

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: A43-07080
Date Received: 3/22/1989
Receipt No: S006631
Received By: _____

COPY FOR
YOUR FILES

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

COPY FOR
YOUR FILES

1. Name: NOEL B BOWCUT
Address: KEY RANCH
19 GRANADA PL
BURLEY ID

208-678-0080

83318

2. Date of Priority: JUL 22, 1977

3. Source: GROUNDWATER

Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
13S	25E	11	SW	SE			CASSIA

5. Description of diverting works:
WELL, PUMP & SPRINKLER.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.640		311.00

7. Total Quantity Appropriated is:
0.640 C.F.S. (and/or) 311.00 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
13S	25E	14	NE	NW		IRR	38.0
			NW	NW		IRR	16.0
			SW	NW		IRR	21.0
			SE	NW		IRR	34.0

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	109.0
					Total Acres	109.0

11. Place of use in counties: CASSIA

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

13. Other Water Rights Used:

MAHOGANY, CONNER & BLACKSMITH CREEK DECREED WATER

14. Remarks:

4/1/98 TF; ADDRESS CHANGED PER REQUEST FROM CLAIMANT.

15. Basis of Claim: LICENSE



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

June 1, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

NOEL B BOWCUT
KEY RANCH
19 GRANADA PL
BURLEY ID 83318

RE: Snake River Basin Adjudication (SRBA)
Notice of Claim No. A43-00080, A43-00368, A43-00369A,
A43-00369B, A43-00370, A43-00417A, A43-00417B, A43-07080,
A43-10062
Change of Address Notification

Dear Claimant(s):

Thank you for notifying us of your change in Address on the water right claim(s) referenced above. Our records have been updated accordingly.

Enclosed please find copies of your claims showing the change. Should you have any questions please contact this office.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Trish Fawcett'.

Trish Fawcett
Technical Records Specialist

/tf
Enclosures

SD-0601-2 Last Name: BOW T

Noel Bowcut
#19 Granada Place
Burley, ID. 83318

STATE

First Name	Water Right No.	Priority Date	Source	Total Diversion	Use Code	Desc
BOWCUT						
NOEL B	C A43-00417A	04/15/1882	SPRINGS	1.500	01	IRR
NOEL B	C A43-00369	04/01/1894	CASSIA CREEK	3.340	01	IRR
					04	STOCK
NOEL B	C A43-00370	04/30/1885	MAHOGANY SP	1.200	01	IRR
			SUMMIT CREEK		04	STOCK
			BLACKSMITH			
[REDACTED]						
NOEL	C A43-11142	10/18/1928	CLYDE CREEK	1.400	01	IRR
[REDACTED]						
[REDACTED]						

(Enter=Continue)

(GOLD7=This Query)

(Menu _____)

Way Ranch

Noel Bowcut
#19 Granada Place
Burley, ID. 83318

[Signature]

RECEIVED

MAR 27 1998

Department of Water Resources
Southern Region

RECEIVED

MAR 17 1998

Department of Water Resources
Adjudication Bureau

RECEIVED

MAR 25 1998

Department of Water Resources
Eastern Region

RECEIVED

MAR 25

Department of Water Resources
Eastern Region

RECEIVED

MAR 25 1998

Department of Water Resources
Eastern Region

Noel Bowcut
#19 Granada Place
Burley, ID. 83318

SD-0601-2 Last Name: BOWCUT

STATE

S	First	O	Water	Priority		Total	Use
E	Name	N	Right No.	Date	Source	Diversion	Code Desc
L							

BOWCUT

NOEL B	C	A43-00080	04/01/1885	CASSIA CREE	1.000	01	IRR
NOEL B	C	A43-00417	04/15/1882	SPRINGS	3.000	01	IRR
NOEL B	C	A43-07080	07/22/1977	GROUNDWATER	0.640	01	IRR
NOEL B	C	A43-10062	06/01/1978	GROUNDWATER	0.040	43	DOMEST
NOEL B	C	A43-10063	01/01/1885	SPRING	0.050	04	STOCK

NOEL B	C	A43-00417B	04/15/1882	SPRINGS	1.500	01	IRR
NOEL B	C	43-10063	01/01/1885	SPRING	0.050	04	STOCK

(Enter=Continue)

(GOLD7=This Query)

(Menu _____)

Kay Ranch
Noel Bowcut
#19 Granada Place
Burley, ID. 83318

RECEIVED

MAR 17 1998

Department of Water Resources
Adjudication Bureau

RECEIVED

MAR 18 1998

Department of Water Resources
Adjudication Bureau

RECEIVED

MAR 25 1998

Department of Water Resources
Eastern Region

SD-0601-2	Last Name: BOW	First Name	Water Right No.	Priority Date	Source	Total Diversion	Use Code	Desc
BOWCUT								
NOEL B	C A43-00369A	04/01/1894	CASSIA CREE	2.200	01 IRR	04 STOCK		
NOEL B	C A43-00369B	04/01/1894	CASSIA CREE	1.140	01 IRR	04 STOCK		
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
NOEL B	C A43-00368	04/15/1882	CONNER CREE	1.000	01 IRR	04 STOCK		

(Enter=Continue)

(GOLD7=This Query)

(Menu _____)

Key Ranch
 Noel Bowcut
 #19 Granada Place
 Burley, ID. 83318

[Signature]

RECEIVED

MAR 17 1998

Department of Water Resources
 Adjudication Bureau

RECEIVED

MAR 25 1998

Department of Water Resources
 Eastern Region

COPY

COPY

CC

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: A43-07080
Date Received: 3/22/1989
Receipt No: S006631
Received By: lu

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: NOEL B. BOWCUT
Address: KEY RANCH
CONNER CR.
MALTA, ID

208-638-5592

83342

2. Date of Priority: JUL 22, 1977

3. Source: GROUNDWATER

Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
13S	25E	11	SW	SE			CASSIA

5. Description of diverting works:
WELL, PUMP & SPRINKLER.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.640		311.00

7. Total Quantity Appropriated is:
0.640 C.F.S. (and/or) 311.00 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 of	Lot	Use	Acres
13S	25E	14	NE	NW		IRR	38.0
			NW	NW		IRR	16.0
			SW	NW		IRR	21.0

A43-07080

Page 1

Date: 03/22/89

MICROFILMED

MAR 04 1993

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
13S	25E	14	SE	NW		IRR	34.0
Section Acres							109.0
Total Acres							109.0

11. Place of use in counties: CASSIA

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

13. Other Water Rights Used:

MAHOGANY, CONNER & BLACKSMITH CREEK DECREED WATER

14. Remarks:

15. Basis of Claim: LICENSE

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): [Signature] Date: 3-22-89
_____ Date: _____

State of Idaho)
County of TF) ss.

Subscribed and sworn (or affirmed) before me this 22nd day
of Mar 19 89

[Signature]
Notary Public

Seal

Residing at TF

My Commission Expires 5/94

Water Right Number - 43-07080

Prefix Translation:

WATER RIGHT

Old (D) Number -

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

+ - First Name - - +

+ - - - - Address - - - - +

*** C - CURRENT OWNER ***
BOHCUT

NOEL B.

1 - RT. 1 #18 GRANADA PL.

2 -
3 -
City- BURLEY

State- ID Zip- 83318

Phone -

+ - - Priority Date - - +
07/22/1977+ - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
L - LICENSE

+ - - Status - - - +

+ - - Source - - - - +
GROUNDWATER

+ - - Tributary - - - - +

+ - - Twn Rng Sec Tract Lot Rflg County

Point of Diversion

Stream Index (Blank if no Index Code)

13S 25E 11 SW SE

(31) CASSIA

+ - - Code Description

Period From Period To

Water Use Diversion Rate Diversion Volume

01 - IRRIGATION

03/15

11/15

0.640

311.00

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

0.640 311.00

+ - Total Div. Capacity - + 0.640

+ - - Twn Rng Sec Tract Lot Acres

Place of Use

Code Description

County

13S 25E 14 NE NW

38.0

01 IRRIGATION

(31) CASSIA

13S 25E 14 NW NW

16.0

01 IRRIGATION

(31) CASSIA

13S 25E 14 SW NW

21.0

01 IRRIGATION

(31) CASSIA

13S 25E 14 SE NW

34.0

01 IRRIGATION

(31) CASSIA

Total Acres: 109.0

+ - - Diversion Means - WELL, PUMP & SPRINKLER.

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use -

+ - - Remarks
No Remarks found.+ - - Old Water Right Numbers
No Old Water Right Numbers found.+ - - Conditions of Approval
R04 - Use of water under this water right is subject to control by the
- Watermaster of State Water District No. 43C.MICROFILMED
MAR 04 1993

WATER TIGHT

R29 - This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 af/a per acre for the lands above.

+ - Decree Date - +
00/00/0000

- - -Comments- -
No Comments Found

Water Rights Dates and Flags Area

Proof Due Date	- 08/01/1983	Field Exam Made	- 08/10/1983	Field Exam Fee	-
Approved/Denied	- 08/02/1978	Protested Date	- 00/00/0000	Swan Falls	- Y
Proof Made Date	- 06/24/1983	Hearing Date	- 00/00/0000	Temporary Right	- P
Exam to S.O. Date	- 00/00/0000	Verified Date	- 12/30/1986	DLE/Carney Act	- 1
Order Show Cause	- 00/00/0000	Receipt Number	-	Water District	- 43C
Licensed Date	- 10/25/1986	Appl Received	- 00/00/0000	Transfer/Amended	-
Decree Date	- 00/00/0000	Presumption Flag	-		

MICROFILMED
MAR 04 1993

05/07/2001

**NOTICE OF ERROR
REPLY**

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: June 15, 2001

Water right number: 43-7080

NOEL B BOWCUT
KEY RANCH
19 GRANADA PL
BURLEY ID 83318
Telephone Number: (208)678-0080

RECEIVED
MAY 23 2001
Department of Water Resource
Southern Region

1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):

2. Describe the changes you wish to make in the proposed recommendation:

3. Give a brief explanation as to why you disagree with these portions:

7/15 I AGREE with this proposed recommendation: no changes need to be made.

DATE: 5-15-01

SIGNATURE: [Signature]

Please print your name: Noel B. Bowcut

IDWR Regional Office, 1341 Fillmore St, Suite 200, Twin Falls, ID 83301, 2087363033

01/31/2001

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 43-7080

NAME AND ADDRESS: NOEL B BOWCUT
KEY RANCH
19 GRENADA PL
BURLEY, ID 83318

SOURCE: GROUND WATER

VERIFIED BY: *KKC*

QUANTITY: 0.64 CFS
311 AFY

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 4.45 CFS COMBINED RIGHTS: 43-00368, 43-00369A, 43-00369B, 43-00370, 43-00417A, 43-00417B AND 43-07080

PRIORITY DATE: 07/22/1977

POINT OF DIVERSION: T13S R25E S11 SESWSE Within CASSIA County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	3-15 11-15	0.64 CFS 311.00 AFY

PLACE OF USE:

IRRIGATION Within CASSIA County

T13S R25E S11	SWNE	9.7	T13S R25E S11	SENE	3.3
T13S R25E S11	NESW	16	T13S R25E S11	SESW	34
T13S R25E S11	NWSE	5.7	T13S R25E S11	SWSE	3.3
T13S R25E S14	NENW	38	T13S R25E S14	NWNW	27
T13S R25E S14	SWNW	40	T13S R25E S14	SENE	34

211 ACRES TOTAL

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 211 ACRES IN A SINGLE IRRIGATION SEASON
COMBINED RIGHTS: 43-00368, 43-00369A, 43-00369B, 43-00370, 43-00417A, 43-00417B AND 43-07080

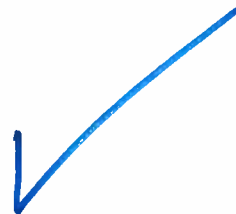
THIS RIGHT IS LIMITED TO THE IRRIGATION OF 109 ACRES WITHIN THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

R PROOF



CVR

2 pgs
only

MAPS



PHOTOS

See 43-00417A
00417B
00368
00370

MISC



Water Right Number - R43-07080 Prefix Translation: RESEARCH Old (D) Number -
*** C - CURRENT OWNER *** NOEL B
BOWCUT
1 - KEY RANCH
2 - 19 GRENADA PL
3 -
City- BURLEY
Phone - 208-678-0080
State- ID Zip- 83318
VERIFIED BY: *KRC*

Priority Date - 07/22/1977 Region - 17 SOUTHERN Stage - L - LICENSE Status -

Source - GROUNDWATER Tributary -

Point of Diversion -
Turn Rng Sec Tract Lot RFlg County
13S 25E 11 SE SW SE (31) CASSIA

Code Description Period From Period To Water Use Diversion Rate Diversion Volume
01 - IRRIGATION 03/15 11/15 0.640 311.00

Total Div. Rate - 0.640 Total Div. Volume - 311.00 Total Consumptive Use - 0.0 KW Usage -

Turn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
13S	25E	11	SW NE		9.7	01	IRRIGATION	(31) CASSIA	
13S	25E	11	SE NW		3.3	01	IRRIGATION	(31) CASSIA	
13S	25E	11	NE SW		16.0	01	IRRIGATION	(31) CASSIA	
13S	25E	11	SE SW		34.0	01	IRRIGATION	(31) CASSIA	
13S	25E	11	NW SE		5.7	01	IRRIGATION	(31) CASSIA	
13S	25E	11	SW SE		3.3	01	IRRIGATION	(31) CASSIA	
13S	25E	14	NE NW		38.0	01	IRRIGATION	(31) CASSIA	
13S	25E	14	NW NW		27.0	01	IRRIGATION	(31) CASSIA	
13S	25E	14	SW NW		40.0	01	IRRIGATION	(31) CASSIA	
13S	25E	14	SE NW		34.0	01	IRRIGATION	(31) CASSIA	

Total Acres: 211.0

- - - Diversion Means - WELL, PUMP & SPRINKLER.
- - - Non-Irrigation Use -
- - - Other Rights for Same Use - MAHOGANY, CONNER & BLACKSMITH CREEK DECREED WATER

Water right number - R43-07080

Prefix Translation: RESEARCH

Remarks

QNT USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 4.45 CFS.
COMBINED RIGHTS: 43-00368, 43-00369A, 43-00369B, 43-00370,
43-00417A, 43-00417B AND 43-07080.

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A
COMBINED TOTAL OF 211 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHTS: 43-00368, 43-00369A, 43-00369B, 43-00370,
43-00417A, 43-00417B AND 43-07080.
THIS RIGHT IS LIMITED TO THE IRRIGATION OF 109 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.

4307080 Old Water Right Numbers

C18 THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT
ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY
DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE
ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.

Decree Plaintiff Decree Defendant Decree Date
00/00/0000

Date: 04/01/1998 User Id: TFAWCET Subject: ADDRESS CHANGE
ADDRESS CHANGED PER REQUEST FROM CLAIMANT.

Audit Fields
03/06/00 KCHRISTE

Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	Field Inspection Made	- 06/29/1995	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	- 03/06/2000	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 03/22/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S006631	Water District	- 43C
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	-	Presumption Flag	-
				Notice of Error Flag	-

43-00368, 43-00369A, 43-00369B, 43-00370,

43-00417A, 43-00417B AND 43-07080

BASIS FOR RECOMMENDATION

43-00368, 43-00370 and 43-00417 were decreed to the NW quarter of section 14. **43-00369** was decreed to the same tract as above and the E½SW¼ and E½NW¼ of Section 11.

43-07080 is a groundwater source right licensed partly on new ground and partly overlapping ground.

As a majority of the irrigated place of use has two or more overlapping rights for any specific area I am recommending all rights within a single permissible place of use. Each right, however, is being recognized with an acre limitation based upon the historical place of use covered specifically by that right.

43-00368 was decreed from Connor Creek. I found a delivery system from Connor Creek delivering water to the NW¼ of sec 14. The delivery system cannot deliver water to the entire recommended place of use in that quarter and is therefore recommended with an acre limitation to those acres that have historically irrigated from Connor Creek. The Connor Creek system does not irrigate any ground in Section 11. The ditch flow from Connor Creek is predominately northeast until it reaches the northern boarder of Sec 14. At that point the ditch runs east. Gravity flow is south to southeast. I found 87 irrigated acres under the Connor Creek source.

43-00369 was decreed with Cassia Creek as the source. Cassia Creek cannot reach any portion of this property. I have interpreted this right to be a later in priority date right from all decreed sources and as a supplemental right to the existing rights and therefore have split it according to the sources recognized on the other claims. The "A" portion is recognized as complementary to 43-00370 and is recommended with the same sources, p/ds, and place of use. The "B" portion is recognized as complementary to 43-00368 and is recommended with the same source, p/d, and place of use.

The decree for **43-00370** lists Mahogany Springs, Summit and Blacksmith Creeks as the sources for this right. Blacksmith Creek enters the property in the North end of the SW¼NE¼ of Section 11 (also the northern border of the recommended place of use). Stream flow from Blacksmith Creek is predominantly straight south. Although not clearly described in the decree, I am recognizing the irrigated acres in Section 11 and 14 as part of the decreed place of use for this right. Using the three sources, all of the irrigated place of use except for the southwest corner of the SW¼NW¼ of section 14 and that portion of the irrigated place of use east of Blacksmith Creek located in the E½NW¼ of section 14. Approximately 166 acres

The sources shown in the decree for **43-00417** are 'all springs' upon said land'. Although most of the springs are somewhat independent of each other, they are physically grouped in two geographical locations and therefore I have split this claim into two parts representing each spring grouping. Three springs are located in the S½SW¼ of section 11 and are part of the "A" split.(approximately 31 acres) The other springs are located in the W½NW¼ of section 14 and are part of the B" split. (approximately 28 acres) The springs are part of the gravity system and the irrigated place of use from these springs is limited in area by the ground slope.

43-07080 is the last right appurtenant to a portion of the total place of use. This right is from groundwater and a licensing field examination was conducted in 1883. The adjudication recommendation is based upon this examination. This right is limited to the 109 licensed acres.

DIVERSION RATE LIMIT ANALYSIS

The permissible place of use found was 211 acres. The combined diversion rates for all rates would exceed one inch per acre. Therefore a rate limit is required. Conveyance losses were calculated for the Connor Creek diversion (43-00368 and 43-00369B) Conveyance losses were not calculated for any of the other ditches.

System claims	acre limitation	irr rate
43-00368 & 43-00369B	87 acres	1.74 cfs (when the two rights are combined) 0.23 cfs conveyance losses
43-00370 & 43-00369A	166 acres	3.32 cfs (when the two rights are combined)
43-00417A	31 acres	0.62 cfs
43-00417B	28 acres	0.56 cfs
43-007080	109 acres	<u>0.64 cfs</u>
	total	7.11 cfs

System limits = 211 ac @ 0.02 cfs/acre =	4.22 cfs
Total conveyance loss	<u>0.23 cfs</u>
Total system diversion rate limits	4.45 cfs

**BOWCUT SYSTEM ANALYSIS
FOR FARMSTEAD IN Tns 13S; Rng 25E; Secs 11 & 14 B.M.**

SPLIT ANALYSIS FOR A43-00369

This right was decreed as a blanket right for additional water for the entire place of use with the source listed as Cassia Creek. Cassia Creek is approximately one mile south of the southern edge of this property and water from Cassia Creek cannot physically reach this ground. Based upon historical practices in this area, as it relates to this claim and other rights similarly decreed, this right is recognized to be additional water from the same sources decreed as A 43-00368 (from Connor Creek) and A43-00370 (multiple sources) with earlier priority dates. As the base rights are being recommended for the actual place of use under its system, A43-00369 is being split to conform to each base system and diversion rate applicable to each system.

A43-00369A is recommended as overlapping with A43-00370 with the same sources and for the same place of use. I accept the originally decreed priority date as valid for this portion of the original right.

A43-00369B is recommended as overlapping with A43-00368 with the same source and for the same place of use. I accept the originally decreed priority date as valid for this portion of the original right.

**RECOMMENDATION ANALYSIS FOR DECREED RIGHT
43-00368 & A PORTION OF 43-00369**

A43-00368 and A43-00369B are recommended as Connor Creek diversions using the same P/D, delivery system and for the same P/U.
A43-00369B is for additional water with a later priority date.

DECREE INFORMATION:	DECREED RATE	DECREED SOURCE	DECREED RIGHT #
	1.00 CFS	CONNOR CREEK	43-00368
	3.34 CFS	CASSIA CREEK	43-00369

Measured = system capacity > 1.00 cfs
Found P/U = 87 acres

DIVERSION RATE RECOMMENDATION:

LEGAL LIMIT AT 1" PER ACRE = 87 acres * .02cfs/acre = 1.74 CFS
RECOMMENDATION FOR A43-00368: 1.00 CFS
difference 0.74 CFS

RECOMMENDATION FOR A43-00369B 0.74 CFS

PLACE OF USE ANALYSIS

Water is delivered to the P/U through an earth ditch that forms the northwest and north borders of the P/U. The meadows are flood irrigated through various contour ditches and is at times co-mingled with water from the A43-00370 system and/or the A43-00417B system. The eastern boundary is formed by a natural channel that lays west of Blacksmith Creek and roughly parallels that channel. The southern boundary is the property line. Excess irrigation water from this system can irrigate a portion of the ground south of this system. A ditch running straight south from the point where the Connor Creek ditch enters the property and following the fence line forms the western border of the P/U.

RECOMMENDATION ANALYSIS FOR DECREED RIGHT 43-00370 & A PORTION OF 43-00369

A43-00370 and A43-00369A are recommended as multiple source diversions using the same P/Ds, delivery systems and for the same P/U. A43-00369A is for additional water with a later priority date.

DECREED RIGHT 43-00370

DECREED RATE	DECREED SOURCE
1.20 CFS	MAHOGANY SPRINGS: not identified by the USGS on the quad maps but there is a spring system locally known as Mahogany springs BLACKSMITH CREEK: identified as such by the USGS on the quad map SUMMIT CREEK: USGS identifies a Summit Creek just north of this system but in basin 45. The next significant stream source used in this system is Sibley Creek as identified by the USGS and as such, is the recommended source under this decreed claim.

DECREED RIGHT 43-00369

3.34 CFS CASSIA CREEK (Recommended sources as listed above)
Measured = 1.09 cfs (the system was not at capacity)
Found P/U = 166 acres

POINT OF DIVERSION ANALYSIS

43-00370 was decreed as having three sources but without listing any diversion points. 43-00369 was decreed with Cassia Creek as the source. Cassia Creek has never and cannot be physically delivered to the found place of use without a pumping plant. In reviewing the Jobe-Adams decree, it is noted that many times tributaries to Cassia Creek are referred to as Cassia Creek. Therefore 43-00369 is being recommended as a split right with the sources agreeing with the overlapping right sources.

The adjudication claims are being recommended with three separate sources with the diversion points identified as found. Each source irrigates some ground independent of the other sources but also overlaps on some acres within the recommended place of use. I am recommending these sources as one system under this claim.

SOURCE	P/D LEGAL DESCRIPTION
BLACKSMITH CREEK	TNS 13S; RNG 25E; SEC 11; SW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 11; NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 14; NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ B.M.
SIBLEY CREEK	TNS 13S; RNG 25E; SEC 11; NW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ B.M.
MAHOGANY SPRINGS	TNS 13S; RNG 25E; SEC 10; NW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 10; NE ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 10; NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ B.M.

DECREED RIGHT 43-00417

DECREED RATE	DECREED SOURCE
ALL	ALL SPRINGS

I found two significant spring systems and several other seep/spring areas. The springs are being recommended as two separate systems under parts A and B. The smaller spring seeps were not measured or specifically identified.

Analysis for A43-00417A (the north spring system consisting of three developed springs.

Measured = .47 cfs (includes a small flow from Sibley Creek but does not include the output of the two north springs within this system)

Found P/U = 31 acres

SPRINGS	TNS 13S; RNG 25E; SEC 11; NE ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 11; NW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ B.M. (2 P/Ds)

Analysis for A43-00417B (the south spring system consisting of three developed springs and two small ponds.

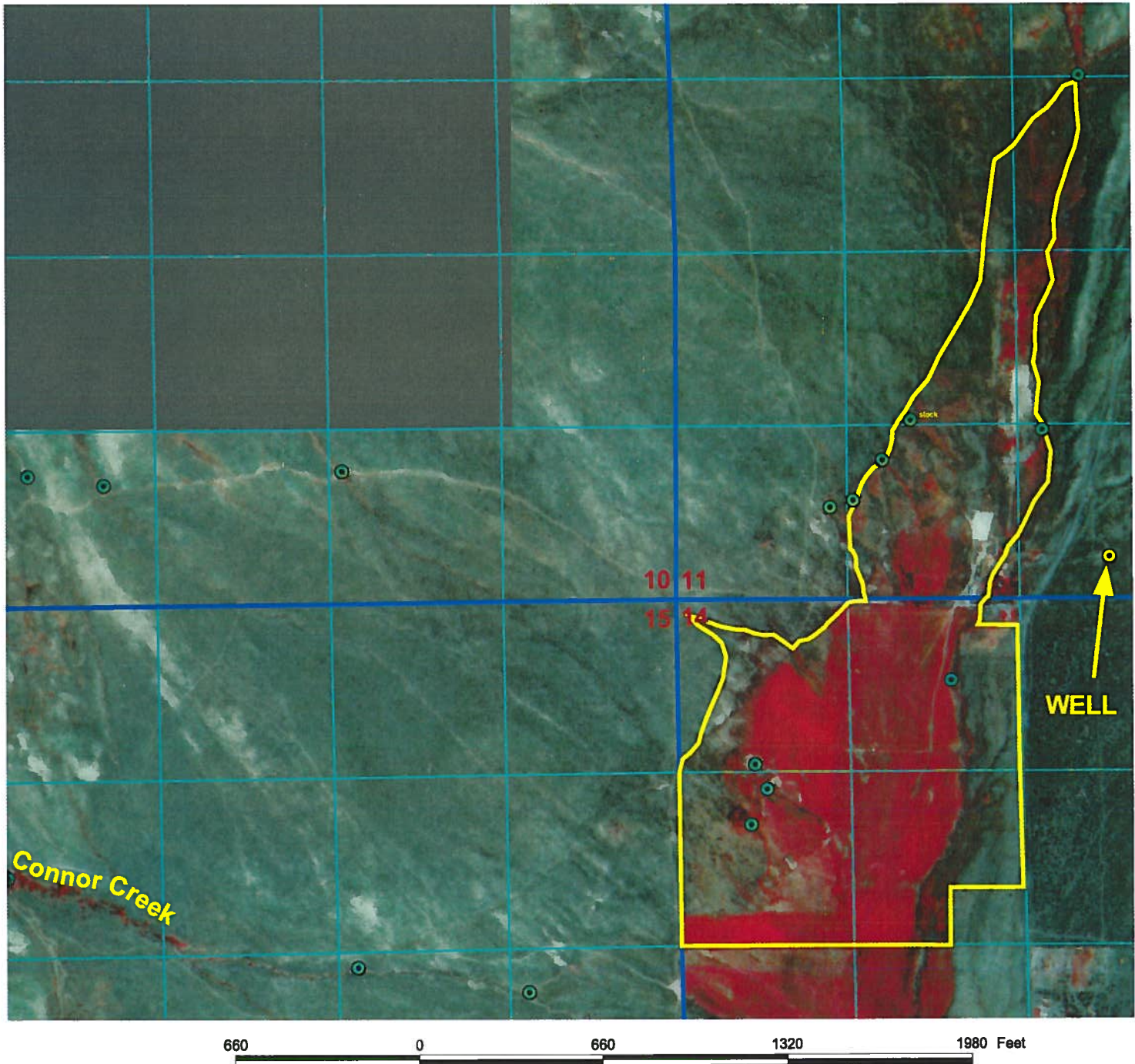
MEASURED = .66 cfs (the measurement includes all three springs except for a small seepage that was below the ditch. Both Mahogany Springs water and Connor Creek water was and had been diverted past this system and is not considered to have significantly impacted the springs discharge for measurement purposes.

Found P/U = 28 acres

SPRINGS	TNS 13S; RNG 25E; SEC 14; SW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 14; NE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ B.M.
	TNS 13S; RNG 25E; SEC 14; NW ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ B.M.

IDAHO DEPARTMENT OF WATER RESOURCES

**RECOMMENDED PLACE OF USE
FOR 43-07080**

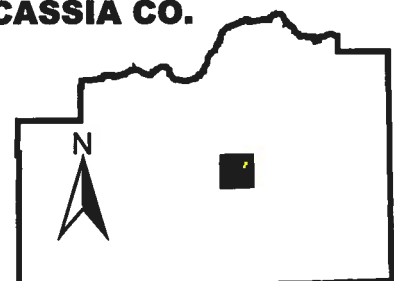


PLACE OF USE
TWP 13S RNG 25E, SEC 11 & 14
data entry on: March 3, 2000

GIS PLACE OF USE PRESENTATION
1987 AND/OR 1988 NAPP PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN

-  **POINT OF DIVERSION**
-  **PLACE OF USE**
-  **SECTION LINES**
-  **QUARTER/QUARTER LINES**

CASSIA CO.



LAIM NUMBER 43-00368 -00370 DATE 3-1-00
43-07080 -00369A -00417A AGENT KKC
-00369B -00417B

TRANSFER NUMBER _____
CLAIMED ACRE TOTAL 189
GIS ACRE TOTAL 211

	TWP	RNG	SEC	NE				NW				SW				SE			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	13S	25E	11																
GIS			11			9.7				3.3	15.8			33.9		5.7	3.3		
RECOM						9.7				3.3	16			34		5.7	3.3		7
CLAIM	13S	25E	14					38	16	21	34								10
GIS			14					37.7	26.8	39.9	33.7								
RECOM								38	27	40	34								13
CLAIM																			
GIS																			
RECOM																			

B43-POU.SHP Claimed as licensed.
SHAPE NOS. Recommended within a PPG of 211 acres
171 limit this right to the lic. 109 acres.

B43-POD.SHP _____
NOS. DESCRIPTION 116 Sec 14
SE SW SE

DBF TABLES UPDATED _____
B43-DBPOU.DBF ☒ 3-6-00
B43-DBPOD.DBF ☒ "
JPEG LAYOUT ☒ 43-07080 Bowcut.JPG

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

15:45:25
03/06/00

PAGE: 2
QUICKLOOK INFORMATION

2
CLAIM NUMBER: A43-07080

WR ELEMENT	DATA DISCREPANCY Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	ELEMENT DOCUMENTED WHOM/DATE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE	-		KKC 6-29-95	N	KKC 3-6-00	KKC 3-6-00	KKC 3-6-00	
POINT OF DIV	-							
SOURCE	-							
PLACE OF USE	-							
DIV. AMOUNT CFS/VOLUME	-							
CONSUMPTIVE USE	-							
PURPOSES OF USE	-							
PERIOD OF USE	-							
BASIS OF CLAIM	-							
REMARKS	-							

This right was examined in 1983 and subsequently licensed in 1986. I am recommending this right as licensed, but tying it into the PPU of the entire irr P/ri

BARCODE UPDATED
WHOM/DATE

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>CC-80 1976</u> IDWR ID NO. _____	Y() N()
	<u>CLB1 1976</u>	
() TOPOGRAPHIC	DATE FIELD CHECKED _____ IDWR ID NO. _____	Y() N()
() NAPP	DATE OF PHOTO <u>Rectified & in GIS</u> IDWR ID NO. _____	Y() N()
() ASCS AERIAL PHOTO	DATE OF PHOTO <u>1978 (Fieldmap.)</u>	Y() N()
() ASCS COLOR SLIDE	DATE OF PHOTO _____	Y() N()
() BLM OR USFS AERIAL PHOTO	DATE OF PHOTO _____	Y() N()
() TOWNSHIP SURVEY (GOVERNMENT PLAT)	DATE OF SURVEY _____	Y() N()
() SCS SOIL SURVEY MAP	DATE ISSUED _____	Y() N()
() SUBDIVISION PLAT MAP	DATE OF MAP _____	Y() N()
() OTHER _____	DATE _____	Y() N()
() OTHER _____	DATE _____	Y() N()
() OTHER _____	DATE _____	Y() N()

LIST OF ATTACHMENTS (CHECK IF ATTACHED)	IF ATTACHED, SUPPLY APPROPRIATE INFORMATION	NO. OF PAGES	NOTES
() LICENSING FIELD EXAM	DATE OF FIELD EXAM _____		
() WATER RIGHT LICENSE	DATE LICENSE SIGNED _____		
() IDWR APPROVED TRANSFER	DATE TRANSFER APPROVED <u>3pg Bowcut system analysis .43C</u>		<u>7-17-10</u>
☒ SYSTEM DESCRIPTION	DATE DRAWN <u>2pg - 43-00368 to 00370 bowcut sys analysis</u>		<u>Dated 2-27-00</u>
() PHOTOGRAPHS	DATE(S) PHOTOS TAKEN <u>6-23-95 & 6-29-95</u>		<u>5pgs</u>
() SPLIT RIGHT REVIEW	DATE REVIEW COMPLETED _____		
() HUBBLE ANALYSIS	DATE ANALYSIS COMPLETED _____		
() CONVEYANCE LOSS ANALYSIS	DATE ANALYSIS COMPLETED _____		
() FLOW MEASUREMENT CALCULATIONS	DATE SYSTEM MEASURED _____		
☒ OTHER _____	DATE <u>PH land list</u>		<u>3-1-00</u>
☒ OTHER _____	DATE <u>GIS layout</u>		<u>Rec'd 3-3-00</u>

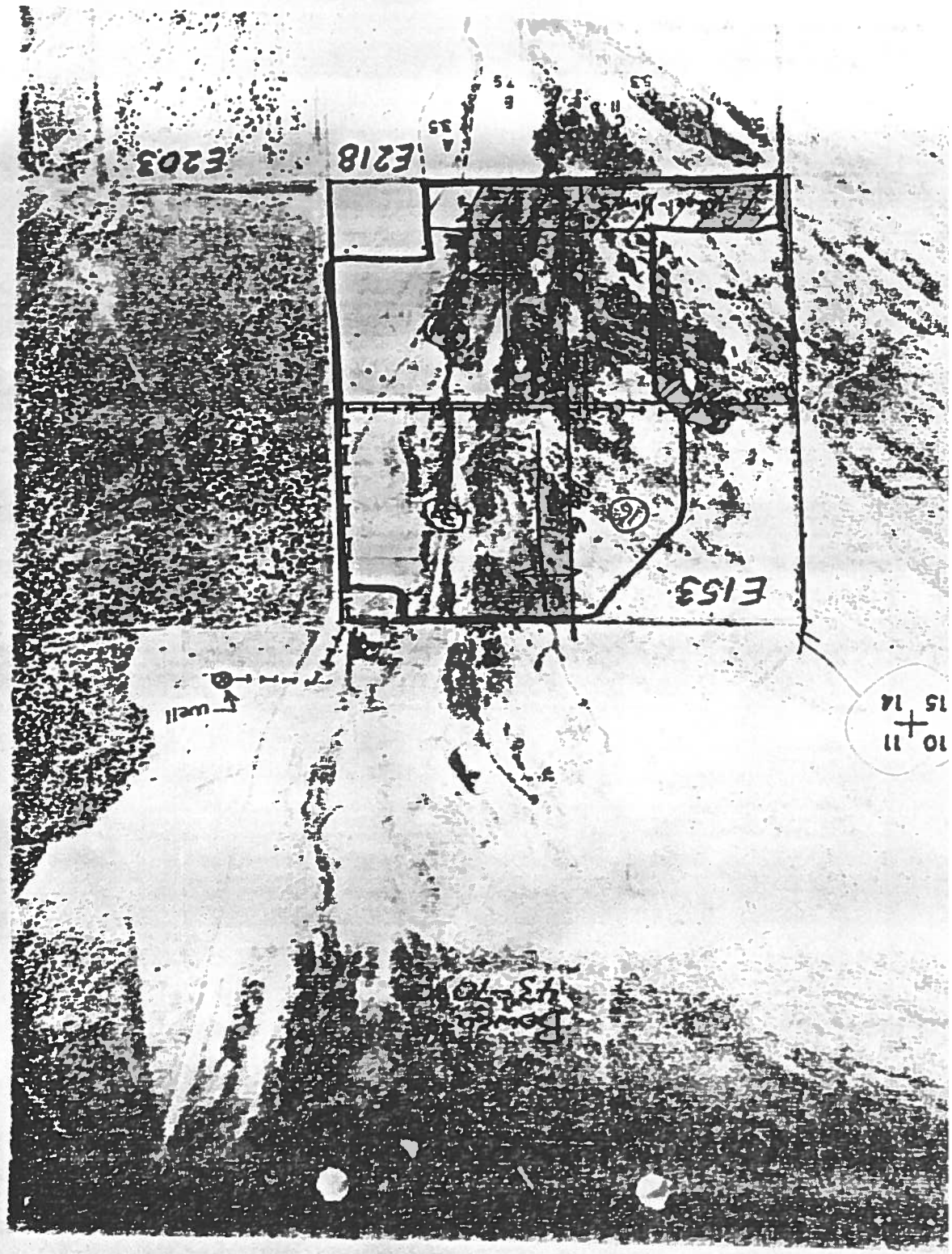
WATER RIGHT LICENSE

No. 43-7080 _____, has complied with the terms and conditions of Permit
and has submitted proof to the Department of Water Resources on July 22, 1977
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 0.64 cfs _____ of water from a groundwater source
tributary to _____, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use _____

Subject, however, to the condition that no more than 0.64 cfs at _____ cfs and _____
(both dates inclusive) of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
311.0 acre feet per year, said waters to be diverted within the SW 1/4 Section 11,
Twp 13S, Rge 25E
Description and location of place of use: _____ in the County of Cassia

[illegible]



43-7080

Percent Mo.

DATE _____

INITIALS

REMARKS

- ☐ Appointment letter mailed
- ☐ Telephone call made
(List Telephone No. used)
- ☐ Appointment scheduled for
(Date, time, location)

8/10/83	ADA	Determination of lands irrigated.
---------	-----	-----------------------------------

EXAMINATION

EXAMINATION
Date 8/10/83 Accompanied by _____ Total Q measured 464 cfs
Source Groundwater Tributary to _____ Supp. annubar measurement sheet used? No
If source is surface water, estimate total flow of source _____
Methods of measurement Collins Meter Meets permit requirements? Yes

Measurement calculations System measured by DuPont Shokri of SCS, Berkeley
2nd Jerry Udy of Rafi River Rural Electric Cooperative, Alinta during
energy evaluation. System analysed for both modes of operation. 7/12/72

Mode #1	Mode #2
Big Gun operating with 135 psi @ pump $Q = 243 \text{ gpm} \approx 0.54 \text{ cfs}$	Wheel-line operating 10 psi @ pump $Q = 289 \text{ gpm} \approx 0.64 \text{ cfs}$

(See attached sheets for mem. notes)

WELL DEV NO -	HP	MOTOR MAKE	MOTOR SERIAL NO	PUMP MAKE	PUMP SERIAL NO	MEASURING DEVICE TYPE	CONDITION OF MEAS DEVICE	REMARKS
		No plate found for description of motor & pump information from SCS. indicates that a Barkley Submersible pump 652BH 15-50 is installed.						

System Description Well & submersible pump delivering to mainline which
supplies 2 wheel-line or 2 movable "big gun" sprinkler.

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement =

~~3.5~~ * ~~ALLOW 3.0~~
per permit
condition
AFA/Acre

	USE	Q (cfs)	V (cfs)	FROM	TO
Irrigation ✓		0.64 cfs ✓	34.7	3-15 ✓	11-15 ✓
			311.0 AF		
Total		0.64 cfs ✓	311.0 AF 34.7		

Remarks These lands also supplied water from other surface sources

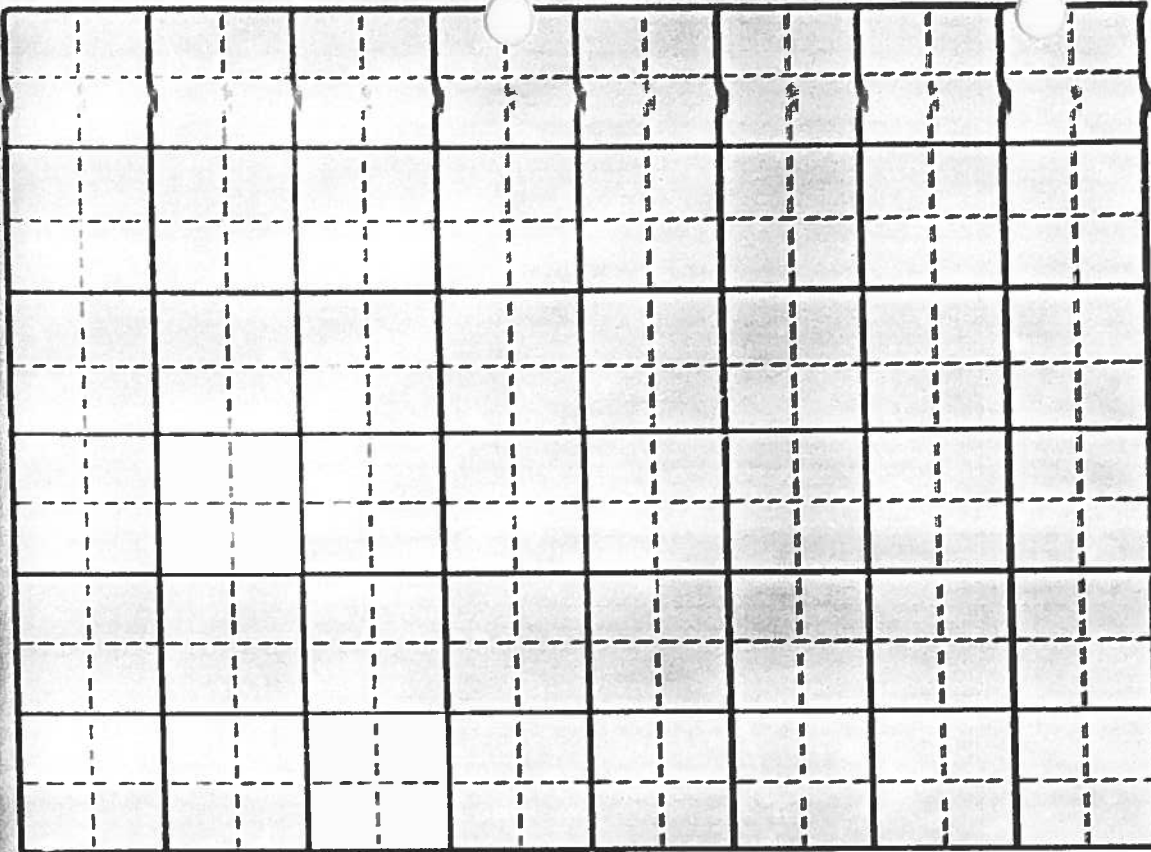
* Note: Permit allows 3.0 A.F./Ann/Acre however from handbook appears to be 3.5 A.F./Ann/Acre 2002.

$$V = 0.64 \times 1.9835 \times 245 = 311.01 \approx 311.0 \text{ AF}$$

$$V_{\text{min}} = 0.64 \text{ cfs} \times 1.98 \text{ A.F./cfs/day} \times 246 \text{ days/Ann.} = 311.7 \text{ A.F.}$$

$$V = 109 \times 3 = 327. \text{ AFA}$$

MAP (Attach Aerial Photo)



SCHEMATIC DIAGRAM OF SYSTEM

(Include distance from pump to measuring device, if applicable.)

Point(s) of diversion: SW 1/4 SE 1/4 Sec 11, T.13S, R.25E, B.M.

Place(s) of Use ☒

TWP.	RGE.	SEC.	NEX				NWY				SWY				SEY				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	
13S	25E	14					38	16	21	34									109 ✓

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

Examiner's Signature

Checked by

Approved by

John D. Monte
G.F. Stalter
Kay Walker

24

Date

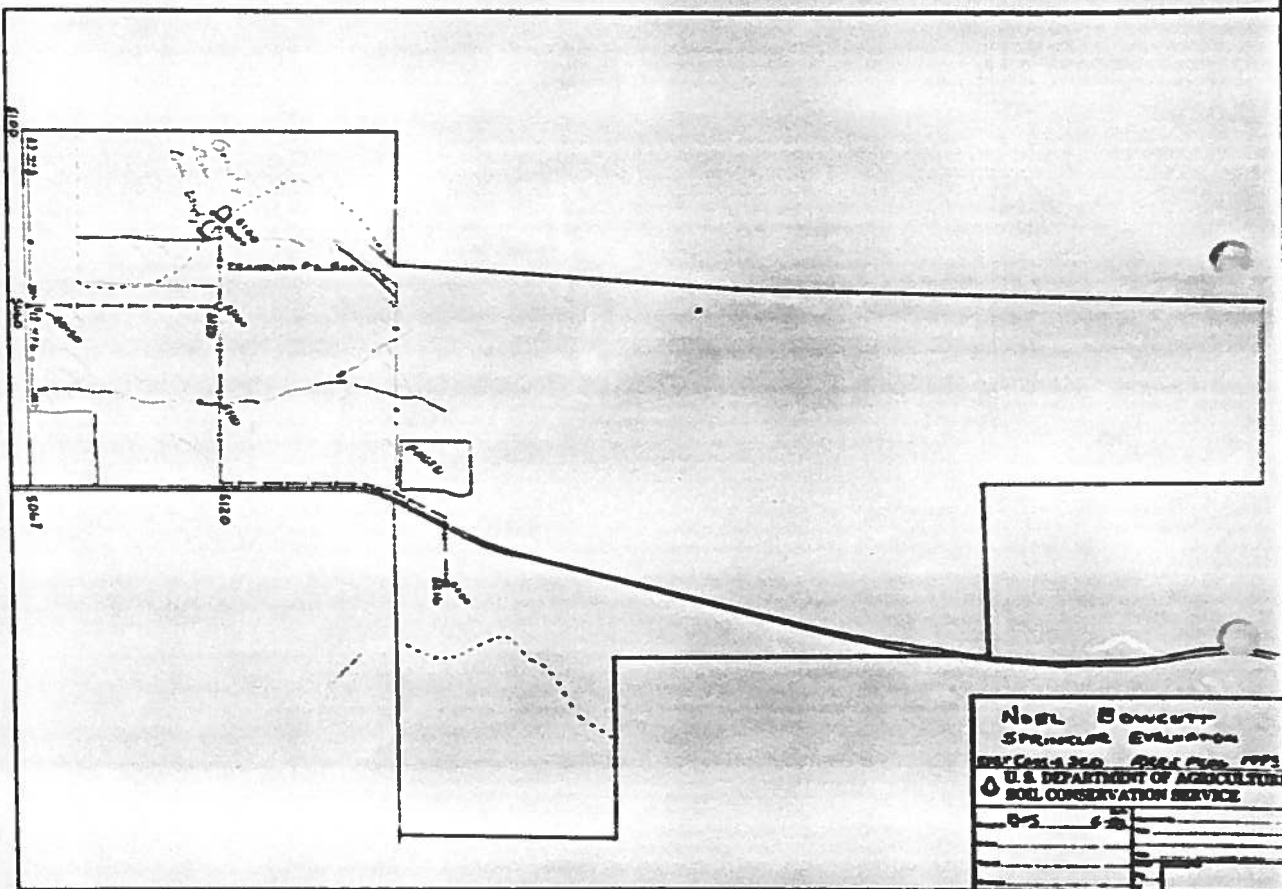
Date

Date

12/12/83

12-12-83

9-12-86



Nest Bowcott	
SPRINGFIELD, ILLINOIS	
DATE: 10-1-30	FILE NO. 1001
U.S. DEPARTMENT OF AGRICULTURE	
SOIL CONSERVATION SERVICE	
BY: 10-1-30	FILE NO. 1001
10-1-30	