

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: A47-02438
Date Received: 2/28/1989
Receipt No: S006396
Received By: [Signature]

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: RANDY BROWN 208-432-5510
Address: RT 1
MURTAUGH, ID 83344

2. Date of Priority: OCT 18, 1903

3. Source: ROCK CREEK Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
12S	18E	1	NW	NE			TWIN FALLS

5. Description of diverting works:
HEADGATE, POND

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	3.200		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
11S	19E	30	SW	NE		IRR	40.0
			SE	SW		IRR	40.0
			NW	SE		IRR	40.0
			SW	SE		IRR	40.0

Section Acres 160.0

A47-02438

Page 1

Date: 02/28/89

MICROFILMED
MAR 11 1993

10. Place of Use: Continued

Total Acres 160.0

11. Place of use in counties: TWIN FALLS

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

13. Other Water Rights Used:
A47-00147B, A47-02497

14. Remarks:
LICENSE INCORRECTLY HAS P/D IN T19E.

15. Basis of Claim: LICENSE
Water Right Number: 205

(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.

For Individuals:

Signature of Claimant(s): Kandy Brown Date: 2-28-89
Date:

State of Idaho)
County of ) SS.

Subscribed and sworn (or affirmed) before me this 28 day
of Feb 19 89 Can.

Seal

Residing at FF
My Commission Expires 3/94

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MAR 11 1939

6/9/94

COMMUNICATION DOCUMENTATION

Claim No. SEE BELOW

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

IDWR Employee/Agent Steve Clelland

December 9, 1996 4:39pm

NAME:

ALICE @ FARM CREDIT

CALLIN

RE:

QUERY ON PARCEL

SHE ASKED FOR PROFILE REPORTS ON THE FOLLOWING: T11S, R19E, S30, W1/2SE & E1/2SW. SHE GAVE ME THE NUMBER 45-02198... THIS RIGHT APPEARS TO HAVE BEEN RENUMBERED TO 45-02497. FOUND THESE RIGHTS IN THE AJ QUERY ... A47-02438, A47-02497 & A47-14807.

LEFT THE PRINTS AT THE FRONT DESK FOR PICK-UP.

A47-02438

CONVERSATION MEMORANDUM

NAME OF PARTY TOM WILLIAMS
EMPLOYEE COREY SKINNER

DATE JAN. 11, 1995
FILE SEE BELOW

RE: _____

TODAY TOM WILLIAMS STOPPED IN
INQUIRING ABOUT SOME OF HIS WATER RIGHTS
IN TILIS, RIBE (ALONG CONFLUENCE OF
COTTONWOOD, MCMULLEN AND ROCK CREEK)

THE FOLLOWING RIGHTS/ CLAIMS WERE
DISCUSSED WITH MR. WILLIAMS. ^{THE FOLLOWING} PROOF REPORTS
WERE ALSO GIVEN ~~TO~~ TO MR. WILLIAMS.

WATER RIGHTS

ADJUDICATION

47-02401

A47-02401

47-02295

A47-02295

47-02464

A47-02464

47-02274

A47-02274

47-02467

A47-02467

NOV 28 1996

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: A47-02464

Date Received: 11/03/1988

Receipt No: 5005025

Received By: ADM

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: W. T. WILLIAMS, INC. 208-655-4226
Address: RT. 1
TWIN FALLS, ID 83301

2. Date of Priority: DEC 30, 1954

3. Source: ROCK CREEK Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
11S	17E	24	SW	SE	NW	R	TWIN FALLS
			SW	NE	SE	R	TWIN FALLS
			SW	NW	SE	R	TWIN FALLS
	18E	20	SW	SW	NW		TWIN FALLS

5. Description of diverting works:
1 250 H.P. & 2 150 H.P. PUMPS IN CREEK TO CANAL & RELIFT PUMPS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	8.000		

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

8. Total consumptive use is 1518.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres	
11S	17E	13	SW	SW		IRR	6.0	
			SE	SW		IRR	6.0	
							Section Acres	12.0
		24	NE	NW		IRR	31.0	
			NW	NW		IRR	23.0	
			SW	NW		IRR	39.0	
			SE	NW		IRR	38.0	
			NE	SW		IRR	25.0	
			NW	SW		IRR	33.0	
			SW	SW		IRR	6.0	
			SE	SW		IRR	15.0	
			NE	SE		IRR	6.0	
NW	SE			IRR	10.0			
SW	SE			IRR	33.0			
SE	SE			IRR	22.0			
					Section Acres	281.0		
25	NE	NE		IRR	35.0			
	NW	NE		IRR	24.0			
	SW	NE		IRR	10.0			
	SE	NE		IRR	39.0			
	NE	SE		IRR	30.0			
	SE	SE		IRR	7.0			
					Section Acres	145.0		
18E	30	NW	NW	1	IRR	8.0		
		SW	NW	2	IRR	18.0		
		SE	NW		IRR	1.0		
		NE	SW		IRR	11.0		
		NW	SW	3	IRR	15.0		
		SW	SW	4	IRR	15.0		
					Section Acres	68.0		
					Total Acres	506.0		

11. Place of use in counties: TWIN FALLS

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

13. Other Water Rights Used:
CLAIMS FROM MC MULLIN CREEK.

14. Remarks:

A47-02295 COVERS ADDITIONAL ACRES FROM SAME SYSTEM.

15. Basis of Claim: LICENSE

Water Right Number: 25408

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ☐ do not ☐ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am President of
Title
W.T. Williams Inc. that I have signed the foregoing
Organization
document in the space below as President of
Title
W.T. Williams Inc. and that the statements contained in the
Organization
foregoing document are true and correct. Thomas Williams
Signature of Authorized Agent
W.T. Williams Inc.
Title and Organization
12/22/88
Date

State of Idaho)

County of Twin Falls)

SS.

Subscribed and sworn (or affirmed) before me this 22nd day

of Dec. 19 88

John D. Menott
Notary Public

Seal

Residing at Kimberly, Id.
My Commission Expires 6/30/94

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MAR 11 1993

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: A47-02464
Date Received: 12/22/1988
Receipt No: S005025
Received By: _____

address change *SC*

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: W T WILLIAMS, INC 208-655-4226
Address: C/O TOM WILLIAMS
2600 N 2941 E
TWIN FALLS ID 83301

2. Date of Priority: DEC 30, 1954

3. Source: ROCK CREEK Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
11S	17E	24	SW	SE	NW	R	TWIN FALLS
			SW	NE	SE	R	TWIN FALLS
			SW	NW	SE	R	TWIN FALLS
	18E	20	SW	SW	NW		TWIN FALLS

5. Description of diverting works:
1 250 H.P. & 2 150 H.P. PUMPS IN CREEK TO CANAL & RELIFT PUMPS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	8.000		

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

8. Total consumptive use is 1518.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

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OCT 27 1994

CHANGE IN ADDRESS OF NOTICE OF CLAIM

[] Water Right Number (s): See attached list - Reg'n 47

[] Old Mailing Address: W.T. Williams, Inc.

c/o Tom Williams

Rt. 1, Twin Falls, ID 83301

[] New Mailing Address: W.T. Williams, Inc.

c/o Tom Williams

2600 N. 2941 E., Twin Falls, ID 83301

New Telephone Number: () 655-4226 *No Change

[X] Signature of Claimant: W.T. Williams, Inc.

Date: 4/8/93

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: 4-1-93

By: su

Further Action Needed: Needs Signature by Claimant

Further Action Taken

Date:

By:

Final Review and Data-Entry

Date: 8-12-93

By: [Signature]

MICROFILMED

OCT 27 1994

SD-0601-2 Last Name: W. T. WILLIAMS, INC.

STATE

S E L	First Name	O W N	Water Right No.	Priority Date	Source	Total Diversion	Use Code Desc
	W. T. WILLIAMS, INC.						
		C	A47-02195	03/01/1933	MC MULLEN C	8.360	01 IRR
		C	A47-02295	12/09/1957	ROCK CREEK	6.000	01 IRR
		C	A47-02446	04/01/1946	MC MULLEN C	20.000	02 IRR S
							03 IRR FS
							55 DIV S
							06 STO FS
		C	A47-02464	12/30/1954	ROCK CREEK	8.000	01 IRR
		C	A47-04471	10/01/1955	GROUNDWATER	0.430	04 STOCK
							43 DOMEST
		C	A47-04475	04/15/1880	SPRINGS	0.500	01 IRR
							04 STOCK
							43 DOMEST
		C	A47-04476	04/01/1942	MC MULLEN C	2.000	01 IRR
							04 STOCK
		C	A47-13216	12/31/1976	GROUNDWATER	0.040	43 DOMEST

(Enter=Continue)

(GOLD7=This Query)

(Menu _____)

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OCT 27 1994

Log for claim A47-02438

Spatial Dynamics LTD

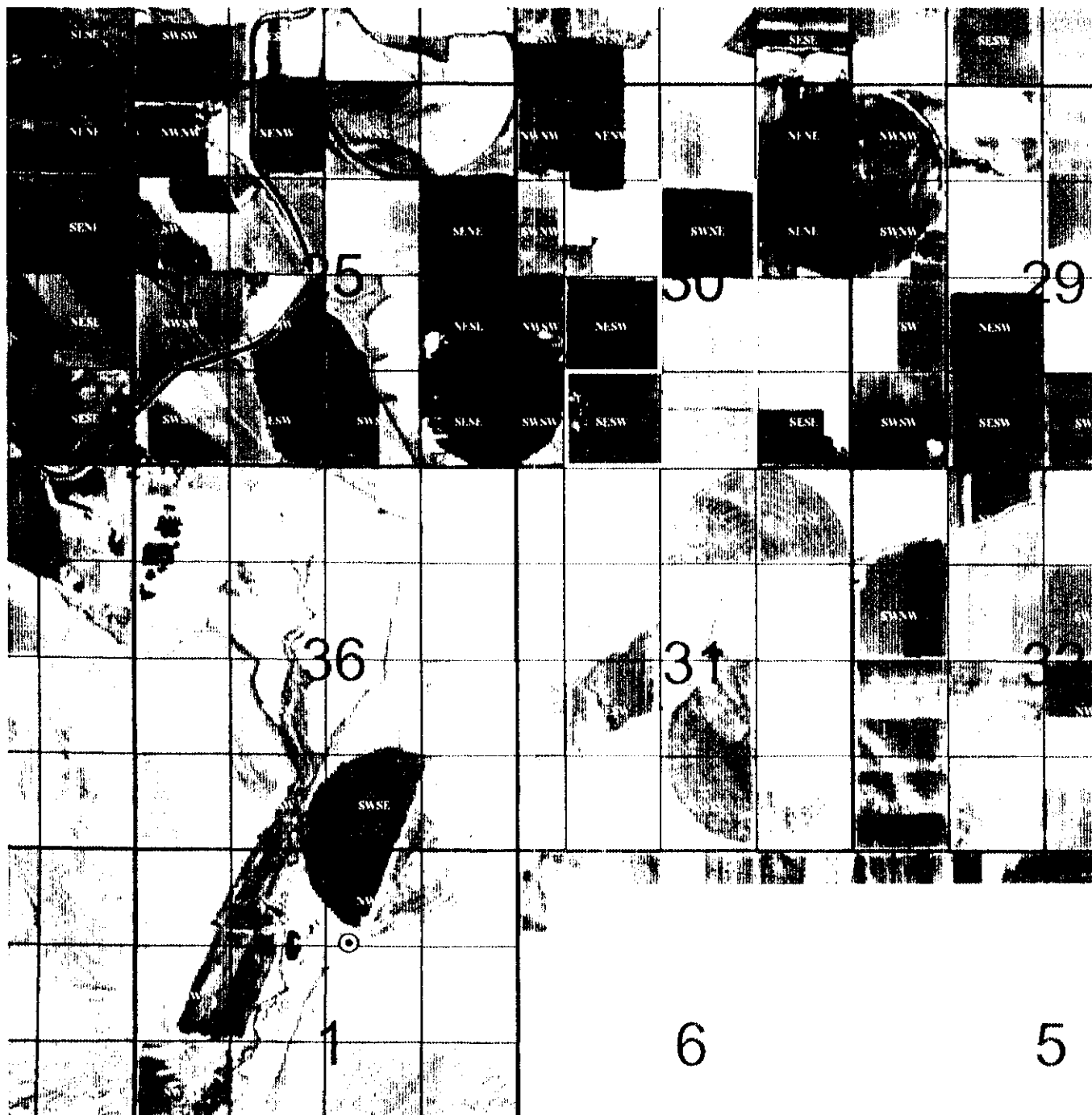
10/4/00

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
11s19e	30	SWNE	40	40	
11s19e	30	SESW	40	38	
11s19e	30	NWSE	40	40	
11s19e	30	SWSE	40	39	
Totals:			160	157	

Water Right Claim Number A47-02438

Township , 11S19E

10/04/2000



Legend

Irrigated Area



Place of Diversion

Section Line

Quarter Section Line

Roads

Streams and Canals

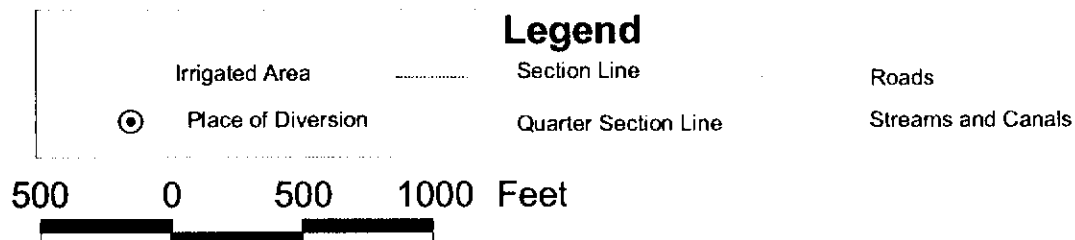
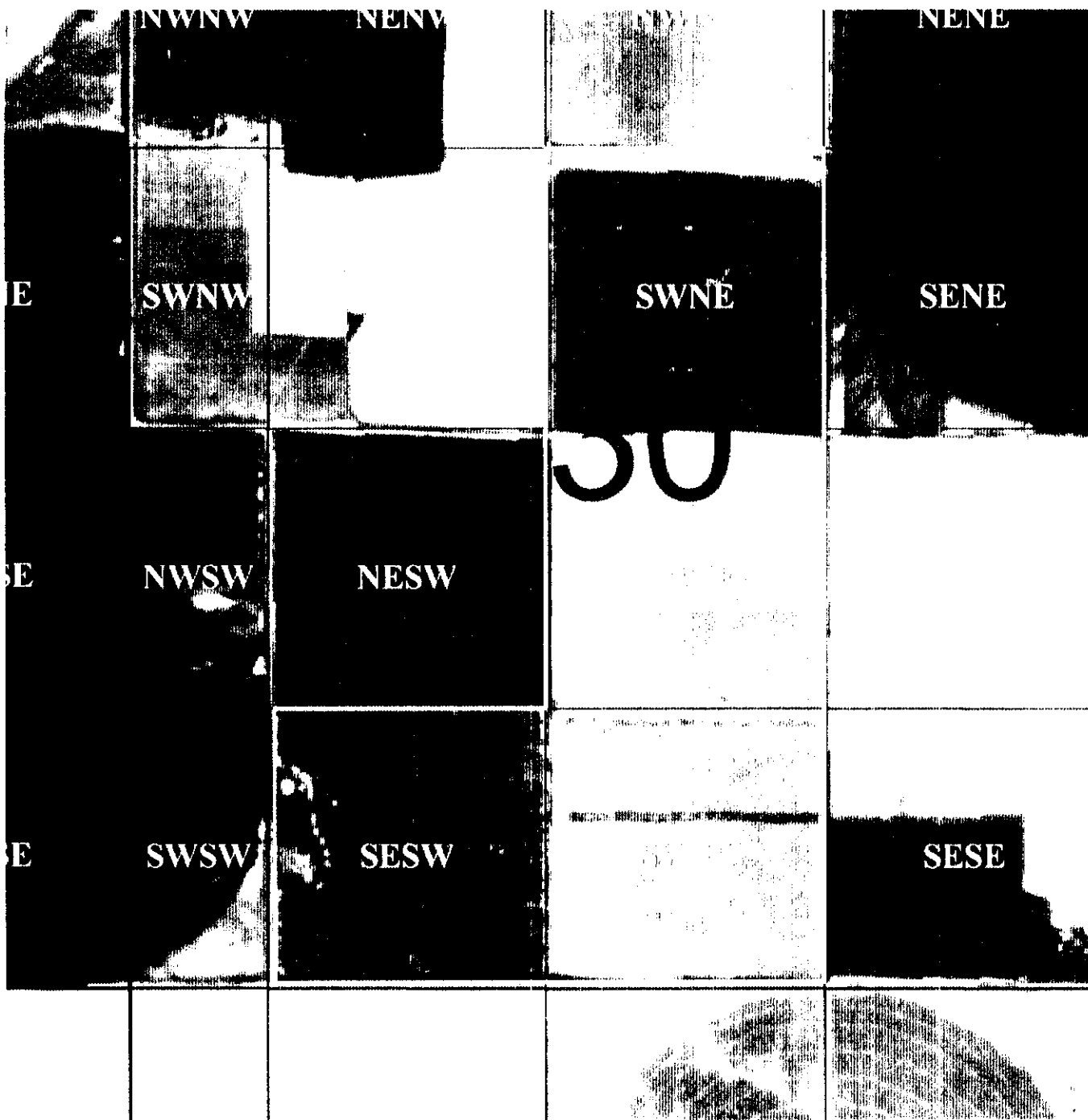


2000 0 2000 4000 Feet



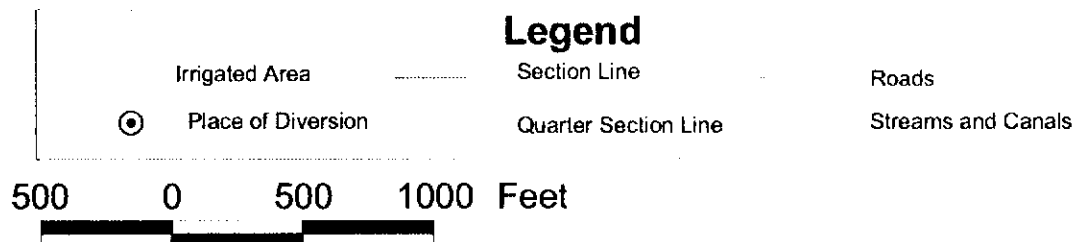
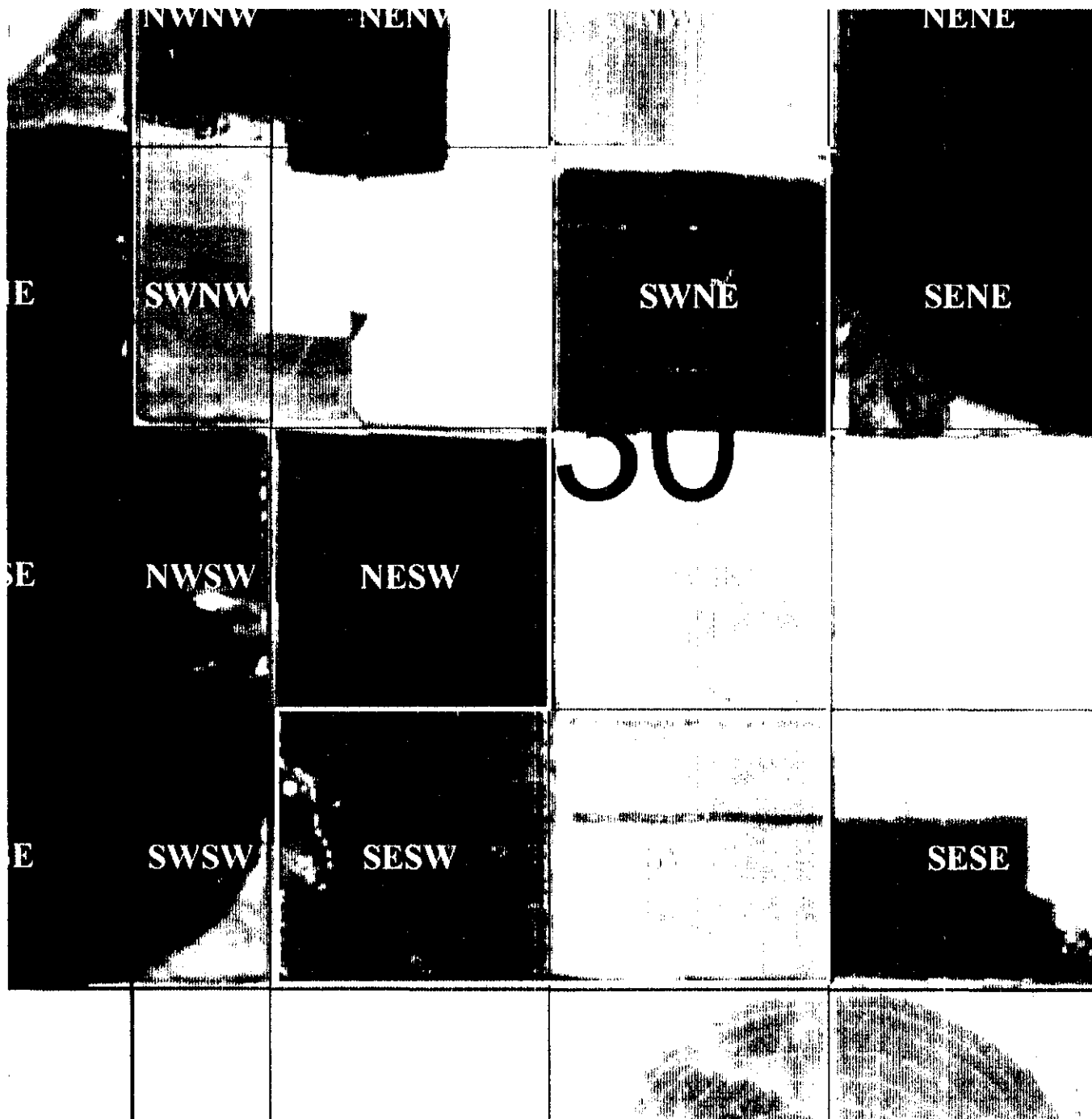
Water Right Claim Number A47-02438
Township , 11S19E

10/04/2000

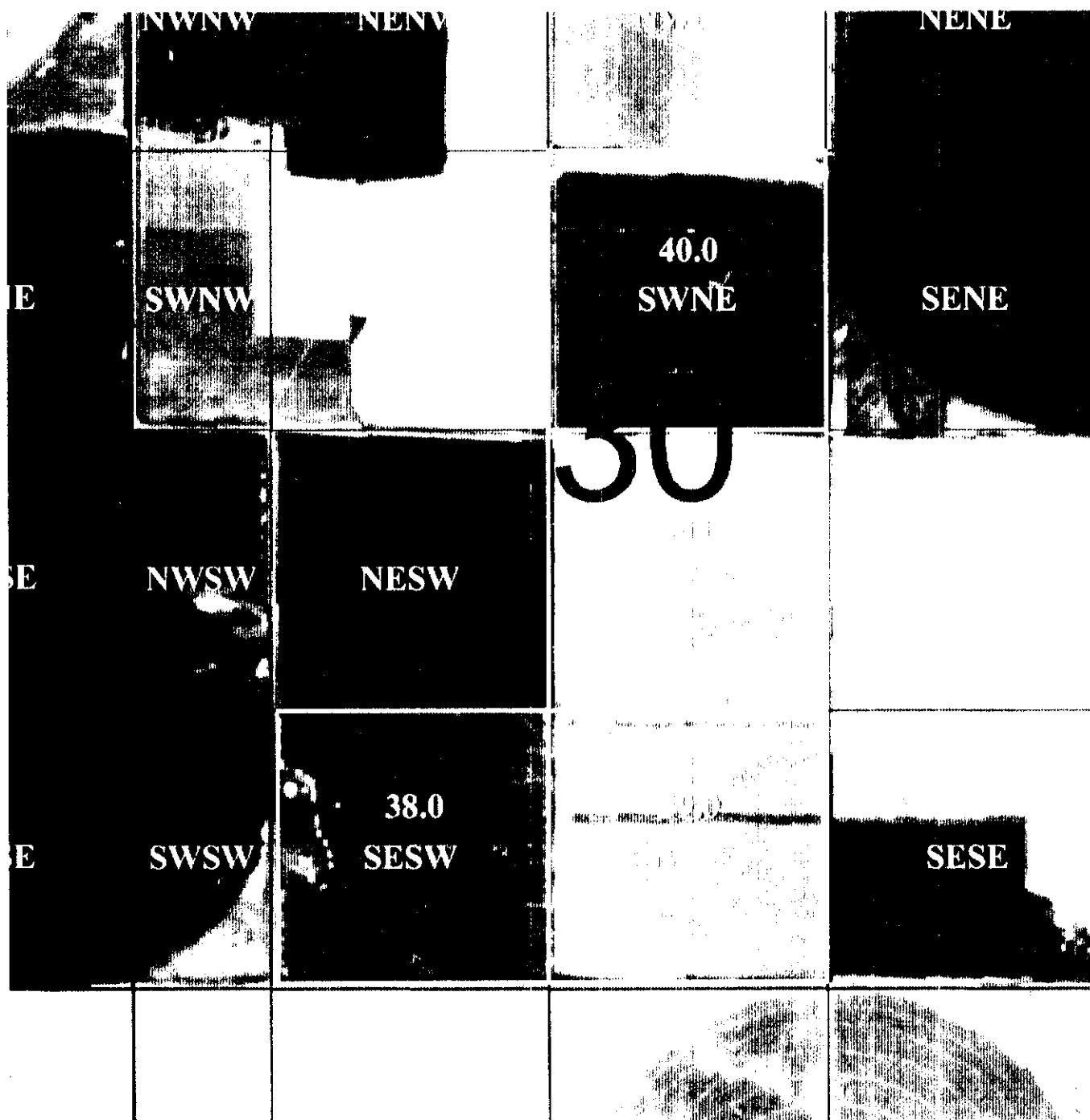


Water Right Claim Number A47-02438
Township , 11S19E

10/04/2000



10/04/2000



Irrigated Area

Section Line

Roads

Place of Diversion

Quarter Section Line

Streams and Canals



500 0 500 1000 Feet



AJ5809NP
No. A47-02438

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM PROFILE REPORT

DATE: 10/03/00
PAGE: 205

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	RANDY BROWN RT 1 MURTAUGH ID 83344 (208) 432-5510	10/18/1903	IRRIGATION	03-15 11-15	3.200 CFS	
TOTAL DIVERSION:					3.200 CFS	

Water Source: ROCK CREEK

Tributary to: SNAKE RIVER

Stage: LICENSE

Point(s) of Diversion: T12S R18E S01 NWNE

TWIN FALLS County

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE					
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM
11S	19E	30	:				40								40			40	40	:	160.0
TOTAL ACRES																			:	160.0	

POU County: TWIN FALLS

Other Rights: A47-00147B, A47-02497

Other Water Rights Listing Overlapping Place(s) of Use:
A47-00147B A47-02497

Remarks: GEN LICENSE INCORRECTLY HAS P/D IN T19E.

Dates: Exam Made Date:

Verified Date:

Objection Filed Date:

Misc: Water District Number: 470

Field Inspection Flag:
Presumption Flag:

Audit: 02/28/89 WHITE 03/30/95 POST-STD 02/17/00 RBROWN

Twin Falls County
Rock Creek
3.2 second feet
Irrigation and domestic use
Priority 10-3841903

STATE OF IDAHO

Water License No. 205

WHEREAS, On the 9th day of September A.D. 1903 CHAS. HERBERT RORABACK, of Rock Creek, County of Twin Falls, State of Idaho, duly made application (No. 378) to me for a permit to use 3.2 cubic feet per second of the waters of Rock Creek, County of Twin Falls, State of Idaho, for irrigation and domestic purposes;

WHEREAS, On the 11th day of September A.D. 1903, Permit No. 205 was issued to said applicant for the diversion of said water, and providing for the completion of the works of diversion therein described on or before the 11th day of September A.D. 1906, and for the application to beneficial use of said water on or before the 11th day of September A.D. 1909, and

WHEREAS, On the 10th day of September A.D. 1906, CHAS. HERBERT RORABACK, the holder of said permit duly made proof of the completion of adequate works for the diversion of 3.2 cubic feet per second of said waters, as evidenced by my Certificate No. 205, dated September 20, 1906, confirming the completion of works of sufficient capacity for diverting and conveying to the place of intended use 3.2 cubic feet per second of said water, with date of priority of September 9, 1903, and

WHEREAS, On the 20th day of October A.D. 1903, CHAS. HERBERT RORABACK, the holder of said permit duly made proof of the application to beneficial use of 3.2 cubic feet per second of said water:

NOW, THEREFORE, By virtue of the authority vested in me by the laws of the State of Idaho, I hereby grant and confirm to CHAS. HERBERT RORABACK, of Rock Creek, County of Twin Falls, State of Idaho, the holder and owner of said Permit No. 205, a perpetual right, dating from October 18, 1903, to the use of 3.2 cubic feet per second of the waters of Rock Creek, in the County of Twin Falls, and State of Idaho, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point in the northwest quarter of the northeast quarter (NW4 NE4) Section 1, Township 18 South, Range 19 East of Boise Meridian, and conducted to and upon 160 acres as follows - 10 acres in southeast quarter of southwest quarter (SE4 SW4) 20 acres in Southwest quarter of northeast quarter (SW4 NE4) 20 acres in southwest quarter of southeast quarter (SW4 SE4) and 10 acres in northwest quarter of southeast quarter (NW4 SE4) Section 20, Township 11 South, Range 19 East of Boise Meridian. (The balance of the land is cleared, plowed and ready for seeding.) Subject, however, to the laws of the State of Idaho applicable to a license for the use of the waters of the State and subject, also, to the local or community, customs, rules and regulations which have been or may be adopted from time to time by a majority of the users from a common source of supply, canal or lateral from which such water may be taken, when such rules and regulations have for their object the economical use of such water.

WITNESS, My hand and the seal of my office at Boise, Idaho, this seventeenth day of November A.D. Nineteen hundred and nine.

(SEAL)

(RECORDED November 17, 1909)

Wm. Stephenson, Jr.

Engineer

1. Name of applicant

Chas. Herbert Roseberry

Postoffice address: P. O.

Rock Creek

County

Cass

If applicant is a corporation give

(a) Date and place of incorporation

(b) The amount of capital stock

(c) The amount paid in

(d) The names and addresses of directors

II. The financial resources of the applicant are:

(a) Cash on hand

(b) Treasury stock

(c) Bonds to be issued

(d) Other resources

2. The quantity of water claimed is

3.2

cubic feet per second

3. Source of water supply

Rock Creek

4. Location of point of diversion

NW 1/4 NW 1/4 Sec. 1, T. 18 S. R. 18 E. Rm.

(a) Number of acres to be irrigated

60

acres

(b) In the following legal subdivisions SW 1/4 NW 1/4, NW 1/4 S 1/4, S 1/4 NW 1/4 Sec. 30, T. 18 S.

R. 19 E. Rm.

II. Mining, power, manufacturing or transportation purposes

(a) To be used for

(b) Amount of power to be generated

horse power

(c) At what point

(d) If water is to be returned to stream, ("yes" or "no")

(e) If "yes" at what point

5. Estimated cost of works

\$500.00

7. Description of works for diversion:

I. Kind of works (reservoir, dam, ditch, flume, pipes or otherwise) Dam, Headgate and Ditch

II. Dimensions of works:

(a) Height of dam 5 ft. length of dam at top 100 ft.

length of dam at bottom 100 ft. material used in construction

(wood, earth, stone or concrete) Heavy 2x5 board

(b) Capacity of reservoir

acre feet

(c) Size of headgate, width

10

feet, height

3

feet

(d) Ditch (flume or pipe) width at bottom

3

feet, width at water

line

3

feet, depth of water

3

feet. Average

grade per mile is about 1/2 ft. Length of ditch is about 3 1/4

miles, and it crosses the following quarter sections S. 1/4 Sec. 31, T. 18 S. R. 18 E. Sec.

31, NW 1/4 Sec. 31

to NW 1/4 Sec. 31, S. 1/4 NW 1/4, NW 1/4 S 1/4, S 1/4 NW 1/4 Sec. 30, T. 18 S. R. 19 E. Rm. 1 which is the point of intended use.

207

8. Time required for the completion of the construction of such work is four years. (The time must in no case exceed five years after date of approval of application.)
9. Time required for the complete application of the water to the proposed use is three years. (The time must in no case exceed four years after the date set for the completion of works as defined in Section 8.)

Remarks:

APPROVAL OF STATE ENGINEER

The number of this permit is 202.
 Date of first receipt of application S. A. M., Aug. 17, 1903.
 Returned to applicant for correction Aug. 17, 1903.
 Corrected application received Sept. 10, 1903.
 Recorded in Book 1, Page 204.
 Approved Sept. 11, 1903.

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho and hereby grant the same, subject to the following limitations and conditions:

One-fifth of the work above specified to be completed on or before March 11, 1904.

The whole of said work to be completed on or before Sept. 11, 1904.

The time for the proof of beneficial use of water appropriated in accordance herewith, to extend to March 11, 1905.

Witness my hand this Eleventh day of September, 1903.

Wayne Harrington
 State Engineer.

June 1903, Notice of Proof of Construction of Works awarded applicant June 2, 1904, H

APPROVAL OF STATE ENGINEER.

The number of this permit is 205.
 Date of first receipt of application - 3 days Sept. 9, 1903.
 Returned to applicant for correction 100.
 Corrected application received 100.
 Recorded in Book 1, Page 205.
 Approved Sept. 11th, 1903.

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Idaho and hereby grant the same, subject to the following limitations and conditions:

One-fifth of the work above specified to be completed on or before March 11th, 1905.

The whole of said work to be completed on or before Sept. 11th, 1906.

The time for the proof of beneficial use of water appropriated in accordance herewith, to extend to Sept. 11th, 1909.

Witness my hand this Eleventh day of September, 1903.

W. A. D. L. L. L.
 State Engineer.

Form 103. Notice of Proof of Completion of Works mailed Applicant June 1, 1906 same returned July 10, 1906 fixing Rosh Creek as the place under Sept 11, 1906 as the date of Proof. Notice of Publication sent to Twin Falls Times Twin Falls August 2, 1906. C. H. Mull of Twin Falls requested to examine the work and was satisfied June 3, 1906. Also same date Publication blanks for Publication received Sept 14, 1906 and all papers of Holder and Witnesses with fee of \$22 received same day. Report of Engineer received Sept 17, 1906 all papers being in Certificate was duly issued Sept 20, 1906.

or Permit to Appropriate

206

8. Time required for the completion of the construction of such work is _____ years. (The time must in no case exceed five years after date of approval of application.)
9. Time required for the complete application of the water to the proposed use is _____ years. (The time must in no case exceed four years after the date set for the completion of works as defined in Section 8.)

Remarks:

Permit No 205

Certificate of Completion of Works

To All Whom It May Concern:

This is to certify that Chas. Herbert Norrback of Nock Creek, County of Cassia, and State of Idaho, the holder of Permit No 205, issued upon Application No 378, bearing date of priority of September 9, 1903, authorizing the diversion of three and two-tenths-second feet of the waters of Nock Creek County of Cassia, State of Idaho, at NW 1/4 of NE 1/4 of Section One (1), Township Twelve (12) South, Range Eighteen (18) East of Boise Meridian for irrigation and domestic purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works of diversion set out and described in said Permit, that said works are adequate for diverting and conveying to the place of intended use three and two-tenths-second feet of water; and that the lands proposed to be irrigated by the use of said water are described as follows, to wit, Southwest Quarter (SW 1/4) of Northeast Quarter (NE 1/4); West Half (W 1/2) of Southeast Quarter (SE 1/4), and Southeast Quarter (SE 1/4) of Southwest Quarter (SW 1/4) of Section Thirty (30), Township Eleven (11) South, Range Nineteen (19) East of Boise Meridian.

Witness my hand this twentieth day of September A.D. 1906

Jas. Stephenson Jr
State Engineer of the State of Idaho

License issued for 3 1/2 second feet

University of Illinois at Chicago

... ..

[Faint handwritten notes at bottom of page]

Meeting Minutes - Oct

----- \$25,000 -----

1410

16. *Author, et al.*

[illegible]

$\lim_{n \rightarrow \infty} \frac{1}{n} \sum_{k=0}^{n-1} f(T^k x) = \int_X f d\mu$

$$T_{\text{max}} = 1000 \text{ K} \quad T_{\text{min}} = 300 \text{ K} \quad \Delta T = 700 \text{ K} \quad T_{\text{avg}} = 650 \text{ K}$$

1. *How many people are there in your family?*

On the way, she is told that her father is

2. Source of water supply ----- With Smoky Co. Plume Co Id

10. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

Glacier House

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

Dear Sir,

[illegible]

... - Eine freigelegte Koffende

length of dam at bottom	20	feet	10	10
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(singed earth stove or cigarette) "Wind south and stove."

^a $\chi^2_{(1)} = 1.04$, $p = 0.31$.

(c) Size of headgate - width	3	feet height	2 1/2	feet
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(d) Ditch (flume or pipe) width at bottom ————— 3 ————— feet width at top ————— 4 ————— feet width at outlet ————— 4 ————— feet width at inlet ————— 4 ————— feet

line ———— > ————— feet depth of water ——— ? ————— feet depth

grade per mile is 1.5 feet. Length of ditch is 2000 ft.

miles, and it crosses the following quarter sections: 3433, 3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3463, 3464, 3465, 3466, 3467, 3468, 3469, 3470, 3471, 3472, 3473, 3474, 3475, 3476, 3477, 3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495, 3496, 3497, 3498, 3499, 3500, 3501, 3502, 3503, 3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512, 3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905, 3906, 3907, 3908, 3909, 3910, 3911, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3919, 3920, 3921, 3922, 3923, 3924, 3925, 3926, 3927, 3928, 3929, 3930, 3931, 3932, 3933, 3934, 3935, 3936, 3937, 3938, 3939, 3940, 3941, 3942, 3943, 3944, 3945, 3946, 3947, 3948, 3949, 3950, 3951, 3952, 3953, 3954, 3955, 3956, 3957, 3958, 3959, 3960, 3961, 3962, 3963, 3964, 3965, 3966, 3967, 3968, 3969, 3970, 3971, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980, 3981, 3982, 3983, 3984, 3985, 3986, 3987, 3988, 3989, 3990, 3991, 3992, 3993, 3994, 3995, 3996, 3997, 3998, 3999, 4000.

which are the places shown on map _____