



NOTE: THE OMITTED
NUMBERS ARE
FOR GROWTH

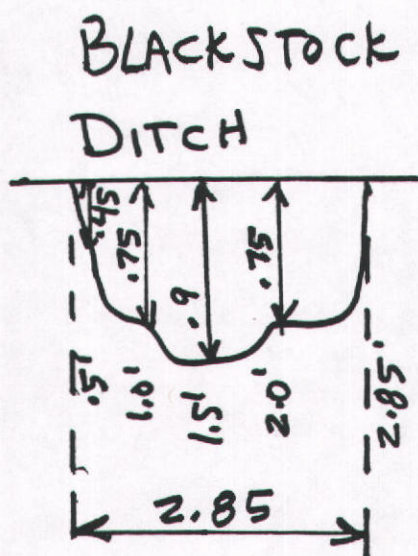
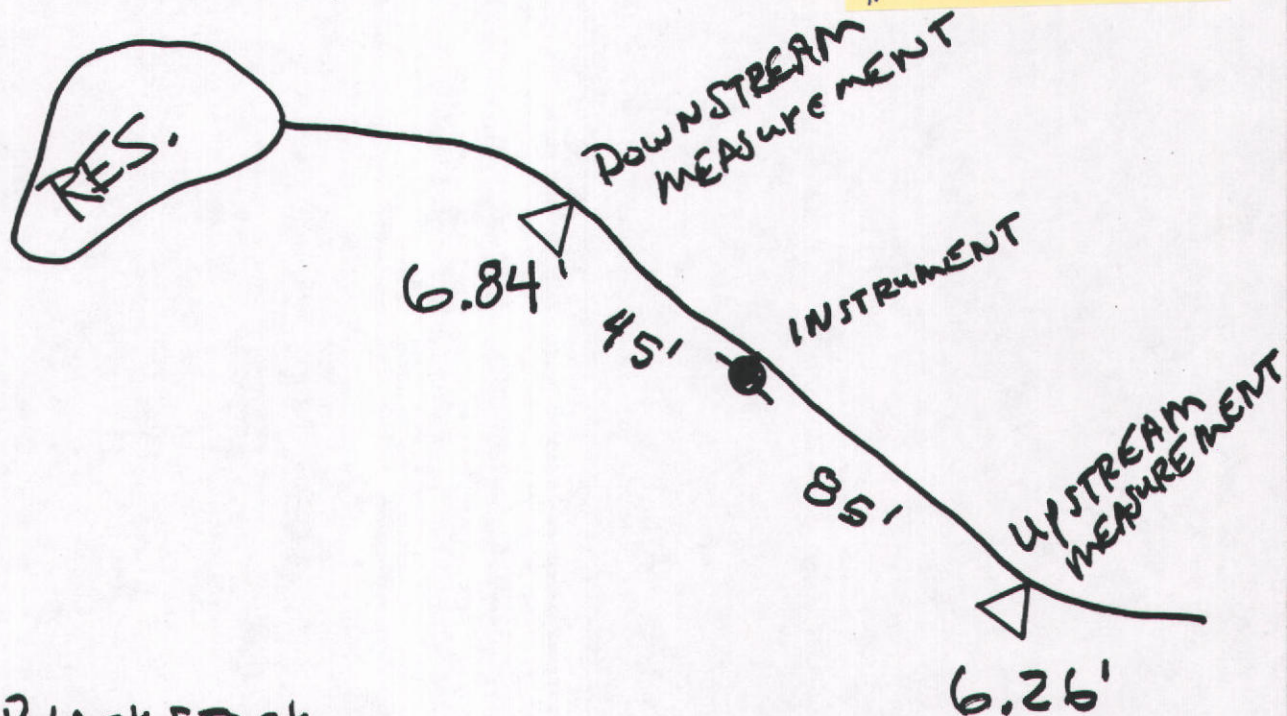
SEE
H9

OCT 21 1994

MAP LOCATION: IN. 402. SEC. 3 SENE

SOURCE: SQUAW CREEK
&
SNAKE RIVER

Manning's
Equation
Calculations
for Squaw Cr
Diversion



RATIO
FOR
MEANDERING

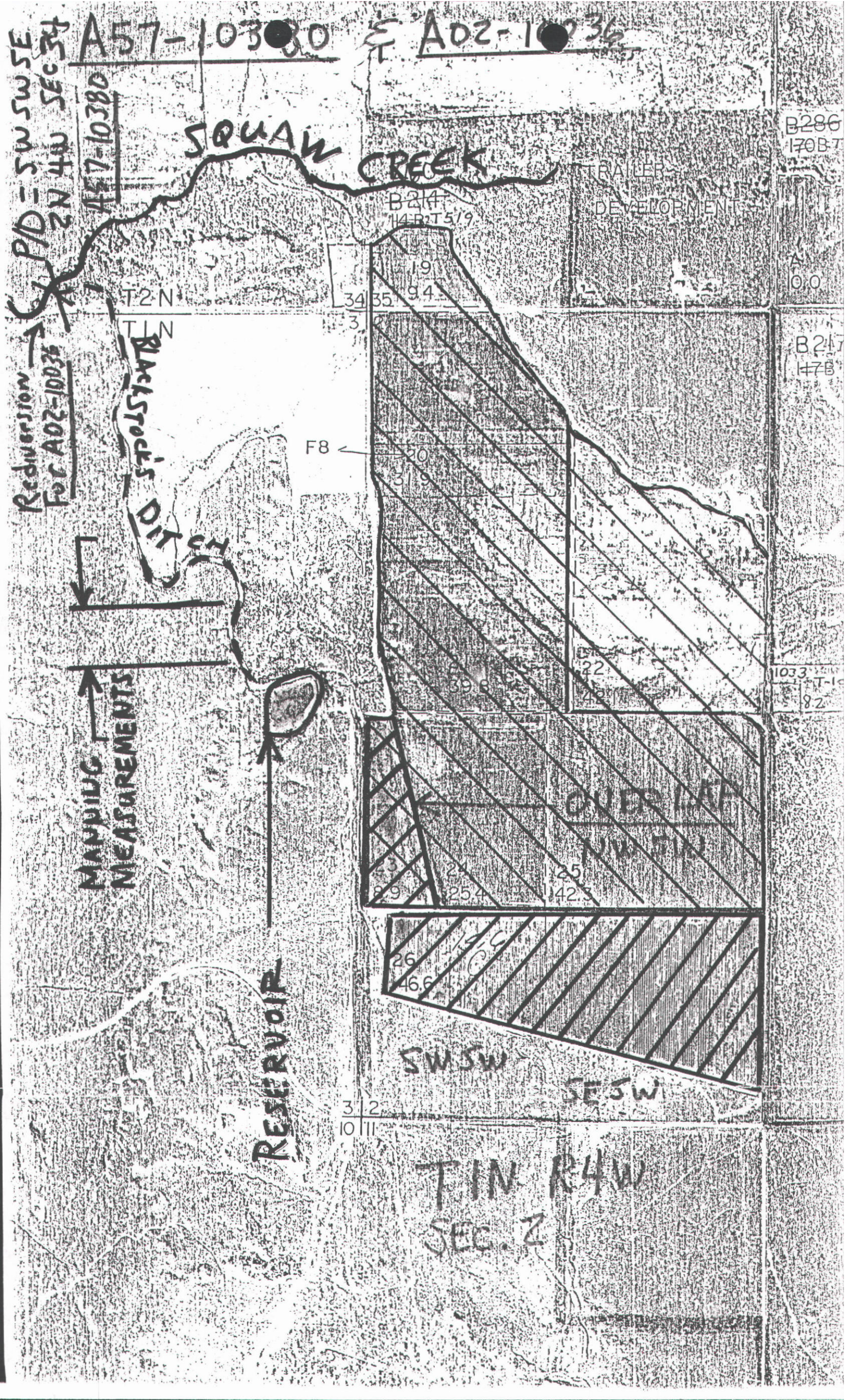
$$\frac{130'}{130'} = 1/1$$

A 57-10380 & A02-10636

Fx 1/20/90

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UNRECORDED



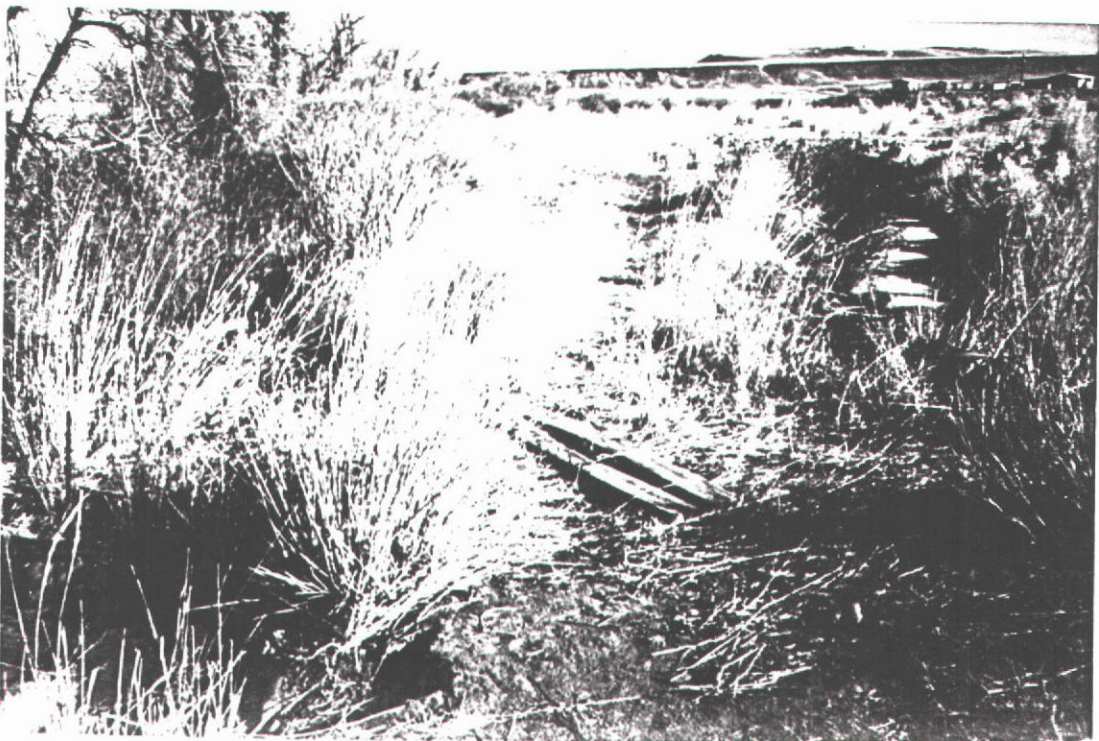
PICTURE # 1

This is the Point of Diversion from Squaw Creek (A57-10380). Screw type headgate in Squaw Creek. This is also the point that the water carried from the Snake River is diverted out of Squaw Creek (A02-10036).



PICTURE #2

This shows the ditch that carries Squaw Creek and Snake River Water.



RECEIVED
OCT 21 1994

57-07544

SQUAW CREEK

30.4

34/35

OPALENE

ROAD

P/u

1N 4W

MAR 06 1952

NW
NE
5
LOT
2

NENE

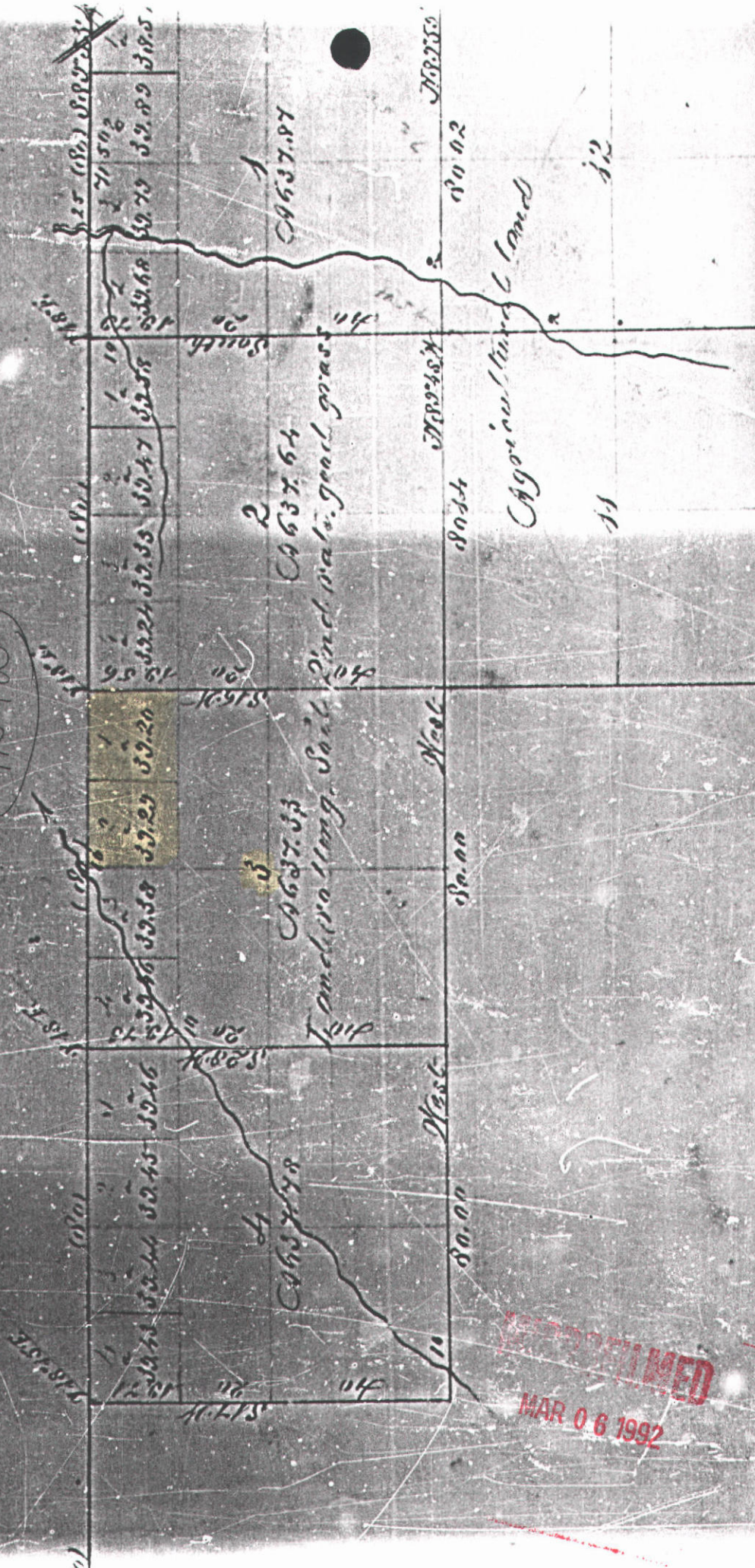
27

LOT
1

P/D SWSW SE
SEC 34
T2N 4W

Northridge No 4 West Bonzet Medicines

110400



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 57-07544

Priority: October 15, 1991

Maximum Diversion Rate:

0.63 CFS

Maximum Diversion Volume:

141.3 AF

This is to certify, that TED K BLACKSTOCK
MARY L BLACKSTOCK

HC 79 BOX 119

MELBA ID 83641

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 15, 1991; and has submitted Proof of Beneficial Use on February 1, 1993. An examination indicates that the works have a diversion capacity of 2.280 cfs of water from:

SQUAW CREEK

tributary to SNAKE RIVER

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	03/15 to 11/15	0.63 CFS	141.3 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSWSE, Sec. 34, Township 02N, Range 04W
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>
01N	04W	3	Lot 1(NENE) 27	Lot 2(NWNE) 4.4		31.4

Total number of acres irrigated: 31.4

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 that 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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. A measuring device and lockable controlling works of a type acceptable to the Department shall be permanently installed and maintained as part of the diverting works.
7. Use of water under this water right will be regulated by the watermaster of State Water District No. 57E.

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 57-07544

CONDITIONS/REMARKS:

8. The total combined rate of diversion under this right and Right 57-07541 shall not exceed 2.28 cfs.

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 11TH day of OCTOBER, 1994.


Acting for R. Keith Higginson, Director

OCT 21 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 57-07544 Telephone No. 896-4508
2. Name(s) of Permit Holder(s): Ted & Mary Blackstock
3. Mailing Address: HC 79 Box 119 Malheur Id 83641
4. Source of Water: Square Creek

If GROUNDWATER, Well Driller's Name: _____ Date Drilled: _____

OPTIONAL:

Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation 32 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted 6.3 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Lockable
Measuring device: Required? Yes No Installed? _____ Yes _____ No

OR
Flow Measurement Port: Required? _____ Yes No Installed? _____ Yes _____ No

8. Fee Enclosed: \$ 100 (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

as above
Name _____ Telephone No. _____

Address _____

10. The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

1 Feb 93
Date

Ted K Blackstock
Signature (and title, if on behalf of a company or organization)

FEB 17 1993

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 57-07544

Proposed Priority: October 15, 1991 Maximum Diversion Rate: 0.64 CFS

This is to certify, that **TED K BLACKSTOCK**
MARY L BLACKSTOCK
HC 79 BOX 119
MELBA ID 83641

has applied for a permit to appropriate water from:

SQUAW CREEK tributary of **SNAKE RIVER**

and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	0.64 CFS

LOCATION OF POINT(S) OF DIVERSION: SWSWSE, Sec. 34, Township 02N, Range 04W
OWYHEE County

PLACE OF USE: IRRIGATION

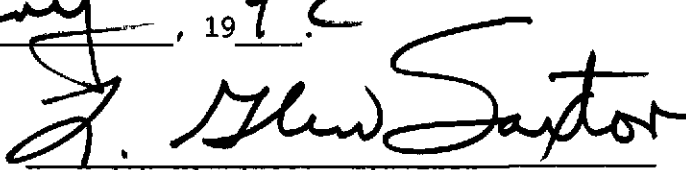
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
01N	04W	3	Lot 1(NENE) 27	Lot 2(NWNE) 5		32
Total number of acres irrigated:						32

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **March 1, 1993**.
2. Subject to all prior water rights.
3. Use of water under this right is subject to control by the watermaster of State Water District No. 57E.
4. A measuring device and lockable controlling works of a type acceptable to the Department shall be permanently installed and maintained as part of the diverting works prior to diversion of water under this right.
5. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

28th day of **February**, 19**92**


R. Keith Higginson, Director

for
MAR 06 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: TED K BLACKSTOCK 208-896-4508
Address: HC 79 BOX 119
MELBA ID 83641
OR
Name: MARY L BLACKSTOCK 208-896-4508
Address: HC 79 BOX 119
MELBA ID 83641

2. Source: SQUAW CREEK Trib. to: SNAKE RIVER
3. Location of Point of Diversion: SWSWSE Sec. 34, Township 02N, Range 04W
OWYHEE County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
IRRIGATION	03/15	11/15	0.630		
			* 0.64		

5. Total quantity to be appropriated is:
0.630 CFS (and/or) AF
* 0.64

6. Proposed diverting works:

- a. Description of ditches, flumes, pumps, headgates, etc.
CONC. DAM, DITCHES GRAVITY FLOW
b. Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
c. Proposed well diameter is inches; proposed depth of well is
feet.
d. Is groundwater with a temperature greater than 90F being sought? NO

7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 1 years.

8. Description of proposed uses:
IRRIGATION, SUPPLEMENTAL TO SNAKE RIVER WATER

*allow .64 for 32 acres
Database changes made 11-8-91 GJH

11-8-91

9. Place of Use: IRRIGATION

TWN	RGE	SEC	ACRES	ACRES	ACRES	TOTAL
01N	04W	3	LOT 1(NENE) 27	LOT 2(NWNE) 5		32

Total number of acres irrigated: 32

10. Describe any other water rights used for the same purposes.

002-02383

11. a. Who owns the property at the point of diversion?

APPLICANT

b. Who owns the land to be irrigated or place of use?

APPLICANT

c. If the property is owned by a person other than the applicant,
describe the arrangement enabling the applicant to make this filing.

12. Remarks:

13. Map of proposed point of diversion and place of use attached? ☒

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Ted K. Blackstock
Applicant

Received by Rch Date Oct 15, 91 Time 10:17 Preliminary check by GH

Fee \$ 45.00 Receipted by Rch # W013780 Date Oct. 15, 91

Publication prepared by GG Date 11-13-91 Published in Owyhee Avalanche
11/20 & 11/27/91

Publication approved AT Date 12-16-91

RECEIVED
NOV 6 1992



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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

October 12, 1994

TED K BLACKSTOCK
MARY L BLACKSTOCK
HC 79 BOX 119
MELBA ID 83641

RE: WATER RIGHT NO. 57-07544

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

A handwritten signature in cursive script that reads 'Shelley W. Keen'.

Shelley W. Keen
Water Rights Supervisor

SK:dc

Enclosure

A handwritten signature, possibly 'M. R. V. M.', in a stylized, somewhat illegible script.

OCT 21 1994

LICENSE REVIEW CHECKLIST

PERMIT NO. 57-7544 DATE 8-29-94



NAME	Yes ☐	No ☒	Or Address Change?
PRIORITY DATE	☐	☒	Advance? ☐ Advanced to: ☐ Order to reinstate needed? ☐ Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☐	☒	Changes or just clarification of originally intended source? ☐ Notice of Intent to Void necessary? ☐
POINT OF DIV	☒	☒	Amendment needed? ☐ Overlaps? <u>57-07541 (PERMIT) (Getting ready to license. CONDITION)</u>
PLACE OF USE	☒	☒	Amendment needed? ☐ Overlaps? <u>02-07388 (different source) (PERMIT)</u> <u>02-2383 " "</u>
DIV RATE	☐	☒	Measurement Q = <u>2.28</u> Theoretical Q = ☐ <u>31.4 acres x .02 = .63 CFS</u> Capacity: <u>2.28</u> Combined rates exceed capacity ☐ Permit/fee limits: <u>.64</u> Allowable: <u>.63</u>
ANNUAL VOLUME	☐	☒	Season of use: <u>D-4.5 (3-15 to 11-15)</u> Calculations: <u>31.4 x 4.5 = 141.3</u> Flow limit: ☐ cfs x ☐ x 1.9835 = ☐ Combined volumes exceed capacity/allowable ☐
USES	☐	☒	Change in Nature of Use or additional uses? ☐ Amendment necessary? ☐
REMARKS	<u>W34 / W81</u> Multiple p/d(s) in 1/4 1/4? ☐ Other ☐		
CONDITIONS	<u>R39</u>	☐	Measuring/Locking Devices
	<u>R04</u>	☐	Watermaster control - District <u>57E</u>
	<u>R32</u>	☒	Irrigation Overlap
	☐	☒	Water Quality
	☐	☒	Other ☐

COMMENTS: _____

RECOMMENDED	CFS	VOLUME	LICENSE ☒
<u>Irrigation</u>	<u>.63</u>	<u>141.3</u>	ADJUSTMENT MEMO NEEDED ☐
_____	_____	_____	1ST AMENDMENT LETTER ☐
_____	_____	_____	FINAL AMENDMENT LETTER ☐
TOTALS	<u>.63</u>	<u>141.3</u>	



WR0749NP
No. L57-07544

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 08/29/94
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	TED K BLACKSTOCK	10/15/1991	IRRIGATION	03-15 11-15	0.63 CFS	141.30 AFA
C	MARY L BLACKSTOCK					
	HC 79 BOX 119					
	MELBA ID 83641					
	(208) 896-4508					
				TOTAL DIVERSION:	0.63 CFS	141.30 AFA

Water Source: SQUAW CREEK

Tributary to: SNAKE RIVER

Stage: LICENSE

Point(s) of Diversion Capacity: 2.28 CFS

Point(s) of Diversion: T02N R04W S34 SWSWE OMYHEE County

Place of use Legal Description for: IRRIGATION

NE				NW				SW				SE											
T	R	S	: Lt Ac	NENE	NWNE	SWNE	SENE	: Lt Ac	NENW	NWNW	SWNW	SENW	: Lt Ac	NESW	NWSW	SWSW	SESW	: Lt Ac	NESE	NWSE	SWSE	SESE	: SUM
01N	04W	3	: 01-27	02-04				:					:					:					: 31.4
TOTAL ACRES																							31.4

Pou County: OMYHEE

Other Water Rights with Same Point(s) of Diversion and Source:
57-07541 57-07544 L57-07541

Other Water Rights Listing Overlapping Place(s) of use:
57-07544

Conditions of Approval:

- R32 - This right when combined with all other rights shall provide no
- more than .02 cfs per acre nor more than 4.5 afa per acre for the
- lands above.
- R39 - A measuring device and lockable controlling works of a type
- acceptable to the Department shall be permanently installed and
- maintained as part of the diverting works.
- R04 - Use of water under this water right will be regulated by the
- watermaster of State Water District No. 57E.

Remarks: The total combined rate of diversion under this right and
Right 57-07541 shall not exceed 2.28 cfs.

Dates: App. Received: 10/15/1991 Priority Date: 10/15/1991
Proof Due Date: 03/01/1993 Proof Made Date: 02/01/1993
Exam Made Date: 11/20/1990 Exam Sent to S.O.: 06/09/1994
Licensed Date:

Misc: Water District Number: 57E Field Exam Fee: R (Received)

Audit: 08/29/94 BCHAPMAN

(WATER RIGHT NUMBERS THAT BEGIN WITH AN '1' ARE ADJUDICATION CLAIMS)

WR-NUMBER	SOURCE	NE				NW				SW				SE				SUM
		NE		NW		SW		SE		NE		NW		SW		SE		
		Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	
L5707544	T01N R04W S 3 SQUAW CREEK																	
	: 01-27 02-04																	31
0202383	SNAKE RIVE :	27		05														32
A0202383	SNAKE RIVE :	27		05														32
0207388	SNAKE RIVE :	10		20		20		10										60
5700282	SQUAW CREE :									03-1	04-1	1						
*5700282	SQUAW CREE :									03-0	04-31	0						31
A5700282	SQUAW CREE :									03-04	04-30							34
5707542	SQUAW CREE :									03-0	04-31	0						31
5707544	SQUAW CREE : 01-27 02-05																	32
A5710377	SQUAW CREE :									04	30							34

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUN 13 1994

Department of Water Resources

A. GENERAL INFORMATIONPermit No. 57-075441. Owner: Ted + Mary Blackstock Phone No. 896-4508Current Address: HC 79 Box 119 Melba 836412. Accompanied by: _____ EXAM DATE: 11/20/90

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Squaw Cr tributary to Snake R**B. OVERLAP REVIEW**1. Other water rights with the same place of use: 02-02383, 02-073882. Other water rights with the same point of diversion: 57-10380, A02-10036, 57-07541**C. DIVERSION AND DELIVERY SYSTEM**

1. 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	SE	34	2N	4W	Owyhee	USGS Quad, ASCS Photo

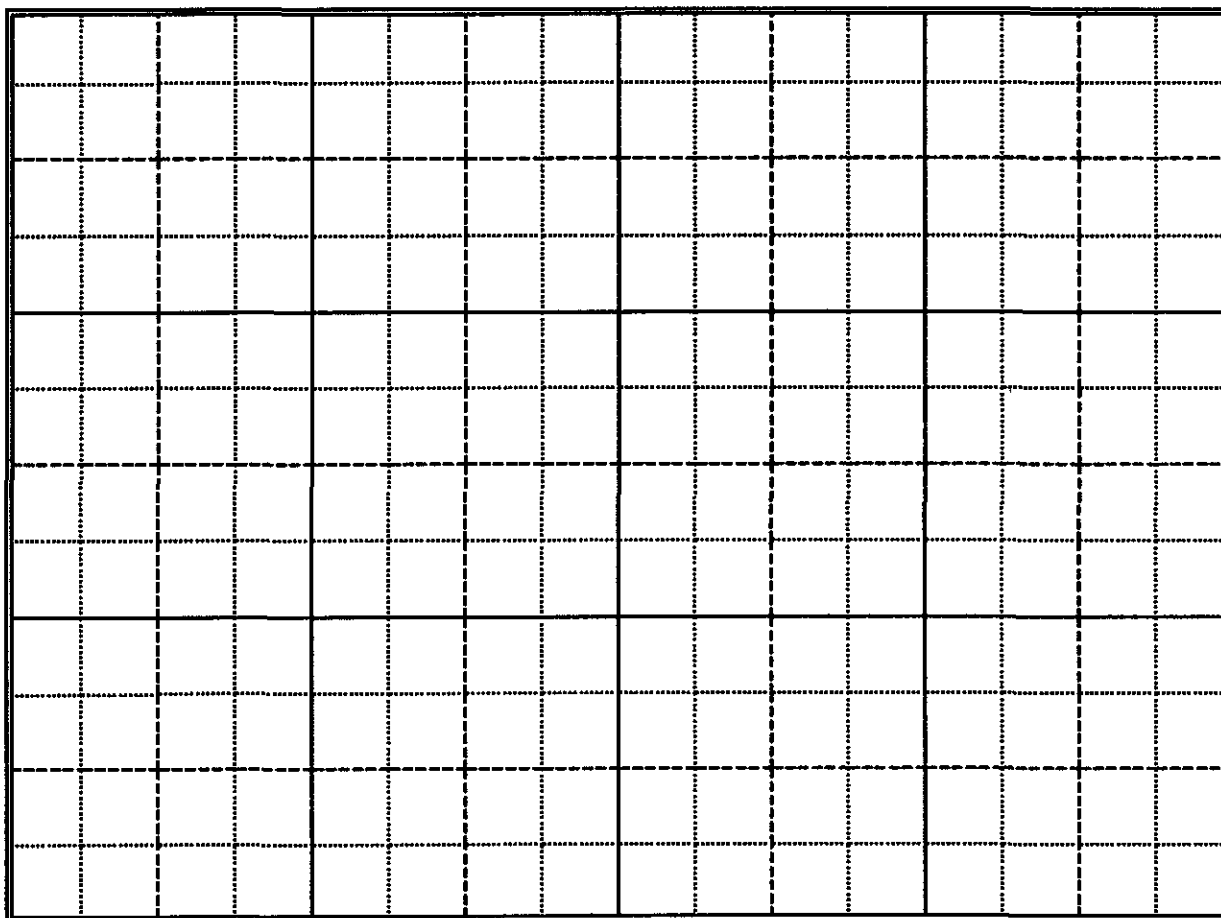
2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
1N	4W	3	4.1 27	4.2 4.4															31.4

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3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

☒ Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4. *N/A*

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
<i>Engineers level</i>						

2. Measurements:

Manning's Equation

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E. NARRATIVE/REMARKS/COMMENTS

The Squaw Creek diversion used for this pt is the same used for 57-07541, which replaced disallowed SRBA claim 57-10380. The field exam and manning equation calculations conducted by Ron Howerton for 57-10380 were used for this permit since the same P/D and ditch serves both pts. This permit was filed as a result of Ron's field findings.

Pt 57-07541 used the same P/D for separate acres. 57-10380 was disallowed. A02-02383 lists the same P/D as a rediversion pt for Snake River water claimed on the same P/D (separate source). 02-07388 is a permit for Snake River water on same P/D. This pt, when combined with Snake River water is limited to 1"/acre.

See SRBA claim file A57-10380 for original maps & photos.

Have conditions of permit approval been met? ☒ yes ☐ no

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F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

per Manning Equation:
Ditch Capacity = 2.28 cfs
(above reservoir)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 31.4 \times 4.5 = 141.3$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .63 \times 246 \times 1.9835 = 307.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 141.3$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3/15	11/15	.63	141.3
Totals:			.63 cfs	141.3 afa

2. Recommended Amendments

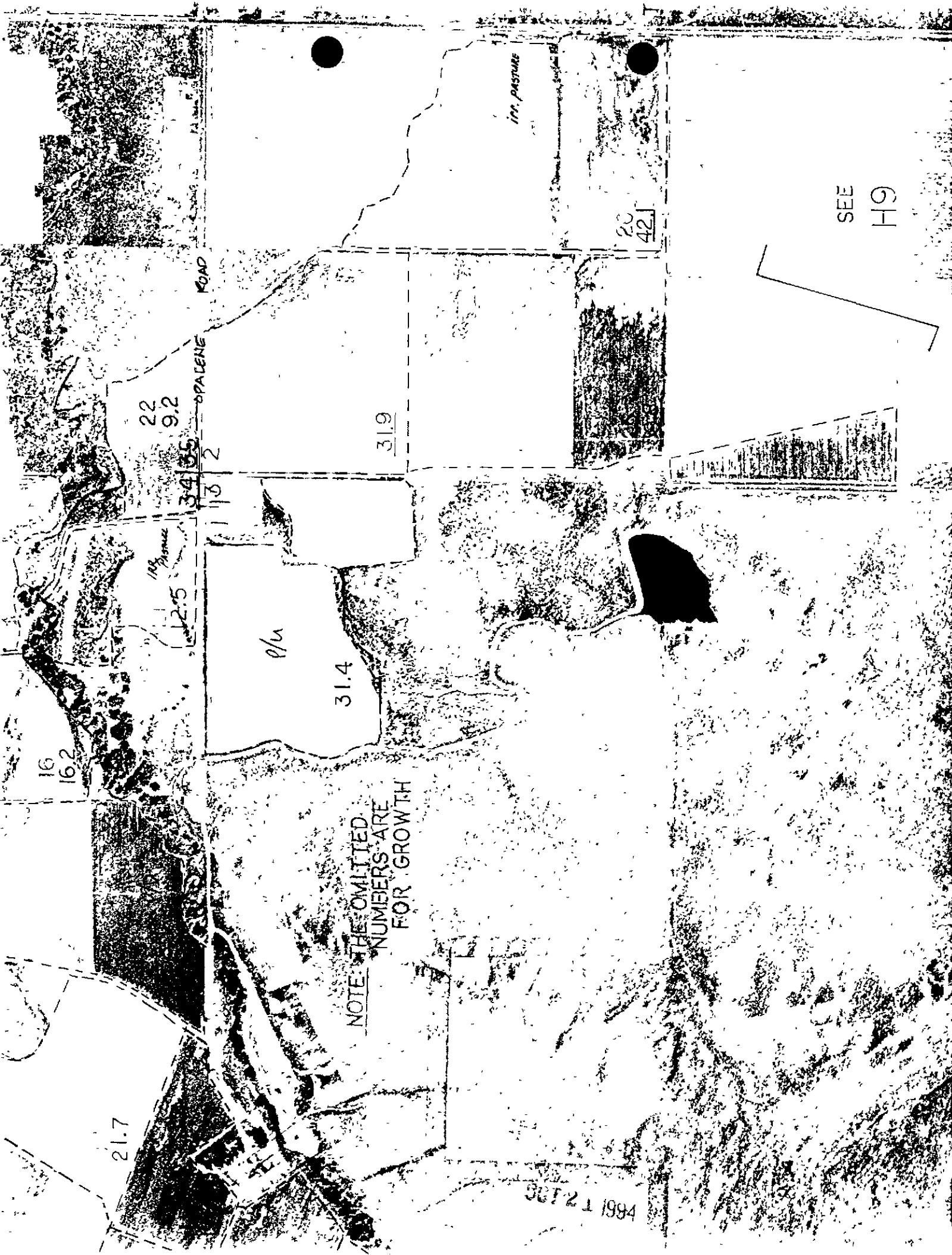
___ Change P.D. as reflected above ___ Add P.D. as reflected above ☒ None
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATIONField Examiner's Name R. A. Swartz Date 5/6/94

Reviewer _____ Date _____

SEAL

OCT 21 1994



NOTE: THE OMITTED
NUMBERS ARE
FOR GROWTH

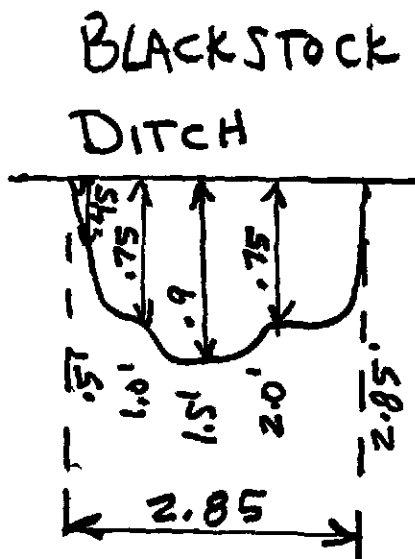
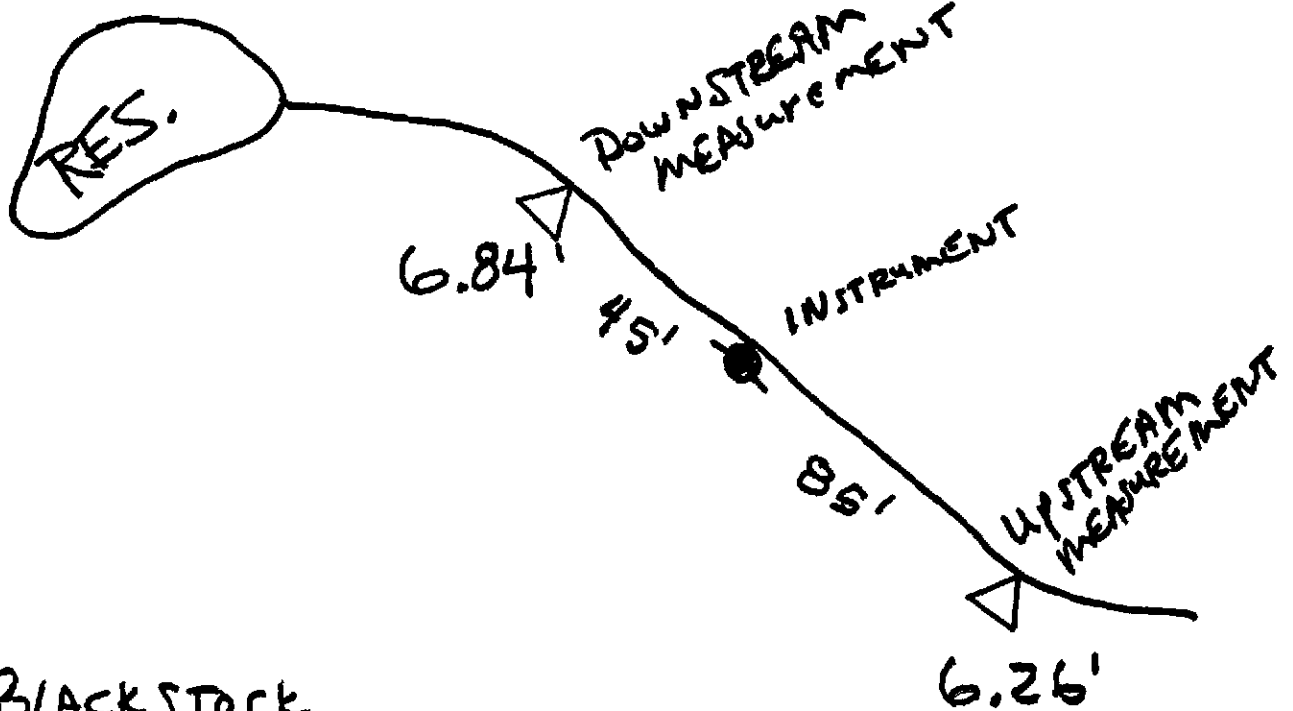
SEE
H9

30721 1994

MAP LOCATION: T1N. 40E. SEC. 3 SENE

SOURCE: SQUAW CREEK
&
SNAKE RIVER

Manning's
Equation
Calculations
for Squaw Cr
Division



RATIO
FOR
MEANDERING

$$\frac{130'}{130'} = 1/1$$

A57-10380 & A02-10636

Fx 1/20/90

OCT 21 1994

NOV 20 1994

Claim No(s): A57-10030 & A02-10036

Name of Claimant: BLACKSTOCK, TED

Name of Ditch, Canal, or Stream Name: SQUAW CREEK

Date of Measurement: 11/20/90 Data Collected By: RON HOWERTON

Measurement Location: SE 1/4 NE 1/4 Section 3 T 1N R 4W

General Description and Comments

Cross-section Data

Basis: High water mark () Maximum capacity ()

Note: A minimum of five readings is necessary; first and last rod reading must be equal or zero

Depth or Rod Reading	Dist. from Initial Point	Depth or Rod Reading	Dist. from Initial Point
1. <u>0</u>	<u>0</u>	11. _____	_____
2. <u>0.45</u>	<u>0.5</u>	12. _____	_____
3. <u>0.75</u>	<u>1.0</u>	13. _____	_____
4. <u>0.9</u>	<u>1.5</u>	14. _____	_____
<u>0.75</u>	<u>2.0</u>	15. _____	_____
6. <u>0</u>	<u>2.85</u>	16. _____	_____
7. _____	_____	17. _____	_____
8. _____	_____	18. _____	_____
9. _____	_____	19. _____	_____
10. _____	_____	20. _____	_____

Slope Data

Basis: High water mark () Channel bottom ☒ Land surface ()

Channel length from cross section: Upstream 85' Downstream 45'

Total channel length used for slope measurement: 130'

Rod reading at engineers level: N/A

Upstream rod reading 6.26 - High Water Mark(if taken from channel bottom) _____ = _____

Downstream rod reading 6.84 - High Water Mark(if taken from channel bottom) _____ = _____

N : The downstream rod reading must be higher than the upstream rod reading.

Are maps and/or photos attached? Yes ()

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MANNING'S "n" (roughness coefficient)

BASIC "n" CHANNEL MATERIAL				CHANNEL OBSTRUCTIONS			
earth	.020	X	(1)	negligible	.000	X	(1)
rock	.025		(2)	minor	.010		(2)
fine gravel	.024		(3)		.015		(3)
coarse gravel	.028		(4)	appreciable	.020		(4)
					.030		(5)
				severe	.040		(6)
					.050		(7)
					.060		(8)
				SURFACE IRREGULARITY			
smooth	.000		(1)	low	.005		(1)
minor	.005	X	(2)		.010	X	(2)
moderate	.010		(3)	medium	.015		(3)
severe	.020		(4)		.020		(4)
					.025		(5)
				high	.030		(6)
					.040		(7)
					.050		(8)
				very high	.060		(9)
					.075		(10)
					.100		(11)
VARIATIONS IN SIZE AND SHAPE OF CROSS-SECTION				DEGREE OF MEANDERING			
gradual	.000		(1)	minor	1.00	X	(1)
occasional	.005	X	(2)	appreciable	1.15		(2)
frequent	.010		(3)	severe	1.30		(3)
	.015		(4)				

MANNING EQUATION CHANNEL CAPACITY RESULTS 12-21-1990

File Number: ~~A57-00232~~ A57-10380 & A02-10036
Client: Ted Blackstock
Channel measured: Squaw Creek
Date of measurement: Nov. 20
Measurement location:

T1N.

Calculation prepared by: Ron Howerton
Comments about the measurement:

The results of the calculation are:

The length of the channel measured is 130 feet.
The upstream and downstream rod readings are 6.26 and 6.84 feet.
The channel cross section is 1.56 ft-sq.
The wetted perimeter is 3.43 feet.
The hydraulic radius is 0.45 feet.
The slope is 0.0045
The roughness coefficient is 0.0400
The flow velocity is 1.468 ft/sec.
The rate of flow is 2.28 cfs.

OCT 21 1994

MICROFILMED

OCT 07 1992

CROSS SECTION NUMBER 1

For File Number A57-00282 for the Squaw Creek

Number	Rod Reading	Water Depth	Distance
1	0.00	0.00	0.00
2	0.45	0.45	0.50
3	0.75	0.75	1.00
4	0.90	0.90	1.50
5	0.75	0.75	2.00
6	0.00	0.00	2.85

The area for this cross section is 1.56 square feet
and the wetted perimeter is 3.43 feet.

OCT 21 1951

MICROFILMED

Reduction → C PD = SW SW SE
For A02-10036 2N 4W SEC 34

A57-10380

A02-10036

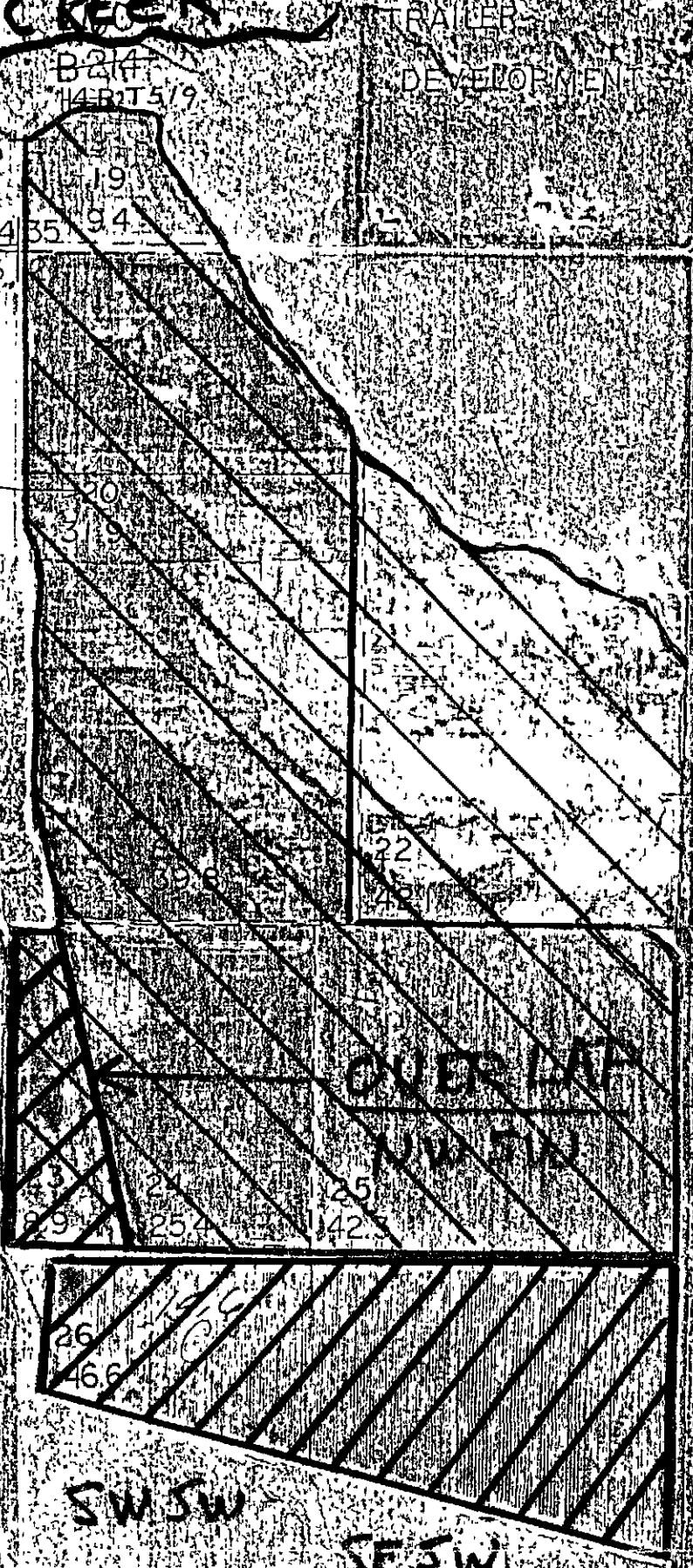
SQUAN CREEK

A57-10380

BLACKSTOCK'S DITCH

MAKING MEASUREMENTS

RESERVOIR



B286
170B7

A
0.0

B21
147B

1033
T-1
82

T1N R4W
SEC. 2

PICTURE # 1

This is the Point of Diversion from Squaw Creek (A57-10380). Screw type headgate in Squaw Creek. This is also the point that the water carried from the Snake River is diverted out of Squaw Creek (A02-10036).



PICTURE #2

This shows the ditch that carries Squaw Creek and Snake River Water.



February 5, 1993

TED K BLACKSTOCK
MARY L BLACKSTOCK
HC 79 BOX 119
MELBA ID 83641

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 57-07544

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

I note that the permit issued to you by the department requires the installation of a measuring device to allow the department to determine the rate of diversion. The proof which you submitted does not show that you have installed this equipment.

The installation of the measuring device must be complete by the time the department representative conducts the examination of your system unless the department has rescinded the requirement prior to the field examination. In some cases, the equipment requirement can be rescinded because the equipment cannot be physically installed, is not appropriate or can be accommodated with other measuring methods.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

FEB 17 1993

December 31, 1992

TED K BLACKSTOCK
MARY L BLACKSTOCK
HC 79 BOX 119
MELBA ID 83641

PROOF DUE NOTICE

RE: PERMIT NO. 57-07544

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before March 1, 1993. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

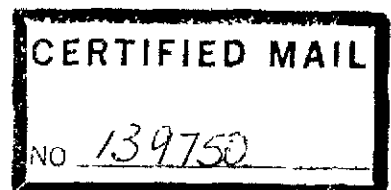
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Karen L. Gustafson
Secretary/Records Manager

Enclosures



DEC 31 1992

May 19, 1992

TED K BLACKSTOCK
MARY L BLACKSTOCK
HC 79 BOX 119
MELBA ID 83641

RE: Water Right No. 57-07544

Dear Water Right Holder(s):

Department water right records show that you divert water from the Snake River or its tributaries under a water right that has a priority date later than December 29, 1976. This is the priority of the established minimum stream flow of the Snake River at the Weiser Gage (Weiser) in the amount of 4,750 cubic feet per second.

Because of the continuing drought conditions in the Snake River Basin, department hydrologists project that during 1992, there could be periods when the required minimum flow will not be satisfied due to low flows of the Snake River. The department urges you to not divert at a higher rate than authorized by your water right and to not use your right in any manner different than authorized. In addition, when the minimum flow will not be satisfied or is not being satisfied, you are required to cease diverting water under your water right, because your right is of later priority than the minimum stream flow at Weiser.

If the department determines the minimum flow will not be satisfied, the department will advise you and will provide as much lead time as possible in requiring that you temporarily cease your diversion of water. The greatest likelihood for this to occur is during a period from mid-June to late June.

While the department expects good cooperation from junior water right holders, water users should be aware that Section 42-352, Idaho Code, provides for penalties of up to \$100 per day for unauthorized diversions of water.

The department has contacted both the Idaho Power Company and the U.S. Bureau of Reclamation with respect to the timing of storage releases from upstream reservoirs for flow enhancement

FEB 17 1992

purposes. This type of coordination could minimize the impact on existing water users and reduce the need to curtail diversions.

The department has scheduled public information meetings relative to this potential regulation as follows:

Mountain Home - June 4, 1992 - 10:00 a.m. - gymnasium at
North Elementary School, 290 E. 12th N.

Caldwell - June 4, 1992 - 7:00 p.m. - Ballroom in the
Student Union Building, Albertson College of Idaho,
2112 Cleveland

If you have questions concerning this letter or wish to provide the name of a different contact person or address to receive department correspondence, please contact the department.

Sincerely,

L. GLEN SAXTON
Chief, Water Allocation Bureau

LGS:klg



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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

March 3, 1992

TED K BLACKSTOCK
MARY L BLACKSTOCK
HC 79 BOX 119
MELBA ID 83641

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 57-07544

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device and lockable controlling works that will enable the watermaster to control the rate of diversion.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Skaggs".

PAMELA SKAGGS
Technical Records Specialist

PS:clh

Enclosures

MAR 06 1992

FROM Brenda Miller
TO File 57-07544
SUBJECT Dam Dimensions

DATE 2-24-92

Per telephone conversation with applicant, Ted Blackstock, the dam has been there many years. It is 5' high and 20' wide. The entire system has been in use for some time.

RECORDED

6 1992



SIGNATURE

February 19, 1992

TED K. BLACKSTOCK
MARY L. BLACKSTOCK
HC 79 Box 119
Melba, ID 83641

RE: Application for Permit No. 57-7544

Dear Applicants:

The above referenced application has reached the State Office for final review and processing. Before the application can be approved I will need additional information concerning your project.

Your application specifies your proposed diverting works includes a dam with ditches utilizing gravity flow. I need to have a more complete description of the diverting works including the dimensions of the dam.

Thank you for your time and assistance with this matter. I will hold the application from further processing pending your reply. Please respond at your earliest convenience in order to prevent undue delay in processing this application.

Sincerely,

BRENDA L. MILLER
Technical Records Specialist

57-07544

NW
1/4

NENE

N 1/2

5
LOT
2

27

LOT
1

P/A
IN 40

MAY 06 1952

P/D SW SW SEC
34
T2N 4W

14

WR4001NP
(00-21)

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHTS MICROFICHE BY PLACE OF USE

DATE: 07/14/91
PAGE: 271

TWP	RNG	SECT	TRACT	LOT	ACRES	WATER-USE-CODE	WATER RIGHT NO.	LAST NAME	Q	STG	PRIORITY	DATE	WATER SOURCE
			1 1/4 1 1/4										
01N	04W	2	SW SW	20.0	01		02-07388	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			SE SW	29.0	01		02-02383	BLACKSTOCK	C	L		12/29/1965	SNAKE RIVER
			NE SE	4.0	01		02-02072	OPALINE IRRIGATION	C	L		10/08/1948	SNAKE RIVER
			NW SE	40.0	01,43		57-02012	GRIFFITH	C	L		01/10/1907	SQUAW CREEK
			SW SE	40.0	01,43		57-02012	GRIFFITH	C	L		01/10/1907	SQUAW CREEK
		3	NE NE	27.0	01		02-02383	BLACKSTOCK	C	L		12/29/1965	SNAKE RIVER
			NE NE	10.0	01		02-07388	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			NW NE	5.0	01		02-02383	BLACKSTOCK	C	L		12/29/1965	SNAKE RIVER
			NW NE	20.0	01		02-07388	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			SW NE	20.0	01		02-07388	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			SE NE	10.0	01		02-07388	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			NE NW	04.43			57-04011	BLACKSTOCK	C	S		05/01/1950	GROUNDWATER
			NE NW	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
			NW NW	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
			SW NW	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
			NE SE	40.0	01		02-07387	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			NW SE	40.0	01		02-07387	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			SW SE	40.0	01		02-07387	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
			SE SE	40.0	01		02-07387	BLACKSTOCK	C	P		06/27/1983	SNAKE RIVER
		4	NW NE				57-02207	WISSEL	C				
			NE NW				57-02207	WISSEL	C				
			SE NW				57-02207	WISSEL	C				
			NE SW	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
			NE SW	28			57-07503	HEGG	C	A		08/17/1989	SQUAW CREEK
			NW SW	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
			NW SW	28			57-07503	HEGG	C	A		08/17/1989	SQUAW CREEK
			SW SW	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
			SW SW	28			57-07503	HEGG	C	A		08/17/1989	SQUAW CREEK
			SE SW	28			57-07503	HEGG	C	A		08/17/1989	SQUAW CREEK
			NW SE	01.43,04			57-00282	BLACKSTOCK	C	D		06/01/1892	SQUAW CREEK
		5	NE NW	05			57-02485	U.S. DEPT. OF INTE	C	L		06/06/1966	UNNAMED STREAM
		7	SE NW	55,05,17,18,06			57-07304	U.S. DEPT. OF INTE	C	P		12/07/1981	GROUNDWATER
			NE SE	04			57-02348	U.S. DEPT. OF INTE	C	L		06/26/1941	SPRING
		12	NE NE	4.0	01		02-02072	OPALINE IRRIGATION	C	L		10/08/1948	SNAKE RIVER

02-7388 amended to
not include these acres.

06/18/92

APPLICATION FOR PERMIT REVIEW

Application #: 57-1544 Reviewer: Brenda Miller
Date: 2-25-92

✓ EXISTING:

- No - 26A-P17
- Complete in 1 year - P16
- ✓ Yes
 - ✓ Proof not submitted - P16
 - Proof submitted - N/A

GROUNDWATER:

- GT. 0.2 cfs <flow ch> - 01G-P03, 01C-P03(existing well)
- LT. 0.2 cfs - No measurement required <flow chart>

Drilling Permit:

- Approved w/permit - P99
- Not included - 046-P23(All GW, even existing wells)

✓ LOCATION:

- ✓ Water Districts - WD No. 57E
- ✓ Surface water - 005, 005-01H-P01(LT.2 w/pump) <flow chart>
005-01J-P08(GT.2) <flow chart>
- Groundwater - P05
- Irrigation Districts - 023
- Canal Co. Areas - 023
- Drainage Districts - 024
- ✓ Boise Front (63) - 058 (Groundwater) ✓
- ✓ Swan Falls Flag - B (1, Blank or Other) *BELOW JAN*
- Trust - 051-052-053-P74(Consumptive Uses)
- Non Trust <1> - 048-049

RIVER BASINS:

- (Surface Water) Water District Control Condition &....
- Boise (63) - 05A & 11E
- Payette (65) - 047-P04, 059-P71
- Snake (01, 02 & 03) - 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

USE:

- Fish Propagation - 06A, 09E-P10 & 010 (WQ/Choose One),
042(req.), 002-P06(MD), 07A(Spec.),
044(Policy 5G)
- Power - Use Power Review
- Mining - 06A, 010, or 09E-P10 & 054(req.)
- Storage - 18A-for multiple measuring devices(In WD),
18B-P09(Size)
- Rec/Wildlf/Aes - 027(Non-Consumptive)
- Domestic - 021(restricted areas)

OWNERSHIP:

- Non land owner - 004

PROTESTED:

- Agreement - 020

- ✓ Beneficial Use Due Date: - 03-01-1993
- Other Conditions Recommended

553 06 1892



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705 - (208) 334-2190

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

December 20, 1991

Jim Roeser
Star Route
Marsing, ID 83638

Re: Applications for Water Right nos. 57-7541, 57-7542 and 57
7544 in the of Ted K. &/or Mary L. Blackstock

Dear Watermaster:

Enclosed is an application(s) for permit of a water right(s)
within your water district. Also enclosed is a form for your
recommendation concerning this application for permit.

Please review the application and return your recommendation
within two weeks. If you have questions or need information,
feel free to contact this office.

Sincerely,

A handwritten signature in cursive script that reads "David R. Tuthill, Jr.".

DAVID R. TUTHILL, JR., P.E.
Manager, Western Regional Office

DRT:st

Enclosure: Copy of Application
Recommendation of Watermaster Form

DEC 26 1992

THE OWYHEE AVAL

P.O. BOX 97 • HOMEDALE, ID 83628 • 20

AFFIDAVIT OF PUBLICA

STATE OF IDAHO)
COUNTY OF OWYHEE)

I, Joe E. Aman, being first duly sworn, depose and say:

1. That I am a citizen of the United States of America, mentioned was and now over the age of twenty-one years, in the proceedings hereinafter mentioned.

2. That during the time of the publication of the notice her now am the publisher of **The Owyhee Avalanche**, a new printed and published weekly, on Wednesday of each a Homedale, County of Owyhee and State of Idaho.

3. That the said **The Owyhee Avalanche** has been printed and uninterruptedly in said County during a period of n prior to the first publication of the attached notice.

4. That said notice of which a printed copy, taken from sa was published in the regular issue thereof, and not a

newspaper, in

(consecutive) calendar weekly issue(s) of said newspaper

Signed

Subscribed and sworn to before me this 27th day of

Notary Pt

57-07544
BLACKSTOCK, TED K
BLACKSTOCK, MARY L
HC 79 BOX 119
MELBA, ID 83641
Source: SQUAW CREEK
Tributary: SNAKE RIVER
Diversion Pt: SWSWSE Sec
34 T 02N R 04W in OWYHEE
County.

Use: IRRIGATION (.640 CFS)
Total Diversion: (.640 CFS)
Date Filed: 10/15/1991
T01N R04W S03 Lot 1 (NENE)
Lot 2 (NWNE)
32.0 ACRES TOTAL

57-07546
CHANDLER, JACKIE
CHANDLER, DANIELLE
1104 N PLATEAU
CALDWELL, ID 83605
Source: GROUNDWATER
Diversion Pt: SENE Sec 29 T
01S R 02W in OWYHEE
County.

Use: IRRIGATION (.200 CFS)
DOMESTIC (.040 CFS)
Total Diversion: (.240 CFS)
Date Filed: 10/11/1991
T01S R02W S29 SENE
10.0 ACRES TOTAL

57-07548
JOHNSON, GLENDA
JOHNSON, JAMES B.
RT 1 BOX 1060
HOMEDALE, ID 83628
Source: GROUNDWATER
Diversion Pt: NWNE Sec 15 T
03N R 05W in OWYHEE
County.

Use: IRRIGATION (.020 CFS)
STOCKWATER (.020 CFS)
DOMESTIC (.100 CFS)
Total Diversion: (.140 CFS)
Date Filed: 10/30/1991
T03N R05W S15 NWNE
0.5 ACRES TOTAL

57-07550
CASCADE WATER CORP
C/O SHERRY PARRILL
RT 1 BOX 1089
HOMEDALE, ID 83628
Source: GROUNDWATER
Diversion Pt: NENWNE Sec
16 T 03N R 05W in OWYHEE
County.

Use: DOMESTIC (.100 CFS)
Total Diversion: (.100 CFS)
Date Filed: 11/5/1991
T03N R05W S16 NWNE

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before DECEMBER 9, 1991.

R. KEITH HIGGINSON,
Director

Publish November 20 & 27, 1991

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

55-07429
NERCO DELAMAR CO
PO BOX 52
JORDAN VALLEY, OR 97910
Source: MINE ADIT
Tributary: JORDAN CREEK
Diversion Pt: LOT 1
(SENE) Sec 5 T 05S R 04W
in OWYHEE County.

Use: MINING (.220 CFS)
MINING STORAGE (161.30 AF)

MINING FROM STORAGE
(161.30 AF)

DIVERSION TO STORAGE
(.220 CFS)

Total Diversion: (.222 CFS)
(161.31 AF)

Date Filed: 11/13/1991

T05S R04W S05 Lot 9

(SWSW) Lot 10 (SESW)

S06 Lot 13 (SESE)

S07 Lot 1 (NENE)

In: OWYHEE County

S08 Lot 5 (SWNE) Lot 6

(SENE) Lot 3 (NENW) Lot 4

(NWNW) SWNW SENW

57-07541
BLACKSTOCK, MARY L
BLACKSTOCK, TED K

HC 79 BOX 119

MELBA, ID 83641

Source: SQUAW CREEK

Tributary: SNAKE RIVER

Diversion Pt: SWSWSE Sec

34 T 02N R 04W in OWYHEE

County

Use: DIVERSION TO

STORAGE (3.000 CFS)

IRRIGATION STORAGE

(17.20 AF)

IRRIGATION FROM

STORAGE (17.20 AF)

IRRIGATION (1.120 CFS)

Total Diversion: (3.000 CFS)

Date Filed: 10/7/1991

T01N R04W S02 NWSW

SWSW SESW

56.0 ACRES TOTAL

57-07542

BLACKSTOCK, TED K

BLACKSTOCK, MARY L

HC 79 BOX 119

MELBA, ID 83641

Source: SQUAW CREEK

Tributary: SNAKE RIVER

Diversion Pt: SWSW Sec 4 T

01N R 04W in OWYHEE

County.

Use: IRRIGATION (.760 CFS)

Total Diversion: (.760 CFS)

Date Filed: 10/7/1991

T01N R04W S03 Lot 3

(NENW) Lot 4 (NWNW) SWNW

S04 NENE SWNE SENE

SESW

NESW NWSE

T02N R04W S34 SWSW

57-07544

BLACKSTOCK, TED K
BLACKSTOCK, MARY L
HC 79 BOX 119
MELBA, ID 83641

Source: SQUAW CREEK

Tributary: SNAKE RIVER

Diversion Pt: SWSWSE Sec 34 T 02N R 04W in OWYHEE County.

Use: IRRIGATION (.640 CFS)
Total Diversion: (.640 CFS)

Date Filed: 10/15/1991

T01N R04W S03 Lot 1(NENE) Lot 2(NWNE)

32.0 ACRES TOTAL