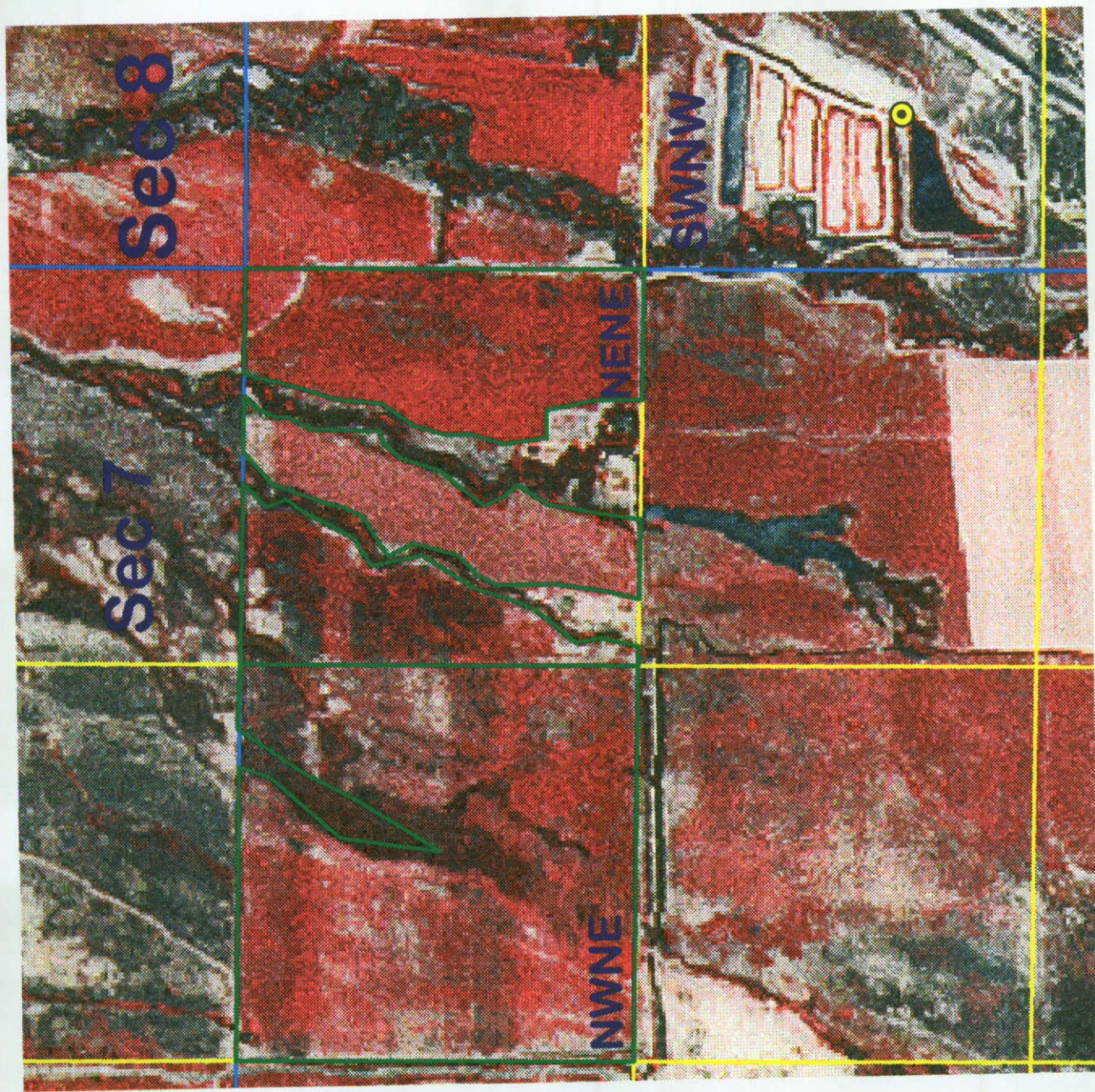
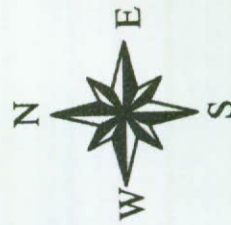


Idaho Dept of Water Resources

T07S, R05E, S07
Claim(s) : 51-07102B,
Owner(s): Christiansen
Prepared by: Sue Bock
Date: 6/03/1998

- | | |
|---|--------------------|
| SW | Legal Description |
|  | Place of Use |
|  | Point of Diversion |
|  | Section Lines |
|  | 1/4 1/4 lines |



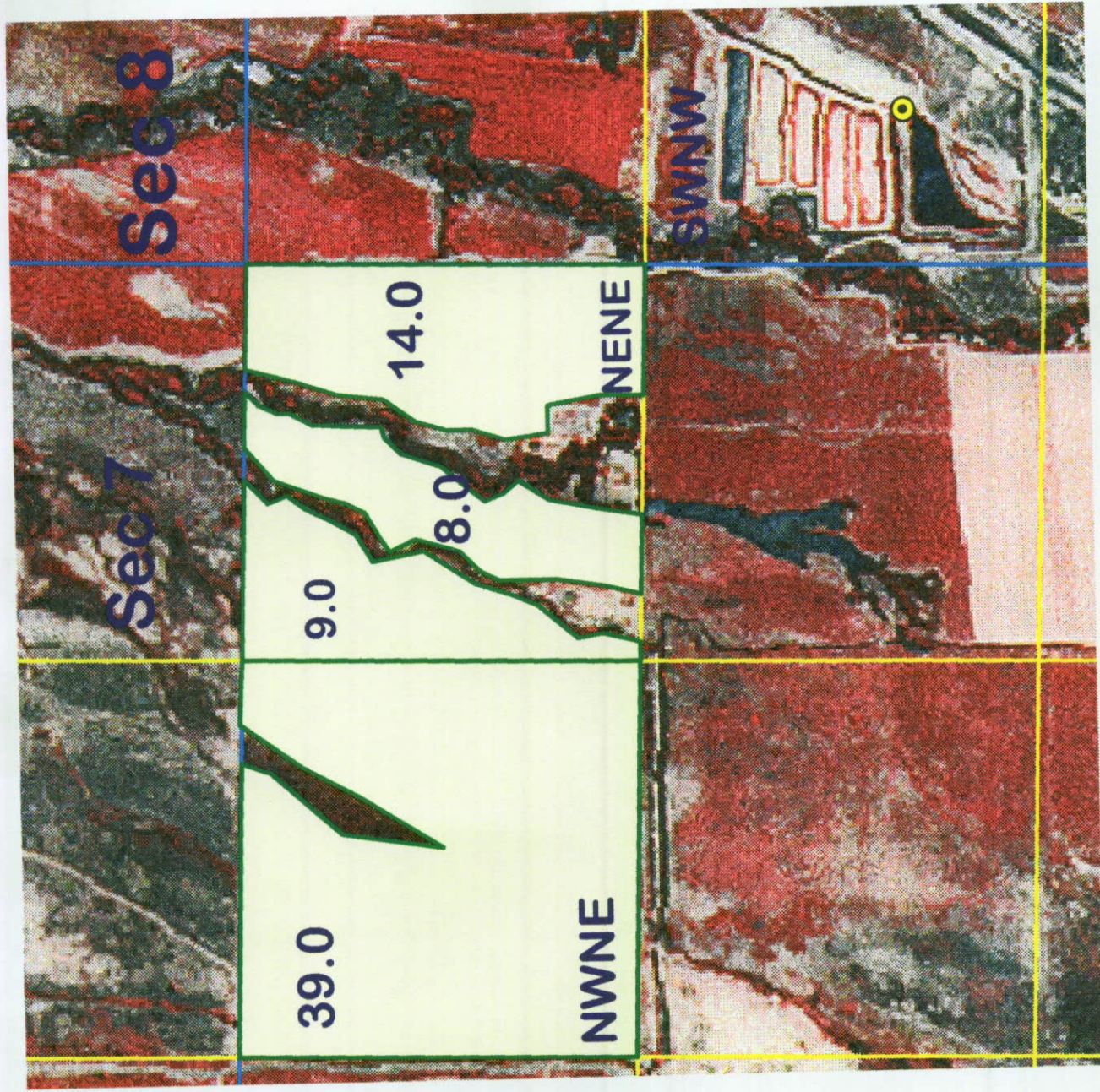
1987 NAPP Photo



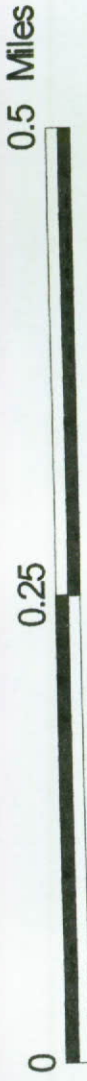
Idaho Dept of Water Resources

T07S, R05E, S07
Claim(s) : 51-07102B,
Owner(s):Christiansen
Prepared by: Sue Bock
Date: 6/03/1998

- | | |
|---|--------------------|
| SW | Legal Description |
|  | Place of Use |
|  | Point of Diversion |
|  | Section Lines |
|  | 1/4 1/4 lines |



1987 NAPP Photo



47.30'

47.39'

47.40'

47.41'

47.42'

50'

47.43'

47.44'

3021

20

3057

VABM 3048

19

BM 2662

Artesian Well

18

(51)

2637

8

Artesian Well

BM 2601

5

6

24

13

12

W

E

Ditch

394

394

394

394

Pump & Artesian Flow

Craig Christensen

Given: $Q = K A \sqrt{2GH}$

PIPELINE = 10" DIA.

ORIFICE = 8" DIA.

H₂O IN TUBE = 52"

$R = \frac{\text{DIA. ORIFICE}}{\text{DIA. PIPE}} = \frac{8}{10} = .8$

$K \text{ (FROM LAYNE TABLE FOR } R \text{ OF } .8) = .74$

$G = 32.174 \text{ ft/sec/sec.}$

$A = \text{ORIFICE AREA} = 3.14159 \times (4")^2 = 50.26548 \text{ in}^2$

LAYNE & BOWLER INC. MEASUREMENT OF WATER FLOW THROUGH PIPE ORIFICE WITH FREE DISCHARGE, BULLETIN #501 1958

JSKN & FEI

$$\begin{aligned} Q &= .74 \times 50.26548 \text{ in}^2 \times \sqrt{2 \times 32.174 \times 52} \\ &= 37.196 \times \sqrt{3346.096} \\ &= 37.196 \times 57.845449 \\ &= 2151.6193 \text{ GPM.} = \underline{4.79655} \end{aligned}$$

CHECK OF EQUATION AGAINST TABLE AMT. GIVEN ON PAGE

24 (LAYNE, BULLETIN #501)

$$\begin{aligned} Q &= .74 \times 50.26548 \text{ in}^2 \times \sqrt{2 \times 32.174 \times 37} \\ &= 37.196 \times \sqrt{2380.876} \\ &= 37.196 \times 48.794 \\ &= 1814.9498 \text{ GPM.} \end{aligned}$$

TABLE (LAYNE) Pg. 24 GIVES 1893 GPM FOR 37" ROD. ON 10" PIPE W/ 8" ORIFICE

$1893 - 1815 = 78 / 1893 = .041 = -4.1\% \text{ VARIATION}$

STRAIGHT LINE EXTRAPOLATION OF 14 GPM PER $\frac{1}{2}$ " INCREASE IN WATER LEVEL = $30 \times 14 = 423 + 1893 = 2313 \text{ GPM.}$
= APPROX +7.5%

RECOMMENDED MAX. CAPACITY ON 10x8 ORIFICE = 2100 GPM

TOAR SUPPLEMENTAL FIELD REPORT
FOR ANNUBAR MEASUREMENT

Measured by: JKN

Date: 4/26/83

Owner: Mrs. Bachman Craig Christensen
& Barry Christensen Artesian Flow

Permit #: 51-7508B

Description of well &/or measuring site (give distance to restrictions upstream and downstream): Drilled Well 18" casing to 310', Total Depth Approx 1393'
Flow Approx 2100 GPM W/Pressure Approx 32 lb/in" Per Driller. System Uses
Wessing House Motor, 50 HP, #773890 G154 Layne Pump #T80216, For Pumping In
Late Season After July. Pump Not In Operation For This Measurement.
MEASUREMENT FOR CHECK ON ARTESIAN FLOW ONLY
Measured inside diameter of pipe in inches 13.126" A

Size of Annubar used in test 13.25"

State ID# of Annubar used #091839

Size Eagle Eye Meter used 0-10"

State ID# of Meter used #011410

Date of Last Calibration of Meter 3/26/82

Observed inches of H2O read on Meter 2.5"

Adjusted inches of H2O from Last Calibration 2.283"

Adjusted inches = Obs. inches x Flow Corr. Factor
Obs. = 2.5"
FCF = $.897 + \frac{(929 - 897)}{2} = .897 + .016 = .913$
 $.913 \times 2.5" = 2.2825$

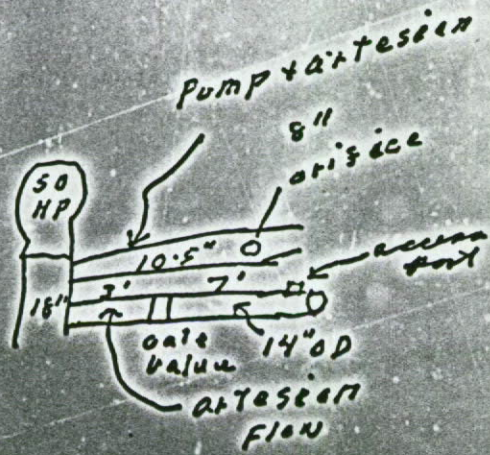
CALCULATION: $(3.85) \times (A)^2 \times \sqrt{B}$ 2.233

$A^2 = 13.126^2 = 172.292$
 $\sqrt{B} = \sqrt{2.283} = 1.511$
 $3.85 \times 172.292 \times 1.511 = 2.233$

cfs measured

where A and B are measured in inches
and 3.85 is a constant for the model
75 Annubar

SKETCH:



Measurements (51-70 ft)

Fish Pond

Ac. ft

1844 FEI

11-2

$$A = \frac{1}{2} (20' + 34') = 19'$$

2-240'

$$\frac{1}{2} (3' + 1) 319'$$

b-84'

$$= \frac{24 \times 19}{2} = \frac{103.86}{2} = 51.61 / 1350 = 1.136 \text{ Acres}$$

b-10'

0-339'

$$A = \frac{1}{2} \times 339 \times 31 \times 1086351$$

1-33'

$$= \frac{1}{2} \times 129153 \times 7936351$$

1-127'

$$\frac{103150.96}{2} = 51575.482 / 4500 = 1.121 \text{ Acres}$$

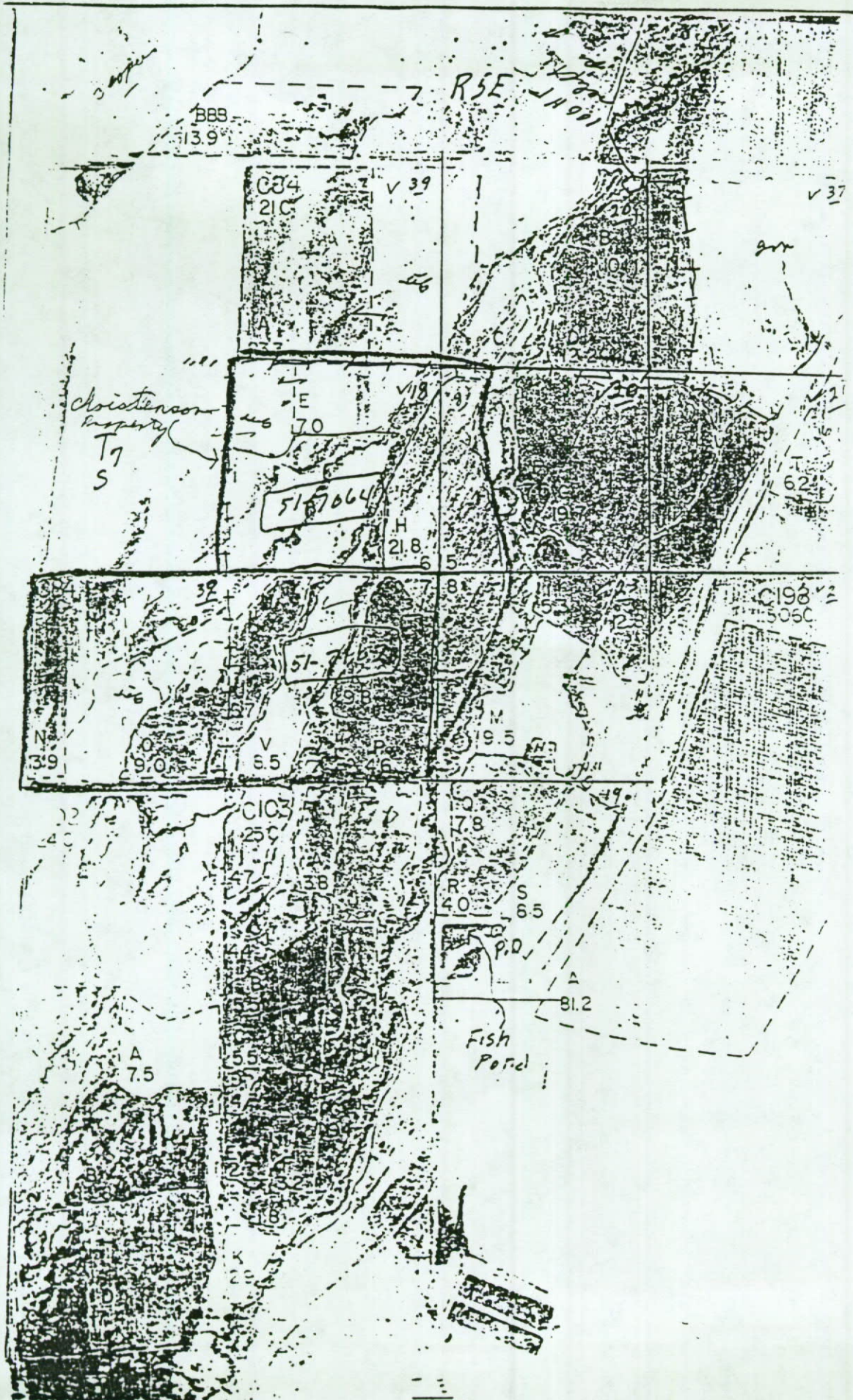
5, 11-798,3551

1.12 Acres 1.1871

1.12 Acres Approx. Source Area

Of Pond. Pond has Estimated 5'

Contains Approx. 1.185 x 5 = 5.925 Ac-Ft.



AJ0749NP
No. R51-07102B

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

DATE: 11/11/98
PAGE: 1

OWNER CODE NAME & ADDRESS PRIORITY DATE WATER USE USE PERIOD FROM TO DIVERSION RATE DIVERSION VOLUME
C SHERRY L CHRISTIANSEN 11/10/1975 IRRIGATION 04-01 10-31 0.80 CFS 280.00 AFA
C CRAIG L CHRISTIANSEN 01-01 12-31 1.90 CFS 1375.60 AFA
HC 85 BOX 171
BRUNEAU ID 83604
(208) 845-2055
TOTAL DIVERSION: 1.90 CFS 1375.90 AFA

Water Source: GROUNDWATER Tributary to: Stage: LICENSE

Point(s) of Diversion: T07S R05E S08 SWNW ONYHEE County

Place of use Legal Description for: IRRIGATION

		NE				NW				SW				SE												
		NENE		NWNE		SWNE		SENE		NENW		NWNW		SWNW		SESW		NENE		NWSE		SESE				
		Lt		Ac		Lt		Ac		Lt		Ac		Lt		Ac		Lt		Ac		Lt		Ac		SUM
T	R	S																								
07S	05E	5	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	8.0
07S	05E	6	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	18.0
07S	05E	7	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	70.0
07S	05E	8	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	7.0
																							TOTAL ACRES	103.0		

Place of use location for FISH PROPAGATION is the same location as described for: IRRIGATION

PDU County: ONYHEE

Other Rights: 51-070648, 51-02225.

Conditions of Approval:

- C14 - THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
- IN BASIN 51 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
 - RIGHTS IN BASIN 51:
 - WATER RIGHT NO. SOURCE
 - NONE
 - THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
 - IN BASIN 51 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
 - RIGHTS IN THE SNAKE RIVER BASIN:
 - WATER RIGHT NO. SOURCE
 - NONE
 - ALL WATER RIGHTS WITHIN BASIN 51 ARE FROM CONNECTED SOURCES
 - OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED CONJUNCTIVELY.

Remarks: QNT

USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 4.79 CFS AND TO A TOTAL
COMBINED DIVERSION VOLUME OF 3467.9 AF. COMBINED RIGHTS INCLUDE:
51-07102A, 51-07064A AND 51-07064B.
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A

Remarks:

TOTAL COMBINED DIVERSION RATE OF 2.06 CFS AND TO A TOTAL
COMBINED ANNUAL DIVERSION VOLUME OF 412 AF. COMBINED RIGHT
NOS.: 51-02225, 51-070648.

POU1

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO
THE IRRIGATION OF A COMBINED TOTAL OF 103 ACRES IN A SINGLE
IRRIGATION SEASON. COMBINED RIGHT NOS.: 51-02225 & 51-070648.
THIS RIGHT IS LIMITED TO THE IRRIGATION OF 70 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.

EXP

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 51-07102A, 51-07064A & 51-070648.
THE FISH PROPAGATION FACILITY VOLUME IS 6.0 AF

Dates:

Exam Made Date: 11/09/1984

Verified Date:

Objection Filed Date:

Misc:

Water District Number:

Field Inspection Flag:
Presumption Flag:

Comments:

Date: 06/05/1998 User-ID: SBOCK Subject: COPIED FROM REMARKS
DELIVERY SYSTEM: ARTESIAN WATER FROM THE WELL FLOWS INTO A
POND AND THEN TO THE RACEWAYS. A PUMP IN THE WASTE WATER POND
PRESSURIZES AN IRRIGATION SPRINKLER SYSTEM. A 50 HP PUMP IN THE
WELL CAN PRESSURIZE THE SAME SPRINKLER SYSTEM.

Date: 07/31/1998 User-ID: AJU10-JS Subject: AJU10 CONDITION UPDATE
CONDITION CODE(S) C14 ADDED IF NOT ALREADY PART
OF RECORD THRU AJU10.

Audit:

11/10/98 SBOCK

AJ0749NP
No. R51-071028

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

DATE: 11/10/98
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	CRAIG L CHRISTIANSEN	11/10/1975	IRRIGATION	04-01 10-31	0.80 CFS	280.00 AFA
C	SHERRY L CHRISTIANSEN HC 85 BOX 171 BRUNEAU ID 83604 (208) 845-2055		FISH PROPAGATION	01-01 12-31	1.90 CFS	1375.60 AFA
TOTAL DIVERSION:					1.90 CFS	1375.90 AFA

Water Source: GROUNDWATER
Tributary to:
Stage: LICENSE
OWNYHEE County

Point(s) of Diversion: T07S R05E S08 SNW

Place of use Legal Description for: IRRIGATION

NE		NW		SW		SE		
T	R	S	ENE	ENE	ENE	ENE	ENE	
			Lt	Ac	Lt	Ac	Lt	Ac
07S 05E 5	:	:	:	:	:	:	:	:
07S 05E 6	:	:	:	:	:	:	:	:
07S 05E 7	:	:	:	:	:	:	:	:
07S 05E 8	:	:	:	:	:	:	:	:
TOTAL ACRES								103.0

Place of use location for FISH PROPAGATION is the same location as described for: IRRIGATION

POU County: OMYHEE

Other Rights: 51-070648, 51-02225.

Conditions of Approval:

- C14 - THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
- IN BASIN 51 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
 - RIGHTS IN BASIN 51:
 - WATER RIGHT NO. SOURCE
 - NONE
 - THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
 - IN BASIN 51 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
 - RIGHTS IN THE SNAKE RIVER BASIN:
 - WATER RIGHT NO. SOURCE
 - NONE
 - ALL WATER RIGHTS WITHIN BASIN 51 ARE FROM CONNECTED SOURCES
 - OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED
 - CONJUNCTIVELY.

Remarks: QNT

USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 4.79 CFS AND TO A TOTAL
COMBINED DIVERSION VOLUME OF 3467.9 AF. COMBINED RIGHTS INCLUDE:
51-07102A, 51-07064A AND 51-070648.
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A

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

AJ0749NP
No. R51-071028

Remarks:

TOTAL COMBINED DIVERSION RATE OF 2.06 CFS AND TO A TOTAL
COMBINED ANNUAL DIVERSION VOLUME OF 412 AF. COMBINED RIGHT
NOS.: 51-02225, 51-070648.

POU1

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO
THE IRRIGATION OF A COMBINED TOTAL OF 103 ACRES IN A SINGLE
IRRIGATION SEASON. COMBINED RIGHT NOS.: 51-02225 & 51-070648.
THIS RIGHT IS LIMITED TO THE IRRIGATION OF 70 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.

EXP

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 51-07102A, 51-07064A & 51-070648.
THE FISH PROPAGATION FACILITY VOLUME IS 6.0 AF

Dates:

Exam Made Date: 11/09/1984 Verified Date: Objection Filed Date:

Misc:

Water District Number: Field Inspection Flag:
Presumption Flag:

Comments:

Date: 06/05/1998 User-ID: SBOCK Subject: COPIED FROM REMARKS
DELIVERY SYSTEM: ARTESIAN WATER FROM THE WELL FLOWS INTO A
POND AND THEN TO THE RACEWAYS. A PUMP IN THE WASTE WATER POND
PRESSURIZES AN IRRIGATION SPRINKLER SYSTEM. A 50 HP PUMP IN THE
WELL CAN PRESSURIZE THE SAME SPRINKLER SYSTEM.

Date: 07/31/1998 User-ID: AJU10-JS Subject: AJU10 CONDITION UPDATE
CONDITION CODE(S) C14 ADDED IF NOT ALREADY PART
OF RECORD THRU AJU10.

Audit:

11/10/98 SBOCK

AJ0749NP
No. R51-07102B

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

DATE: 08/17/98
PAGE: 2

Remarks:

51-07102A, 51-07064A AND 51-07064B.
USE OF THIS RIGHT WITH RIGHT NO. 51-02225 IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 1.4 CFS.

POU1

USE OF THIS RIGHT WITH THE RIGHTS LISTED BELOW IS LIMITED TO
THE IRRIGATION OF A COMBINED TOTAL OF 103 ACRES IN A SINGLE
IRRIGATION SEASON. COMBINED RIGHT NOS.: 51-02225 & 51-07064B.

EXP

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 51-07102A, 51-07064A & 51-07064B.
THE FISH PROPAGATION FACILITY VOLUME IS 6.0 AF

Dates:

Exam Made Date: 11/09/1984 Verified Date: 08/17/1998 Objection Filed Date:

Misc:

Water District Number: Field Inspection Flag:
Presumption Flag:

Comments:

Date: 06/05/1998 User-ID: SBOCK Subject: COPIED FROM REMARKS
DELIVERY SYSTEM: ARTESIAN WATER FROM THE WELL FLOWS INTO A
POND AND THEN TO THE RACEWAYS. A PUMP IN THE WASTE WATER POND
PRESSURIZES AN IRRIGATION SPRINKLER SYSTEM. A 50 HP PUMP IN THE
WELL CAN PRESSURIZE THE SAME SPRINKLER SYSTEM.

Date: 07/31/1998 User-ID: AJU10-JS Subject: AJU10 CONDITION UPDATE
CONDITION CODE(S) C14 ADDED IF NOT ALREADY PART
OF RECORD THRU AJU10.

Audit:

08/17/98 SBOCK

AJ0749NP
No. R51-07102B

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

DATE: 07/15/98
PAGE: 2

Comments: Date: 06/05/1998 User-ID: SBOCK Subject: COPIED FROM REMARKS
DELIVERY SYSTEM: ARTESIAN WATER FROM THE WELL FLOWS INTO A
POND AND THEN TO THE RACEWAYS. A PUMP IN THE WASTE WATER POND
PRESSURIZES AN IRRIGATION SPRINKLER SYSTEM. A 50 HP PUMP IN THE
WELL CAN PRESSURIZE THE SAME SPRINKLER SYSTEM.

Audit: 07/15/98 SBOCK

AJ0749NP
No. R51-07102B

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

DATE: 10/15/96
PAGE: 1

OWNER CODE NAME & ADDRESS PRIORITY DATE WATER USE USE PERIOD FROM TO DIVERSION RATE DIVERSION VOLUME
C CRAIG L CHRISTIANSEN 11/10/1975 IRRIGATION 04-01 10-31 0.80 CFS 280
C SHERRY L CHRISTIANSEN FISH PROPAGATION 01-01 12-31 1.90 CFS 1375.90
HC 85 BOX 171
BRUNEAU ID 83604
(208) 845-2055
TOTAL DIVERSION: 1.90 CFS 1375.90 AFA

Water Source: GROUNDWATER Tributary to: SNW
Point(s) of Diversion: T07S R05E S08 SNW
Stage: LICENSE
OWYHEE County

Place of use Legal Description for: IRRIGATION

NE		NW		SW		SE	
NE	SW	NE	NW	NE	NW	NE	SW
T R S : Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac
07S 05E 7 : 31	39	:	:	:	:	:	:
TOTAL ACRES				70.0			

Place of use Legal Description for: FISH PROPAGATION

NE		NW		SW		SE	
NE	SW	NE	NW	NE	NW	NE	SW
T R S : Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac	: Lt Ac Lt Ac Lt Ac Lt Ac
07S 05E 8 :	:	:	:	:	:	:	:

POU County: OWYHEE
Non-Irrigation Uses: FISH PROPAGATION
Other Rights: 51-07064B, 51-02225.

Remarks: QNT USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 4.79 CFS AND TO A TOTAL
COMBINED DIVERSION VOLUME OF 3467.9 AF. COMBINED RIGHTS INCLUDE:
51-07102A, 51-07064A AND 51-07064B.
CON USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 837 AF.
COMBINED RIGHT NOS.: 51-07064A, 51-07102A & 51-07102B.

EXP CONW DELIVERY SYSTEM: ARTESIAN WATER FROM THE WELL FLOWS INTO A
POND AND THEN TO THE RACEWAYS. A PUMP IN THE WASTE WATER POND
PRESSURIZES AN IRRIGATION SPRINKLER SYSTEM. A 50 HP PUMP IN THE
WELL CAN PRESSURIZE THE SAME SPRINKLER SYSTEM.
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 51-07102A, 51-07064A & 51-07064B.
EXP THE FISH PROPAGATION FACILITY VOLUME IS 6.0 AF

AJ0749NP
No. R51-07102B

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

DATE: 10/15/96
PAGE: 2

=====

Dates: Exam Made Date: 11/19/84 Verified Date:  Objection Filed Date:

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

Audit: 10/15/96 MSCHULTE

ADJUDICATION CLAIM CHECKLIST

NOTICE OF CLAIM NO. 451-07102B

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
PRIORITY*		<u>6</u>	<u>X</u>		<u>10-11-96</u> <u>MTS</u>	
T. OF DIV.		<u>6</u>				
SOURCE		<u>6</u>				
PL. OF USE		<u>6</u>				
DIV. AMOUNT CPS/AF		<u>6</u>				
CONSUMPTIVE USE		<u>6</u>				
NATURE OF USE		<u>6</u>				
PERIOD OF USE		<u>6</u>				
BASIS OF CLAIM		<u>6</u>				
REMARKS		<u>6</u>				

*IF REQUIRED HAS EVIDENCE OF PRIORITY BEEN SUBMITTED - YES _____ NO _____.	VERIFICATION CODES TOPO MAP/ORTHO PHOTO = 1 ASCS MAP = 2 WATERMASTER RECORDS = 3 NAPP PHOTOS = 4 FIELD EXAM = 5 OTHER(SEE COMMENTS) = 6
---	---

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

COMMENTS: - license

DATA ENTRY COMP
BY _____ DATE _____

FINAL RECOMMEND

BY _____ DATE _____

10:35:11
08/25/93
74

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

PAGE: 15
PROFILE REPORT

CLAIM NUMBER: A51-071028

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	CRAIG L. CHRISTIANSEN	11/10/1975	IRRIGATION	03-01 10-31	0.80 CFS	
C	SHERRY L. CHRISTIANSEN		FISH PROPAGATION	01-01 12-31	1.90 CFS	
	HC 85, BOX 171					
	BRUNEAU ID 83604					
	(208) 845-2055					
				TOTAL DIVERSION:	1.90 CFS	

Water Source: GROUNDWATER
Tributary to: SWNW
Point(s) of Diversion: T07S R05E S08
Stage: PERMIT
OWYHEE County

Place of use Legal Description for: IRRIGATION

NE		NW		SW		SE		
NAME	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	
T	R	S	: Lt	Ac	Lt	Ac	Lt	Ac
07S	05E	7	:	40	:	40	:	40
								SUM
								80.0
								80.0

Place of use Legal Description for: FISH PROPAGATION

NE		NW		SW		SE		
NAME	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	
T	R	S	: Lt	Ac	Lt	Ac	Lt	Ac
07S	05E	6	:		:		:	
07S	05E	8	:		:		:	
								F
								F
								F

POU County: OWYHEE

Non-Irrigation Uses: FISH PROPAGATION - HOT WATER SHRIMP/TOLAPYA.

Other Rights: A51-070648 & A51-02225.

Remarks: DESCRIPTION OF DIVERTING WORKS: ARTESIAN WELL FLOWS INTO EITHER
AND BOTH A POND WITH AN ADDITIONAL PIPELINE INTO FISH RACEWAYS.
WATER THEN GRAVITY FLOWS INTO PIPELINE WITH BOOSTER PUMP ON PIPE-
LINE TO SPRINKLER IRRIGATION. WELL CAN BE PUMPED IF NEEDED W/50
HP PUMP ON WELL.

Dates: Exam Made Date: Verified Date:
Misc: Water District Number: Field Inspection Flag:
Presumption Flag:

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:31:53
08/25/93

PAGE: 14
QUICKLOOK INFORMATION

73
CLAIM NUMBER: A51-07102B

WR 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								
POINT OF DIV	Y				6	MTS 10-11-96	5B 10-5-98	
SOURCE					6			
PLACE OF USE	Y				6			
DIV. AMOUNT CFS/VOLUME					6			
CONSUMPTIVE USE					NA			
PURPOSES					6			
PERIOD OF USE					6			
BASIS OF CLAIM	Y				6			
REMARKS	Y				6			

"VERIFIED BY" CODES

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

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

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:31:53
08/25/93

60
CLAIM NUMBER: A51-07102B

PAGE: 1
GENERAL INFORMATION

LAST: BACHMAN BROTHERS
ADDRESS: BRUNEAU
CITY: BRUNEAU
PHONE NUMBER: 208-000-0000
OWNER CODE: O

FIRST:
STATE: ID ZIP: 83604

LAST: CHRISTIANSEN
ADDRESS: HC 85, BOX 171
CITY: BRUNEAU
PHONE NUMBER: 208-845-2055
OWNER CODE: C

FIRST: CRAIG L.
STATE: ID ZIP: 83604

LAST: CHRISTIANSEN
ADDRESS: HC 85, BOX 171
CITY: BRUNEAU
PHONE NUMBER: 208-845-2055
OWNER CODE: C

FIRST: SHERRY L.
STATE: ID ZIP: 83604

FIELD EXAM REQUIRED?
VERIFICATION REQUIRED DUE TO REMARKS?
DATABASE Y
FIELD EXAMINER

CLAIM REMARKS: DESCRIPTION OF DIVERTING WORKS: ARTESIAN WELL FLOWS INTO EITHER
AND BOTH A POND WITH AN ADDITIONAL PIPELINE INTO FISH RACEWAYS.
WATER THEN GRAVITY FLOWS INTO PIPELINE WITH BOOSTER PUMP ON PIPE-
LINE TO SPRINKLER IRRIGATION. WELL CAN BE PUMPED IF NEEDED W/50
HP PUMP ON WELL.

CONTACT PERSON: Craig or Kerry Christensen

PHONE NUMBER: 808 845-2055

DATE OF FIELD EXAM: 7/1

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY:

PHONE NUMBER: () - - -

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / NOTES:

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

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

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE	FIELD EXAMINER

2

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

ARE THERE OBVIOUS
IF YES EXPLAIN.

NOTES:

RECOMMENDED PRIORITY DATE:

11-10-1975

REVIEWED BY

PRIORITY DATE:
-10-1975
Mrs. Schultz

DATE _____

10-11-96

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

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

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A51-070648 NONE

WR RECORDS IN SAME 40 ACRE TRACT

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

*- Harley Ranches - no overlap
- QESD-Harley Ranches*

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

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

OTHER WR RECORDS WITH SAME WR POD

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

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

51-04019 NONE
51-04021
51-07064A
51-07064B
51-07102A

SOURCE: GROUNDWATER

TRIB:

C. FIELD EXAM REQUIRED?

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

NOTES:

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP. RGE. SEC.

1/4

1/4

1/4

LOT

COUNTY

DIVERSION NAME

75 5E 8

SU

NW

Oryhee

As licensed

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY:

McK Schulte

DATE:

10-11-90

SYSTEM DESCRIPTION:

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	6	NE	SE		CHRISTIANSEN, CRAIG L.	A51-07102B /	51-07102B /	36.0		
			NE	SE		HARLEY RANCHES	A51-04017 /39.0	51-04017 /40.0			
			NE	SE		HARLEY RANCHES	A51-04018 /39.0	51-04018 /40.0			
			NE	SE		HARLEY RANCHES	A51-04019 /39.0	51-04019 /40.0			
			NE	SE		HARLEY RANCHES	A51-04020 /39.0	51-04020 /40.0			
			NE	SE		HARLEY RANCHES	A51-04021 /39.0	51-04021 /40.0			
			NE	SE		HARLEY RANCHES	A51-04022 /39.0	51-04022 /40.0			
			NE	SE		HARLEY RANCHES	A51-07064A /24.0	51-07064A /24.0			
			NE	SE		HARLEY RANCHES		51-02225 /40.0			
			NE	SE		BACHMAN BROTHERS		51-07102A /			
			NE	SE		BACHMAN, MERLE		L51-07064A /39.0			
07S	05E	6	SE	SE		CHRISTIANSEN, CRAIG L.	A51-07102B /	51-07102B /	39.0		
			SE	SE		CHRISTIANSEN, CRAIG L.	A51-02225 /26.0	51-02225 /40.0			
			SE	SE		CHRISTIANSEN, CRAIG L.	A51-07064B /35.0	51-07064B /35.0			
			SE	SE		BACHMAN, MERLE K.		51-04017 /40.0			
			SE	SE		BACHMAN, MERLE K.		51-04018 /40.0			
			SE	SE		BACHMAN, MERLE K.		51-04019 /40.0			
			SE	SE		BACHMAN, MERLE K.		51-04020 /40.0			
			SE	SE		BACHMAN, MERLE K.		51-04021 /40.0			
			SE	SE		BACHMAN, MERLE K.		51-04022 /40.0			
			SE	SE		BACHMAN BROTHERS		51-07102A /			
			SE	SE		CHRISTIANSEN, CRAIG L.		L51-07064B /18.0			
07S	05E	7	NE	NE		CHRISTIANSEN, CRAIG L.	A51-07102B /40.0	51-07102B /40.0	41.0		
			NE	NE		CHRISTIANSEN, CRAIG L.	A51-02225 /38.0				
			NE	NE		JOHNSON, CARL T.		51-02187 /31.0			
			NE	NE		CHRISTIANSEN, CRAIG L.		L51-07102B /31.0			
07S	05E	7	NW	NE		CHRISTIANSEN, CRAIG L.	A51-07102B /40.0	51-07102B /40.0	40.0		
			NW	NE		CHRISTIANSEN, CRAIG L.	A51-02225 /40.0				
			NW	NE		CHRISTIANSEN, CRAIG L.	A51-07064B /7.0	51-07064B /7.0			
			NW	NE		JOHNSON, CARL T.		51-02187 /19.0			
			NW	NE		CHRISTIANSEN, CRAIG L.		L51-07102B /39.0			
07S	05E	8	NW	NW		CHRISTIANSEN, CRAIG L.	A51-07102B /	51-07102B /	36.0		
			NW	NW		HARLEY RANCHES	A51-04017 /19.0	51-04017 /39.0			
			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			

31

39

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
			NW	NW		HARLEY RANCHES	A51-07064A / 7.0	51-07064A / 7.0			0
			NW	NW		HARLEY RANCHES	A51-07102A /	51-07102A /			
			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		L51-07064A / 16.0			
			NW	NW		CHRISTIANSEN, CRAIG L		L51-07064B / 7.0			
			SW	NW		CHRISTIANSEN, CRAIG L.	A51-07102B /	51-07102B /	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			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		HARLEY RANCHES	A51-07102A /	51-07102A /			
			SW	NW		CHRISTIANSEN, CRAIG L.	A51-07064B /	- /			
			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 /			70
			SW	NW							
			TOTAL ACRES		A51-07102B		80.00	80.00	227.00		

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

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

PRESUMPTION FLAG:

NOTES:

As Licensed

RECOMMENDATIONS:

TOTAL ACRES:

70

REVIEWED BY:

Mel A.

DATE:

10-11-96

A. AJ CLAIMED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A51-07102B IRRIGATION	FROM 03-01 TO 10-31	.800 CFS
A51-07102B 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
51-07102B IRRIGATION	FROM 03-01 TO 10-31	.800 CFS
51-07102B 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?

	DATABASE	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() 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 or 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?

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

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: A51-070648 & A51-02225.

LIST ALL RIGHTS WITH A SAME POJ AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A51-071028	GROUNDWATER	CHRISTIANSEN, CRAIG L.	1.900	0.023		
A51-02225	JACKS CREEK	CHRISTIANSEN, CRAIG L. <i>no overlap</i>	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. <i>no overlap</i>	2.100	0.026		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A51-071028	FISH PROPAGATION	CHRISTIANSEN, CRAIG L.	FROM 01-01 TO 12-31	1.900 CFS	
A51-07064B	FISH PROPAGATION	CHRISTIANSEN, CRAIG L.	FROM 01-01 TO 12-31	.500 CFS	

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A51-07102A	FISH PROPAGATION	HARLEY RANCHES	FROM 01-01 TO 12-31	1,900 CFS	

D. RATE/VOLUME CALCULATIONS: (IRRIGATION) 1b. CALCULATIONS

1a. IRRIGATION RATE
ACRES 70 x 0.02 CFS/ACRE = 1.40 CFS
(Taken from p/u review)

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

*** 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()

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

As licensed

RECOMMENDATIONS: *As licensed*

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
IRRIGATION	03-01 10-31	0.800	DATABASE EXAMINER	DATABASE EXAMINER
FISH PROPAGATION	01-01 12-31	1.900	DATABASE EXAMINER	0.0
TOTAL FOR THIS RIGHT		1.900		

REVIEWED BY: *MCD* DATE: *10-11-96*

A. CHECK ONLY THE FOLLOWING THAT APPLY:

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

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

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)

FIELD EXAMINER

DATABASE

N

NOTES:

51-07102 = 1.80 - IRR
3.80 - IRR Prop
- 07102A = 1.90 - IRR Prop } = 1.80 IRR
- 07102B = 1.80 - IRR } = 3.80 - IRR Prop
1.90 - IRR Prop

AUTHENTICATION

SIGNATURE: McGee

DATE: 10-11-96

NAME OF FIELD EXAMINER: _____

TITLE: _____

LIST OF MAPS USED AND ATTACHMENTS

CLAIM NUMBER: A51-07102B

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 <u>1974</u> IDWR ID NO. <u>A461</u>	Y(☒) N(☐)
☒ TOPOGRAPHIC	DATE FIELD CHECKED <u>1978</u> IDWR ID NO. <u>A461</u>	Y(☒) N(☐)
☒ NAAPP	DATE OF PHOTO <u>1987</u> IDWR ID NO. <u>A461NE</u>	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 <u>GIS</u>	DATE <u>1988</u> <u>NAAPP</u> <u>1987</u>	Y(☒) N(☐)
☐ OTHER _____	DATE _____	Y(☐) N(☐)
☐ OTHER _____	DATE _____	Y(☐) N(☐)

LIST OF ATTACHMENTS (CHECK IF ATTACHED)

IF ATTACHED, SUPPLY APPROPRIATE INFORMATION	NO. OF PAGES	NOTES
☒ LICENSING FIELD EXAM	<u>11-9-84</u>	
☒ WATER RIGHT LICENSE	<u>2-28-95</u>	<u>2</u>
☐ IDWR APPROVED TRANSFER		
☐ SYSTEM DESCRIPTION		
☐ PHOTOGRAPHS		
☐ SPLIT RIGHT REVIEW		
☐ HUBBLE ANALYSIS		
☐ CONVEYANCE LOSS ANALYSIS		
☐ FLOW MEASUREMENT CALCULATIONS		
☒ OTHER <u>Memo</u>	<u>5-1-1992</u>	<u>System description, item summary and overlap memo</u>
☐ OTHER _____		

RIGHT NUMBER	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	MAXIMUM DIVERSION	STAGE
A51-07102B	CRAIG L. CHRISTIANSEN SHERRY L. CHRISTIANSEN HC 85, BOX 171 BRUNEAU ID 83604	41/10/1975	IRRIGATION FISH PROPAGATION	03-01 10-31 04-01 12-31	0.80 CFS 1.90 CFS	PERMIT

1.90 CFS TOTAL
0.00 AFA TOTAL

TRIBUTARY:

SOURCE: ~~GROUNDWATER~~
OTHER RIGHTS: A51-07064B & A51-02225.
CONDITIONS OF APPROVAL:

REMARKS: DESCRIPTION OF DIVERTING WORKS: ARTESIAN WELL FLOWS INTO EITHER AND BOTH A POND WITH AN ADDITIONAL PIPELINE INTO FISH RACEWAYS. WATER THEN GRAVITY FLOWS INTO PIPELINE WITH BOOSTER PUMP ON PIPE-LINE TO SPRINKLER IRRIGATION. WELL CAN BE PUMPED IF NEEDED W/50 HP PUMP ON WELL.

POINT OF DIVERSION: ~~1075 R05E S08~~ / SWNW

PLACE OF USE: IRRIGATION ~~WENE 40.0 B1~~ / ~~WNE 40.0 B9~~
~~1075 R05E S07~~
80.0 ACRES TOTAL

PLACE OF USE: FISH PROPAGATION ~~WENE~~ / ~~WNE~~
~~1075 R05E S08~~ / ~~SWNW~~

~~SEE~~
~~SWNW~~ - Fish

Same well as 7064 A & B?

Filed again on 11-9-84

Idaho Dept of Water Resources

T07S, R05E, S07
Claim(s) : 51-07102B,
Owner(s):Christiansen
Prepared by: Sue Bock
Date: 6/03/1998

SW Legal Description



Place of Use

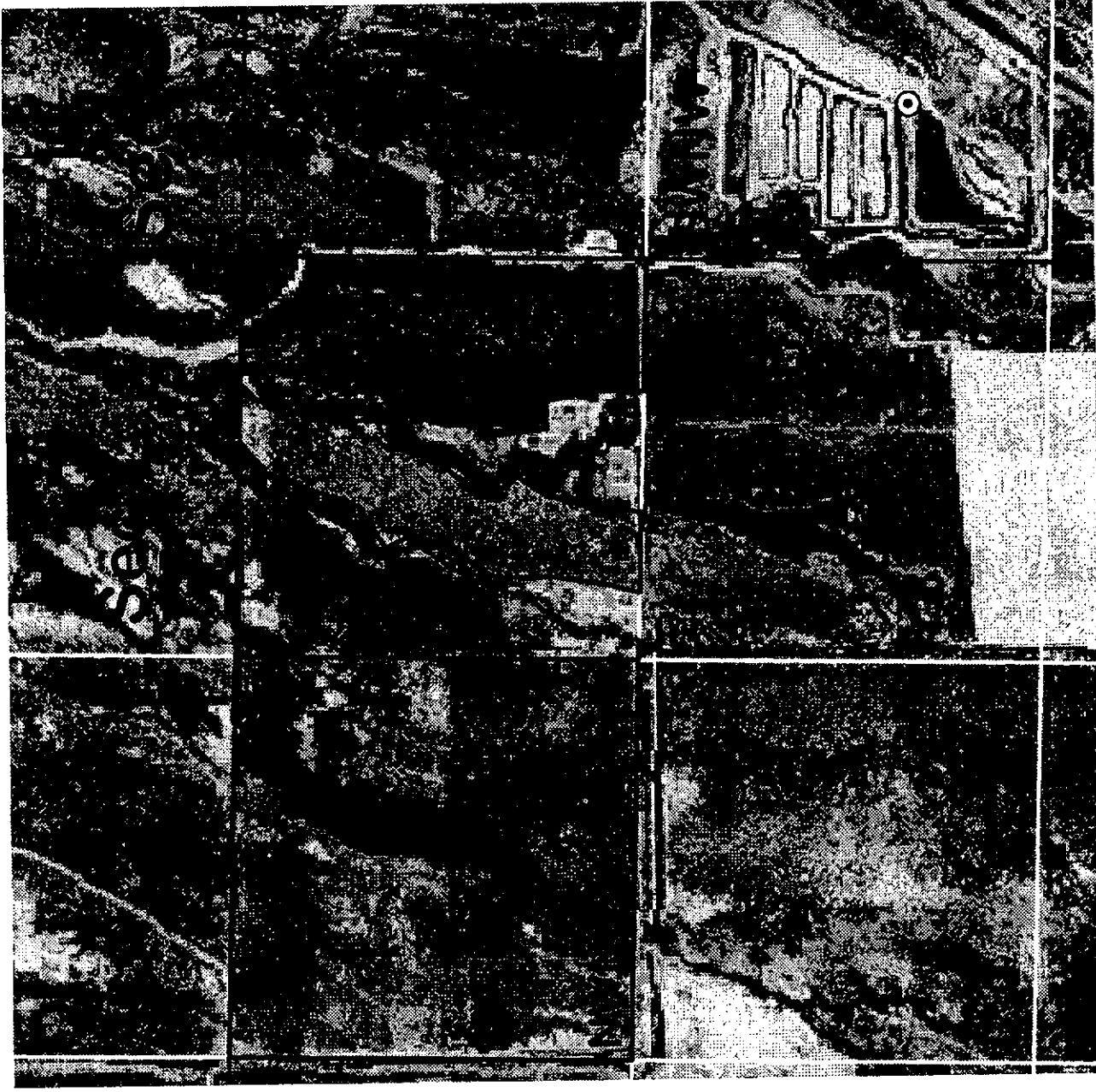
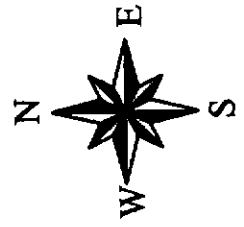


Point of Diversion



Section Lines

1/4 1/4 lines



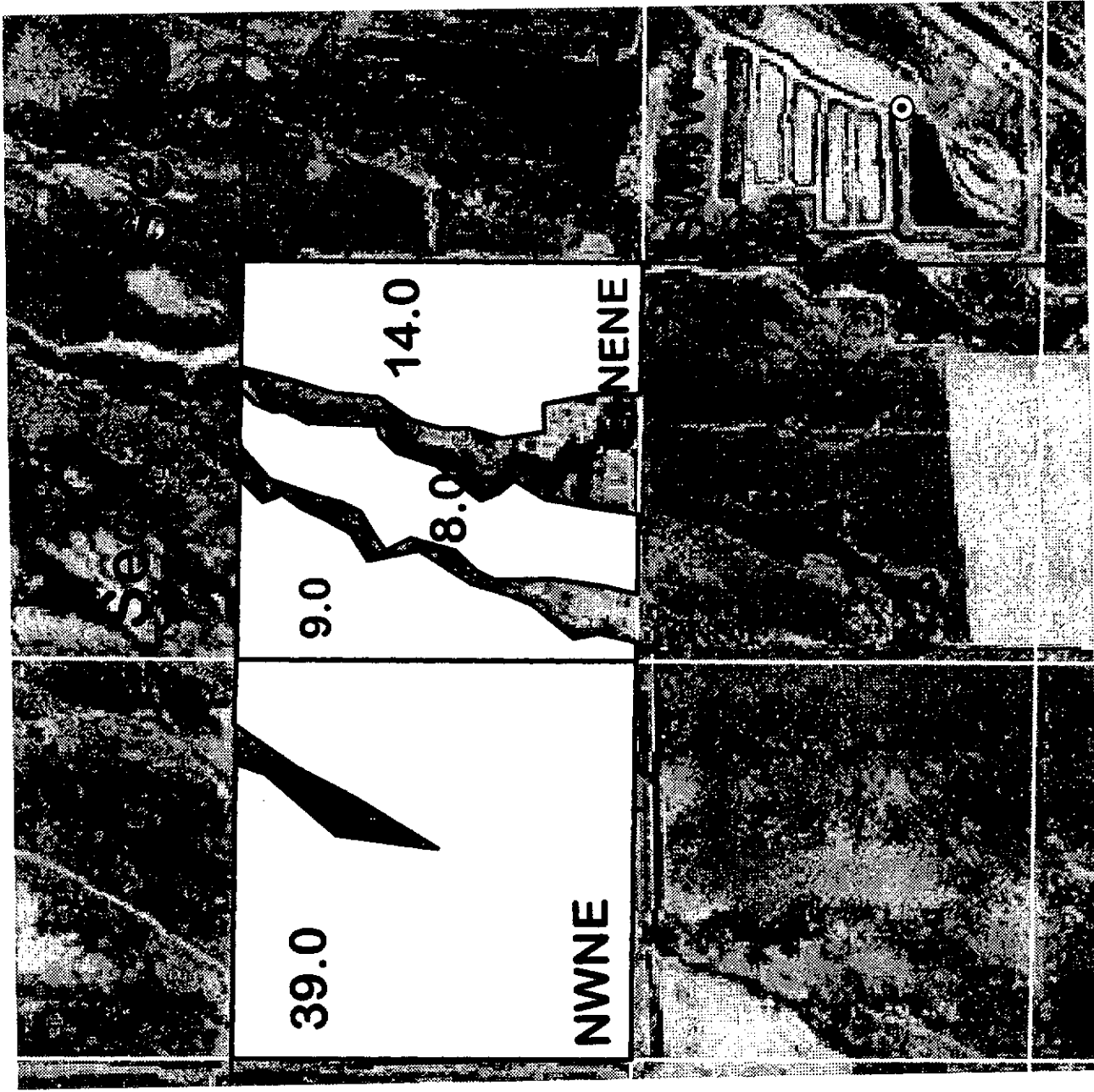
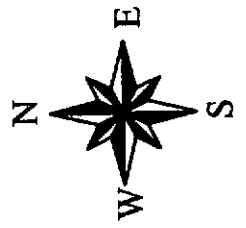
1987 NAPP Photo



Idaho Dept of Water Resources

T07S, R05E, S07
Claim(s) : 51-07102B,
Owner(s): Christiansen
Prepared by: Sue Bock
Date: 6/03/1998

- SW Legal Description
-  Place of Use
-  Point of Diversion
-  Section Lines
- 1/4 1/4 lines



47 30' 38

47 39

47 40

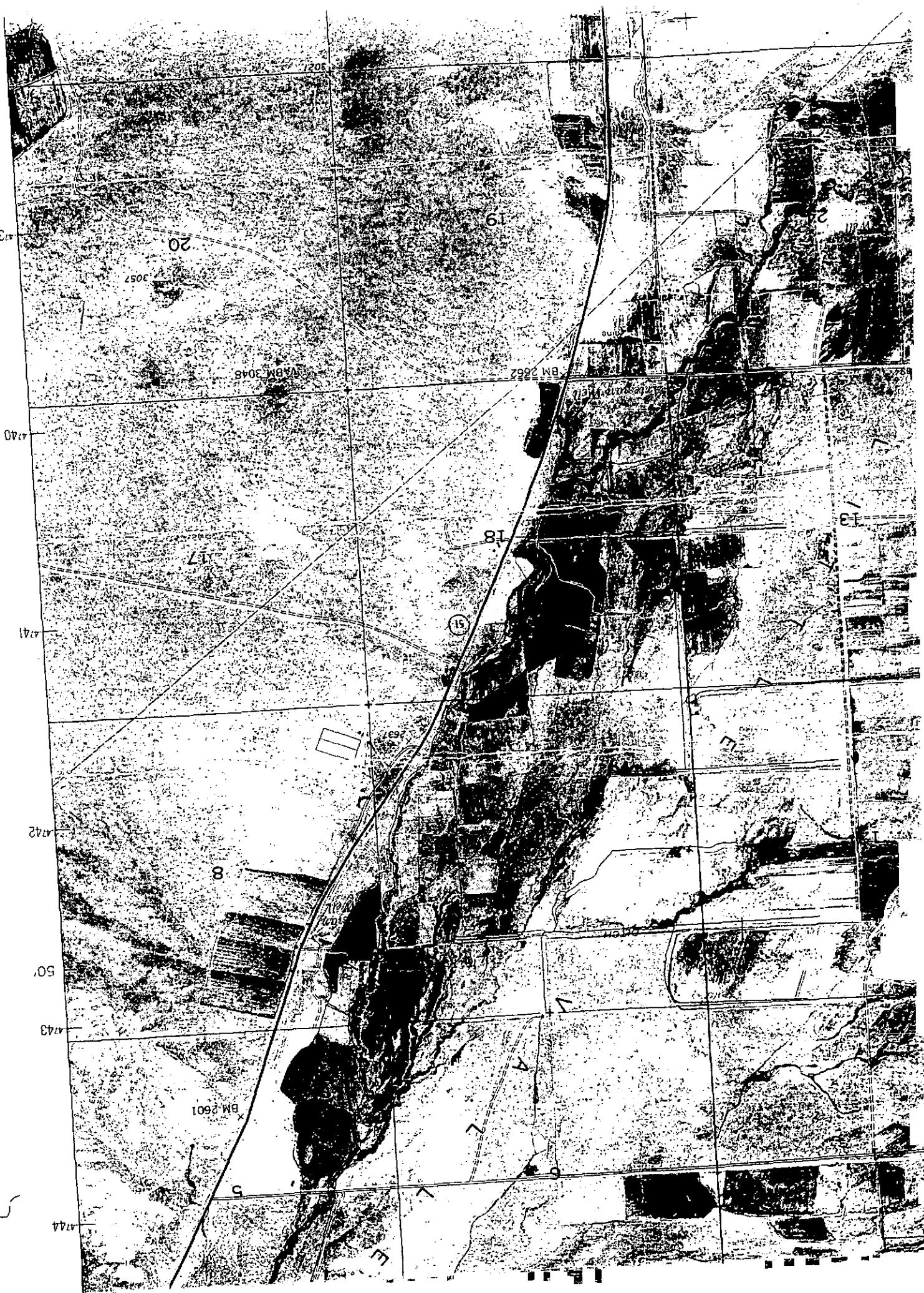
47 41

47 42

50'

47 43

47 44



Water Right Number - 51-07102B Prefix Translation: WATER RIGHT Old (D) Number -
+ - - - - Last Name - - - - + + - First Name - - - + + - - - - Address - - - - - +

*** C - CURRENT OWNER ***
CHRISTIANSEN

SHERRY L.

1 -
2 -
3 -

State- ID Zip- 83604

CHRISTIANSEN

CRAIG L.

City- BRUNEAU
Phone -

1 -
2 -
3 -

State- ID Zip- 83604

*** O - ORIGINAL OWNER ***
BACHMAN BROTHERS

City-
Phone -

State- Zip-

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

+ - - Source - - - - - + + - - Tributary - - - - - +
GROUNDWATER

+ - - - - - - - - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot Rflg County

07S 05E 8 SW NW (73) OMYHEE

+ - - - - - - - - - - - Water Use - - - - - Diversion Rate Diversion Volume
Code Description Period From Period To 0.800
01 - IRRIGATION 03/01 10/31 1.900
19 - FISH PROPAGATION 01/01 12/31

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

| Twn | Rng | Sec | Tract | Lot | Acres | Place of Use | Code | Description | County |
|-----|-----|-----|-------|-----|-------|--------------|------|------------------|-------------|
| 07S | 05E | 7 | NE NE | | 40.0 | 01 | 01 | IRRIGATION | (73) OMYHEE |
| 07S | 05E | 7 | NW NE | | 40.0 | 01 | 01 | IRRIGATION | (73) OMYHEE |
| 07S | 05E | 6 | NE SE | | | 19 | 19 | FISH PROPAGATION | (73) OMYHEE |
| 07S | 05E | 6 | SE SE | | | 19 | 19 | FISH PROPAGATION | (73) OMYHEE |
| 07S | 05E | 8 | NW NW | | | 19 | 19 | FISH PROPAGATION | (73) OMYHEE |
| 07S | 05E | 8 | SW NW | | | 19 | 19 | FISH PROPAGATION | (73) OMYHEE |

Total Acres: 80.0

Water right number - 51-07102B

Prefix Translation: WATER RIGHT

```

+ - - - - - Diversion Means -
+ - - - - - Non-Irrigation Use -
+ - - - - - Other Rights for Same Use -
+ - - - - - Remarks - - - - - +
                No Remarks found.
+ - - - - - Conditions of Approval - - - - - +
                No Conditions of Approval found.
+ - - - - - Decree Plaintiff - - - - - +
                + - - - - Decree Defendant - - - - - +
                + - - - - Decree Date - - - - - +
                00/00/0000
+ - - - - - Comments - - - - - +
                No comments Found
+ - - - - - Audit Fields - 00/00/00
+ - - - - - Water Rights Dates and Flags Area - - - - - +
Proof Due Date - 01/01/1981
Approved/Denied - 01/02/1976
Proof Made Date - 12/11/1980
Exam to S.O. Date - 12/04/1992
Order Show Cause - 00/00/0000
Licensed Date - 00/00/0000
Decree Date - 00/00/0000
Field Exam Made - 11/09/1984
Protested Date - 00/00/0000
Hearing Date - 00/00/0000
Verified Date - 00/00/0000
Receipt Number -
Appl Received - 00/00/0000
Field Exam Fee -
Swan Falls - 2
Temporary Right - P
DLE/Carey Act -
Water District -
Transfer/Amended -

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 51-07102B

Priority: November 10, 1975

Maximum Diversion Rate: 1.90 CFS
Maximum Diversion Volume: 1375.9 AF

This is to certify, that CRAIG L CHRISTIANSEN
SHERRY L CHRISTIANSEN

BRUNEAU ID 83604 has complied with the terms and condition 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> |
|-----------------------|----------------------|--------------------------|----------------------|
| IRRIGATION | 04/01 to 10/31 | 0.80 CFS | 280.0 AF |
| FISH PROPAGATION | 01/01 to 12/31 | 1.90 CFS | 1375.6 AF |
| Totals | | 1.90 CFS | 1375.9 AF |

LOCATION OF POINT(S) OF DIVERSION:

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

PLACE OF USE: IRRIGATION

| <u>TWN</u> | <u>RGE</u> | <u>SEC</u> | <u>ACRES</u> | <u>ACRES</u> | <u>ACRES</u> | <u>TOTAL</u> |
|------------|------------|------------|--------------|--------------|--------------|--------------|
| 07S | 05E | 7 | NENE 31 | NWNE 39 | | 70 |

Total number of acres irrigated: 70

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

07S 05E 8 SWNW

CONDITIONS/REMARKS:

9051. 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 limited to the amount that can actually be beneficially use 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.

GEN-4042. This water right is appurtenant to the described place of use.

9013. This right is subject to all prior water rights and may be forfeited by five years of non-use.

9024. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

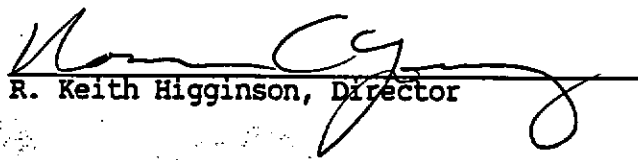
WATER RIGHT NO. 51-07102B

CONDITIONS/REMARKS:

- R31 5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.0 afa per acre for the lands above.
- QNT
FEB 27
+ 6. Use of this right with the rights listed below is limited to a total combined diversion rate of 4.79 cfs, a total combined annual diversion volume of 3467.9 af, and a total combined annual consumptive use volume of 837.0 af. The combined rights include: 51-07102A, 51-07064A, and 51-07064B.
- EXP
F06 7. The following rights are also diverted through the point of diversion described above: 51-07102A, 51-07064A, and 51-07064B. The fish propagation facility volume is 6.0 af.

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, 1995.

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 from 51-7102A & B + .99 from 7064A = 4.79 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

RECEIVED
DEC 09 1992

Department of Water Resources

A. GENERAL INFORMATION

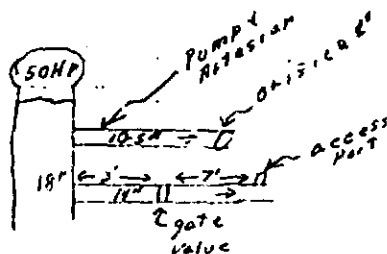
1. Owner: Craig & Sherry L. Christenson Permit No. 51-71028
Current Address: Boise, Idaho 83604 Phone No. _____
2. Accompanied by: Applicant EXAM. DATE: 11/9/94
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 51-2187 ☐ Copies Attached
2. Other water rights with same point of diversion: 51-7054 R.R. 51-71028 ☒ 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). ☒ 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).

System Description (continued)

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

See recorder measurement & surface
readings for total measurement.
Two separate readings - discharge flow
& return flow from pump.
Total flow 4.79 cfs

* See also attached remarks

☐ See Remarks on page 4 for continuation

- 4.

| Well or Diversion
Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No.
or Discharge Size |
|--|--------------|----|------------------|----------------|--------------------------------------|
| 18 | Westinghouse | 50 | 773890 | Hayes & Baller | 780216 |
| | | | | | |
| | | | | | |
| | | | | | |

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

5. Point(s) of Diversion:

| Ident.
No. | Gov't.
Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County | Method of Determination/Remarks |
|---------------|---------------|-----|-----|-----|------|------|------|--------|---------------------------------|
| | | SW | SW | NW | 8 | 75 | SE | Dwyhee | aerial photo |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

6. Place(s) of Use:

Indicate Method of Determination

| Twp. | Rge. | Sec. | NE 1/4 | | | | NW 1/4 | | | | SW 1/4 | | | | SE 1/4 | | | | Totals |
|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | |
| 75 | SE | 7 | 31 | 39 | | | | | | | | | | | | | | | 70 |
| | | 8 | | | | | | H | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

H = Fish propagation

Do not use this space

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>annubar</i> | <i>annubar</i> | | | | | |
| <i>orifice</i> | <i>orifice</i> | | | | | |
| | | | | | | |
| | | | | | | |

2. Measurements:

measured artesian flow, artesian + pump flow with an annubar and a orifice respectively. GAF Storage in Pond.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

annubar orifice

2. Alternate Method for Checking Purposes:

$$50HP \times 8.8 \times 8.5 \div 40' \div 1.433 = 374 = 4.34 \text{ cfs}$$

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

allow .8 for irrig per assignment

1. Volume Calculations for Irrigation:

$$V_{ia} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 70 \times 4.5 = 315$$

$$V_{da} = (\text{Diversion Rate (cfs)}) \times (\text{Days in Irrigation Season}) \times 1.9835 = .8 \times 245 \times 1.9835 = 389$$

$$V = \text{Smaller of } V_{ia} \text{ and } V_{da} = 315$$

2. Volume Calculations for Other Uses:

None.
Fish propagation: $1.9 \times 365 \times 1.9835 = 1375.6 \text{ AFA} = V_{div}$

H. REMARKS AND OVERLAP REVIEW ANALYSIS

AP 51-7102 was for 3.8 cfs - See water right
split summary for breakdown of it.
Backman 51-7102 R. cheslerman 51-7102B
Permits 51-7064 A & B. & 51-7102 A. Same P/D
Rate of diversion this and above water rights = 4.79 cfs
Total combined volumes = 3467.9 AFA
This water right limit to 1.9, see assignment.

I. RECOMMENDATIONS

1. Recommended Amounts

| Beneficial Use | Period of Use | | Rate of Diversion
Q (cfs) | Annual Volume
V (afa) |
|------------------|---------------|-------|------------------------------|--------------------------|
| | From | To | | |
| Irrigation | 3/1 | 10/31 | 1.80 | 315 |
| Fish propagation | 1/1 | 12/31 | 1.9 | 1395.6 AFA |
| | | | | 41/2. |
| Totals: | | | 1.9 | 1690.6 |

2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

J. AUTHENTICATION

Field Examiner's Name John K. Hayes
 Signature John K. Hayes
 Certification Date 5/1/92
 Field Report Preparation Date 11-13-84



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

Summation of Mule Bashmen & crazy Christiansen

[illegible]

PUMP CHARACTERISTICS

Handwritten notes: Discharge

Given: $Q = 14 \text{ ft}^3/\text{sec}$

Pipe size: 10" dia

Orifice: 37" dia

Water level: 52'

$R = \frac{\text{Discharge}}{\text{Area}} = \frac{14}{\pi \times 10^2/4} = 0.71$

$K = \frac{1}{R^2} = \frac{1}{0.71^2} = 1.99$

$G = 32.174 \text{ ft/sec}^2$

Re Orifice Area: $3.14159 \times (37)^2 = 5026.13 \text{ ft}^2$

Given: $H = 100 \text{ ft}$

Measurement of Water

in Tank: Pipe

Discharge: With Free

Discharge: Bulletin #501

1958

ASKN-6FE1

$$Q = 14 \times 5026.13 \sqrt{2 \times 32.174 \times 52}$$

$$= 37.146 \times \sqrt{3346.096}$$

$$= 37.146 \times 57.843 \text{ ft/sec}$$

$$= 2151.619 \text{ GPM} = \underline{46.79 \text{ cfs}}$$

Check Of Equation Against Table Data Given On Page

24 (Line 1) (Orifice)

$$Q = 14 \times 5026.13 \sqrt{2 \times 32.174 \times 52}$$

$$= 37.146 \times \sqrt{3346.096}$$

$$= 37.146 \times 57.843$$

$$= 1814.0498 \text{ GPM}$$

Table (Line) 2.23 Gives 1893 GPM For 37" Rod On

10" Pipe W/ 8" Orifice

$$1893 - 1814 = 78 / 1893 = 0.041 = 4.1\% \text{ Variation}$$

Straight Line Extrapolation $Q = 14 \text{ GPM per } \frac{1}{2} \text{ inch increase}$

In Water Level $= 50 \times 14 = 425 + 1893 = 2318 \text{ GPM}$

Approx $+ 7.5\%$

Recommended Max Capacity On 10" 8" Orifice = 2100 GPM

7.5 MINUTE SERIES (TOPOGRAPHIC)

WATERGATE (S. CHAMBERS)

POST
OFFICE

40000 FEET

115°52'30"

42°52'30"

51-2214

51-2113 (2)

51-2229

FEET

51-2117 (T #42)

51-7029

51-4000

51-7026 (2)

1.65

1.75

51-7041 (2)

51-2111 (T #2495) see AA-62, 12

51-2122

51-2124 (T #2495) see AA-62, 12

51-7041

51-2111 (T #2495) see AA-62, 12

51-2122 (2) (T #2495)

51-2124 (T #2495) see AA-62, 12

51-2121 (2) (T #2495)

51-2125 (2)

51-7020

51-2127

51-4022

51-2121

51-4020

51-4018

51-4017

51-7146

51-2122

51-4021

51-2127

51-2122

51-7143

51-2122 (2)

51-2124

51-4027

51-2118 (2)

51-2127

JOHN SUPPLEMENTAL FIELD REPORT
FOR ANNULAR MEASUREMENT

Measured by: JKN

Date: 4/26/82

Location: Mass. Department of Environmental Protection
Office of Water Resources

Permit: 51-TW-8-B

Artesian Flow

Description of well &/or measuring site: give distance to restrictions upstream and downstream
Down to Well 18' Casing to 30' Total Depth Approx 1393'
Flow Approx 200 GPM @ Pressure Approx 32 lb/in² Per Driller's System
Wesley House No. 5011 P. # 7738906154 Layne Pump # T80216 For Pumping In

Late Season After July Pumping Note: IN OPERATION FOR THIS MEASUREMENT
MEASUREMENT FOR CHECK ON ARTESIAN FLOW ONLY

Measured inside diameter of pipe in inches: 13.126" A

Size of Annubar used in test: 13.25"

State ID# of Annubar used: 091839

Size of Bubble Eye Meter used: 0-10"

Date of last calibration of meter: 3/26/82

Observed inches of H₂O read on Meter: 2.5"

Adjusted inches of H₂O from last calibration: 2.283"

Adjusted inches = Obs. inches x Flow Corr. Factor
Obs = 2.5"
Flow Corr. Factor = 0.913
2.5 x 0.913 = 2.2825

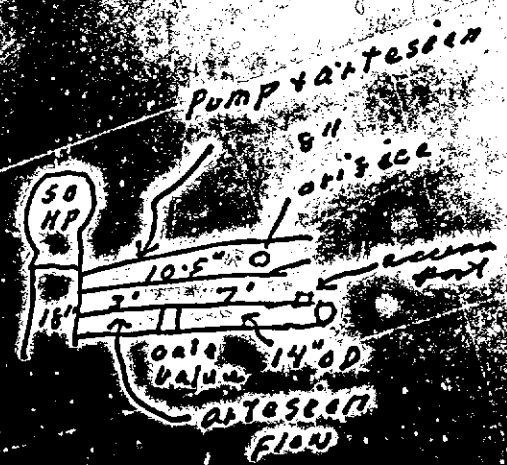
CALCULATION: (3.85) x (A)² x (1/B) 2.233

A = 13.126 = 172.292
1/B = 1/2.283 = 0.438
3.85 x 172.292 x 0.438 = 2.233

cfs measured

where A and B are measured in inches
and 3.85 is a constant for the model
75" Annubar

SKETCH:



Fish Pond

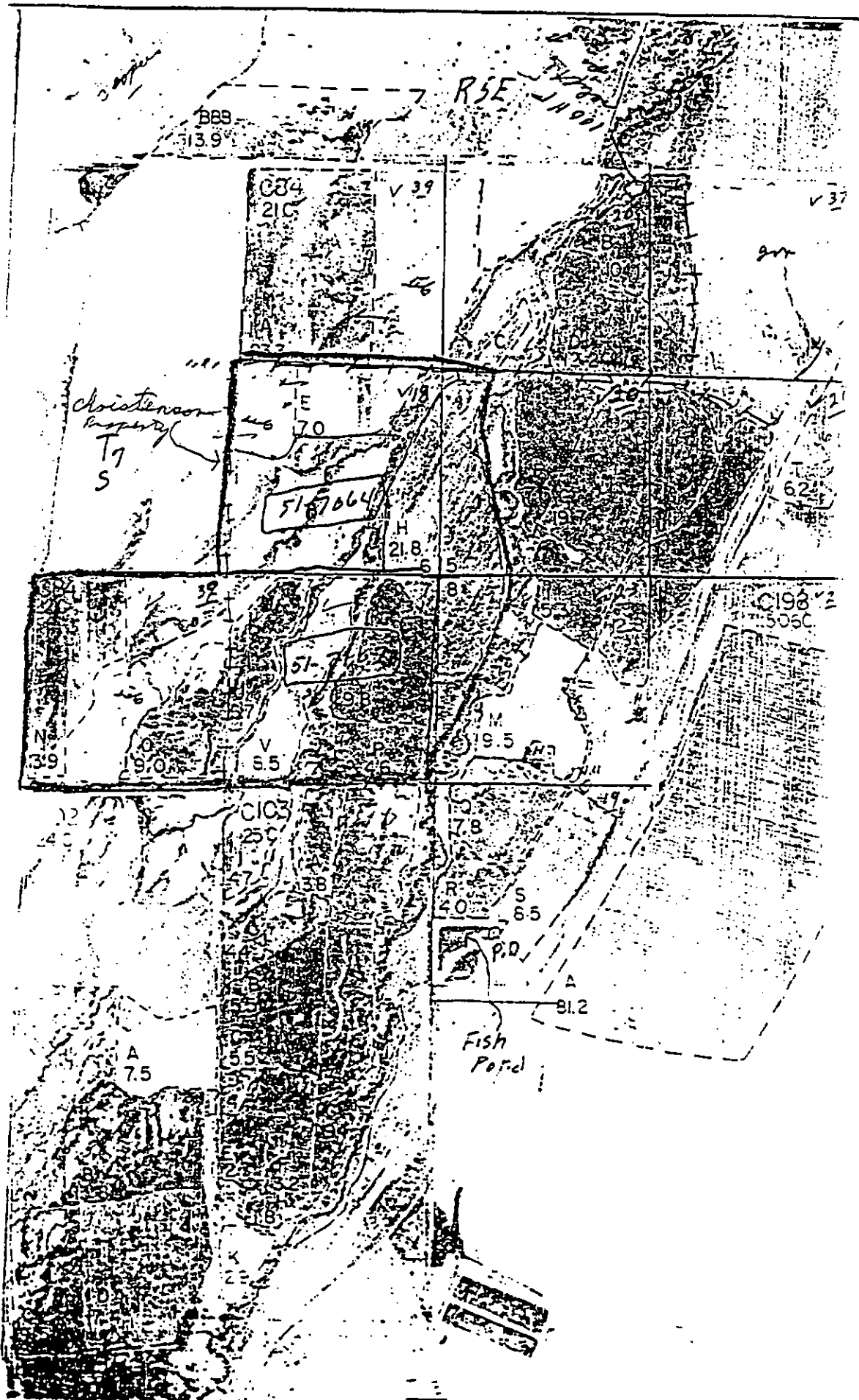
Ac. ft

7844 FEI

103.10 51,676 / 13.40 = 1.136 Acres

103.10 51,676 / 4.10 = 1.121 Acres

New Surface Area
Pond has Estimated 5'
Cone in Diameter 1.185 x 5' 5.925 Ac-Ft.



WESTERN REGION

CLAIM NUMBERS 51-071020

AGENT SB DATE 6/9/98

TOTAL ACRES FROM RECOMMENDATION _____

GEOGRAPHIC INFO SYSTEM ACRES 70

READY FOR DECREE ____ (YES) SENT FOR DECREE ____ (YES)

| RIGHT
NO | | | | NE | | | | NW | | | | SW | | | | SE | | | |
|-------------|--------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | TNS | RNG | SEC | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |
| RECOM | 725807 | | | 31 | 39 | | | | | | | | | | | | | | |
| GIS | | | | | | | | | | | | | | | | | | | |
| RECOM | | | | | | | | | | | | | | | | | | | |
| GIS | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

POLYGON CREATED ON 80____

POLYGON # () () () () _____ UPDATED BY

ATTRIBUTES OF B51-POU.SHP (68) (69) (70) (~~71~~) ()

ATTRIBUTES OF B51-POD.SHP (70) () () () ()

B51-DBPOU.DBF _____ UPDATED BY

B51-DBPOD.DBF _____ UPDATED BY

edited for the meadow APR

RDH GPSTABLE

* LB Industries
Christopher Clark 14/20/2

- Chuck Cook
Owhee Center Bldg.
Box 128
Murfreesboro 37130

M.M.

Joyce Eld
Nov.

208
325
8704

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: A51-07102B

Date Received: 1/13/1989

Receipt No: 1001255(871)

Received By: [Signature]

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: CRAIG L. CHRISTIANSEN 208-845-2055
Address: HC 85, BOX 171
BRUNEAU, ID 83604

Name: SHERRY L. CHRISTIANSEN 208-845-2055
Address: HC 85, BOX 171
BRUNEAU, ID 83604

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 | NW | | | OWYHEE |

5. Description of diverting works:
SEE REMARKS.

6. Water is used for the following purposes:

| Purpose | From | To | C.F.S. | (or) | A.F.A. |
|------------------|-------|-------|--------|------|--------|
| IRRIGATION | 03/01 | 10/31 | 0.800 | | |
| 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:
FISH PROPAGATION - HOT WATER SHRIMP/TOLAPYA.

10. Place of Use:

| Township | Range | Section | 1/4 of | 1/4 | Lot | Use | Acres |
|----------|-------|---------|--------|-----|---------------|------|-------|
| 07S | 05E | 6 | NE | SE | | FISH | |
| | | | SE | SE | | FISH | |
| | | 7 | NE | NE | | IRR | 40.0 |
| | | | NW | NE | | IRR | 40.0 |
| | | | | | Section Acres | | 80.0 |
| | | 8 | NW | NW | | FISH | |
| | | | SW | NW | | FISH | |
| | | | | | Total Acres | | 80.0 |

11. Place of use in counties: OWYHEE

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

13. Other Water Rights Used:

~~A57-07064B~~ & ~~A57-02225~~.

A51-07064B & A51-02225 D.E. J

14. Remarks:

DESCRIPTION OF DIVERTING WORKS: ARTESIAN WELL FLOWS INTO EITHER AND BOTH A POND WITH AN ADDITIONAL PIPELINE INTO FISH RACEWAYS. WATER THEN GRAVITY FLOWS INTO PIPELINE WITH BOOSTER PUMP ON PIPE-LINE TO SPRINKLER IRRIGATION. WELL CAN BE PUMPED IF NEEDED W/50 HP PUMP ON WELL.

15. Basis of Claim: PERMIT

See map in Claim No. A51-02225

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): Craig L. Christensen Date: 1-13-89
_____ Date: _____

State of Idaho)
County of ADA) SS.

Subscribed and sworn (or affirmed) before me this 13th day
of January 19 89
Jan Thurtell
Notary Public
Residing at Meridian ID
My Commission Expires 9-14-94