

IDAHO DEPARTMENT OF WATER RESOURCES

T07S, R05E, S8



1987 NAPP PHOTO

SECTION LINES

POD

POU

1/4 1/4 LINES

ACRES

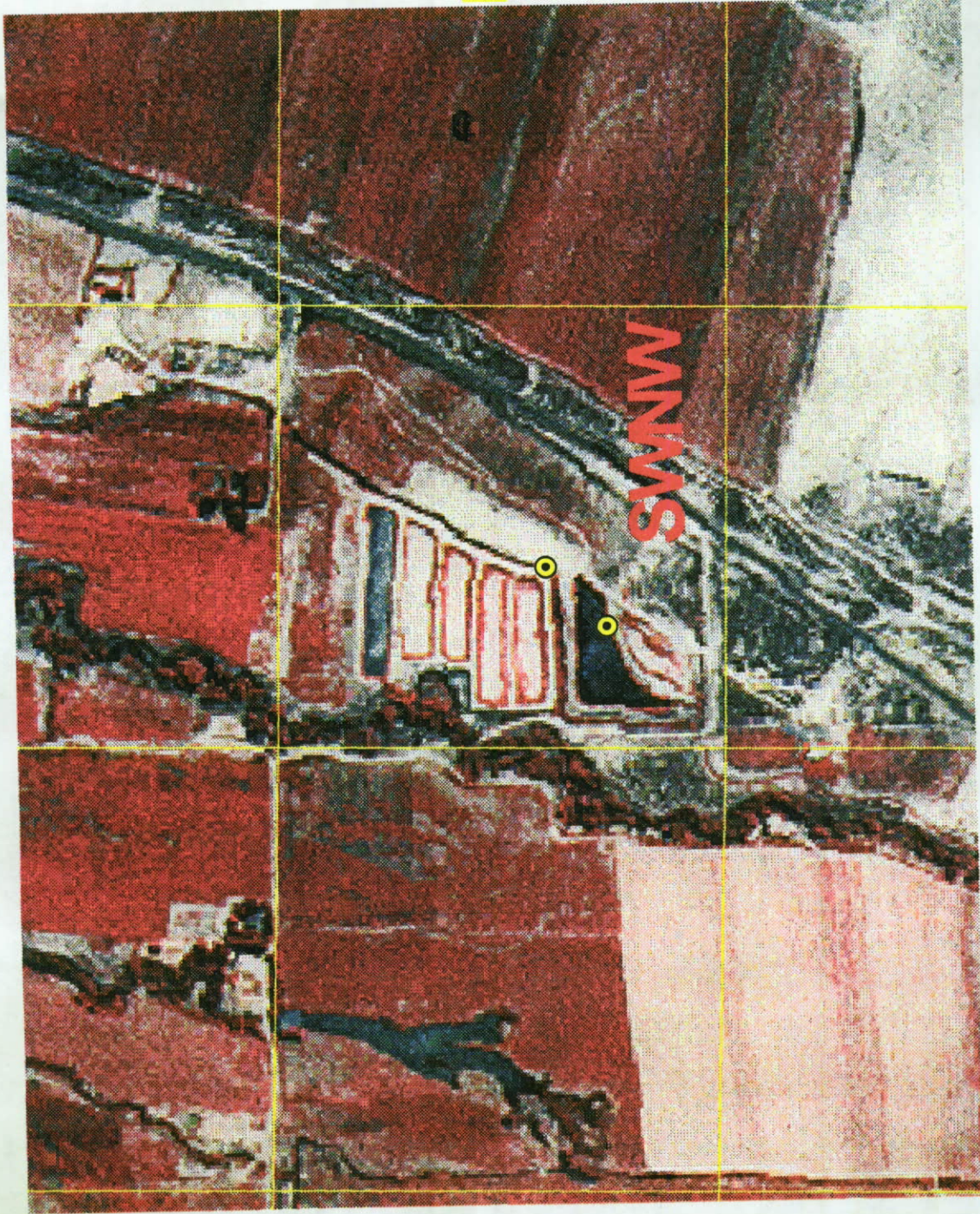
CLAIM(S) : 51-07102A

OWNER(S): HARLEY RANCHES

Prepared by: Mel Schulte

Date: 5/15/1998

USE = FISH PROPAGATION



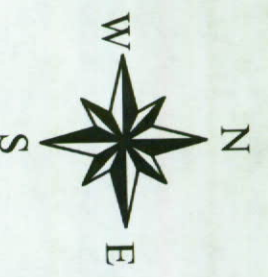
0.5 Miles

0.25

0

IDAHO DEPARTMENT OF WATER RESOURCES

T07S, R05E, S8



1987 NAPP PHOTO

 SECTION LINES

 POD

 POU

 1/4 1/4 LINES

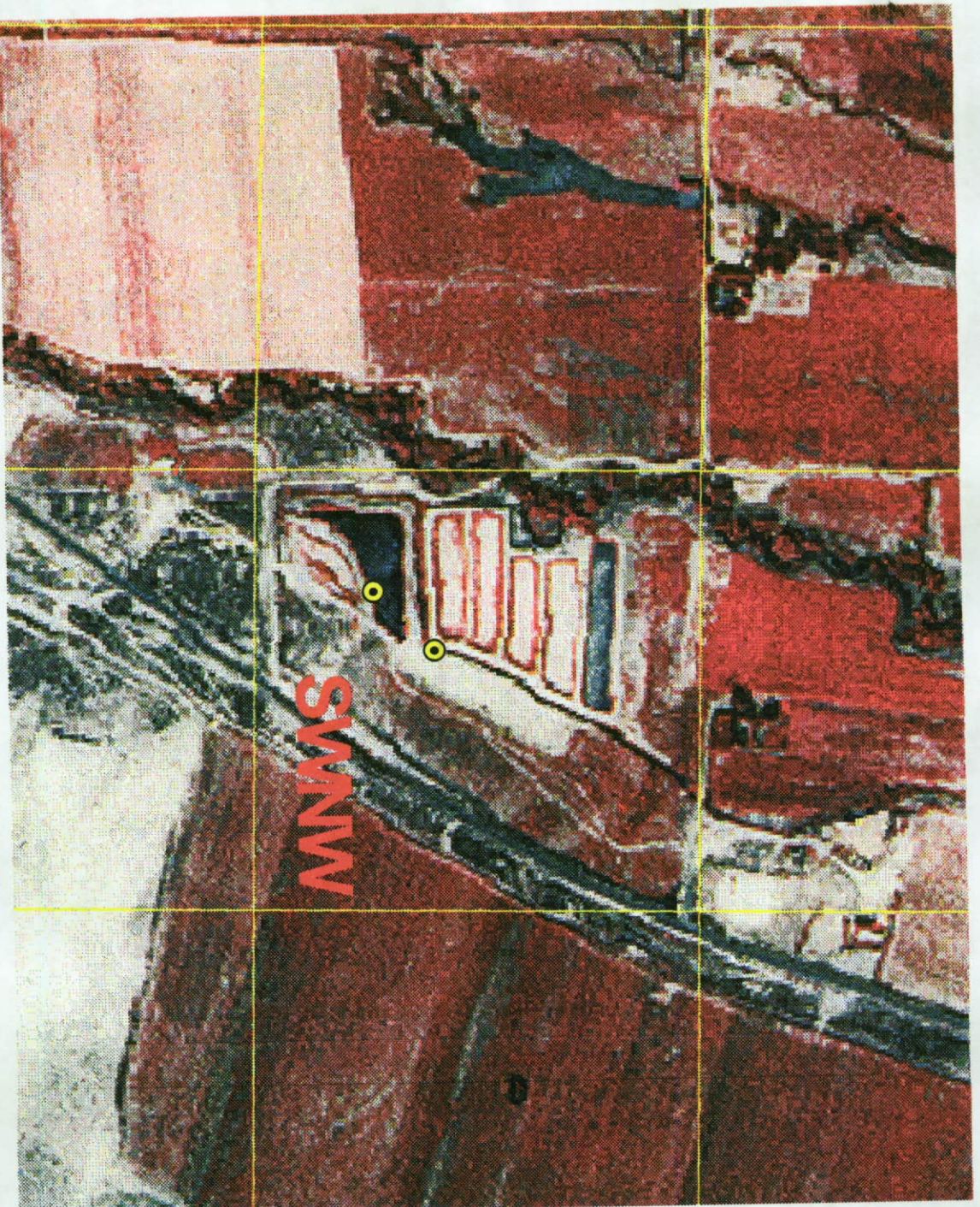
 6 ACRES

CLAIM(S) : 51-07102A

OWNER(S): HARLEY RANCHES

Prepared by: Mel Schulte

Date: 5/15/1998



0 0.25 0.5 Miles

USE = FISH PROPAGATION



MICROFILMED
AUG 10 1992

Audit: 05/15/98 MSCHULTE

ADJUDICATION CLAIM CHECKLIST

NOTICE OF CLAIM NO.

457-07103A

PRIORITY	FIELD EXAM Y/N-IF NO, DO OFFICE VERIFICATION	FIELD EXAM OR IN-OFFICE VERIFICATION WHOM/DATE	CLAIM VERIFIED BY CODE (SEE BELOW)	CHANGE CLAIM Y/N	CLAIMANT CONTACT NEEDED - Y/N**	REVIEW COMPLETED WHOM/DATE	"R" RECORD
T. OF DIV.							
SOURCE							
PL. OF USE							
DIV. AMOUNT							
CFS/AF							
CONSUMPTIVE USE							
NATURE OF USE							
PERIOD OF USE							
BASIS OF CLAIM							
REMARKS							

DATA ENTRY COMPI
BY DATE

FINAL RECOMMEND
BY DATE

VERIFICATION CODES
 TOPO MAP/ORTHO PHOTO = 1
 ASCS MAP = 2
 WATERMASTER RECORDS = 3
 NAPP PHOTOS = 4
 FIELD EXAM = 5
 OTHER (SEE COMMENTS) = 6

IF REQUIRED HAS EVIDENCE OF PRIORITY BEEN
 SUBMITTED - YES NO

IF CLAIMANT CONTACT IS NEEDED, COMPLETE
 CLAIMANT CONTACT CHECKLIST AND ATTACH.

COMMENTS:

LIST OF MAPS USED AND ATTACHMENTS

CLAIM NUMBER:

A51-07102A

MAPS AND AERIAL PHOTOGRAPHS USED TO REVIEW THIS NOTICE OF CLAIM TO A WATER RIGHT

TYPE OF MAP OR PHOTOGRAPH (CHECK IF USED)	IF USED, SUPPLY APPROPRIATE DATE AND OTHER INFORMATION	COPY INCLUDED IN FILE?
() ORTHOPHOTOQUAD	DATE OF PHOTO _____ IDWR ID NO. _____	Y() N()
() TOPOGRAPHIC	DATE FIELD CHECKED _____ IDWR ID NO. _____	Y() N()
() ~~USGS~~ <i>GDS map</i>	DATE OF PHOTO _____ <i>5-15-98</i> IDWR ID NO. _____	Y() N()
() ASCS AERIAL PHOTO	DATE OF PHOTO _____	Y() N()
() ASCS COLOR SLIDE	DATE OF PHOTO _____	Y() N()
() BLM OR USFS AERIAL PHOTO	DATE OF PHOTO _____	Y() N()
() TOWNSHIP SURVEY (GOVERNMENT PLAT)	DATE OF SURVEY _____	Y() N()
() SCS SOIL SURVEY MAP	DATE ISSUED _____	Y() N()
() SUBDIVISION PLAT MAP	DATE OF MAP _____	Y() N()
() OTHER _____	DATE _____	Y() N()
() OTHER _____	DATE _____	Y() N()
() OTHER _____	DATE _____	Y() N()

LIST OF ATTACHMENTS (CHECK IF ATTACHED) IF ATTACHED, SUPPLY APPROPRIATE INFORMATION PAGES

	NO. OF PAGES	NOTES
(X) LICENSING FIELD EXAM	<i>11-13-84</i>	
(X) WATER RIGHT LICENSE	<i>2-28-95</i>	
() IDWR APPROVED TRANSFER		
() SYSTEM DESCRIPTION		
() PHOTOGRAPHS		
() SPLIT RIGHT REVIEW		
() HUBBLE ANALYSIS		
() CONVEYANCE LOSS ANALYSIS		
() FLOW MEASUREMENT CALCULATIONS		
(X) OTHER <i>Memo</i>	<i>2</i>	<i>System description, Memo</i>
() OTHER _____		<i>Summary, overlap review</i>

System description, Memo
Summary, overlap review

MR ELEMENT	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
PRIORITY DATE						10-16-96		
POINT OF DIV	Y				6	MTS		
SOURCE								
PLACE OF USE	Y							
DIV. AMOUNT CFS/VOLUME								
CONSUMPTIVE USE								
PURPOSES								
PERIOD OF USE								
BASIS OF CLAIM	Y							
REMARKS								

"VERIFIED BY" CODES

TOPO MAP/ORTHO-PQ = 1
 ASCS MAP = 2
 WATERMASTER RECORDS = 3
 NAPP PHOTOS = 4
 FIELD EXAM = 5
 OTHER (SEE REMARKS) = 6 — *Licence*

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

LAST: BACHMAN BROTHERS
ADDRESS: C/O MERLE BACHMAN
P.O. BOX 173
CITY: BRUNEAU
PHONE NUMBER: 208-000-0000
OWNER CODE: O

FIRST:
STATE: ID ZIP: 83604

LAST: HARLEY RANCHES
ADDRESS: STAR RT. BOX 49
CITY: HAMMETT
PHONE NUMBER: 208-366-2014

FIRST:
STATE: ID ZIP: 83627

FIELD EXAM REQUIRED?
VERIFICATION REQUIRED DUE TO REMARKS?
NO REMARKS IN CLAIM

DATABASE
N
FIELD EXAMINER

CONTACT PERSON: Joe B. Black

PHONE NUMBER: (508) 366-2014

DATE OF FIELD EXAM: 1/1/11

APPOINTMENT MADE: Y() N()

TIME: 1:00 A() P()

ACCOMPANIED BY: Patricia Black

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT: Daughter

DIRECTIONS TO PROPERTY / NOTES:

A. AJ CLAIM: # A51-07102A PRIORITY DATE: 11-10-1975 STAGE: P
B. WR RECORD: # 51-07102A PRIORITY DATE: 11-10-1975 STAGE: P

C. FIELD EXAM REQUIRED?
DUE TO PRIORITY DATE DISCREPANCY? (Y/N) N DATABASE EXAMINER

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y() N(✓)

NOTES:

RECOMMENDED PRIORITY DATE: 11-10-1975
REVIEWED BY *Mel Phillips* DATE 10-16-96

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A51-07102A	07S	05E	8	SW	SW	NW		OMYHEE

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX NONE
A51-07064A

WR RECORDS IN SAME 40 ACRE TRACT

51-04019 } *different wells*
51-04021 }
51-07064A }
51-07064B }
51-07102A }
51-07102B }
L51-07064A } *same POD*
L51-07064B }
L51-07102A }
L51-07102B }

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
51-07102A	07S	05E	8	SW	SW	NW		OMYHEE

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

51-04019
51-04021
51-07064A
51-07064B
51-07102B
L51-07064A
L51-07064B
L51-07102A
L51-07102B

A51-04019 NONE
A51-04021
A51-07064A
A51-07064B
A51-07102B

SOURCE: GROUNDWATER

TRIB:

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY?	(Y/N)	DATABASE	FIELD EXAMINER
DUE TO SOURCE DISCREPANCY?	(Y/N)	Y	
		N	

1

TWP. RGE. SEC.

14

107

COUNTY

DIVERSION NAME

Nick

Very

Mr. Leonard

TRIB:

DATE: 10-16-96

SYSTEM DESCRIPTION:

DATE: 10-16-96

A. ROOT WATER RIGHT NUMBERS: A51-07102A
A51-07102B

B. POU LISTING

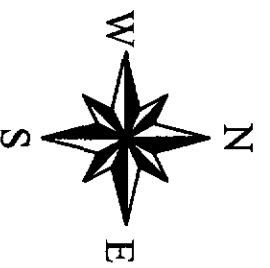
TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
07S	05E	8	NW	NW		HARLEY RANCHES	A51-07102A /	51-07102A /			
			NW	NW		HARLEY RANCHES	A51-04017 /19.0	51-04017 /39.0	No		36.0
			NW	NW		HARLEY RANCHES	A51-04018 /19.0	51-04018 /39.0			
			NW	NW		HARLEY RANCHES	A51-04019 /19.0	51-04019 /39.0			
			NW	NW		HARLEY RANCHES	A51-04020 /19.0	51-04020 /39.0			
			NW	NW		HARLEY RANCHES	A51-04021 /19.0	51-04021 /39.0			
			NW	NW		HARLEY RANCHES	A51-04022 /19.0	51-04022 /39.0			
			NW	NW		HARLEY RANCHES	A51-07064A /7.0	51-07064A /7.0			
			NW	NW		CHRISTIANSEN, CRAIG L.	A51-02225 /6.0	51-02225 /40.0			
			NW	NW		CHRISTIANSEN, CRAIG L.	A51-07064B /16.0	51-07064B /16.0			
			NW	NW		BACHMAN, MERLE	A51-07102B /	51-07102B /			
			NW	NW		CHRISTIANSEN, CRAIG L.	L51-07064A /16.0	L51-07064A /16.0			
			NW	NW		CHRISTIANSEN, CRAIG L.	L51-07064B /7.0	L51-07064B /7.0			
07S	05E	8	SW	NW		HARLEY RANCHES	A51-07102A /	51-07102A /	Yes		35.0
			SW	NW		HARLEY RANCHES	A51-04017 /20.0	51-04017 /30.0			
			SW	NW		HARLEY RANCHES	A51-04018 /20.0	51-04018 /30.0			
			SW	NW		HARLEY RANCHES	A51-04019 /20.0	51-04019 /30.0			
			SW	NW		HARLEY RANCHES	A51-04020 /20.0	51-04020 /30.0			
			SW	NW		HARLEY RANCHES	A51-04021 /20.0	51-04021 /30.0			
			SW	NW		HARLEY RANCHES	A51-04022 /20.0	51-04022 /30.0			
			SW	NW		HARLEY RANCHES	A51-07064A /19.0	51-07064A /19.0			
			SW	NW		CHRISTIANSEN, CRAIG L.	A51-07064B /				
			SW	NW		CHRISTIANSEN, CRAIG L.	A51-07102B /	51-07102B /			
			SW	NW		BRUNEAU CATTLE CO.	A51-07013 /4.0	51-07013 /4.0			
			SW	NW		HARLEY RANCHES		51-02225 /40.0			
			SW	NW		BACHMAN, MERLE		L51-07064A /			
			SW	NW		BACHMAN BROTHERS		L51-07102A /			
			SW	NW		CHRISTIANSEN, CRAIG L.		L51-07102B /			
TOTAL ACRES						A51-07102A					71.00

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N ()
IF YES SEE ATTACHED SHEET:

C. FIELD EXAM REQUIRED? DATABASE FIELD EXAMINER POU COUNTY: OMYHEE
DUE TO POU DISCREPANCY? (Y/N) Y

IDAHO DEPARTMENT OF WATER RESOURCES

T07S, R05E, S8



1987 NAPP PHOTO

 SECTION LINES

 POD

 POU

1/4 1/4 LINES

6 ACRES

CLAIM(S) : 51-07102A

OWNER(S): HARLEY RANCHES

Prepared by: Mel Schulte

Date: 5/15/1998



USE = FISH PROPAGATION

PRESUMPTION FLAG:

NOTES:

RECOMMENDATIONS:

TOTAL ACRES:

114

REVIEWED BY:

Michael DeLuca

DATE:

10-16-96

A. AJ CLAIMED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A51-07102A FISH PROPAGATION	FROM 01-01 TO 12-31	1,900 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED		1,900 CFS

B. WR RECORDED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
51-07102A FISH PROPAGATION	FROM 01-01 TO 12-31	1,900 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED		1,900 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

	FIELD	EXAMINER
DUE TO WATER-USE DISCREPANCY?	(Y/N)	N
DUE TO DIVERSION RATE DISCREPANCY?	(Y/N)	N
DUE TO PERIOD FROM/TO DISCREPANCY?	(Y/N)	N

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?	Y() N()
RECOMMEND TO WR STANDARDS OR OTHER?	Y() N()
	Y() N() Explain in notes, below.

NOTES:

As licensed

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

AJ TOTAL CLAIMED DIVERSION RATE: 1.900 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 1.900 CFS

*** IF NO OR IF STATUTORY CLAIM OF BENEFICIAL USE THEN FLOW MEASUREMENT REQUIRED. ***
** If an amount smaller than the original diversion rate is **
** claimed and an exam is NOT required, explain in notes. **

FLOW MEASUREMENT REQUIRED?

FIELD DATABASE EXAMINER
DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N) Y

B.

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: A5107064A.

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A51-02225	JACKS CREEK	CHRISTIANSEN, CRAIG L.	2.400	0.018		
A51-04017	JACKS CREEK	HARLEY RANCHES	4.000	0.020		
A51-04018	GROUNDWATER	HARLEY RANCHES	0.200	0.001		
A51-04019	GROUNDWATER	HARLEY RANCHES	0.580	0.002		
A51-04020	GROUNDWATER	HARLEY RANCHES	0.100			
A51-04021	GROUNDWATER	HARLEY RANCHES	0.200	0.001		
A51-04022	GROUNDWATER	HARLEY RANCHES	0.200	0.001		
A51-07013	GROUNDWATER	BRUNEAU CATTLE CO.	1.270	0.015		
A51-07064A	GROUNDWATER	HARLEY RANCHES	2.400	0.018	406.00	5.01
A51-07064B	GROUNDWATER	CHRISTIANSEN, CRAIG L.	2.100	0.026		

LIST ALL RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION.

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A51-07102A	FISH PROPAGATION	HARLEY RANCHES	FROM 01-01 TO 12-31	1.900 CFS	
A51-07064B	FISH PROPAGATION	CHRISTIANSEN, CRAIG L.	FROM 01-01 TO 12-31	.500 CFS	
A51-07102B	FISH PROPAGATION	CHRISTIANSEN, CRAIG L.	FROM 01-01 TO 12-31	1.900 CFS	

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES _____ x 0.02 CFS/ACRE = _____ CFS
(Taken from p/u review)

1b. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y() N()

*** IF YES ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = _____ AF/A

ACRES _____ x CONSUMPTIVE VOL. AF/A FOR AREA _____ =

TOTAL CONSUMPTIVE USE _____ AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = _____ AF/A

ACRES _____ x DIVERSION VOL. AF/A FOR AREA _____ =

TOTAL DIVERSION VOLUME _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

1.90 x 1.9835 x 365 = 1375.6 AF

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

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
FISH PROPAGATION	01-01 12-31	DATABASE EXAMINER 1.900	DATABASE EXAMINER	DATABASE EXAMINER 0.0
TOTAL FOR THIS RIGHT		1.900		0.0

REVIEWED BY: Michael Kulte

DATE: 10-16-96

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED
()
()
()
()

NEEDS REVIEW
()
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 51-07102
TOTAL DIVERSION RATE OF WR SPLITS
DATABASE 7.600
EXAMINER
CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A51-07102A	1.900	-	-	51-07102A	1.900
-	A51-07102B	1.900	-	-	51-07102B	1.900
-	-	-	-	-	51-07102	1.900
-	-	-	-	-	L51-07102A	1.900
-	-	-	-	-	L51-07102B	1.900
TOTAL CFS		3.800				7.600

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
If NO, is the written review sheet attached? (Y/N)

DATABASE N
FIELD EXAMINER

NOTES:

See 51-07102B

AUTHENTICATION:
SIGNATURE: [Signature]

DATE: 12-16-96

NAME OF FIELD EXAMINER: _____

TITLE: _____

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 51-07102A

Priority: November 10, 1975

Maximum Diversion Rate:

1.90 CFS

Maximum Diversion Volume:

1375.6 AF

This is to certify, that HARLEY RANCHES

HC 63 BOX 49

HAMMETT ID 83627

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated November 10, 1975; and has submitted Proof of Beneficial Use on December 11, 1980. An examination indicates that the works have a diversion capacity of 4.790 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
FISH PROPAGATION	01/01 to 12/31	1.90 CFS	1375.6 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNW, Sec. 8, Township 07S, Range 05E
OWYHEE County

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

07S 05E 8

SWNW

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The total combined rate of diversion under this right and Right Nos. 51-07102B, 51-07064A, and 51-07064B shall not exceed 4.79 cfs, nor a combined diversion volume of 3467.9 af.
6. The following rights are also diverted through the point of diversion described above: 51-07102B, 51-07064A, and 51-07064B. The facility volume is 6.0 af.

fish propagation

*QNT
E27*

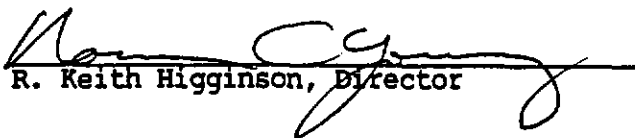
*EXP
F06*

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 51-07102A

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 28th
day of FEBRUARY, 1975.

Acting for


R. Keith Higginson, Director

DATE May 1, 1992

TO: Files 51-7102A and 51-7064A (Bachman/Harley)
Files 51-7102B and 51-7064B (Christiansen)

FROM: Cindy Hodges, Sr. Water Resource Agent, Western Region

RE: System description, exam summary, overlap review

These permits were examined in 1984 and are currently under review for licensing. The reason for licensing delay is unclear. Adjudication claims have been filed on all four permits.

SYSTEM DESCRIPTION

A good system description is not evident in any one beneficial use report in any of the files. From information gathered from all files, I would like to offer the following description:

An 18", 1400' deep artesian hot well provides flow for all beneficial uses represented in all four of the above listed permits. The natural artesian flow from the well was measured at 2.23 cfs. However, in the summer months, this flow is not adequate for all uses, so a 50 HP vertical turbine booster pump was installed to increase flows. The pumped flow was measured at 4.79 cfs, using an 8" orifice on open discharge.

From the discharge, water is delivered into a 6 AF pond, where it is used for fish propagation, then diverted into a common delivery system for irrigation. Irrigation at the time of exam was primarily gravity, with tailwater collected and relifted via a 100 HP pump. The relift pump is mentioned in both 7064A and 7064B, which implies a shared system since the two permits are under separate ownership.

EXAM SUMMARY

Assignment of permit 51-7102 awarded the entire irrigation component of 80 acres and .8 cfs, as well as 1.9 cfs of the fish propagation flow for a total flow of 1.9 cfs, to part B. 1.9 cfs for fish propagation was reserved for part A.

Assignment of permit 51-7064 awarded 58 acres and 1.6 cfs to part B, reserving 262 acres, 2.4 cfs for irrigation, and 1.0 cfs for fish propagation for part A.

See attached analysis sheet for beneficial uses found at the time of exam.

For 51-7064A, I would recommend the addition of the fish propagation component as represented on the original application, since .99 cfs of the 1.0 cfs permitted may still be delivered by the system. ($3.8 \text{ from } 51-7102A \text{ \& B} + .99 \text{ from } 7064A = 4.79 \text{ system capacity}$)

Total combined irrigation and fish propagation flows exceed the system capacity, so conditions limiting total combined diversion rates to 4.79 cfs should be imposed on all licenses. In addition, a total combined diversion volume of 3467.9 is recommended for all permits.

OVERLAP ANALYSIS

Statutory claims 51-4018 through 4022 are for the same acreage covered by these permits; each appears to be for a separate, cold water, artesian well. In addition, claim 51-4017 and Permit 51-2225 from Jack's Creek also cover these acres.

Adjudication claims A51-7102A and 7064A, and A51-4017 through 4022 have been filed in the name of Harley Ranches. Permit 51-2225 has been assigned to Harley Ranches, but the exam has not been conducted, nor can an adjudication claim be located.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 51-7102A

1. Owner: Melie Baehman

Phone No. 845-2286

Current Address: BlumEAU, Idaho 83604

2. Accompanied by: Applicant

EXAM. DATE: 11/13/84

Address: _____

Phone No. _____

Relationship to Permit Holder: _____

3. Source: Groundwater tributary to _____

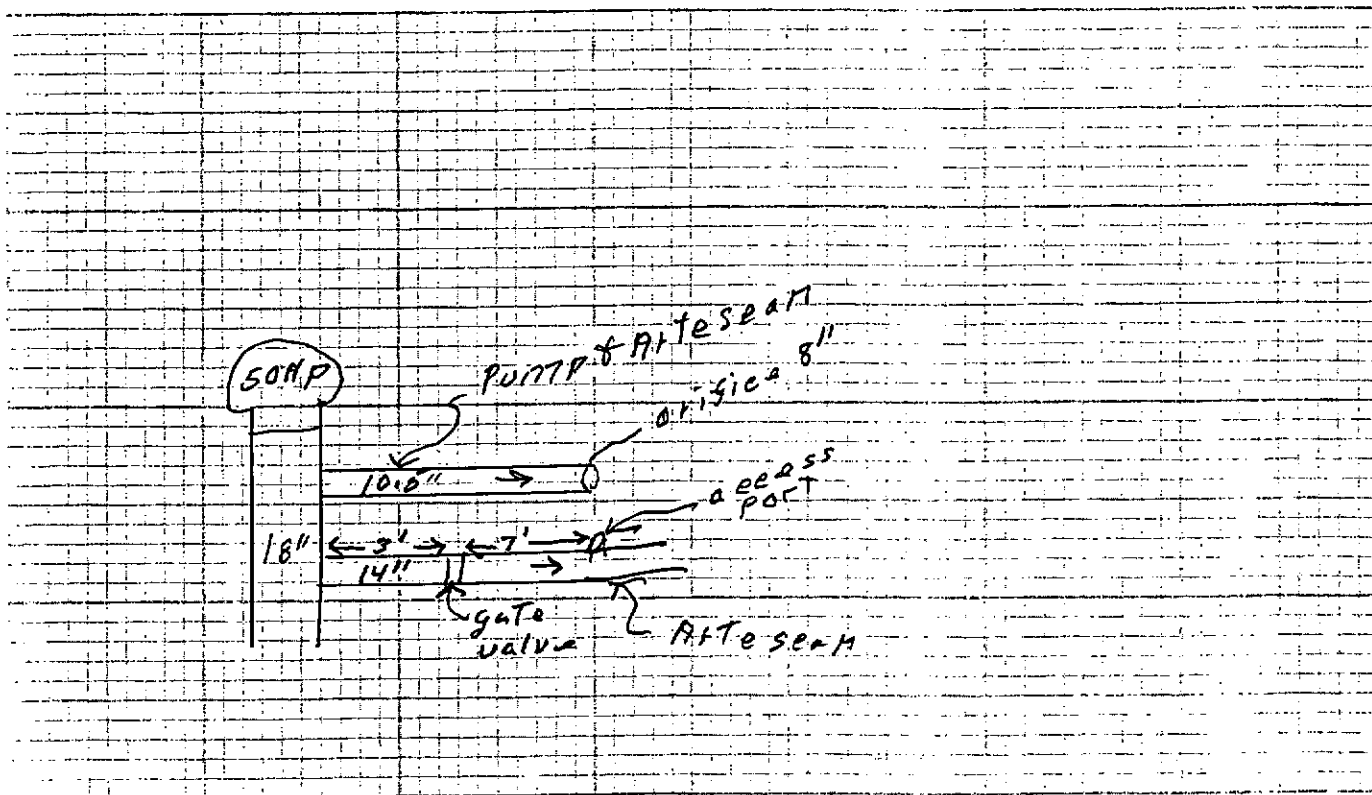
B. OVERLAP REVIEW

1. Other water rights with same place of use: 51-7102B ☐ Copies Attached

2. Other water rights with same point of diversion: 51-7102B, 7064ASB ☐ 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 i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = 0

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

- ☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

- ☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

Get the number & office memorandum
forms for amount. Two flows -
1 - a check about 2 - a check & grant

☐ See Remarks on page 4 for continuation

[illegible]

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

5. Point(s) of Diversion:

[illegible]

6. Place(s) of Use:

Indicate Method of Determination

[illegible]

Black propagation

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
<i>anemometer</i>				<i>091839</i>	<i>13.12</i>	<i>3/26/82</i>
<i>8" orifice</i>						

2. Measurements:

1.9 CFS Fish Propagation Pond C.A.F.

artesian flow = 2.23 cfs

well w/ BOOSTER = 4.79 cfs (see also exams for 7064A & B)

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

anemometer
8" orifice

2. Alternate Method for Checking Purposes:

$$\frac{50 \text{ HP} \times 8.8 \times .85 \text{ eff}}{40' \text{ lift} \times 4.33 \text{ T/20 PSI} (46.18)} = \frac{374}{86.19} = 4.3$$

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 Ampsx .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

Fish propagation n/e

$$V_{DIV} = 1.9 \times 365 \times 1.9835 = 1375.6 \text{ AF}$$

H. REMARKS AND OVERLAP REVIEW ANALYSIS

1.9 cfs for 51-7102 # & B.

51-7064 A & B, 5 7102-B, same P/D

Rate of diversion from this & above water rights = 4.79 cfs.
Total combined div. volume = 3467.9

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Period of Use
From To

Rate of Diversion
Q (cfs)

Annual Volume
V (afa)

Stock Disposition 11/12/31

1.9

1375.6

Totals:

1.9

1375.6

2. Recommended Amendments

- ☐ Change P.D. as reflected above
- ☐ Change P.U. as reflected above

- ☐ Add P.D. as reflected above
- ☐ Add P.U. as reflected above

- ☒ None
- ☐ Other

J. AUTHENTICATION

Field Examiner's Name

John R. Hayes

Signature

John R. Hayes

Certification Date

5/1/92

Field Report Preparation Date

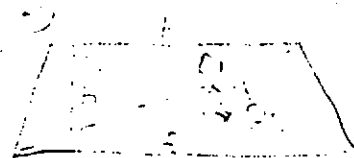
K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.



AREA TRAPEZOID

$$= \frac{1}{2} (a + b) h$$

$$= \frac{1}{2} D_1 D_2 \sin \theta$$



$$A = 2$$

$$a = 240'$$

$$b = 34'$$

$$h = 310'$$

$$D_1 = 339'$$

$$D_2 = 331'$$

$$\theta = 127^\circ$$

$$\sin \theta = .79863551$$

$$A = \frac{1}{2} (240' + 34' = 19')$$

$$= \frac{1}{2} (339' \times 331')$$

$$= \frac{324 \times 319}{2} = \frac{103371}{2} = 51685.5 = 1.186 \text{ Ac}$$

$$A = \frac{1}{2} \times 339 \times 331 \times .79863551$$

$$= \frac{1}{2} \times 129159 \times .79863551$$

$$= \frac{103150.86}{2} = 51575.43 / 4500 = 1.137 \text{ Ac}$$

$$\frac{1.186 \text{ Ac} + 1.137 \text{ Ac}}{2} = 1.126 \text{ Ac. Average Lake Area}$$

2

OF POND. POND HAS ESTIMATED

AVERAGE DEPTH, & CONTAINS APPROX. 1.137 AC = 5.935 F.T.

RIGHT
NUMBER

NAME & ADDRESS

PRIORITY
DATE

WATER USE

USE PERIOD
FROM TOMAXIMUM
DIVERSIONSTAGE
PERMIT~~A51-07104A~~HARLEY RANCHES
STAR RT. BOX 49
HAMMETT ID 83627~~11/10/1975~~ FISH PROPAGATION~~01-01 12-31~~~~1.90 CFS~~ PERMIT~~1.90 CFS TOTAL~~
0.00 AFA TOTALSOURCE: ~~GROUNDWATER~~
OTHER RIGHTS: A5107064A.
CONDITIONS OF APPROVAL:

TRIBUTARY:

REMARKS:

~~POINT OF DIVERSION:~~
~~T07SR05E 608~~~~SWSWNW~~~~PLACE OF USE: FISH PROPAGATION~~
~~T07SR05E 608~~ ~~NWNW~~~~SWNW~~ FishSame well as 7102B, 7064A & B
Pond = 6 AF

Field work on 11-13-84

Chg. in POC

Water Right Number - 51-07102A Prefix Translation: WATER RIGHT Old (D) Number -
 Last Name - First Name - Address -
 *** C - CURRENT OWNER ***
 BACHMAN BROTHERS
 1 - C/O MERLE BACHMAN
 2 - P.O. BOX 173
 3 -
 City- BRUNEAU State- ID Zip- 83604
 Phone -

Priority Date - 11/10/1975 Region - 14 WESTERN P - PERMIT Status -

Source - GROUNDWATER Tributary -

Twn Rng Sec Tract Lot Rflg County Point of Diversion
 07S 05E 8 SW NW (73) OMYHEE

Code Description Period from Period To Water Use Diversion Rate Diversion Volume
 19 - FISH PROPAGATION 01/01 12/31 1.900

Total Div. Rate - 1.900 Total Div. Volume - Total Div. Capacity -

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Description	County
07S	05E	6	NE SE			19	FISH PROPAGATION	(73) OMYHEE
07S	05E	6	SE SE			19	FISH PROPAGATION	(73) OMYHEE
07S	05E	8	NW NW			19	FISH PROPAGATION	(73) OMYHEE
07S	05E	8	SW NW			19	FISH PROPAGATION	(73) OMYHEE

Total Acres:

- - - Diversion Means -
 - - - Non-Irrigation Use -
 - - - Other Rights for Same Use -
 Remarks -
 No Remarks found.
 Conditions of Approval -
 No Conditions of Approval found.

+ - Decree Date - +
00/00/0000

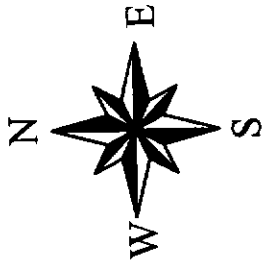
+ + + + + - - - - - + + + + +
 -Comments-
 No comments Found

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| | | | | | |
|-------------------|--------------|-----------------|--------------|------------------|-----|
| Proof Due Date | - 01/01/1991 | Field Exam Made | - 11/13/1984 | Field Exam Fee | - |
| Approved/Denied | - 01/02/1976 | Protested Date | - 00/00/0000 | Swan Falls | - 2 |
| Proof Made Date | - 12/11/1980 | Hearing Date | - 00/00/0000 | Temporary Right | - P |
| Exam to S.O. Date | - 12/04/1992 | Verified Date | - 00/00/0000 | DLE/Carrey Act | - |
| Order Show Cause | - 00/00/0000 | Receipt Number | - | Water District | - |
| Licensed Date | - 00/00/0000 | Appl Received | - 00/00/0000 | Transfer/Amended | - |
| Secrecy Date | - 00/00/0000 | | | | |

IDAHO DEPARTMENT OF WATER RESOURCES

T07S, R05E, S8



1987 NAPP PHOTO

SECTION LINES

POD

POU

1/4 1/4 LINES

ACRES

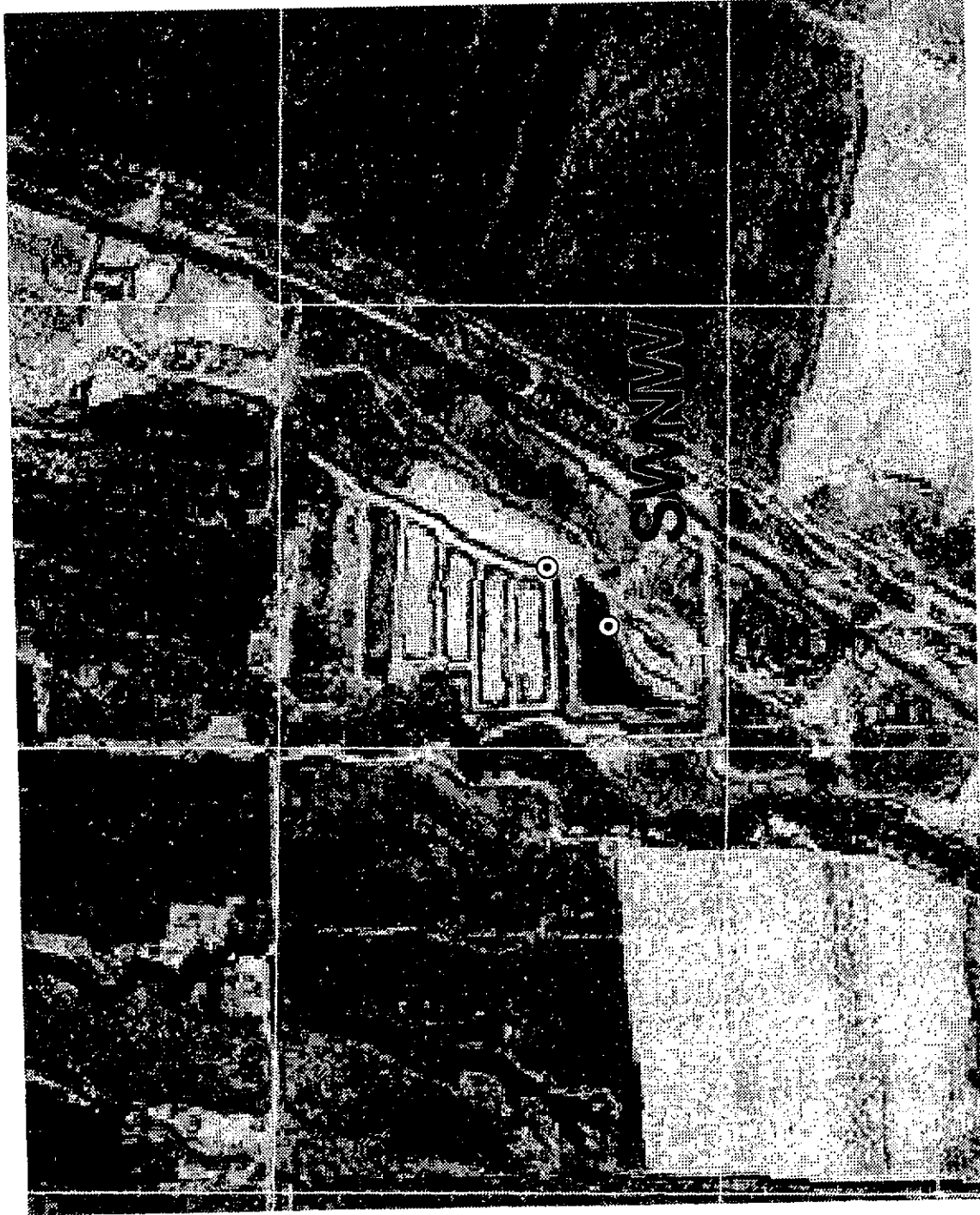
6

CLAIM(S) : 51-07102A

OWNER(S): HARLEY RANCHES

Prepared by: Mel Schulte

Date: 5/15/1998



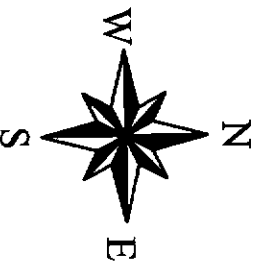
USE = FISH PROPAGATION

0.5 Miles

0.25

0

IDAHO DEPARTMENT OF WATER RESOURCES T07S, R05E, S8



1987 NAPP PHOTO

 SECTION LINES

 POD

 POU

1/4 1/4 LINES

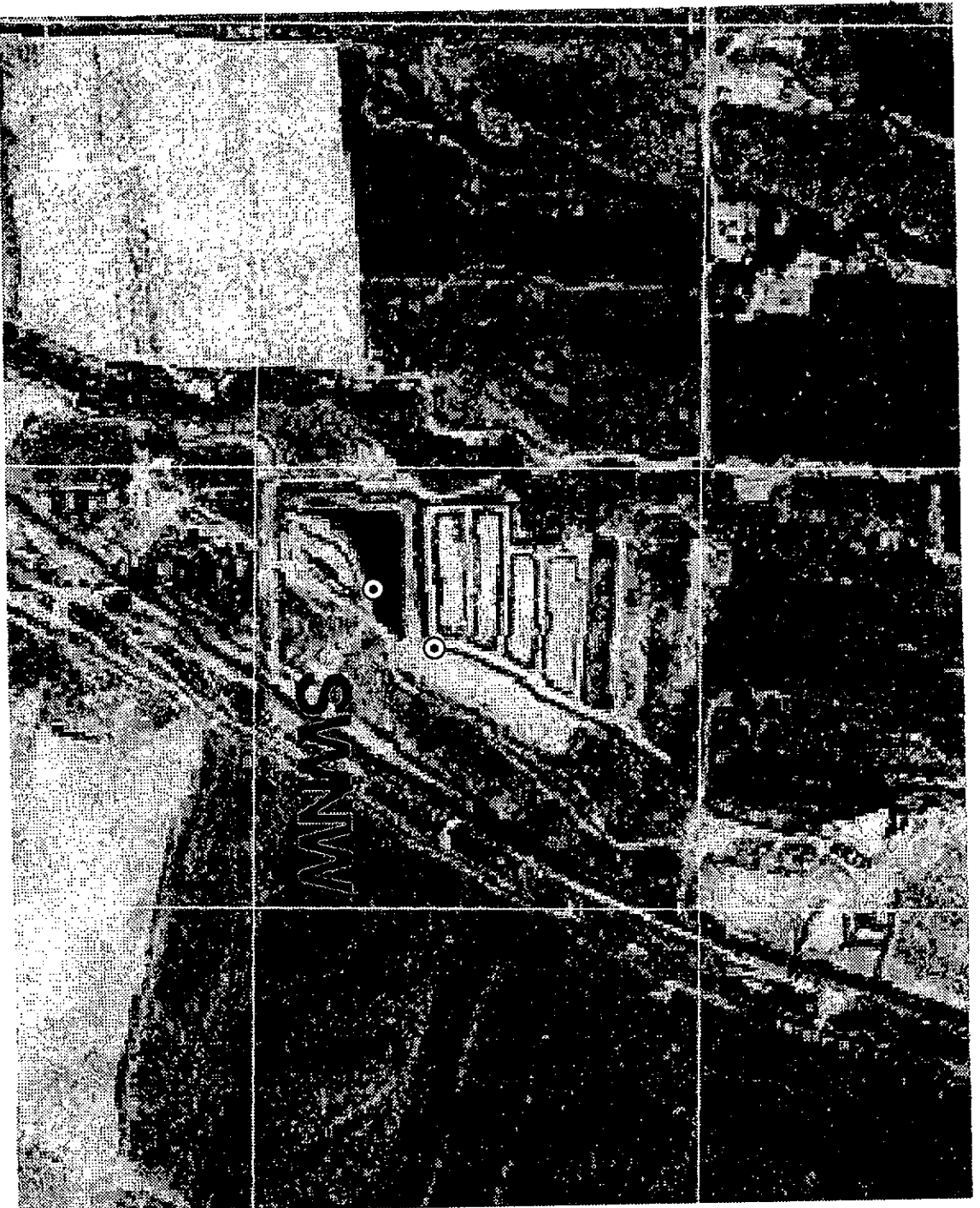
6 ACRES

CLAIM(S) : 51-07102A

OWNER(S): HARLEY RANCHES

Prepared by: Mel Schulte

Date: 5/15/1998



0 0.25 0.5 Miles

USE = FISH PROPAGATION

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: A51-07102A
Date Received: 12/09/1988
Receipt No: C004967
Received By: CA 1-6-89

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: HARLEY RANCHES 208-366-2014
Address: STAR RT. BOX 49
HAMMETT, ID 83627

2. Date of Priority: NOV 10, 1975

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

| Township | Range | Section | 1/4 of | 1/4 of | 1/4 | Lot | County |
|----------|-------|---------|--------|--------|-----|-----|--------|
| 07S | 05E | 8 | SW | SW | NW | | OWYHEE |

5. Description of diverting works:
18" 1400' DEEP FLOWING HOT WELL. 50 HP. VERT. TURBINE PUMP

6. Water is used for the following purposes:

| Purpose | From | To | C.F.S. | (or) | A.F.A. |
|------------------|-------|-------|--------|------|--------|
| FISH PROPAGATION | 01/01 | 12/31 | 1.900 | | |

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
H/ FISH PROP.

10. Place of Use:

| Township | Range | Section | 1/4 of | 1/4 | Lot | Use | Acres |
|----------|-------|---------|--------|-----|-----|------|-------|
| 07S | 05E | 8 | NW | NW | | FISH | |
| | | | SW | NW | | FISH | |

11. Place of use in counties: OWYHEE

A51-07102A

Page 1

Date: 12/09/88

MICROFILMED
AUG 10 1992

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

13. Other Water Rights Used:
A5107064A.

14. Remarks:

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 X wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: 1

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):

Harley Rancher
Joseph E. Black
partner

Date: 12/19/88

Date: 12/19/88

State of Idaho

County of Owyhee

)
) SS.
)

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

of Dec 19 88

David Campbell
Notary Public

Seal

Residing at Burns Id

My Commission Expires 3/24/91



MICHAEL MED

AUG 10 1992