

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: A35-02167D
Date Received: 4/02/1990
Receipt No: E012719
Received By: KW

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: WILLIAM R SCHROEDER 208-226-2179
Address: 2308 SOUTH MOSER ROAD
AMERICAN FALLS, ID 83211

OR
Name: ANNE SCHROEDER 208-226-2179
Address: 2388 SOUTH MOSER ROAD
AMERICAN FALLS, ID 83211

2. Date of Priority: APR 07, 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	NE	NW			POWER

5. Description of diverting works:
WELL PUMP 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	11/01	1.980		

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

8. Total consumptive use is 480.0 Acre Feet Per Annum.

9. Non-irrigation uses:
NONE

A35-02167D

Page 1

Date: 04/02/90

MICROFILMED
DEC 10 1992

A3502167D

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
06S	30E	36	NE		NW		IRR	40.0
			NW		NW		IRR	40.0
			SW		NW		IRR	40.0
			SE		NW		IRR	40.0
							Section Acres	160.0
							Total Acres	160.0

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:
A35-12797

14. Remarks:
THIS RIGHT REPRESENTS A PORTION OF 35-02167

15. Basis of Claim: LICENSE
Water Right Number: 21449

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): William B. Schroeder Date: 4-2-90

Date: _____

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 2nd day
of April 19 90 Valleen Wray
Notary Public

Seal

Residing at Idaho Falls
My Commission Expires 5/29/1991

310 000 FE

45

R. 30 E. R. 34~~5~~.

310 000 FE



November 20, 1998

NOTICE OF ERROR
REPLY

RECEIVED

DEC 24 1998

Department of Water Resource
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: 35-02167D

WILLIAM R SCHROEDER
ANNE 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:

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

DATE: 12-16-98 SIGNATURE: William Schroeder
Please print your name: William Schroeder

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

A35-10797

NHEL
5-77.9

A35-02167 D
Field Map of L. Bushaw
7-1-93

T-980

35
Clarence
Schroeder

PC

N

1-74.7

N

2-72.9

NHEL

NHEL

51.8

T-285

N

1-33.7

NHEL

2-39.0

NHEL

1-21.9

NHEL

2-40.2

NHEL

3-94.5

NHEL

3-41.3

N

4-66.5

NHEL

5-10.0

T6 S R30 E

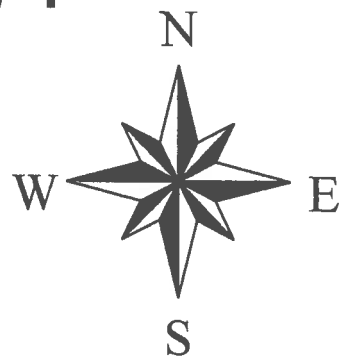
35-02167D



500 0 500 1000 1500 2000 2500 Feet

T06S R30E S36 NW1/4

Map prepared by: Carter Fritschle
Date prepared: 04/21/98
1987-1988 NAPP photography
Total recommended acres: 154



AJ0749NP
No. R35-02167D

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	WILLIAM R SCHROEDER	04/07/1950	IRRIGATION	04-01 10-31	1.98 CFS	616.0 AFA
C	ANNE SCHROEDER					
	2388 SOUTH MOSER ROAD					
	AMERICAN FALLS ID 83211					
	(208) 226-2179					
				TOTAL DIVERSION:	1.98 CFS	616.0 AFA
				CONSUMPTIVE USE:		462.0 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion:

T06S R30E S36

SHNENW

POWER County

Place of use Legal Description for: IRRIGATION

	NE	NW	SW	SE	SUM
T R S	lt Ac	lt Ac	lt Ac	lt Ac	lt Ac
06S 30E 36	:	39	38	39	38
	:				
TOTAL ACRES	:				154.0

POU County: POWER

Non-Irrigation Uses: NONE

Remarks: RIGHT NO. 35-02167G IS ALSO DIVERTED THROUGH THE POINT OF
DIVERSION DESCRIBED ABOVE.

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

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

Comments: Date: 11/15/1993 User-ID: KEEN Subject: COPIED FROM REMARKS
THIS RIGHT REPRESENTS A PORTION OF 35-02167

Date: 11/15/1993 User-ID: KEEN Subject: CLAIM REVIEW
FIELD REVIEW BY L. BUSHAM IN CONJUNCTION WITH A35-12797 ON
7-1-1991. DRAFT RECOMMENDATIONS AND DATA ENTRY BY S.W. KEEN ON
11-15-1993.

Audit: 11/26/93 KEEN

OK
S.W. Keen
11-26-93

deleted
CA 7-27-98



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

November 26, 1993

William Schroeder
2388 South Moser
American Falls, ID 83211

RE: Snake River Basin Adjudication (SRBA)
Power County - A35-02167C and R35-02167G

Dear Mr. Schroeder:

Thank you for taking my call on November 15, 1993.

As you may remember, we discussed the irrigation of a tract of land west of the Highline Canal in the NE $\frac{1}{4}$ of S36, T6S, R30E. You confirmed for me that the tract is irrigated from the same well that irrigates the NW $\frac{1}{4}$ of S36.

In drafting recommendations to the SRBA court for decree of your water right claims, I have created a split of claim A35-02167C showing the well in the NW $\frac{1}{4}$ of S36 as the point of diversion for the tract described above. The number for the new split is R35-02167G.

Proposed recommendations for your water right claims in the SRBA should be mailed to you by IDWR within the next few months.

If you have any questions, please contact me as soon as possible at 327-7934 in Boise.

Sincerely,

Shelley Walter Keen
Senior Water Resource Agent

SWK:region

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

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	3.14 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

$$\frac{A35-02167A}{3.14 \text{ cfs}} = 157 \text{ acres} * 0.02 \text{ cfs/acre}$$

$$\frac{A35-02167B}{1.83 \text{ cfs}} = (160 \text{ acres}/1106 \text{ acres}) (12.66 \text{ cfs})$$

$$\frac{A35-02167D}{1.98 \text{ cfs}} = [(160 \text{ ac.}/1106 \text{ ac.}) (12.66 \text{ cfs})] + (A \text{ Portion of } 0.52 \text{ cfs})$$

$$\frac{A35-02167C}{5.71 \text{ cfs}} = [(466 \text{ ac.}/1106 \text{ ac.}) (12.66 \text{ cfs})] + (A \text{ Portion of } 0.52 \text{ cfs})$$

$$\frac{R35-02167E}{2.53 \text{ cfs}} = [(130 \text{ ac.}/408 \text{ ac.}) (5.71 \text{ cfs})] + [(130 \text{ ac.}/157 \text{ ac.}) (5.71 \text{ cfs} - 4.86 \text{ cfs})]$$

$$\frac{R35-02167F}{2.66 \text{ cfs}} = \text{Amount produced by this well when first licensed.}$$

$$\frac{R35-02167G}{0.52 \text{ cfs}} = [(27 \text{ ac.}/408 \text{ ac.}) (5.71 \text{ cfs})] + [(27 \text{ ac.}/157 \text{ ac.}) (5.71 \text{ cfs} - 4.86 \text{ cfs})]$$

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

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	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 S36, 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.

MR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE			S.W. Keen 9-23-93	No	6	S.W. Keen 11-15-93	S.W. Keen 11-15-93	S.W. Keen 11-16-93
POINT OF JTW	Y		7-1-91 L. Bushaw	Yes	5			
SOURCE				No	5			
PLACE OF USE	Y			Yes	542			
DIV. AMOUNT CF3/VOLUME	Y			Yes	5			
CONSUMPTIVE USE	-		S.W. Keen 11-15-93	Yes	6			
PURPOSES	Y			No	6			
PERIOD OF USE	Y			Yes	6			
BASIS OF CLAIM	Y			No	6			
REMARKS	Y			Yes	6			

VERIFIED BY CODES

TOPD MAP/DRT40-PQ = 1
ASC5 MAP = 2
MASTER RECORDS = 3
NAPP PLOTS = 4
FIELD EXAM = 5
OTHER (SEE REMARKS) = 6

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

AUTHENTICATION:

SIGNATURE:

Shelley Walter Keen

DATE:

11-15-93

NAME OF FIELD EXAMINER:

Shelley Walter Keen

TITLE:

Sr. W.R. Agent

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FORFEIT/A BANDON
ADDITIONAL DIV. AMOUNT

ACCEPTED
AS CLAIMED
()
()
()
()
()
()

NEEDS
REVIEW
()
()
()
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 35-02167

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
1.500

EXAMINER

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A35-02167A	3.600	-	-	-	-
-	A35-02167B	1.930	-	-	35-02167	1.500
A35-02167	A35-02167C	5.760	-	-	35-02167	1.500
A35-02167	A35-02167D	1.980	-	-	35-02167	1.500
A35-02167	A35-12797	1.220	-	-	35-02167	1.500

TOTAL CFS 14.390

1.500

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, IS THE WRITTEN REVIEW SHEET ATTACHED? (Y/N)

DATABASE
N

FIELD
EXAMINER

REMARKS:

See attached Split Review.

RECOMMENDATIONS:

REC.
PURPOSES :

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

DATABASE EXAMINER

DATABASE EXAMINER

DATABASE EXAMINER

Irrigation

4-1 10-31

~~1.98~~ 1.98

616

462

TOTAL FOR THIS RIGHT

~~1.98~~

616

462

REVIEWED BY:

S.W. Keen

DATE: 11-15-93

Presumptive Flag = None

Condition Codes = None

Remarks = FOS - 35-621676

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1A. IRRIGATION RATE

ACRES 154 X 0.02 CFS/ACRE = 3.08 CFS
 (TAKEN FROM P/U REVIEW)

1B. CALCULATIONS

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE?

Y() N(☒)

*** IF YES ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 430.0 AF/A

ACRES 154 X CONSUMPTIVE VOL. AF/A FOR AREA 3 =TOTAL CONSUMPTIVE USE 462.0 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES 154 X DIVERSION VOL. AF/A FOR AREA 4 =TOTAL DIVERSION VOLUME 616.0 AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N(☒)

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

1.83 cfs = 160 acres 1106 acres X 12.66 cfs.

160 acres = ~~claimed~~ . 1106 acres and

12.66 cfs are the numbers originally licensed.

~~1.83 cfs~~ X 214 days X 1.98 = ~~783.9~~ AFY $\Rightarrow$ diversion rate can recommend the volume recommended.
 1.98 838.9

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y() N()

✓

AJ TOTAL CLAIMED DIVERSION RATE: 1.380 CFS
HR ROOT RIGHT TOTAL DIVERSION RATE: 1.530 CFS

*** IF NO OR IF STATUTORY CLAIM OR BENEFICIAL USE THEN FLOW MEASUREMENT REQUIRED. ***
** IF AN AMOUNT SMALLER THAN THE ORIGINAL DIVERSION RATE IS **
** CLAIMED AND AN EXAM IS NOT REQUIRED, EXPLAIN IN REMARKS. **

See p.5

FLOW MEASUREMENT REQUIRED?

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

Y

FIELD
DATABASE EXAMINED?
h. Busan

B. FLOW MEASUREMENT

MEASUREMENT METHOD Polysonic SEE ATTACHED CALCULATIONS.

C. ARE OTHER WATER RIGHTS USED? Y() N() IF YES COMPLETE OVERLAP? REVIEW.

OTHER RIGHTS LISTED IN CLAIM: A35-12797

LIST ALL RIGHTS WITH A SAME POW AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A35-02157D	GROUNDWATER	SCROEDER, WILLIAM R	1.380	0.012		
A35-12797	GROUNDWATER	SCROEDER, WILLIAM R	1.220	0.007		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A35-12798	DOMESTIC	SCROEDER, WILLIAM R.	FROM 01-01 TO 12-31	0.040 CFS	

A. AS CLAIMED USES:

PURPOSES
A35-02167D IRRIGATION

MONTH/DAY
FROM 04-01 TO 11-01

DIVERSION QUANTITY

1.980 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

1.980 CFS

B. AS RECORDED USES:

PURPOSES
35-02167D IRRIGATION
35-02167D DOMESTIC

MONTH/DAY
FROM FROM TO TO

DIVERSION QUANTITY

12.650 CFS
12.650 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

1.500 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

	FIELD	EXAMINER
DUE TO WATER-USE DISCREPANCY? (Y/N)	Y	---
DUE TO DIVERSION RATE DISCREPANCY? (Y/N)	Y	---
DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N)	Y	---

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO NR STANDARDS OR OTHER?

Y() N()

Y() N()

EXPLAIN IN REMARKS, BELOW.

REMARKS:

IDWR standard is 4-1 to 10-31.

PRESUMPTION FLAG:

REMARKS:

On the ASCS plots, the place of use appears to extend into the W $\frac{1}{2}$ NE $\frac{1}{4}$, S36.

- Recommending the acre in the W $\frac{1}{2}$ NE $\frac{1}{4}$ on R35-02167G.
- Not recommending A35-12797 because of mandatory permit requirement problems.

RECOMMENDATIONS:

TOTAL ACRES: 154.0

REVIEWED BY: S.W. Kean

DATE: 11-15-93

A. ROOT WATER RIGHT NUMBERS:

A35-02157A
A35-02157B

A35-02157C

A35-02157D

A35-12797

B. POJ LISTING

TRP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	4R #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
065	30E	36	NE	NW		SCHROEDER, WILLIAM R	A35-02157D /40.0	-	/	Road	39
			NE	NW		SCHROEDER, WILLIAM R	A35-12797 /40.0	-	/		
			NE	NW		SCHROEDER, ARMY	35-02157 /40.0	-	/		
065	30E	36	N4	NW		SCHROEDER, WILLIAM R	A35-02157D /40.0	-	/	Roads + Farmstead	38
			N4	NW		SCHROEDER, WILLIAM R	A35-12797 /40.0	-	/		
			N4	NW		SCHROEDER, WILLIAM R	A35-12798 /	-	/		
			N4	NW		SCHROEDER, ARMY	35-02157 /40.0	-	/		
065	30E	36	S4	NW		SCHROEDER, WILLIAM R	A35-02157D /40.0	-	/	Road	39
			S4	NW		SCHROEDER, WILLIAM R	A35-12797 /40.0	-	/		
			S4	NW		SCHROEDER, ARMY	35-02157 /40.0	-	/		
065	30E	36	SE	NW		SCHROEDER, WILLIAM R	A35-02157D /40.0	-	/	Road	38
			SE	NW		SCHROEDER, WILLIAM R	A35-12797 /40.0	-	/		
			SE	NW		SCHROEDER, ARMY	35-02157 /40.0	-	/		
TOTAL ACRES						A35-02157D	160.00			154	154

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N ()

SEE THIS PAGE

36 NW NE

32

C. FIELD EXAM REQUIRED?

DUE TO POJ DISCREPANCY? (Y/N)

DATABASE FIELD EXAMINER
Y

36 SW NE

5

181

} Claimed under
A35-02157C

REMARKS:

Claimed P/D matches one of the licensed P/Ds. USGS topograd "American Falls SW" (AAS) shows a well at SWNEW, S36, T6S, R30E. The well on the topograd matches the location of P.D. #2 on the map on the Report of Engineer in the license file for 35-02167. Recommend 10-acre location.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:
THQ. REF. SEC. 1/4 1/4 1/4 LOT COUNTY

LS 30E 36 SW NE NW Power

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY: S.W. Kean

DATE: 9-23-1993

Measurement with polygonic meter 7-1997 area MAX 1877 gpm = 4.19 cfs
AVG 1797 gpm = 4.00 cfs

160 acres claimed x 12.66 cfs licensed = 1.83 cfs is the portion that should have been allotted to this portion
1106 acres licensed

However, 1.98 cfs was claimed, and the water is available because A35-02167A cannot be recommended to the full diversion rate claimed. Therefore, this split can be recommended to 1.98 cfs (see the four split analysis alternatives in this file.)

S.W. Kean
11-26-93

A. AD CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	T.P.	Q.E.	SEC.	1/4	1/4	1/4	LOT	CNTY
A35-02167D	055	30E	36		NE	WH		

MR RECORDS IN SAME 40 ACRE TRACT

OTHER AD CLAIMS WITH SAME AD POD
 1 PREFIX R PREFIX
 A35-12797 NONE
 A35-02167

NONE

CNTY
 POWER
correct

SOURCE: GROUNDWATER

TR13:

B. MR POINT OF DIVERSION AND SOURCE:

RIGHT	T.P.	Q.E.	SEC.	1/4	1/4	1/4	LOT	CNTY
35-02167	055	30E	36		NE	WH		BINGHAM
35-02167	055	30E	36		NW	SH		BINGHAM
35-02167	055	30E	36		SE	NE		BINGHAM
35-02167	055	30E	25		NE	SH		BINGHAM
35-02167	055	30E	25		NH	SH		BINGHAM
35-02167	055	30E	25		SH	SE		BINGHAM
35-02167	055	30E	25		SE	SH		BINGHAM
35-02167	055	30E	25		NE	WH		BINGHAM
35-02167	055	30E	25		NH	WH		BINGHAM
35-02167	055	30E	25		SH	SH		BINGHAM
35-02167	055	30E	25		SE	NH		BINGHAM

One well
One well

OTHER MR RECORDS WITH SAME MR POD

AD CLAIMS IN SAME 40 ACRE TRACT
 1 PREFIX 2 PREFIX

35-08185
 A35-12797 NONE
 A35-12795
 A35-11531
 A35-12167A

SOURCE: GROUNDWATER

TR13:

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY? (Y/N) DATABASE FIELD EXAMINER
 Y
 DUE TO SOURCE DISCREPANCY? (Y/N) N
No
No

A. AJ CLAIM: # A35-02167D PRIORITY DATE: 04-07-1950 STAGE: L
B. MR RECORD: # 35-02167 PRIORITY DATE: 04-07-1950 STAGE: L

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

FIELD
EXAMINER
DATABASE
N

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

REMARKS: Claimed as licensed; recommend as claimed.

RECOMMENDED PRIORITY DATE:

04-07-1950

REVIEWED BY

S.W. Keen

DATE

9-23-93

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A35-32157D

LAST: SCHROEDER FIRST: ARMIN
ADDRESS: AMERICAN FALLS STATE: ID ZIP: 83211
CITY: AMERICAN FALLS
PHONE NUMBER: 208-000-0000
OWNER CODE: 0

LAST: SCHROEDER FIRST: WILLIAM R
ADDRESS: 2308 SOUTH MOSER ROAD STATE: ID ZIP: 83211
CITY: AMERICAN FALLS
PHONE NUMBER: 208-226-2179
OWNER CODE: C

LAST: SCHROEDER FIRST: ANNE
ADDRESS: 2308 SOUTH MOSER ROAD
CITY: AMERICAN FALLS STATE: ID ZIP: 83211
PHONE NUMBER: 208-226-2179

OWNER CODE: C
FIELD EXAM REQUIRED? DATABASE FIELD
VERIFICATION REQUIRED DUE TO REMARKS? Y EXAMINER
CLAIM REMARKS: THIS RIGHT REPRESENTS A PORTION OF 35-02167

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A35-02167D
and
A35-02167G

A. GENERAL INFORMATION

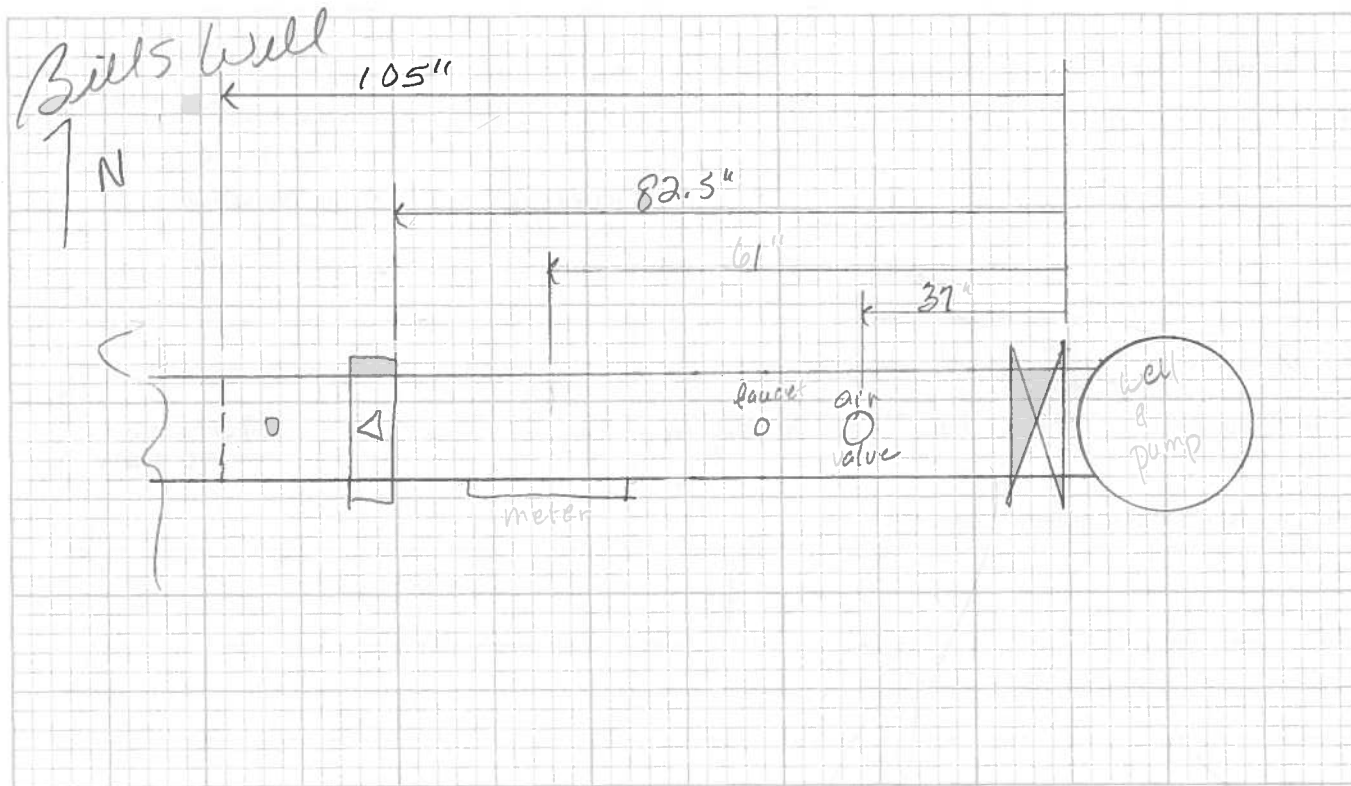
1. Owner: William Schroeder Permit No. A35-10797
Current Address: _____ Phone No. _____
2. Accompanied by: Same EXAM. DATE: 7-1-91
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: _____ ☐ 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 to mainline to wheel lines - 8 wheel + 1 handline
(handline not on at present.) - Birds @ (1 @ 56 + 1 @ 51 + 1 @ 45
+ 5 @ 33) - total 317 @ 6 gpm even flow - (= 1902 gpm = 4.2 c

100' static } (acc'd to Bill)
+ 10' drawdown }

☐ 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
Bills Well	GE	260	00092056	Jacuzzi	10" (2EB-2202)

*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
pressure gauge	in line				1/2"	
flow meter	ultra sonic	Polysonic	TP-2	149743	1/2"	11-

2. Measurements:

93 psi (in-line gauge)

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

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

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 *Jyn Budhaw*

Certification Date 5-22-91

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.

7-2-91
R35-12797
Bills Well

MODE SELECT
INPUT

OUTER DIAMETER
10.8224 N

PIPE MATERIAL
? CS.SS

WALL THICKNESS
.18400 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
8.349 IN U

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 14:40

OPERATION TIME
72 HOR

ZERO MODE
AUT ZERO

00-00 01:1100 *R
+ 1.687E 3GPM

00-00 01:1300 *R
+ 1.796E 3GPM

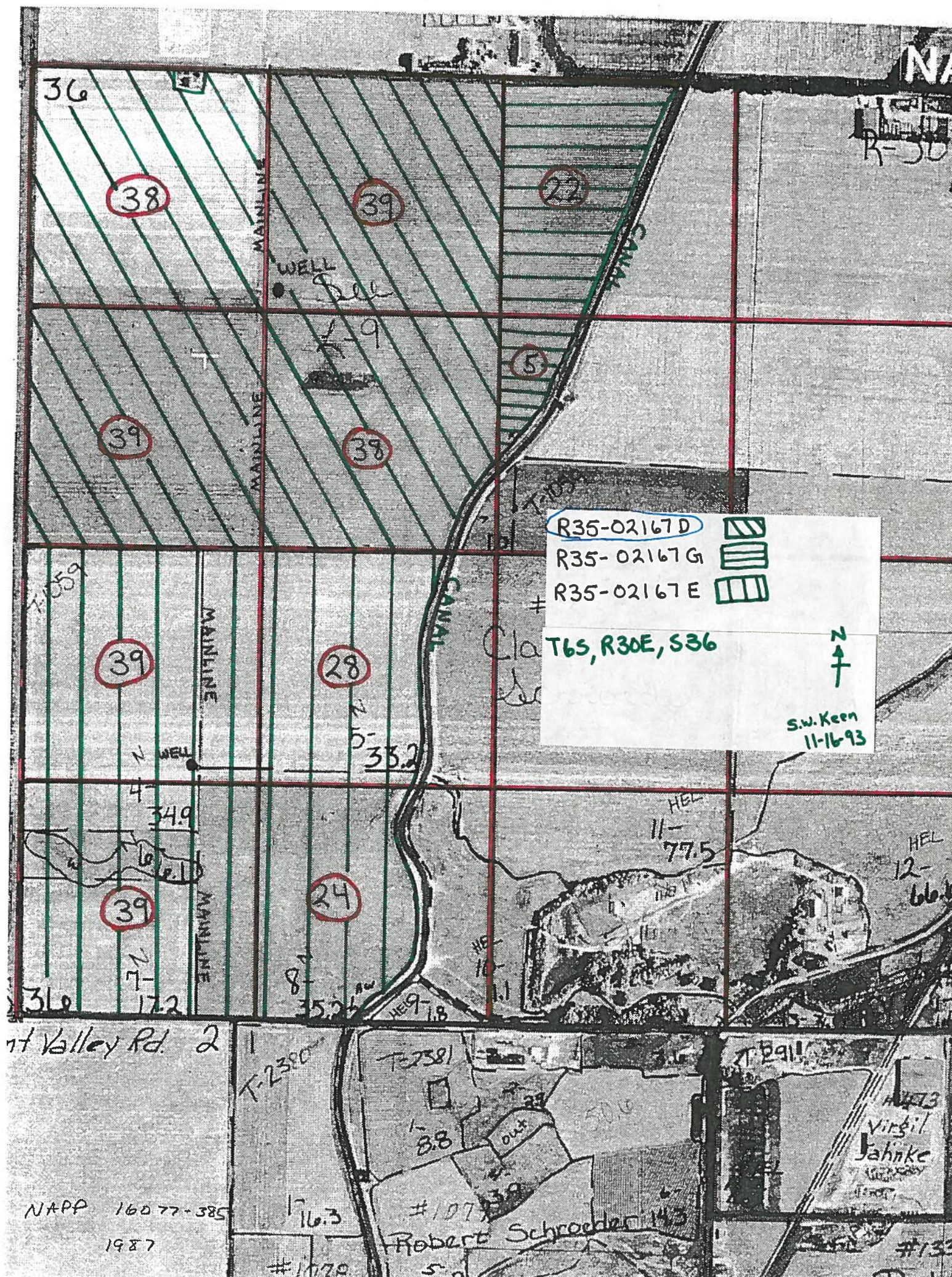
00-00 01:1400 *R
+ 1.877E 3GPM

00-00 01:1600 *R
+ 1.800E 3GPM

00-00 01:1800 *R
+ 1.825E 3GPM

R35-021670

1797.0
gpm
avg



A35-02167 D

~~A35-12777~~



"Bills well"



Photos by L. Bushaw on 7-1-91

State of Idaho

License and Certificate of Water Right

Water License No. 21449

Amount 12.66 c.f.s.

Water District No.

Priority April 7, 1950

THIS IS TO CERTIFY that ARMIN SCHROEDER
of American Falls, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated April 7, 1950; that Permit No. 21449
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
12.66 second feet, was issued thereunder on March 1, 1957, showing that said works
were completed on the 21st day of April, 1955; and that on the 21st
day of August, 1959,

ARMIN SCHROEDER

of American Falls, State of Idaho, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of five wells
, a tributary of subterranean flow, for the purpose of irrigation & domestic
use, under Use Permit No. 21449 of the Department of Reclamation
and that said right to the use of said waters has been perfected in accordance with the laws of Idaho,
and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume
11 of Licenses at page 6913, on the 8 day of July, 1960;
The right hereby confirmed dates from April 7, 1950;

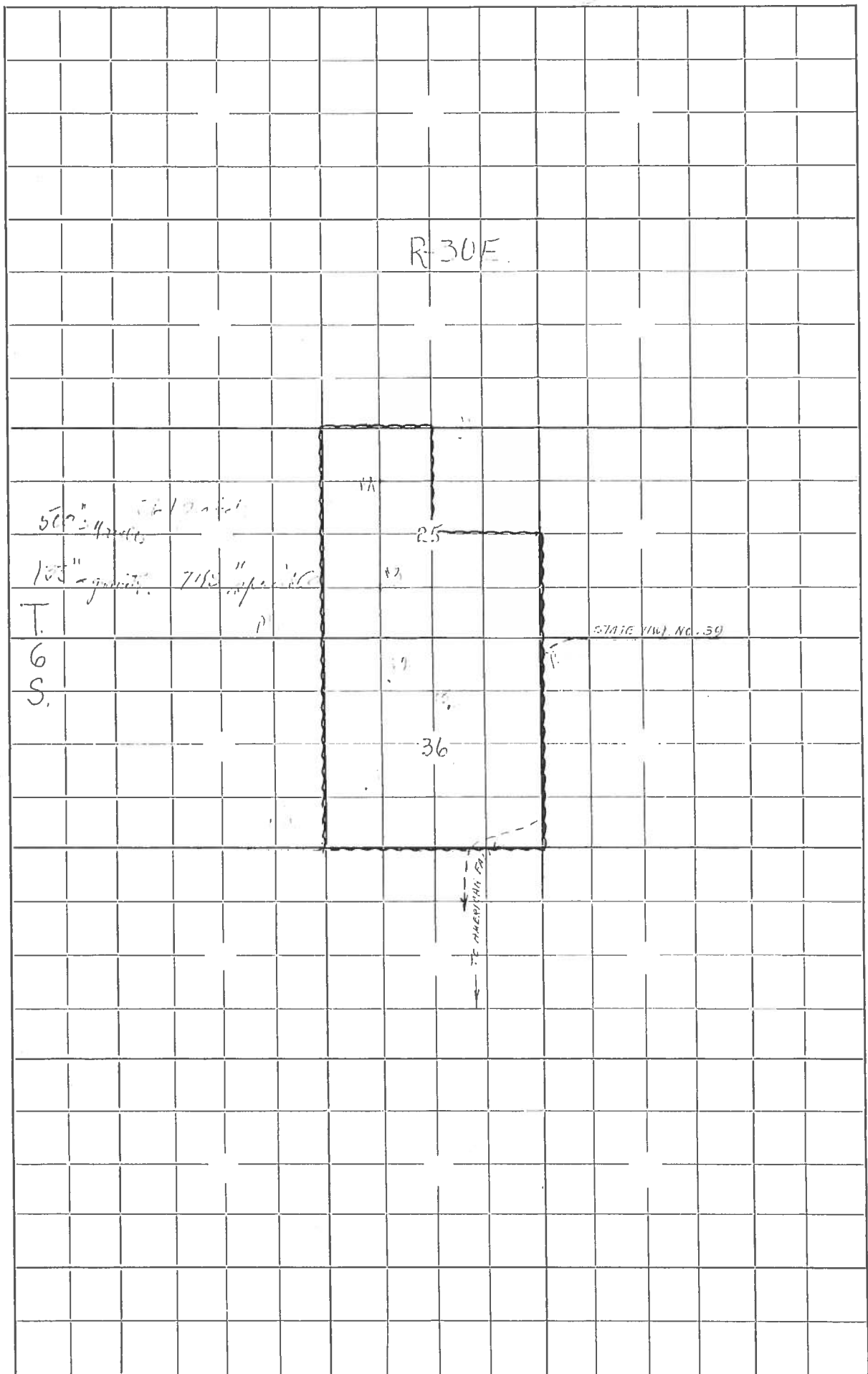
The Point of Diversion is located Center NW $\frac{1}{4}$ & SW $\frac{1}{4}$, Sec. 25; NE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$,
in the $\frac{1}{4}$ $\frac{1}{4}$, Sec. 36, Tp. 6 S., R. 30 E., B. M. Power County & Bingham

That the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall
not exceed 12.66 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
6 S.	30E.	25	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
		36	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	40
			NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	40
			NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	40
			NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
			NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
			SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
			SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	40
Total number of acres to be irrigated:					1106

35 2187



Scale: 2 Inches Equals 1 Mile. Draw Map In Ink.

31449

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. 21142This proof is for Beneficial Use In Water District No. _____

1. Name of applicant Armin Schrieder
2. Source of water supply: Subterranean flow from wells
3. Location of point of diversion: Is in the NE $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 36
center NW $\frac{1}{4}$ & center SW $\frac{1}{4}$ of Section 25
T. 6 S. R. 30 E. B.M. County of Power and Bingham
4. Describe works as they exist, giving dimensions and capacities of same: _____

See C/W report.

5. Water is used for: irrigation and domestic
6. State whether or not water has been turned into works of diversion: _____
7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

NW $\frac{1}{4}$ and S $\frac{1}{4}$ Sec. 25., Sec. 36 all in Twp. 6 S., Rye. 30 E.B.M.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach? _____

Remarks: _____

This examination was made on the 14 day of June, 1960

(Signed) E. H. Humphrey Examiner

21147

May 31, 1960

RE: Permit No. 21449
Armin Schroeder

W. C. Loofbourrow
Lawyer
American Falls, Idaho

Dear Mr. Loofbourrow:

The examination for completion of works shows that the four wells tied into the sprinkler system were producing 500 miner's inches of water and the well in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 36 produced 133 miner's inches, measured through a meter, for gravity irrigation. Sorry we can not give you a complete list of production from the four wells. The four pumps are similar and probably each well was producing approximately 125 miner's inches as maximum for the motons. Final examination for beneficial use of the water will be done with more detail and the final quantities may differ from those shown as completion of works.

Very truly yours,

GEO. N. CARTER
State Reclamation Engineer
By

Ralph W. Thomas
Office Engineer

RWT:mr

21449

W. C. LOOFBOURROW
LAWYER
American Falls, Idaho

RECEIVED
MAY 3 11960
Department of Reclamation

May 26, 1960

Department of Reclamation
State House
Boise, Idaho

Sirs: Permit 21449 - Armin Schroeder

Letter of April 5, 1956, to Armin Schroeder is before me.

If your records show the amount of water produced by each well he would like to have it. That is

Well in Center of NW $\frac{1}{4}$ of Sec. 25, produced _____ inches or second feet
SW $\frac{1}{4}$

Well in center of/Section Sec. 25

Well in NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 26

Well in SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36

Well in NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36

If you have a record of this, should be pleased to have you give me the information above requested.

Bill me for your reasonable charges and they will be promptly paid.

Yours truly,

W. C. Loofbourrow
W. C. Loofbourrow

L

21449

#4 = 51'5"

A. B. Smith, 62456

no post
8' x 8' concrete base

League Pump #2523
8" steel to 1' into main
League gate valve by
pump.

U.S. Meter #872454
44501, 1850 rpm, 1200 gpm

E = 95' = #4

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF ENGINEER

PERMIT NO. 21149

REPORT ON PROOF OF Completion of Works & Beneficial Use
Armin Schroeder, American Falls, Idaho

11/1 22.4 cfs
Surf. 28
1120

12.66 cfs
max

2450 = 42456

G. E. Smith

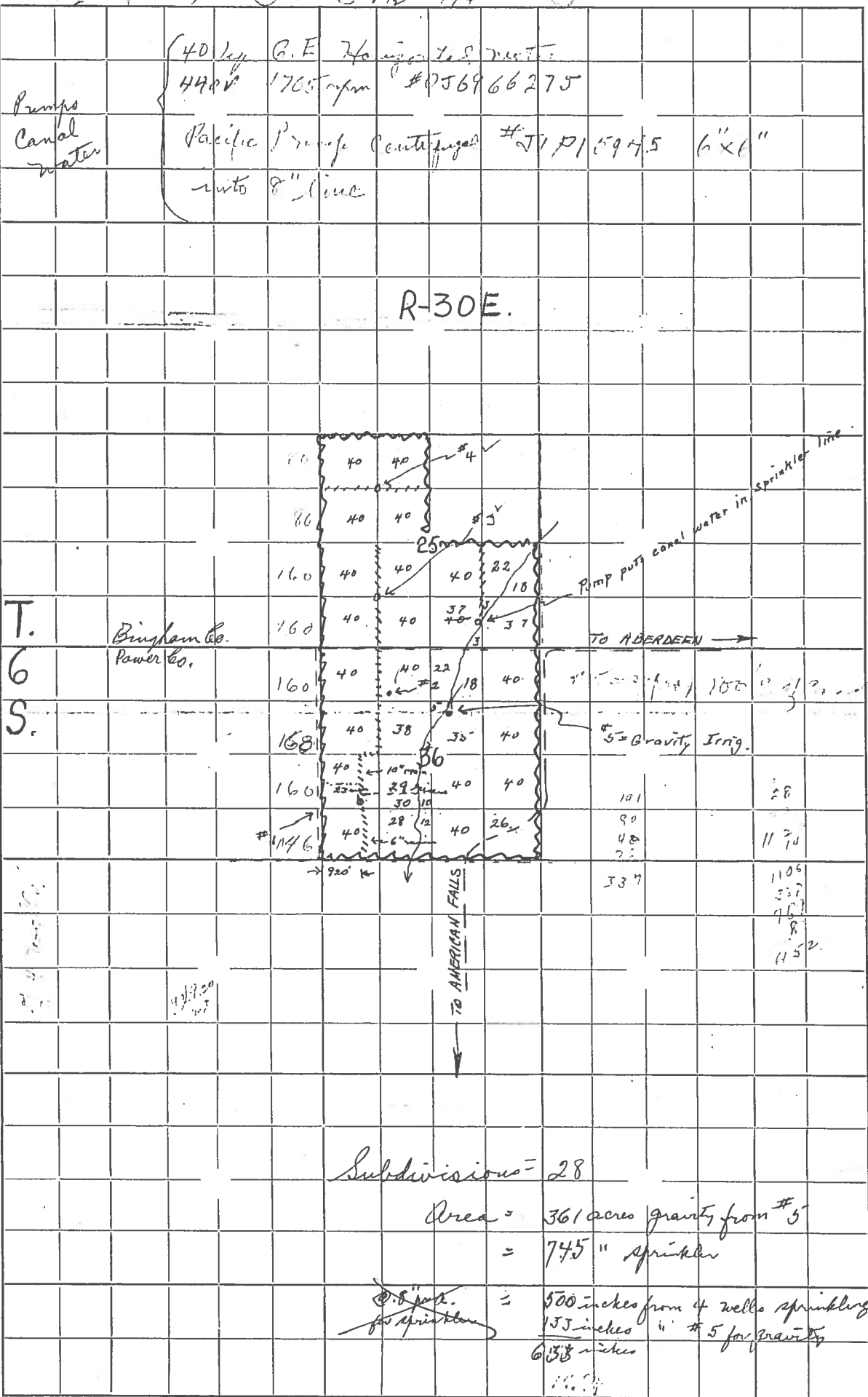
League Pump #4720
8' x 8' concrete base
no post
League gate valve by
pump.

304 220/440 ft
#71190 36/380

U.S. Meter #872454
44501, 1850 rpm, 1200 gpm

#5 well 160x16"
h = 47'
Leaved to sink 155'

6' 2" x 1/4" in - line (45 @ 7 1/2" = 174"



Scale: 2 Inches Equals 1 Mile. Draw Map in Ink.

$$Q = 12.66 \text{ cfs}$$

211449

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. 21449

This proof is for Completion of works. In Water District No.

1. Name of applicant. Armin Schroeder, American Falls, Idaho
2. Source of water supply: Subterranean flow from five permits
3. Location of point of diversion: Is in the center NW $\frac{1}{4}$ and center SW $\frac{1}{4}$ of Section 25, and NE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$ Section 36;
T. 6 S. R. 30 E. County of Power

The two wells in the W $\frac{1}{2}$ of Section 36 are connected onto a common sprinkler system. The two wells in the W $\frac{1}{2}$ of Section 25 are each independent sprinkler systems and Well No. 5 in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 36 is a well that delivers water which is supplemental to the Aberdeen-Springfield water for the lands under the gravity ditch.

Well No. 1 is 16" diameter by 300' deep. H=90'. 10" column by 120' long. 75 hp Charleroi Motor. Fairbanks Morse Pump, serial No. PL 4262.

Well No. 2 is 16" diameter by 240' deep, cased to the bottom. H=90'. Column is 10" diameter by 120' long. Pump and motor are duplicates of No. 1. These two pumps supply water to a common sprinkler system. Buried main pipe 10", 8" and 6". There is 6 laterals for each of the 4 wells, each later is 4" diameter portable aluminum pipe. The lateral lines to the East are lower as they reach toward the canal. All of the sprinkler wells are on high ground and the lines to the East from Wells Nos. 1, 2 and 3 drop sharply off the bench to the lower level so that it gives considerable pick up in pressure to aid the pumps in making their delivery.

Well No. 3 is 180' deep by 16" diameter, 75' lift. 75 hp Smith way Motor, serial No. 63459. Layne Pump No. 26448.

Pump No. 4 has a U. S. Motor, serial No. 872404. Lift is 95'. Well specifications are similar to others. Motor is a 75 hp Layne Pump, serial No. 26323. Crops are potatoes, hay, grain and pasture under these sprinkler systems. Delivery is high enough that the systems are shut off part of the time and Mr. Schroeder states that he waters until the ground will take no more water and it begins to run off.

Well No. 5 is 160' by 16" diameter. Has 47' lift, cased 100' to rock. No protection. Has 30 hp O. A. Smith Motor, serial No. 71190. Layne Pump, No. 4720. This pump is used only when there is insufficient water delivered through the Aberdeen-Springfield Canal System. Water was measured through a Sparling Meter at 133".

Mr. Schroeder was very much disappointed at the delivery of this pump and said that he intended to do something to increase its capacity.

Remarks:

12.5 inches per foot is maximum that a 75 hp motor will lift against 190 foot head. Equals 500 inches from 4 pumps on sprinklers.
Part of water is from canal. Thus part is by exchange.

Mr. Schroeder wants to increase the water but the motor can't do it.

This examination was made on the 28 day of June, 1951.

(Signed) E. M. Humphrey Examiner.

21449

#2 = 840x18" ad 5 cotton

1 = 90' 85' 5"

ad = 190x10"

same pump as #1.

same border pumps

ad = 190x10"

Line station

Clinto Couplers

8' x 9' 1/2" 1/2" 1/2" 1/2"

no protest

same in 1 mile

was a house

spunking system

all motor and

all power one same

also

#3 = 840x18" ad 5 cotton

1 = 90' 85' 5"

ad = 190x10"

same pump as #1.

same border pumps

ad = 190x10"

Line station

Clinto Couplers

8' x 9' 1/2" 1/2" 1/2" 1/2"

no protest

same in 1 mile

was a house

spunking system

all motor and

all power one same

also

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

16' 5" 1/2"
32' 10" 1/2"
800' 10" 1/2"

Armin Schroeder
American Falls, Idaho

Permit No. 2149

Power

25 x 36 - 65 - 305

County

Power

SW NE, NW NW, NW SW, SW SE

SW NE, NW NW, NW SW, SW SE

the diversion is from the

down hill - around the

and down the river

the diversion is from the

March 7, 1950

June 21, 1950

and a record of the diversion

the lines were in place

and pressure was very high

4400. 900. 1800 yds

4400. 900. 1800 yds

4400. 900. 1800 yds

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

PL 4262

FORM NO. 170-A

21449

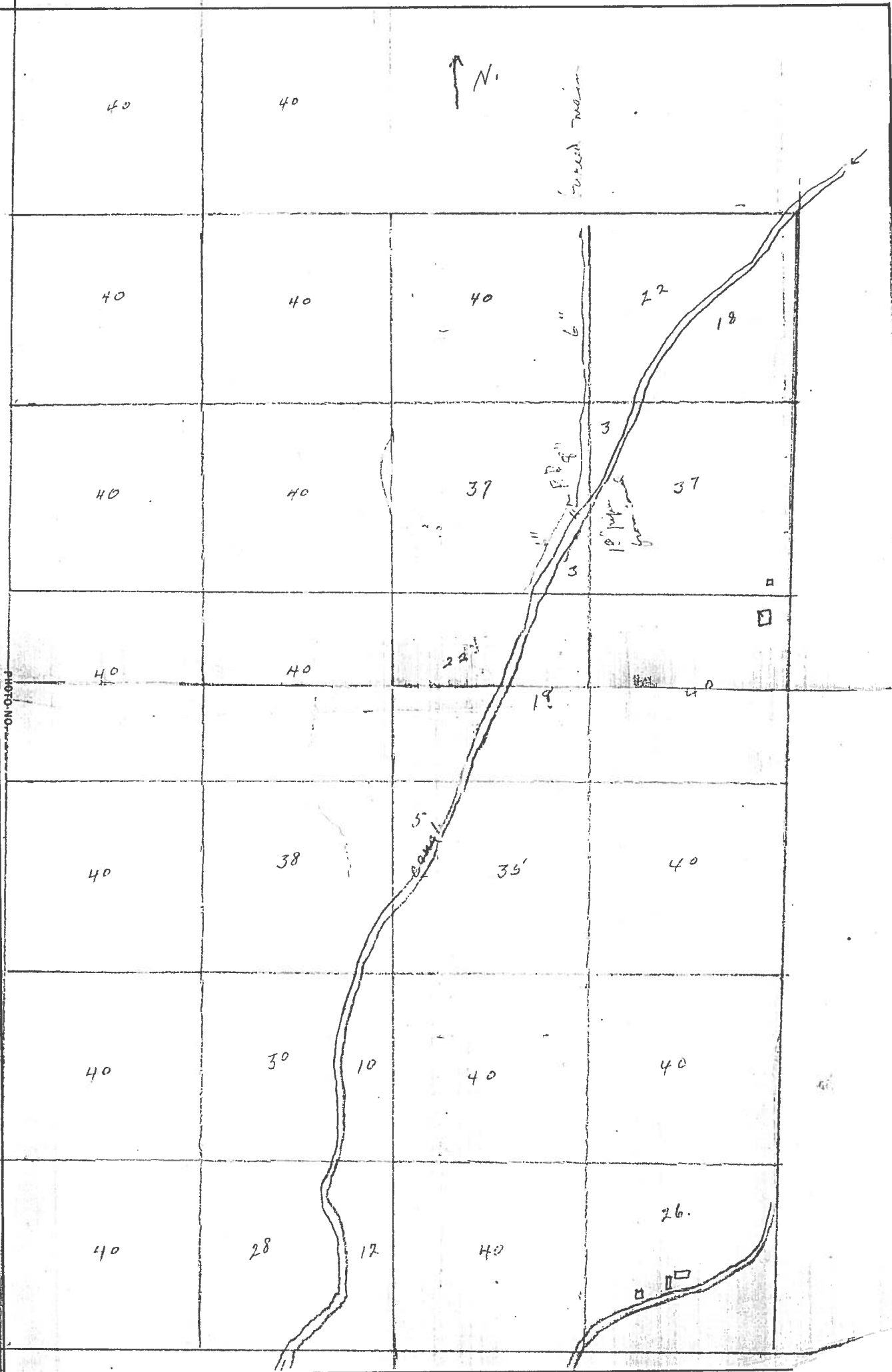


PHOTO NO.

OPERATOR

Traced for an On-line S.C.D.

ACRES

FARM NO. SCALE

DATE

2-28-55

plots in office of S.C.D. & P.M.G. in Cam. Falls. by E. N. B.