



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

February 4, 2002

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

KATHERINE SCHROEDER
C/O WILLIAM SCHROEDER
2388 S MOSER RD
AMERICAN FALLS ID 83211

Re: Snake River Basin Adjudication (SRBA)
Water Rights #35-2167E and 35-2167F
Change of Address

Dear Water Right Holder:

We have modified our records to reflect Katherine Schroeder's address as shown above. Adding the word "Estate" after her name would legally change the claimant name, which we cannot do without a Notice of Change of Water Right Ownership being completed. I have enclosed that form for your possible use. A photocopy of her death certificate will take the place of a Warranty Deed.

Please call this office toll-free at 1-800/451-4129 to obtain a form to make this required change to the water right record.

Sincerely,

Sally Sherman
Technical Records Specialist
Adjudication Bureau

ss:region

Enclosure:

Form 42-248/42-1409(6)

RECEIVED
DEC 28 2001
Department of Water Resources

Snake River Basin Adjudication
Change in Address of Notice of Claim

Claim Number(s): 35-02167E, 35,02167F,

Previous Mailing Address: Katherine Schroeder Estate
P.O. Box 17
Aberdeen, ID 83210

New Mailing Address: Katherine Schroeder ~~Estate~~ Estate
2388 S. Moser Rd.
American Falls, ID 83211

Telephone Number: (208) 226-2179

Signature of Claimant(s): Katherine Schroeder Estate
William Schroeder, G.P.

Please return this completed form to:

Adjudication Bureau
Idaho Dept. of Water Resources
1301 N. Orchard St.
Boise, ID 83706-2237
Ph. 1/800/451-4129 or
FAX 208/327-5400

Adjudication Bureau
Idaho Dept. of Water Resources
2735 Airport Way
Boise, ID 83705-5082
Ph. 208/334-2190 or
FAX 208/334-2348

Adjudication Bureau
Idaho Dept. of Water Resources
1341 Fillmore St., Ste. 200
Twin Falls, ID 83301-3380 or
FAX 208/736-3037

Adjudication Bureau
Idaho Dept. of Water Resources
900 N. Skyline, Ste. A
Idaho Falls, ID 83402-3653 or
FAX 208/525-7177

SS
ADDRESS FM
Revised 12/13/1999

IDWR Use Only:
Data Entry: schroeder

Date: 12-31-02

1119

ROGER D. LING
BRENT T. ROBINSON

JASON D. WALKER
TIMOTHY J. SCHNEIDER
ASSOCIATES

LING & ROBINSON
ATTORNEYS AT LAW
615 'H' STREET
P. O. BOX 386
RUPERT, IDAHO 83350-0386

AREA CODE 208
TELEPHONE 435-4717
FAX 435-8804

2001 NOV 13 PM 3:17

FILED

November 8, 2001

Clerk of the District Court
Snake River Basin Adjudication
P. O. Box 2707
Twin Falls, ID 83303-2707

RE: Consolidated Lead Subcase No. 35-02315 and
each subcase listed in Exhibit "A" attached to
Aberdeen-Springfield Canal Company's SF.1 Objection

Dear Clerk:

With regard to the mailing list and addresses for Exhibit "A" in
the above-captioned matter and document, I have received the following
address corrections:

-1b-02
not their
client's Judy
Barnes -
Katherine Schroeder Estate
c/o William R. Schroeder
2388 S Moser Rd.
American Falls, ID 83211

(Nos. 35-02167E, 35-02167F)

Arthur J. Jones
1715 W 200 N
Blackfoot, ID 83221-5047

(No. 35-02100)

Todd Feld
P. O. Box 299
Aberdeen, ID 83210-0299

(No. 35-07732)

I hope this will be of assistance to you.

Very truly yours,

Judy Barnes
Judy Barnes, Secretary to
Roger D. Ling

jb

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: **A35-02167F**
Date Received: 4/ 2/1990
Receipt No: E012719
Received By: _____

**COPY FOR
YOUR FILES**

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

**COPY FOR
YOUR FILES**

1. Name: KATHERINE SCHROEDER 208-397-5335
Address: PO BOX 17
ABERDEEN ID 83210
OR
Name: WILLIAM R SCHROEDER 208-226-2179
Address: 2388 SOUTH MOSER ROAD
AMERICAN FALLS ID 83211

2. Date of Priority: APR 7, 1950

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
06S	30E	36	NW	SW	NE		POWER

5. Description of diverting works:
WELL, 100 H.P. PUMP, BURIED MAINLINE TO LATERALS WITH SPRINKLERS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	10/31	2.660		1004.00

7. Total Quantity Appropriated is:
2.660 C.F.S. (and/or) 1004.00 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
06S	30E	36	NE	NE	1	IRR	37.0

10. Place of Use: Continued

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
06S	30E	36	NW		NE		IRR	15.0
			SW		NE		IRR	33.0
			SE		NE	2	IRR	42.0
			SE		NW		IRR	1.0
			NE		SW		IRR	10.0
			SE		SW		IRR	2.0
			NE		SE	3	IRR	41.0
			NW		SE		IRR	40.0
			SW		SE		IRR	14.0
			SE		SE	4	IRR	16.0
							Section Acres	251.0
							Total Acres	251.0

11. Place of use in counties: POWER

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

13. Other Water Rights Used:

14. Remarks:

15. Basis of Claim: LICENSE

Water Right Number: 21449

November 20, 1998

**NOTICE OF ERROR
REPLY**

RECEIVED

DEC 24 1998

Department of Water Resources
Eastern Region

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: December 18, 1998

Water right number: 35-02167F

WILLIAM R SCHROEDER
2388 SOUTH MOSER ROAD
AMERICAN FALLS ID 83211

Daytime Telephone Number:

Evening Telephone Number:

(208) 226-2179

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:

X I AGREE with this proposed recommendation; no changes need to be made.

DATE: 12-16-98 SIGNATURE:

Please print your name:

William Schroeder
William Schroeder

IDWR Eastern Regional Office, 900 N. Skyline Drive, Suite A, Idaho Falls, ID 83402-1718, (208) 525-7161

November 20, 1998

**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: December 18, 1998

Water right number: 35-02167F

KATHERINE SCHROEDER
PO BOX 17
ABERDEEN ID 83210

Daytime Telephone Number:

Evening Telephone Number:

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:

____ I AGREE with this proposed recommendation; no changes need to be made.

DATE: _____ SIGNATURE: _____
Please print your name: _____

IDWR Eastern Regional Office, 900 N. Skyline Drive, Suite A, Idaho Falls, ID 83402-1718, (208) 525-7161

Returned to sender

RIGHT NUMBER: 35-02167F

NAME AND ADDRESS: WILLIAM R SCHROEDER
2388 SOUTH MOSER ROAD
AMERICAN FALLS ID 83211

KATHERINE SCHROEDER
PO BOX 17
ABERDEEN ID 83210

SOURCE: GROUNDWATER

QUANTITY: 2.66 CFS
1004.0 AFY

PRIORITY-DATE: 04/07/1950

POINT OF DIVERSION T06S R30E S36 NWSWNE Within POWER County

PURPOSE AND PERIOD OF USE:	PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION		04-01 10-31	2.66 CFS
			1004.0 AFY

PLACE OF USE: IRRIGATION Within POWER County

T06S R30E S36	LOT 1 (NENE) 37	NWNE 15	SWNE 33	LOT 2 (SENE) 42
	SENE 1	NESW 10	SESW 2	LOT 3 (NESE) 41
	NWSE 40	SWSE 14	LOT 4 (SESE) 16	

251 ACRES TOTAL

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

THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
IN BASIN 35 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
RIGHTS IN BASIN 35:

WATER RIGHT NO.	SOURCE
NONE	NONE

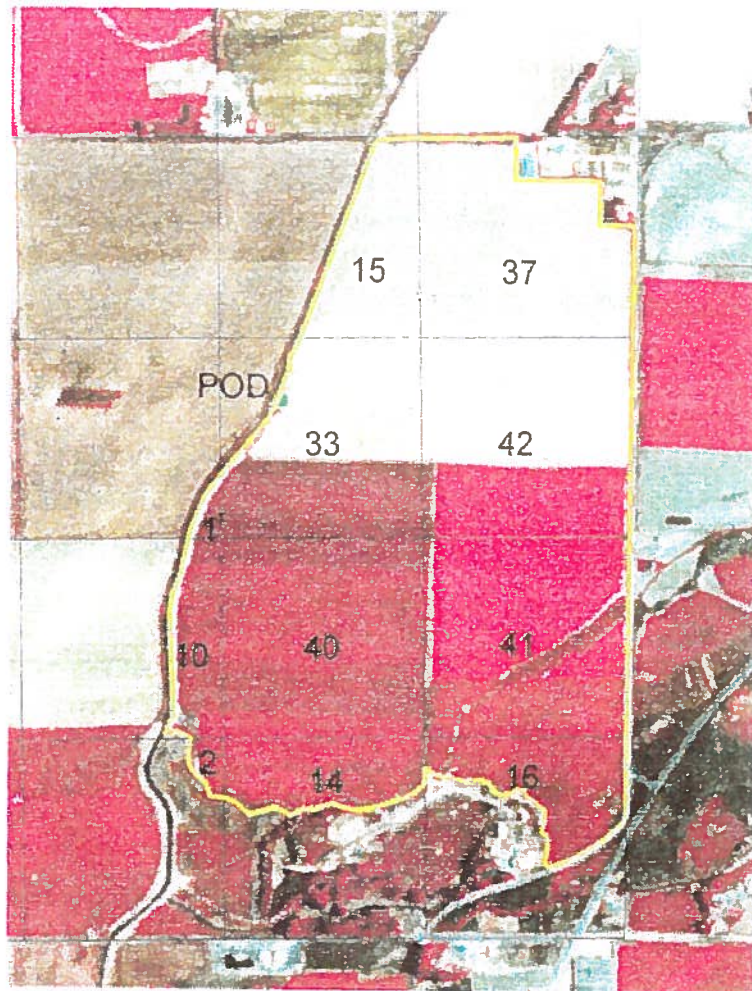
THE FOLLOWING WATER RIGHTS FROM THE FOLLOWING SOURCES OF WATER
IN BASIN 35 SHALL BE ADMINISTERED SEPARATELY FROM ALL OTHER WATER
RIGHTS IN THE SNAKE RIVER BASIN:

WATER RIGHT NO.	SOURCE
NONE	NONE

ALL WATER RIGHTS WITHIN BASIN 35 ARE FROM CONNECTED SOURCES
OF WATER IN THE SNAKE RIVER BASIN AND SHALL BE ADMINISTERED
CONJUNCTIVELY.

EXPLANATORY MATERIAL: BASIS OF CLAIM - LICENSE
USE OF THIS RIGHT IS COMBINED WITH WATER FROM
ABERDEEN SPRINGFIELD CANAL CO.

35-02167F

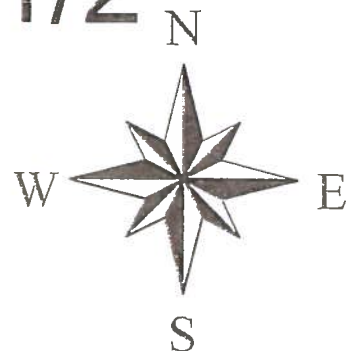


600 0 600 1200 1800 2400 3000 3600 4200 4800 Feet



T06S R30E S36 E1/2

Map prepared by: Carter Fritschle
Date prepared: 04/21/98
1987-1988 NAPP photography
Total recommended acres: 251





AJ0749NP
No. R35-02167F

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

DATE: 11/26/93
PAGE: 1

OWNER
CODE NAME & ADDRESS

PRIORITY
DATE

WATER USE

USE PERIOD
FROM TO

DIVERSION
RATE

DIVERSION
VOLUME

C KATHERINE SCHROEDER
PO BOX 17
ABERDEEN ID 83210
(208) 397-5335

04/07/1950 IRRIGATION

04-01 10-31
TOTAL DIVERSION:
CONSUMPTIVE USE:

2.66 CFS
2.66 CFS

1004.0 AFA
~~1004.0 AFA~~
753.0 AFA

C WILLIAM R SCHROEDER
2388 SOUTH MOSER ROAD
AMERICAN FALLS ID 83211
(208) 226-2179

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion: T06S R30E S36

NWSMNE

POWER County

Place of use Legal Description for: IRRIGATION

NENE NUNE SUNE SENE : NENW NWNW SWNW SENW : NESW NWSW SWSW SESW : NESE NWSE SWSW SESE : SUM
T R S : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac :
06S 30E 36 : 01-37 15 33 02-42 : 01 : 10 02 : 03-41 40 14 04-16 : 251.0
TOTAL ACRES 251.0

POU County: POWER

Non-Irrigation Uses: NONE

Conditions of Approval:

E02 - USE OF THIS RIGHT IS COMBINED WITH WATER FROM
- ABERDEEN SPRINGFIELD CANAL CO.

Dates: Exam Made Date: 07/01/1991 Verified Date: 11/26/1993

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

Comments: Date: 11/16/1993 User-ID: KEEN Subject: COPIED FROM REMARKS
THIS RIGHT REPRESENTS A PORTION OF 35-02167

Date: 11/23/1993 User-ID: KEEN Subject: CLAIM REVIEW
FIELD REVIEW BY L. BUSHAW ON 7-1-1991. DESKTOP REVIEW, DRAFT
RECOMMENDATIONS, AND DATA ENTRY BY S.W. KEEN IN NOVEMBER, 1993.

Audit: 11/26/93 KEEN

OK
S.W. Keen
11-26-93

100-041611

SPLIT ANALYSIS FOR 35-02167
Prepared by S.W. Keen
November 26, 1993

The split analysis for licensed right 35-02167 is complicated primarily by the way the splits were claimed. Four portions were claimed in the SRBA: they are A35-02167A, A35-02167B, A35-02167C, and A35-02167D. However, six portions are recommended because A35-02167C is recommended as being split into R35-02167E, R35-02167F, and R35-02167G. The tables on the following pages should provide most of the explanation necessary. However, a few points require additional explanation here.

First, A35-02167A claimed an entire $\frac{1}{4}$ -section that is not being recommended. Therefore, the recommended diversion rate is reduced to 0.02 cfs for the remaining acres. This reduction in rate frees 0.46 cfs to be allocated to A35-02167D and A35-02167C, which overclaimed their prorata shares of the licensed diversion rate. Moreover, A35-02167A underclaimed its prorata share of the licensed diversion rate leaving another 0.06 cfs that can be allocated to A35-02167D and A35-02167C.

In other words, A35-02167C should have claimed 5.33 cfs based on the number of acres claimed. However, because 0.52 cfs is available from A35-02167A, 0.38 cfs of it is recommended to R35-02167C. The remaining 0.15 cfs portion of the 0.52 cfs is recommended to R35-02167D, which claimed 1.98 cfs but should have claimed 1.83 cfs.

Second, because of how the claims were filed, there is no way to even out the diversion rates per acre. For example, R35-02167A is recommended for 0.02 cfs per acre, while R35-02167B is recommended for 0.012 cfs per acre.

Third, R35-02167F, a portion of claim A35-02167C, is recommended to the capacity of its well at the time of licensing instead of to a prorata share of A35-02167C. The reason for this is that it is supplemental to Aberdeen-Springfield Canal Company water and, therefore, should require a smaller rate per acre than R35-02167E and R35-02167G, which have groundwater as their sole source.

Fourth, there are a number of ways one could approach the split of this right. In the following pages the method ultimately used is represented as Alternative I. Three additional alternative methods are also described for comparison purposes.

SPLIT ANALYSIS FOR 35-02167
 ALTERNATIVE I
 Prepared by S.W. Keen
 November 23, 1993

<u>Claim Number</u>	<u>Claimed Rate</u>	<u>Claimed Acres</u>	<u>Claimed Rate/Acre</u>	<u>Rec. Rate</u>	<u>Rec. Acres</u>	<u>Rec. Rate/Acre</u>
A35-02167A	3.60 cfs	320	0.011 cfs/acre	3.14 cfs	157	0.020 cfs/acre
A35-02167B	1.83 cfs	160	0.011 cfs/acre	1.83 cfs	154	0.012 cfs/acre
A35-02167D	1.98 cfs	160	0.012 cfs/acre	1.98 cfs	154	0.013 cfs/acre
A35-02167C	5.76 cfs	466	0.012 cfs/acre			
R35-02167E				2.53 cfs	130	0.019 cfs/acre
R35-02167F				2.66 cfs	251	0.011 cfs/acre
R35-02167G				0.52 cfs =====	27 ===	0.019 cfs/acre =====
				5.71 cfs	408	0.014 cfs/acre
TOTALS	13.17 cfs	1106	0.012 cfs/acre	12.66 cfs	873	0.015 cfs/acre
Licensed	12.66 cfs	1106	0.011 cfs/acre	12.66 cfs	1106	0.011 cfs/acre

This scenario limits R35-02167F to the 2.66 cfs its well produced at the time of licensing. The small rate per acre for R35-02167F is probably okay because it is supplemental to Aberdeen-Springfield Canal Company water. R35-02167A, R35-02167B, and R35-02167D get the rates they claimed, which still results in a fairly low rate/acre for R35-02167B and R35-02167D. However, R35-02167E and R35-02167G get nearly 0.02 cfs/acre. One problem with this scenario is that R35-02167G and R35-02167D, which are served from the same well and system, get greatly disparate rates per acre.

CALCULATIONS RELATING TO THE SPLIT ANALYSIS FOR 35-02167
ALTERNATIVE I
Prepared by S.W. Keen
November 23, 1993

A35-02167A
3.14 cfs = 157 acres * 0.02 cfs/acre

A35-02167B
1.83 cfs = (160 acres/1106 acres) (12.66 cfs)

A35-02167D
1.98 cfs = [(160 ac./1106 ac.) (12.66 cfs)] + (A Portion of 0.52 cfs)

A35-02167C
5.71 cfs = [(466 ac./1106 ac.) (12.66 cfs)] + (A Portion of 0.52 cfs)

R35-02167E
2.53 cfs = [(130 ac./408 ac.) (5.71 cfs)] + [(130 ac./157 ac.) (5.71 cfs - 4.86 cfs)]

R35-02167F
2.66 cfs = Amount produced by this well when first licensed.

R35-02167G
0.52 cfs = [(27 ac./408 ac.) (5.71 cfs)] + [(27 ac./157 ac.) (5.71 cfs - 4.86 cfs)]

CALCULATIONS RELATING TO THE SPLIT ANALYSIS FOR 35-02167

ALTERNATIVE I

Prepared by S.W. Keen

November 23, 1993

The 0.52 cfs used in these calculations comes from the rate claimed in but not recommended to A35-02167A, plus the rate that A35-02167A was underclaimed based on a prorated share of the licensed diversion rate of 12.66 cfs.

$$0.52 \text{ cfs} = (3.60 \text{ cfs} - 3.14 \text{ cfs}) + [(320 \text{ acres}/1106 \text{ acres})(12.66 \text{ cfs}) - (3.60 \text{ cfs})]$$

Because A35-02167D and A35-02167C have claimed more than their prorated shares of the licensed diversion rate, I divided the 0.52 cfs between them to make the total recommended diversion rate equal the licensed diversion rate. A slightly higher proportional share of the 0.52 cfs is allotted to A35-02167D because it brings the recommendation up to the claimed rate and because it needs the diversion rate per acre more than R35-02167E and R35-02167G needs it.

The 4.86 cfs used above is that portion of the 5.71 cfs allotted to A35-02167C comprised of the prorated shares for R35-02167E and R35-02167G and the 2.66 cfs for R35-02167F.

$$4.66 \text{ cfs} = [(157 \text{ ac.}/408 \text{ ac.})(5.71 \text{ cfs})] + 2.66 \text{ cfs}$$

DIVERSION RATES COMPARED TO PUMP CAPACITIES
Prepared by S.W. Keen
November 26, 1993

<u>Claim Number</u>	<u>Rec. Acres</u>	<u>Pump Capacity</u>	<u>Rec. Rate</u>	<u>Rec. Rate/Acre</u>
R35-02167A	157	3.34 cfs	3.14 cfs	0.020 cfs
R35-02167B	154	3.10 cfs	1.83 cfs	0.012 cfs
R35-02167D	154	4.00 cfs*	1.98 cfs	0.013 cfs
R35-02167E	130	2.96 cfs	2.53 cfs	0.019 cfs
R35-02167F	251	3.92 cfs	2.66 cfs	0.011 cfs
R35-02167G	27	4.00 cfs*	0.52 cfs	0.019 cfs

* Same well

A35-02167C does not appear because it was split into R35-02167E, R35-02167F, and R35-02167G.

SPLIT ANALYSIS FOR 35-02167
Prepared by S.W. Keen
November 23, 1993

Claim Number	Claimed Rate	Claimed Acres	Claimed Rate/Acre	Rec. Rate	Rec. Acres	Rec. Rate/Acre
A35-02167A	3.60 cfs	320	0.011 cfs/acre	3.09 cfs	157	0.020 cfs/acre
A35-02167B	1.83 cfs	160	0.011 cfs/acre	1.83 cfs	154	0.012 cfs/acre
A35-02167D	1.98 cfs	160	0.012 cfs/acre	1.98 cfs	154	0.013 cfs/acre
A35-02167C	5.76 cfs	466	0.012 cfs/acre			
R35-02167E				2.57 cfs	130	0.020 cfs/acre
R35-02167F				2.66 cfs	251	0.011 cfs/acre
R35-02167G				0.53 cfs =====	27 ===	0.020 cfs/acre =====
				5.76 cfs	408	0.014 cfs/acre
TOTALS	13.17 cfs	1106	0.012 cfs/acre	12.66 cfs	873	0.015 cfs/acre
Licensed	12.66 cfs	1106	0.011 cfs/acre	12.66 cfs	1106	0.011 cfs/acre

This scenario limits R35-02167F to the 2.66 cfs its well produced at the time of licensing. The small rate per acre for R35-02167F is probably okay because it is supplemental to Aberdeen-Springfield Canal Company water. This scenario also gives R35-2167B, R35-02167C, and R35-02167D the rates they claimed, which still results in a fairly low rate/acre for R35-02167B and R35-02167D. However, R35-02167A, R35-02167E, and R35-02167G get nearly 0.02 cfs/acre. One problem with this scenario is that R35-02167G and R35-02167D, which are served from the same well and system, get greatly disparate rates per acre.

SPLIT ANALYSIS FOR 35-02167
Prepared by S.W. Keen
November 23, 1993

<u>Claim Number</u>	<u>Claimed Rate</u>	<u>Claimed Acres</u>	<u>Claimed Rate/Acre</u>	<u>Rec. Rate</u>	<u>Rec. Acres</u>	<u>Rec. Rate/Acre</u>
A35-02167A	3.60 cfs	320	0.011 cfs/acre	2.27 cfs	157	0.015 cfs/acre
A35-02167B	1.83 cfs	160	0.011 cfs/acre	2.23 cfs	154	0.015 cfs/acre
A35-02167D	1.98 cfs	160	0.012 cfs/acre	2.23 cfs	154	0.015 cfs/acre
A35-02167C	5.76 cfs	466	0.012 cfs/acre			
R35-02167E				1.89 cfs	130	0.015 cfs/acre
R35-02167F				3.65 cfs	251	0.015 cfs/acre
R35-02167G				0.39 cfs	27	0.015 cfs/acre
				=====	===	=====
				5.93 cfs	408	0.015 cfs/acre
TOTALS	13.17 cfs	1106	0.012 cfs/acre	12.66 cfs	873	0.015 cfs/acre
Licensed	12.66 cfs	1106	0.011 cfs/acre	12.66 cfs	1106	0.011 cfs/acre

This scenario is probably ideal because it gives each tract a reasonable diversion rate per acre of 0.015 cfs. However, the highlighted diversion rates cannot now be recommended without amended claims.

SPLIT ANALYSIS FOR 35-02167
 Prepared by S.W. Keen
 November 23, 1993

<u>Claim Number</u>	<u>Claimed Rate</u>	<u>Claimed Acres</u>	<u>Claimed Rate/Acre</u>	<u>Rec. Rate</u>	<u>Rec. Acres</u>	<u>Rec. Rate/Acre</u>
A35-02167A	3.60 cfs	320	0.011 cfs/acre	3.14 cfs	157	0.020 cfs/acre
A35-02167B	1.83 cfs	160	0.011 cfs/acre	1.83 cfs	154	0.012 cfs/acre
A35-02167D	1.98 cfs	160	0.012 cfs/acre	1.97 cfs	154	0.013 cfs/acre
A35-02167C	5.76 cfs	466	0.012 cfs/acre			
R35-02167E				1.82 cfs	130	0.014 cfs/acre
R35-02167F				3.52 cfs	251	0.014 cfs/acre
R35-02167G				0.38 cfs =====	27 ===	0.014 cfs/acre =====
				5.72 cfs	408	0.014 cfs/acre
TOTALS	13.17 cfs	1106	0.012 cfs/acre	12.66 cfs	873	0.015 cfs/acre
Licensed	12.66 cfs	1106	0.011 cfs/acre	12.66 cfs	1106	0.011 cfs/acre

This scenario apportions the water based on the claimed number of acres for each split. Then, because A35-02167A is underclaimed and cannot be recommended to the claimed diversion rate anyway, the remaining unallocated portion is divided between A35-02167D and A35-02167C, which were both overclaimed.

DIAGRAM OF THE SPLIT OF 35-02167
Prepared by S.W. Keen
November 23, 1993

<u>LICENSE</u>	<u>CLAIMED SPLITS</u>	<u>RECOMMENDED SPLITS</u>
35-02167	A35-02167A	R35-02167A
	A35-02167B	R35-02167B
	A35-02167C	R35-02167E R35-02167F R35-02167G
	A35-02167D	R35-02167D

CLAIMANT'S NAME: William Schroeder

DATE: 11-15-1993

COUNTY: Power

EMPLOYEE: S.W. Keen

I called Mr. Schroeder today to discuss the place of use for the claims referenced above. He confirmed ~~my~~ my guess that the land west of the canal in the $W\frac{1}{2}$ of the NE $\frac{1}{4}$ of S 36, T6S, R30, is watered from the well in the NW $\frac{1}{4}$ and not from the claimed wells on A35-02167C.

I explained the filing problem as best I could over the phone. The problem is that the land described above needs a new claim or an amended claim showing the appropriate well in order to be recommended in the SRBA. Mr. Schroeder explained that the filing was done the way it is because his mother owns the NE $\frac{1}{4}$, while he owns the NW $\frac{1}{4}$ and farms part of his mother's land.

I agreed to send Mr. Schroeder a letter explaining the problem and detailing some possible solutions.

A35-02167C

[illegible]

36

NA

See

R35-02167F
T6S, R30E, S36

SW Keen
11-23-93



Scale = $\frac{1}{7920}$

T-1059

4-
34.9

5-
33.2

10

#335

40

Clarence Schroeder

Well
33

Lot 1
37

Lot 2
42

Lot 3
41

Lot 4
41

7-
17.2

36

8-
35.26

HE 10-
1.1

14

HE 11-
77.5

16

HE 12-
66.6

Valley Rd. 2

T-2380

T-2381

#1079

Robert Schroeder

NAPP 16077-385
1987

#1079

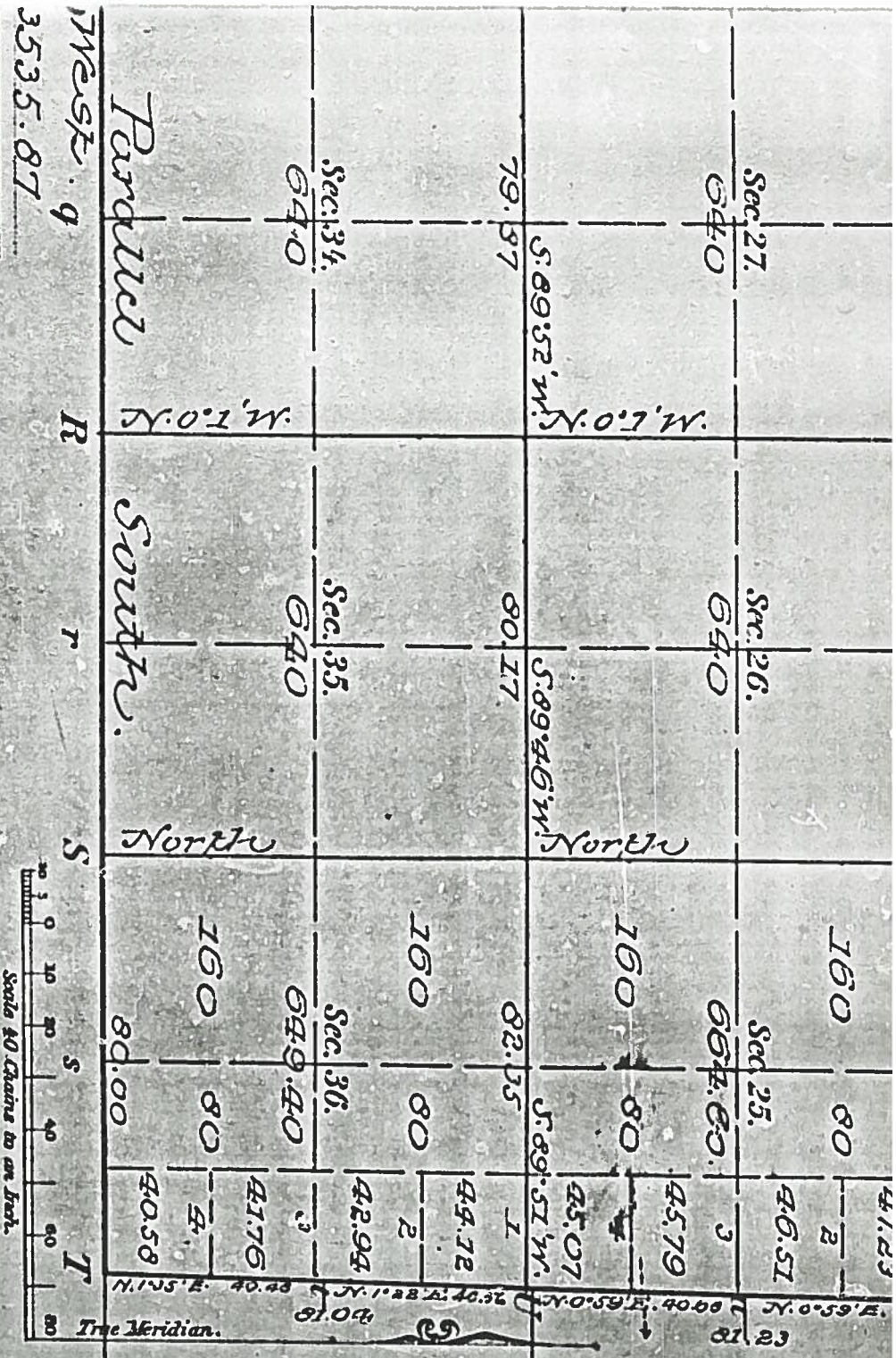
5-
14.0

T-2391

Virgil
Jahnke

#133

Bald



Accepted by letter "E",

The above copy of Township No. 6 South, of Range No. 30 East of the Boise Meridian, Idaho, is strictly conformable to the notes of the survey filed in this Office, which have been examined and approved by me.

Surveyor General's Office,
Boise City, Idaho,
January 12, 1895.

Joseph L. Otterstrom,
Surveyor General for I.

T6S, R30E, S36 R35-02167F

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A35-02167C

LAST: SCHROEDER
ADDRESS: PO BOX 17
CITY: HARRISON
PHONE NUMBER: 208-287-5335
OWNER CODE: 0
FIRST: KATHLENE
STATE: ID ZIP: 83210

LAST: SCHROEDER
ADDRESS: 233 SOUTH NOBLE BLVD
CITY: HARRISON, ID
PHONE NUMBER: 208-287-2137
OWNER CODE: 0
FIRST: WILLIAM
STATE: ID ZIP: 83211

LAST: SCHROEDER
ADDRESS: 4001 S. 4TH AVE.
CITY: BOISE, ID
PHONE NUMBER: 208-333-0000
OWNER CODE: 0
FIRST: ARTHUR
STATE: ID ZIP: 83211

FILED EXAM REQUEST
VERIFICATION REQUESTED BY: 12 0209353
CLAIM REMARKS: THIS CLAIM REPRESENTS A PORTION OF 35-02167
DATE: 10/11/91
TIME: 13:11:03
FILED: 10/11/91
BY: 10/11/91

This claim is being split.

status = Z

Remarks = See nos. 35-02167E, 35-02167F, and 35-02167G.

S.M. Koon
11-26-93

CONTACT PERSON: Katherine Schroeder

PHONE NUMBER: () - -

DATE OF FIELD EXAM: 7/1/91

APPROXIMATE HOURS: Y() A() P()

ACCOMPANIED BY: William Schroeder

PHONE NUMBER: () - -

RELATIONSHIP TO SUBJECT: Son

DIRECTION TO PROPERTY / RESIDENCE:

On ~~7-1-91~~ 7-1-91 L. Buehler of IDWR conducted a field investigation of A35-12796 ~~which~~ which overlaps this claim. The field report, photos, etc. are in the files for the various portions (E, F, + G) of this recommendation.

1. NO CLAIM # A35-02157C PRIORITY DATE: 04-07-1930 STAGE: 1

2. NO RECORD # 35-02157 PRIORITY DATE: 04-07-1930 STAGE: 1

3. FIELD DATA CONCERN: FIELD EXAMINER

DATE TO PRIORITY DATE DISCREPANCY (Y/N) 4

ARE THERE ANY OTHER REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y() NO (X)

REMARKS: Claimed as licensed; no record as claimed.

RECOMMEND TO PRIORITY DATE: 35-07-1930

REVIEWED BY S.W. Kaen DATE 9-23-93

REF ID:	TITLE	DATE	TIME	LOCATION
A-100	...	...	...	...

ENTER ON CLARK'S WITH SERIAL NO. 400
1. PREFIX 4. PREFIX
435-12795 47002
433-02157 47003

70635

[illegible]

OTHER IN RECORDS WITH 1991 OR PRIOR
 44-38861-10454-49 ACQUISITION
 A PREFIX A PREFIX

55-000000	45-12777	NAME
	45-12775	
	45-11511	
	45-22157A	

77

	DATE	FIELD	EXTENSION
USE TO PROTECT PRIVACY:	(X/N)	Y	
DO NOT SELECT IF SCRAPING?	(N/A)	Y	

5 p/ds = 5 wells

REMARKS:

Claimed P/D's match text of the 5 licensed P/D's.
 The recommendation is being split into 3 parts (E, F, + G) because the second split the claimed P/D. The three portions are each served by a different well (see the field reviews by L. Budaur in this file and file A35-02167 D). The 10-acre location are taken from L. Budaur's maps.

RECOMMENDED POINT(S) OF DIVERSION AND TOWN	174	174	174	LOT	COUNTY
174. RSL. 35.					
65 30E 36	SE	NW	SW		Bingham = E
65 30E 36	NW	SW	NE		Bingham = F
65 30E 36	SW	NE	NW		Bingham = G
SUBJECT'S SUBDIVISION					
REVIEWED BY: S.W. Ken					
DATE: 11-23-93					



G shows a well with R35-02167 D. Please remake FOS.

4. Roof and Siding Work

435-615711
435-615713

255-024573

44-38861-1015

451-62167D

11-1-17-97

2. PU LISTS

TWP AND SEC	RANGE	TOWNSHIP	NORTH
	#ACRES	DATA	EXACT ACRES

[illegible][illegible][illegible][illegible]

End of Road

42 F

001-32058H/40.0
35-02157 /40.0

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

001-32058H/40.0
35-02157 /40.0
39.3
28 W of Canal
10 E of Canal
28 E
10 F

33	40835000	WILLIAM ?	A35-12304	/	-	/	
34	40835000	WILLIAM ?	A01-3205461/73.0	-	-	/	
35	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
36	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
37	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
38	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
39	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
40	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
41	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
42	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
43	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
44	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
45	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
46	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
47	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
48	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
49	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
50	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	

51	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
52	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
53	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
54	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
55	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
56	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
57	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
58	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
59	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
60	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
61	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
62	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
63	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
64	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
65	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
66	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
67	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
68	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
69	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	
70	40835000	WILLIAM ?	A01-3205321/73.0	-	-	/	

ARE ILLUSTRATED ABOVE FLOW IN TOPICS OTHER THAN INDICATED ABOVE, YES (Y) NO (N) ;

IF YES SEE ATTACHED SHEET: ☒

2. FIELD DATA (CONT'D)	DATE	EXAMINER	FIELD
DOE TO DO DISSEMINATION? (Y/N)	Y		
408			408
408			408

REMARKS:

Found only 408 areas of irrigation using L. Buehler's field maps, ASCS photos, NAPP photos, and templates for measuring. Both E, F, or G indicate which split gets which area. For split by canal.

See attached overlap analysis + maps in this file.

RECOMMENDATIONS:

E = 130
F = 251
G = 27 } 408

APPROVED BY: S.W. Ken DATE: 11-23-93

A. AD CLAIMED DATES:

PAYPER'S
A35-02167C FILLATION

DATE/END
09-01 04-01 TO 11-01

TOTAL FILLATION (AT/AT/END DATE)

DIVERSION QUANTITY
5.760 CFS
5.750 CFS

B. WR RECEIVED DATES:

PAYPER'S
55-02167C FILLATION
35-02167C FILLATION

DATE/END
09-01 04-01 TO 11-01

TOTAL FILLATION (AT/AT/END DATE)

DIVERSION QUANTITY
12.660 CFS
12.660 CFS
1.500 CFS

PRESUMPTION LOSS:

C. FILLER CLAIM (02/01/02)

DATE TO DATE-USE CLAIM/DATE	(Y/N)	ESTIMATE EXPLANATION
DATE TO DATE-USE CLAIM/DATE	(Y/N)	
DATE TO DATE-USE CLAIM/DATE	(Y/N)	
DATE TO DATE-USE CLAIM/DATE	(Y/N)	
DATE TO DATE-USE CLAIM/DATE	(Y/N)	

D. PERIOD OF DATE:

ACCORDING TO AD CLAIMED?
DATE/END TO WR RECEIVED DATE/END DATE?

Y () N ()
Y () N () EXPLAIN IN REMARKS, BELOW.

REMARKS:

IDWR standard for irrigation in this area is 4-1 to 10-31.

A. DOES DIVERSION RATE CLAIMED CORRELATE WITH EXISTING RECORDS?

AS TOTAL CLAIMED DIVERSION RATE: 5.750 CFS
AS TOTAL EXISTING DIVERSION RATE: 5.500 CFS

IF NO, OR IF STATISTICAL DATA AT PRESENTED USE THEN FIELD MEASUREMENT REQUIRED. ☒ YES
IF YES, AN ACCOUNT SHOULD BE TAKEN FOR ORIGINAL DIVERSION RATE IS ☒ NO
AS CLAIMED AND AS EXISTING IS NOT REQUIRED, EXPLAIN IN REMARKS. ☒

FIELD MEASUREMENT REQUIRED

DOES TO STATE OR DIVERSION RATE DISCREPANCY (Y/N)?

DATE/DATE EXAMINED

Measurements made by L. Butler
7-1-91

B.

FIELD MEASUREMENT

MEASUREMENT METHOD

SEE ATTACHED CALCULATIONS.

C. ARE OTHER WATER RIGHTS ISSUED (Y/N) IF YES COMPLETE MEASUREMENT REQUIRED.

DIVERSION RIGHTS CLAIMED IN CLAIM: 85-12161C

LIST ALL RIGHTS WITH A SAME OWN AND INFORMATION USAGES:

CLAIM	OWNER	DATE	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
85-02137C	SCARROCK, KATHERINE	5.750	0.012			
85-12173	SCARROCK, KATHERINE	3.560	0.007			
85-0003621	LARGE CLAIM	9999.990	0.420			
85-0027121	LARGE CLAIM	9999.990	0.420			
85-025321	LARGE CLAIM	9999.990	0.420			
85-0424321	LARGE CLAIM	9999.990	0.420			
85-020321	LARGE CLAIM	9999.990	0.420			
85-020361	LARGE CLAIM	9999.990	0.420			

LIST ALL RIGHTS WITH SAME OWN NOT USED FOR DIVERSION.

CLAIM NO.	OWNER	DATE	DIV. RATE	DIV. VOL.	DIV. VOL./ACRE
85-12101	SCARROCK, KATHERINE	5.750	0.012		
85-12101	SCARROCK, KATHERINE	3.560	0.007		
85-12101	LARGE CLAIM	9999.990	0.420		
85-12101	LARGE CLAIM	9999.990	0.420		
85-12101	LARGE CLAIM	9999.990	0.420		
85-12101	LARGE CLAIM	9999.990	0.420		
85-12101	LARGE CLAIM	9999.990	0.420		
85-12101	LARGE CLAIM	9999.990	0.420		
85-12101	LARGE CLAIM	9999.990	0.420		

5.75 = 12.66 cfs
5.76 is a portion of the claimed rate.
5.71 cfs is being recommended for the three portions of the claim is being split into. See the split analysis in this file for an explanation.

$$E = 1.887 \text{ cfs}$$

$$F = 3.52 \text{ cfs}$$

$$G = 0.34 \text{ cfs}$$

S. W. Koon

U-26-93

The overlapping beneficial use claim is being disallowed because it is for the same land, not more land, and for more water, and the claimant has not shown that it began to the benefit requirement for groundwater diversion.

0.

2011/VOLUME CALCULATIONS: (IRRIGATION)

1B. CALCULATIONS

1A. IRRIGATION RATE
ACRES 408 X 1.00 GCS/ACRE = 408 GCS
(TABLE FOR P/O REFERENCE)

0.00 GCS/ACRE DIVIDED BY 0.00 GCS/ACRE = VC() W() W()

0.00 IF YES ADDITIONAL WATER USE FROM FIELD AND ATTACHED? VC() W() W()

2. IRRIGATION CONSUMPTION USE
CLAIMED CONSUMPTION USE = 1000.0 AF/A

ACRES 408 X CONSUMPTIVE VOL. AF/A FOR AREA 3 =

TOTAL CONSUMPTIVE USE 1224 AF/A

3. IRRIGATION DIVIDED VOLUME

CLAIMED CONSUMPTION USE 1000.0 AF/A

ACRES 408 X DIMENSION VOL. AF/A FOR AREA 4 =

TOTAL DIVISION VOLUME 1632 AF/A

4. CALCULATION FOR GCS OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? VC() W() W()

REMARKS: (INCLUDE LIMITATIONS ON CONSUMPTIVE USE FOR COMBINED RESULTS.)

	Div. Vol.	du Vol.	Acres
E	520	390	130
F	1004	753	251
G	108	81	27
	1632	1224	408

RECOMMENDATION:

REC. PERIOD
2015-01-01 TO 2015-03-31

REC. PERIOD
2015-01-01 TO 2015-03-31

REC. DIA
DATE OF

REC. DIA
VUL. REF/A

REC. CONS.
USE

DATABASE EXAMINER

DATABASE EXAMINER

DATABASE EXAMINER

Irrigation

4-1 10-31

See pages 10-11 and the split analysis in this file.

TOTAL FOR THIS CASE

S.W. Kern

DATE: 11-23-93

REVIEWED BY:

	E	F	G	
Presumption Flag:	N/A	N/A	N/A	
Condition Codes:	N/A	E02	N/A	
Remarks:	None	None	None	

OWNERSHIP
FOR-CLT/ANNUAL
ADDITIONAL DIV. JUNI

ACCEPTED
NEEDS
5/11/74

COSI HATE'S NUBB	H44762	55-0-2197
DATUMBASE		E644FME6
TOTL DIVESTED RATE 94-93	POETS	1.500
		CF5

2025 RELEASE NUMBER	CURRENT CLAIM NUMBER	STANDARD RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	HR RIGHT NUMBERS	DIVERSION RATE
-	A35-02157A	3.500	-	-	-	-
-	A35-02157B	1.500	-	-	-	-
A35-02157	A35-02157C	5.750	-	-	35-02167	1.500
A35-02157	A35-02157D	1.700	-	-	35-02167	1.500
A35-02157	A35-02157E	1.200	-	-	35-02167	1.500

Time (hr)	1.500
0	0.000
1	0.000
2	0.000
3	0.000
4	0.000
5	0.000
6	0.000
7	0.000
8	0.000
9	0.000
10	0.000
11	0.000
12	0.000
13	0.000
14	0.000
15	0.000
16	0.000
17	0.000
18	0.000
19	0.000
20	0.000
21	0.000
22	0.000
23	0.000
24	0.000
25	0.000
26	0.000
27	0.000
28	0.000
29	0.000
30	0.000
31	0.000
32	0.000
33	0.000
34	0.000
35	0.000
36	0.000
37	0.000
38	0.000
39	0.000
40	0.000
41	0.000
42	0.000
43	0.000
44	0.000
45	0.000
46	0.000
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84	0.000
85	0.000
86	0.000
87	0.000
88	0.000
89	0.000
90	0.000
91	0.000
92	0.000
93	0.000
94	0.000
95	0.000
96	0.000
97	0.000
98	0.000
99	0.000
100	0.000

DO THE SUMS PAGE OF THE SPLITTS EQUAL THE PAYE RIGHT OFS RATE? (Y/N)

JATANE

FIFELD
EXAMINER

See the 3-page split analysis in this file. Silken 11-23-93

[illegible]

NOTIFICATION

SIGNATURE:

Shelley Walter Keen

DATE: 11-23-93

NAME OF FIELD EXAMINER:

Shelley Walter Keen

TITLE: Sr. W.R. Agent

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

R35-02167 F

S.W. Keen
11-23-93

A. GENERAL INFORMATION

Permit No. R35-12796

1. Owner: Katherine Schroeder Phone No. _____

Current Address: (None)

2. Accompanied by: William Schroeder EXAM. DATE: 7-1-91

Address: (None) Phone No. _____

Relationship to Permit Holder: son / partner

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: (yes) 66' depth

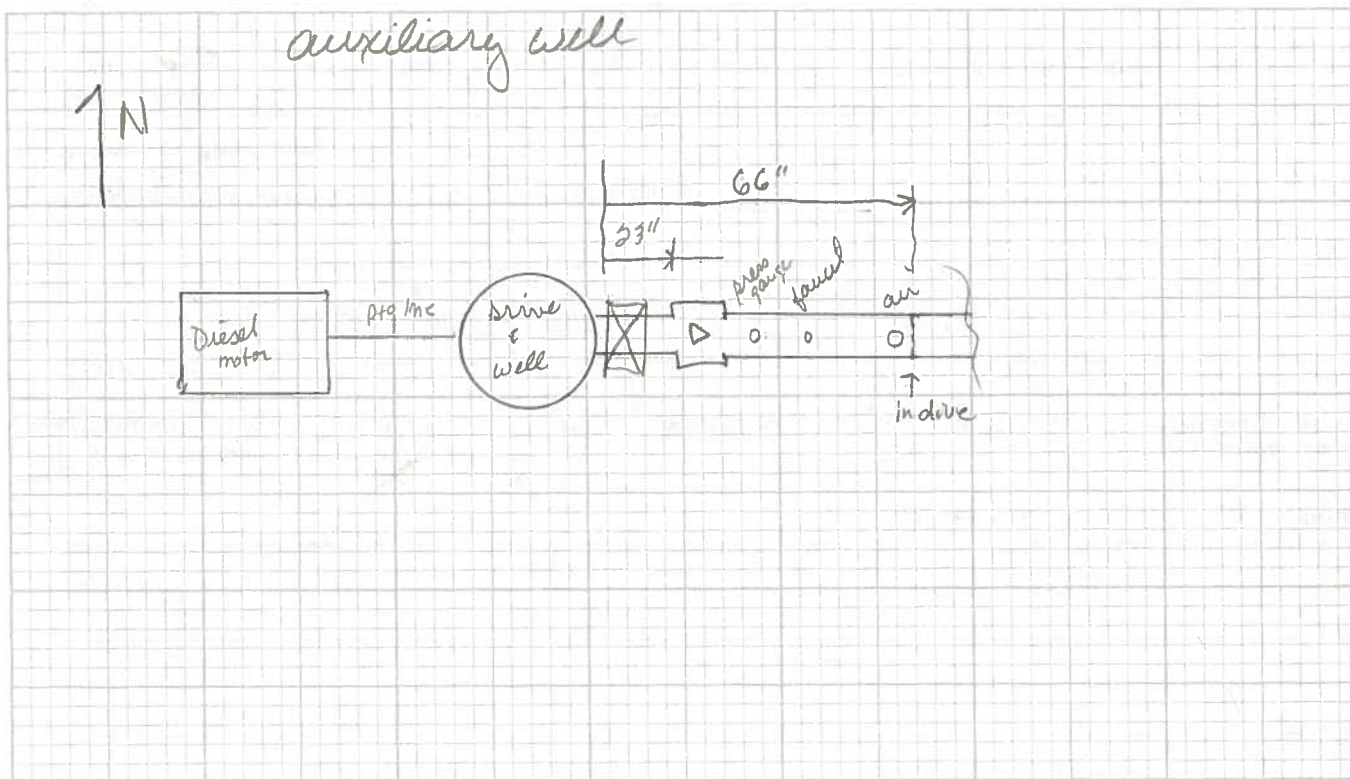
_____ ☐ Copies Attached

2. Other water rights with same point of diversion: _____

_____ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____

2. ☐ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required). ☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).
☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

System Description (continued)

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

well, pump, mainlines to wheel lines - 10 lines w/ 32 birds
 at pump 5.5 gpm nozzle. (1760 gpm) (3.92 cfs)

(80 psi at pump accord to Bill - ends w/ 45 psi at last line)

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
auxiliary well	gear Drive	100 hp		US Hallschaft gear Drive	15" (8981-20-H-129)
	Caterpillar PT6	210 hp	90N26842	(2800 Rpm)	
U	3208			Jayne Turbine	# 24720

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

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks

6. **Place(s) of Use:**

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Well depth probe				FD#		

2. Measurements:

66' - static depth (poss 6' drawdown)

80 psi discharge (accord. to Bill)

100 hp = 2.40 cfs = 1077 cfs/gpm

504 - 2263 gpm

* Holla shaft Gear Drive - 100 hp, 1760 Driver Pump RPM 1:1 ratio

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

Theor. - $10 \times 32 \times 5.5 \text{ gpm} = 1760 \text{ gpm} = 3.92 \text{ cfs}$

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Blank lined paper for writing.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
	Totals:			

2. Recommended Amendments

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

J. AUTHENTICATION

Field Examiner's Name

Signature

Certification Date

Field Report Preparation Date

CONSULTANT SEAL

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

NO
PRT UNIT AI2
YES

START TIME
07-02 15:30

OPERATION TIME
72 HOR

07-02 15:3600 *R
+ 1.445E 3GPM

MODE SELECT
T0 CHECK

0390.9 MMSEC
102.05 % T0

07-02 15:5000 *R
+ 1.254E 3GPM

PRT PERIOD
04 MIN
PRT UNIT GPH
NO

PRT UNIT GPM
YES

PRT UNIT MGD
NO
PRT UNIT FPS
YES

PRT UNIT INTEG
NO

PRT UNIT AI1
NO

PRT UNIT AI2
YES

START TIME
07-02 15:55

OPERATION TIME
72 HOR

07-02 15:5200 *R
+ 1.302E 3GPM

15:55+ 1.321E 3GPM 00R
+ 5.137E 0FPS 00R
+002.00% AI2 00R

R35-02167F

1330.5
gpm
avg

A35-12796

NA





A35-
10796

auxiliary
well

Photos taken by
L. Bushaw of
IDWR on 7-1-91.



This well is at
T6S, R30E, S36,
NWSNE

Now
R35-02167F

S.V. Keen
11-23-93

