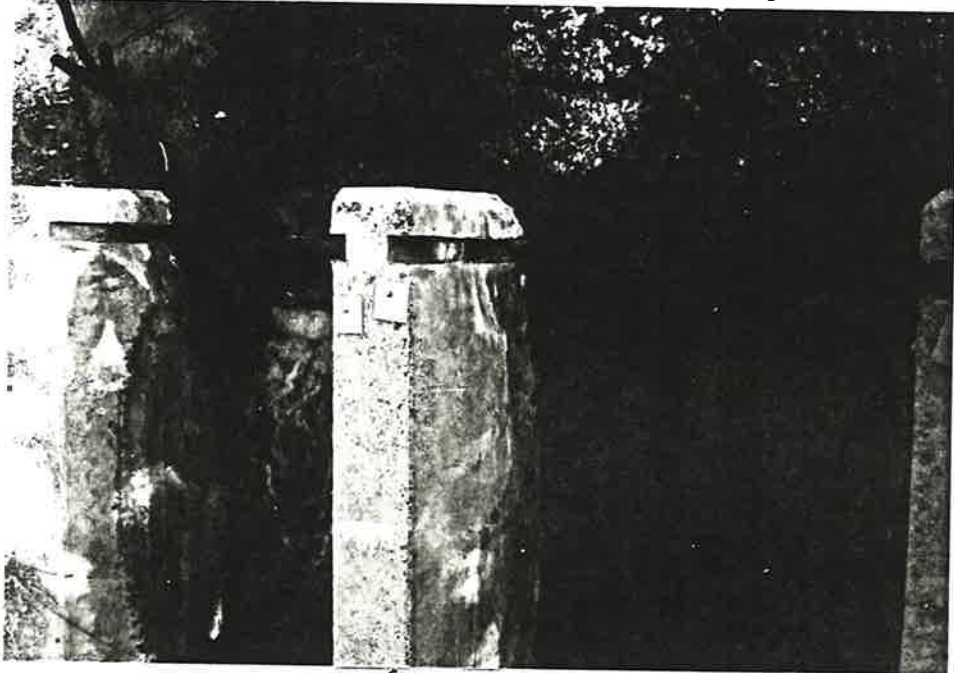
(T = Hatchery Tanks In Operation, P = 10'x68' Raceways In Operation, R = 8'x70' Raceways In Operation)

IF MISC. 181.1



834

↓ BRAILSFORD DITCH DIVERSION - NO MEASURING DEVICE



↓ FLOWS TO BRAILSFORD DITCH ↓

USFW @ HAGERMAN

PHOTOS BY SCW
10-22-92



#16 FLOW TO MAINSPRING AREA

TOM SHAL 11.15.1. MSG.

#16 LEN Le SPRINGS

A36-15450

24.0 cfs

(36-04069)

EX: A 1932 #16 (group) Head of Brinkford ditch for 18.0 cfs.
no total diversion, overflow spills to Riley Creek.
no use shown for overflow.

FREW: 1938-1939 pond volume = 3000 cu ft

EX F

1950

↑ 42,000 cu ft

EX D

CONVERSATION MEMORANDUM

EMPLOYEE: STEVE CLELLAND

FILE USFW CLAIMS

RE: Proof of evidence of Priority & Historical Use Evidence

DATE 10-5-92

NAME OF PARTY

BARBARA SCOTT-BREIR

(FISH & WILDLIFE ATTORNEY) Dept of Interior

she provided: Her # 503-231-2139

- OR -

FAX: 503-231-2166

RANDY SCHMELLER 503-231-6145

- OR -

FAX: 503-231-6259

She called to find out more of what Helen Thornton and I have requested by letters. We discussed the historical development of the fish propagation (from instream ponds to raceways) and we considered possible examples of proof since not much is recorded.

I mentioned the need for a right back to 1933 may not be required if solid proof can support a later date.

She was concerned about the 12th & 14th Deadline dates. I said the dates will stand but get your information in ASAP. We both realized the time constraints of these claims; with NOE and the new Director's Report plus review of these claims time is short.

She gave the above numbers & names to help avoid any future mailing delays of information & or questions.

CONVERSATION MEMORANDUM

EMPLOYEE: STEVE CLELLAND

FILE F&W claims

RE: UPDATE ON PROOF OF PRIORITIES & FLOWS

DATE 10-15-92

NAME OF PARTY

Barbara Scott-Brier

(503)-231-2139

(FISH & WILDLIFE ATT.)

I called to see if they have responded to our request for information. She said they would be mailing it by overnight Mail Tonight; I should have it Friday.

~~She~~ Dave Shaw suggested I call and explain our concern of the 1982 Expansion. We have the June 1980 ASCS color aerial slide photo which shows less raceways than currently used.

She explained again that much of the early uses were in-stream uses on Riley Creek and one of its tributaries. For example, Hatchery Lake was much larger than now. The early fish culture was less scientific and all the water was diverted and ponded for use.

Over the years the concrete raceways developed to use the same flow rates while raising more fish.

Apparently the Hatchery facility is at the maximum development; Hatchery personnel told her the water available is now the controlling factor in the size of the operation.

I asked about the Steelhead use and reduced operation during the year. She said they operate year around and may have less flow in some months.

In asking about a full exam or conversation with Hagerman personnel, she asked if we first contact her office.

36-4069

COMPUTATION SHEET DIVISION OF ENGINEERING - BSW PORTLAND, OR				DATE 5/9/78		PAGE 1 OF 8	
DESCRIPTION Hat-berry use of water				STATION Hogman NFH			
From Lap Louis Spring				JOB NUMBER		CHECKED	
BY M. K. K.							
Year/Mon.	Average Flow		Minimum Flow		Maximum Flow		
	GPM	CFS	GPM	CFS	GPM	CFS	
1963/Jan	Missing	-	-	-	-	-	
Feb	8146	18.2	8146	18.2	8146	18.2	
Mar	8146	18.2	8146	18.2	8146	18.2	
Apr	7214	16.1	6225	13.7	9492	21.2	
May	5884	13.1	4425	9.7	8662	19.3	
Jun	5273	11.8	4681	10.4	5583	12.5	
Jul	4484	10.0	4039	9.0	5583	12.5	
Aug	3534	7.9	3142	7.0	3909	8.7	
Sep	Missing	-	-	-	-	-	
Oct	4039	9.0	3783	8.4	6351	14.2	
Nov	5674	12.7	4555	10.2	6095	13.6	
Dec	5685	12.7	4351	9.7	6351	14.2	
1964/Jan	7126	15.9	6095	13.6	7378	16.5	
Feb	7253	16.2	7253	16.2	7253	16.2	
Mar	Missing	-	-	-	-	-	
Apr	6204	13.8	3528	7.9	7253	16.2	
May	4392	9.8	4039	9.0	4555	10.2	
Jun	4772	10.6	4555	10.2	5067	11.3	
Jul	4930	11.0	4295	7.6	3931	8.3	
Aug	4338	9.7	3909	8.7	4555	10.2	
Sep	3922	8.7	3909	8.7	4039	9.0	
Oct	5693	12.7	3909	8.7	8662	19.3	
Nov	7725	17.2	7508	16.7	8662	19.3	
Dec	7512	16.8	7378	16.5	7634	17.0	

PEAK
FLOW
Prior to
1971

Microfilm
57111-102

COMPUTATION SHEET
DIVISION OF ENGINEERING - BSW
PORTLAND, OREGON

DATE 5/9/78

PAGE 2 OF 3

STATION 147, main 1171

DESCRIPTION Hatchery use of water

JOB NUMBER

From Lap Lewis Spring

BY H. V. G. CHECKED

Year/Mon.	Average Flow		Minimum Flow		Maximum Flow	
	GPM	CFS	GPM	CFS	GPM	CFS
1965/Jan	7437	16.8	7378	16.5	7508	16.7
Feb	7378	16.5	7378	16.5	7378	16.5
Mar	7559	16.9	7508	16.7	8020	17.7
Apr	7115	15.9	6451	14.5	7754	17.3
May	5878	13.1	5193	11.6	7253	16.2
Jun	5401	12.0	5323	11.9	5583	12.5
Jul	4926	11.0	4681	10.4	7378	16.5
Aug	3609	8.0	1500	3.3	5583	12.5
Sep	4322	9.6	3907	8.7	4511	10.7
Oct	6065	13.5	4811	10.7	6962	15.3
Nov	6606	14.7	6606	14.7	6606	14.7
Dec	6606	14.7	6606	14.7	6606	14.7
1966/Jan	6558	14.6	6491	14.5	6606	14.7
Feb	6511	14.5	6351	14.2	6606	14.7
Mar	6483	14.5	6351	14.2	8270	18.5
Apr	6428	14.3	4911	10.7	8270	18.5
May	4967	11.1	4911	10.7	5193	11.6
Jun	5189	11.6	5067	11.3	5193	11.6
Jul	5131	11.4	4555	10.2	5713	11.6
Aug	4740	10.6	4681	10.4	4811	10.7
Sep	5076	11.3	4555	10.2	5707	12.7
Oct	5826	13.0	5707	12.7	5987	13.5
Nov	5702	12.7	5583	12.5	5987	13.5
Dec	6740	15.5	5583	12.5	5987	13.5

COMPUTATION SHEET

DIVISION OF ENGINEERING - OSFW
PORTLAND, O

DATE 5/9/78

PAGE 3 OF 3

STATION Hwy man NTH

DESCRIPTION Hatchery use of water

JOB NUMBER

From Jan Lewis Spring

BY McVern CHECKED

Year/Mon.	Average Flow		Minimum Flow		Maximum Flow	
	GPM	CFS	GPM	CFS	GPM	CFS
1967/ Jan	8084	18.0	7764	17.3	8146	18.2
Feb	8202	18.3	8146	18.2	8402	18.7
Mar	8402	18.7	8402	18.7	8402	18.7
Apr	6415	14.3	5323	11.9	8402	18.7
May	5323	11.9	5323	11.9	5323	11.9
Jun	5613	12.5	5323	11.9	7578	16.5
Jul	5583	12.5	5583	12.5	5583	12.5
Aug	5875	13.1	5583	12.5	5875	13.3
Sep	5548	12.4	5433	12.2	6095	13.6
Oct	5701	12.7	5583	12.5	6606	14.7
Nov	6531	14.6	6481	14.5	6606	14.7
Dec	6508	14.5	6095	13.6	6606	14.7
1968/ Jan	5880	13.1	5282	12.5	6095	13.6
Feb	6942	15.5	5709	12.7	7253	16.2
Mar	7253	16.2	7253	16.2	7253	16.2
Apr	7619	17.0	6736	15.0	7914	17.6
May	6099	13.6	5839	13.0	6736	15.0
Jun	5881	13.1	4811	10.7	6095	13.6
Jul	4654	10.4	4167	9.3	5881	13.1
Aug	3251	7.2	2756	6.1	6095	13.6
Sep	4341	9.7	1764	3.9	5881	13.1
Oct	3874	8.6	3272	7.3	4341	9.7
Nov	4266	9.5	4169	9.3	4266	9.5
Dec	5635	12.6	4295	9.6	5635	12.6

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FEB 18 1978

COMPUTATION SHEET DIVISION OF ENGINEERING PORTLAND, OREGON				DATE 5/9/73		PAGE 4 OF 8	
STATION Hagaman NFH				JOB NUMBER			
DESCRIPTION Hatchery use of water from Ten Lewis Spring				BY H. S. V. M. CHECKED			
Year/Mon.	Average Flow		Minimum Flow		Maximum Flow		
	GPM	CFS	GPM	CFS	GPM	CFS	
1969/Jan	6776	15.1	6481	14.5	6362	15.3	
Feb	7773	17.3	6736	15.0	8402	18.7	
Mar	7848	17.5	7764	17.3	7874	17.6	
Apr	7739	17.7	7634	17.0	9166	20.7	
May	6136	13.7	5839	13.0	7634	17.0	
Jun	6043	13.5	5765	13.3	6015	13.6	
Jul	6481	14.5	6481	14.5	6481	14.5	
Aug	6020	13.4	5323	11.9	7122	15.9	
Sep	5323	11.9	5323	11.9	5323	11.9	
Oct	5323	11.9	5323	11.9	5323	11.9	
Nov	5336	11.9	5323	11.9	5453	12.2	
Dec	5453	12.2	5453	12.2	5453	12.2	
1970/Jan	6627	14.8	5453	12.2	8402	18.7	
Feb	8385	18.7	8146	18.2	8402	18.7	
Mar	8147	18.2	8020	17.9	8276	18.5	
Apr	7836	17.5	7378	16.5	9146	19.2	
May	6470	14.5	5709	12.7	6562	15.0	
Jun	5876	13.1	5709	12.7	5709	12.7	
Jul	6062	13.5	5831	13.0	5831	13.0	
Aug	6734	15.0	6481	14.5	6481	14.5	
Sep	6607	14.7	6481	14.5	6481	14.5	
Oct	6385	14.2	6225	13.9	6606	14.7	
Nov	6180	13.8	5765	13.3	6481	14.5	
Dec	5850	13.0	5709	12.7	5709	12.7	

COMPUTATION SHEET DIVISION OF ENGINEERING - BSEW PORTLAND, O. OH				DATE 5/9/78		PAGE 5 OF 3	
STATION 1422 Main Ave				JOB NUMBER		CHECKED	
DESCRIPTION Hatchery use of water				BY McVern			
Green Lane Spring							
Year/Mon.	Average Flow		Minimum Flow		Maximum Flow		
	GPM	CFS	GPM	CFS	GPM	CFS	
1971/ Jan	6708	15.0	5837	13.0	8532	19.0	
Feb	8467	18.9	6402	18.7	8532	19.0	
Mar	8817	19.7	6402	18.7	9066	20.2	
Apr	8451	18.9	6862	15.3	8781	19.9	
May	6032	13.5	5709	12.7	6712	15.6	
Jun	5894	13.1	5839	13.0	5765	13.3	
Jul	6110	13.6	5067	11.3	7764	17.3	
Aug	6178	13.8	5839	13.0	7764	17.3	
Sep	5927	13.2	5837	13.0	5765	13.3	
Oct	5965	13.3	5765	13.3	5765	13.3	
Nov	7438	16.6	5765	13.3	8146	18.2	
Dec	8481	18.9	8146	18.2	8599	19.2	
1972/ Jan	8234	18.4	8146	18.2	8599	19.2	
Feb	8492	18.9	8146	18.2	8532	19.0	
Mar	8532	19.0	8532	19.0	8532	19.0	
Apr	8258	18.4	6075	13.6	8532	19.0	
May	4754	10.6	4555	10.2	6075	13.6	
Jun	4602	10.3	4362	9.7	4681	10.4	
Jul	1963	4.4	0	0	4651	10.3	
Aug	0	0	0	0	0	0	
Sep	0	0	0	0	0	0	
Oct	0	0	0	0	0	0	
Nov	5013	11.2	0	0	7253	16.2	
Dec	7253	16.2	7253	16.2	7253	16.2	

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FEB 1 1978

COMPUTATION SHEET			DATE 5/3/78		PAGE 6 OF 17	
DIVISION OF ENGINEERING PORTLAND, O. JAN			STATION Map. 107-11			
DESCRIPTION Hatchery use of water			JOB NUMBER			
From Jan Lewis Spring			BY 1/18/60		CHECKED	
Year/Mon.	Average Flow		Minimum Flow		Maximum Flow	
	GPM	CFS	GPM	CFS	GPM	CFS
1973/Jan	7198	16.1	7122	15.7	7253	16.2
Feb	8036	17.7	7122	15.7	8402	18.7
Mar	8361	18.6	7122	15.7	8402	18.7
Apr	9711	21.7	8402	18.7	10584	23.6
May	5252	11.7	4631	10.4	10584	23.6
Jun	4970	10.9	4631	10.4	5193	11.6
Jul	5411	12.1	5193	11.6	5453	12.2
Aug	5482	12.2	5453	12.2	5543	12.2
Sep	5658	12.6	5453	12.2	5707	12.7
Oct	5227	11.7	4811	10.7	6095	13.6
Nov	4811	10.7	4811	10.7	4811	10.7
Dec	4869	10.9	4811	10.7	5161	11.5
1974/Jan	4811	10.7	4811	10.7	4811	10.7
Feb	4470	10.0	4631	9.8	4811	10.7
Mar	10600	23.6	4631	10.4	12326	27.5
Apr	8576	19.1	7378	16.4	12326	27.5
May	4739	10.6	3211	6.7	12326	27.5
Jun	5037	11.2	4631	10.4	5453	12.6
Jul	5264	11.7	5193	11.6	5453	12.6
Aug	6643	14.8	4739	10.6	5453	12.6
Sep	5010	11.2	4631	10.4	5453	12.6
Oct	1997	4.5	736	1.6	5453	12.6
Nov	4674	10.4	4555	10.2	5453	12.6
Dec	4640	10.3	4555	10.2	5453	12.6

COMPUTATION SHEET		DATE 3/9/78		STATION Haggan A-14	
DIVISION OF ENGINEERING		PAGE 7		OF 8	
DESCRIPTION: Haggan use of water					
From top house - spring					
BY: Haggan		CHECKED:			

Year/Mon.	Average Flow	Minimum Flow	Maximum Flow
1975/Jan	46.45	10.4	45.55
Feb	46.81	10.4	42.95
Mar	59.84	13.3	46.81
Apr	64.25	14.3	62.25
May	59.86	13.3	46.81
Jun	46.81	10.4	46.81
Jul	46.81	10.4	46.81
Aug	51.62	11.5	47.21
Sep	60.01	13.4	54.53
Oct	64.84	14.5	51.93
Nov	52.62	11.7	51.93
Dec	53.23	11.9	51.73
1976/Jan	52.52	11.7	51.93
Feb	51.93	11.6	51.93
Mar	52.61	11.7	50.67
Apr	55.57	12.4	54.53
May	44.96	10.0	44.69
Jun	43.13	9.6	41.67
Jul	45.87	10.2	42.95
Aug	41.03	9.1	48.11
Sep	47.50	10.6	46.91
Oct	45.19	10.1	39.07
Nov	38.04	8.5	32.72
Dec	53.09	11.8	52.72

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COMPUTATION SHEET
DIVISION OF ENGINEERING
PORTLAND, ORE.

DATE 5/9/78

PAGE 5

OF 8

DESCRIPTION Hatchery use of water

STATION Hagaman AFH

JOB NUMBER

From San Louis Spring

BY M. J. J. J.

CHECKED

Year/Mon.	Average Flow		Minimum Flow		Maximum Flow	
	GPM	CFS	GPM	CFS	GPM	CFS
1977/Jan	5689	12.7	5583	12.5	5939	13.0
Feb	5729	12.8	5593	12.5	5959	13.0
Mar	5733	12.8	5709	12.7	5929	13.0
Apr	4735	11.0	3397	7.6	5709	12.7
May	3307	7.4	3142	7.0	3529	7.7
Jun	3207	7.2	3142	7.0	3272	7.3
Jul	3171	7.1	3142	7.0	3272	7.3
Aug	No use - Disinfecting Ponds thru Sep. 15					
Sep	4717	10.5	0	0	5929	13.0
Oct	9269	20.7	8721	19.7	7	7
Nov	8831	19.7	8721	19.6	5929	13.0
Dec	6012	13.4	5583	12.5	8721	19.7
1978/Jan	5995	13.4	5839	13.0	6025	13.6
Feb	5939	13.2	5839	13.0	5929	13.0
Mar	9855	22.0	5965	13.3	10299	23.1
Apr						
May						
Jun						
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Aug						
Sep						
Oct						
Nov						
Dec						

RECEIVED

SEP 1 1978

Department of Water Resources
Southern District Office

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF CLAIM NO.	)	
36-4069, OF UNITED STATES	)	<u>EXCEPTION TO CLAIM</u>
FISH & WILDLIFE SERVICE	)	<u>BY BRAILSFORD DITCH COMPANY</u>

COMES NOW, W. N. Brailsford, President of the
Brailsford Ditch Company, and states:

1. Claim No. 36-4069 alleges claimant's rights to
waters from Len Lewis Spring which is a tributary of Riley
Creek of the total estimated flows of the Spring, 18 cubic feet
per second have been adjudicated to the Brailsford Ditch
Company and their users in the New International Mortgage Bank
v. Idaho Power Company Court Decree, entered in 1932.

2. Claim No. 36-4069 on its face would indicate a
use of 24 cubic feet per second for fish culture between
September 1st and March 15th of each year since January 1932,
the priority date claimed therein. Your affiant, on behalf of
the board of directors and the landowners of the Brailsford
Ditch Company, refute the alleged use of 24 cubic feet by
claimant between September 15th and March 15th and submit that
in no year prior to 1932 or since 1932 has the U. S. Fish & Wildlife

1 Wildlife Service continuously used 24 cubic feet of water from
2 the Len Lewis Spring between September 15th and March 15th.

3 3. Under the provisions of the New International
4 Mortgage Bank v. Idaho Power Company decree, the Brailsford
5 Ditch Company have always exercised the right to use their full
6 entitlement when needed for beneficial purposes.

7 4. The U. S. Fish & Wildlife Service's has tradi-
8 tionally diverted 8.0 cubic feet per second for fish culture on
9 a year around basis. Any additional water available to
10 claimant has been at such time as the water was turned to the
11 claimant with the permission of the Brailsford ditch users.
12 Such use of water has always been subject to the right of the
13 Brailsford Ditch Company and its users to cease spilling said
14 water to the claimant in the discretion of the Brailsford Ditch
15 Company and its landowners.

16 5. Any attempted diversion of the Len Lewis Spring
17 from the Brailsford ditch water at times that such rightful
18 entitlements are being beneficially applied by the Brailsford
19 Ditch Company shall be met with legal action.

20 DATED this 30 day of August, 1978.

21
22 W. N. Brailsford
23 W. N. Brailsford, President
24 Brailsford Ditch Company
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BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF CLAIM NO.	)	<u>AFFIDAVIT IN SUPPORT</u>
36-4069, OF UNITED STATES	)	<u>OF EXCEPTION TO CLAIM</u>
FISH & WILDLIFE SERVICE	)	<u>BY BRAILSFORD DITCH COMPANY</u>

STATE OF IDAHO)
County of *Boading*) ss.

COMES NOW, Vernon J. Mavencamp, of Route #1, Box 232, Hagerman, Idaho 8332, and on oath, deposes and says:

1. That this affidavit is given in support of the Exception to Claim No. 36-4069 filed by U. S. Fish & Wildlife Service.

2. That your affiant has been a landowner with water rights in he Brailsford Ditch since 1947. That of his own knowledge, your affiant is aware that waters have been turned to the U. S Fish & Wildlife Service fish hatchery as alleged in the claim but only at such times as they were not needed for beneficial purposes by the Brailsford ditch users or at such times as the ditch users were performing maintenance. In no year has the U. S. Fish & Wildlife Service continuously diverted more than 8.0 cubic feet per second (which is the entitlement from the Len Lewis Spring) between the dates of September 15th and March 15th.

1
2 3. That the Brailsford Ditch Company officers,
3 directors, landowners, and agents have a right to divert up to
4 a total of 18 cubic feet per second for beneficial purposes on
5 a year around basis pursuant to the New International Mortgage
6 Bank v. Idaho Power Company decree.

7 DATED this 18 day of Aug., 1978.
8

9 Vernon J. Mavencamp
Vernon J. Mavencamp

10 SUBSCRIBED and SWORN to before me this 18th day of
11 August, 1978.

12
13 [Signature]
14 NOTARY PUBLIC FOR IDAHO
15 Residing at: Hagerman
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08S14E

08 LT04	08 LT03	08 LT02	08 LT01	08 LT04	08 LT03	08 LT02	08 LT01	04 LT04	04 LT03	04 LT02	04 LT01	03 LT04	03 LT03	03 LT02	03 LT01	02 LT04	02 LT03	02 LT02	0
08 LT05	08 SENW	08 SWNE	08 SENE	05 SWNW	05 SENW	05 SWNE	05 SENE	04 SWNW	04 SENW	04 SWNE	04 SENE	03 SWNW	03 SENW	03 SWNE	03 SENE	02 SWNW	02 SENW	02 SWNE	0 SE
08 LT06	08 LT07	08 NWSE	08 NESE	05 NWSW	05 NESW	05 NWSE	05 NESE	04 NWSW	04 NESW	04 NWSE	04 NESE	03 NWSW	03 NESW	03 NWSE	03 NESE	02 NWSW	02 NESW	02 NWSE	0 NE
08 LT11	08 LT10	08 LT09	08 LT08	05 SWSW	05 SESW	05 SWSE	05 SESE	04 SWSW	04 SESW	04 SWSE	04 SESE	03 SWSW	03 SESW	03 SWSE	03 SESE	02 SWSW	02 SESW	02 SWSE	0 SE
07 LT03	07 NENW	07 LT02	08 LT01	08 NENW	08 NWNE	08 NENE	08 NENE	08 NENW	08 NENW	08 NWNE	08 NENE	10 NENW	10 NENW	10 NWNE	10 NENE	11 NENW	11 NENW	11 NWNE	1 NE
07 LT04	07 SENW	07 SWNE	07 LT05	08 LT02	08 SENW	08 SWNE	08 SENE	08 SWNW	08 SENW	08 SWNE	08 SENE	10 SWNW	10 SENW	10 SWNE	10 SENE	11 SWNW	11 SENW	11 SWNE	1 SE
07 LT07	07 NESW	07 NWSE	07 LT06	08 LT03	08 NWSE	08 NESE	08 NWSW	08 NESW	08 NWSE	08 NESE	08 NESE	10 NWSW	10 NESW	10 NWSE	10 NESE	11 NWSW	11 NESW	11 NWSE	1 NE
07 LT08	07 SESW	07 SWSE	07 SESE	08 LT04	08 SWSE	08 SESE	08 SWSW	08 SESW	08 SWSE	08 SESE	08 SESE	10 SWSW	10 SESW	10 SWSE	10 SESE	11 SWSW	11 SESW	11 SWSE	1 SE
18 LT01	18 NENW	18 NWNE	18 NENE	17 LT02	17 NENE	17 NENE	18 NENW	18 NENW	18 NWNE	18 NENE	18 NENE	15 NENW	15 NENW	15 NWNE	15 NENE	14 NENW	14 NENW	14 NWNE	1 NE
18 LT02	18 SENW	18 SWNE	18 SENE	17 LT03	17 LT04	17 SWNE	17 SENE	18 SWNW	18 SENW	18 SWNE	18 SENE	15 SWNW	15 SENW	15 SWNE	15 SENE	14 SWNW	14 SENW	14 SWNE	1 SE