

State of Idaho

License and Certificate of Water Right

Water License No. 21149

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. 21149
 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. 21149 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 $\frac{1}{4}$, 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		
		36	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		
			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

A35-02167B
 P.O.U.

35 2167



211447

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

REPORT OF ENGINEER

Permit No. 21149

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

1. Name of applicant Armin Schroeder
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 $\frac{1}{2}$ Sec. 25., Sec. 36 all in Twp. 6 S., R. 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

21149

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

$L = 95' = \#4$
 U.S. Meter #872454
 4400'. 1800 rpm. 1200 rpm
 Large Pump. #26323.
 8" Steel & L. into main
 concrete gate valve by
 pump.
 no protest
 8' x 8' concrete base.
 A. B. Smith, 62456
 #4-5795

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

a/p. 22.4 cfs
 Sup. 28
 actual 1120-

12.66 cfs
 max

well 160x16"
 #5. $h = 47'$
 covered to rock 155'
 D.G. Smith Meter
 304. 220/4401.
 #71190 76/380.
 Large Pump 4720
 8' x 8' concrete base.
 no protest
 before foundation
 & layout. Smith
 G. E. Meeker
 2400. #24454973

Pumps
Canal
water

Pacific	Pumpkin	Centrifugal	#J/P/5945	6"x6"
into	8" line			

R-30E.

T.
6
S.

Bingham Co.		
Power Co.		

TO ABERDEEN

^a
5 = Gravity, Irrig

TO AMERICAN FALLS

Subdivisions = 28

Area = 361 acres gravity from #3
= 74.5 " sprinkler

~~0.5" per ft.~~
~~for sprinkler~~

= 500 inches from 4 wells sprinkling
155 inches " # 5 for gravity
655 inches

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

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

21449

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 18" for one but the motor can't lift.

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

(Signed) E. M. Humphrey
Examiner.

21449

#2 = 240' x 16" add cotton

1 = 90' x 53' 5"

add = 190' x 10"
same pump as #1

Layne Boulder Pump

add line

line starts

line continues

line continues

line continues

line continues

line continues

line continues

line continues

line continues

#3 = Lumbury 75' 4"

water #6 3459

Layne Pump #26448

add 75'

W. E. Costello

16" 1/2"

Lumbury 185' 1/2"

52' 6" 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.

32 heads each
800 heads

Armin Schroeder
American Falls, Idaho

Permit No. 21149

Exam. 2123 Am. F.

Examination for Completion of Works

County Power

25 x 36 - 65 - 305

25 x 36 - 65 - 305

25 x 36 - 65 - 305

25 x 36 - 65 - 305

SW NE, NW NW, NW SW, Sec. 36, T. 6 S., R. 3 E., S. 36

No diversion & fence

a lot of this water drops down hill - around 200

and lines of water are not

very obvious there is

no indication of water

the water is 695.7, 1950

the water is 695.2, 1960

and the water is 695.2, 1960

the water is 695.2, 1960

the water is 695.2, 1960

53 1/2' F

Charcoal 75' 4"

4400, 900, 1800 yds

W. Moore Pump

PL 4262

check 0.10

check 0.10

check 0.10

line - line 8' 4"

300' x 16" add line

4 = 90' add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

10" x 10" add line

FORM NO. 170-A

21449

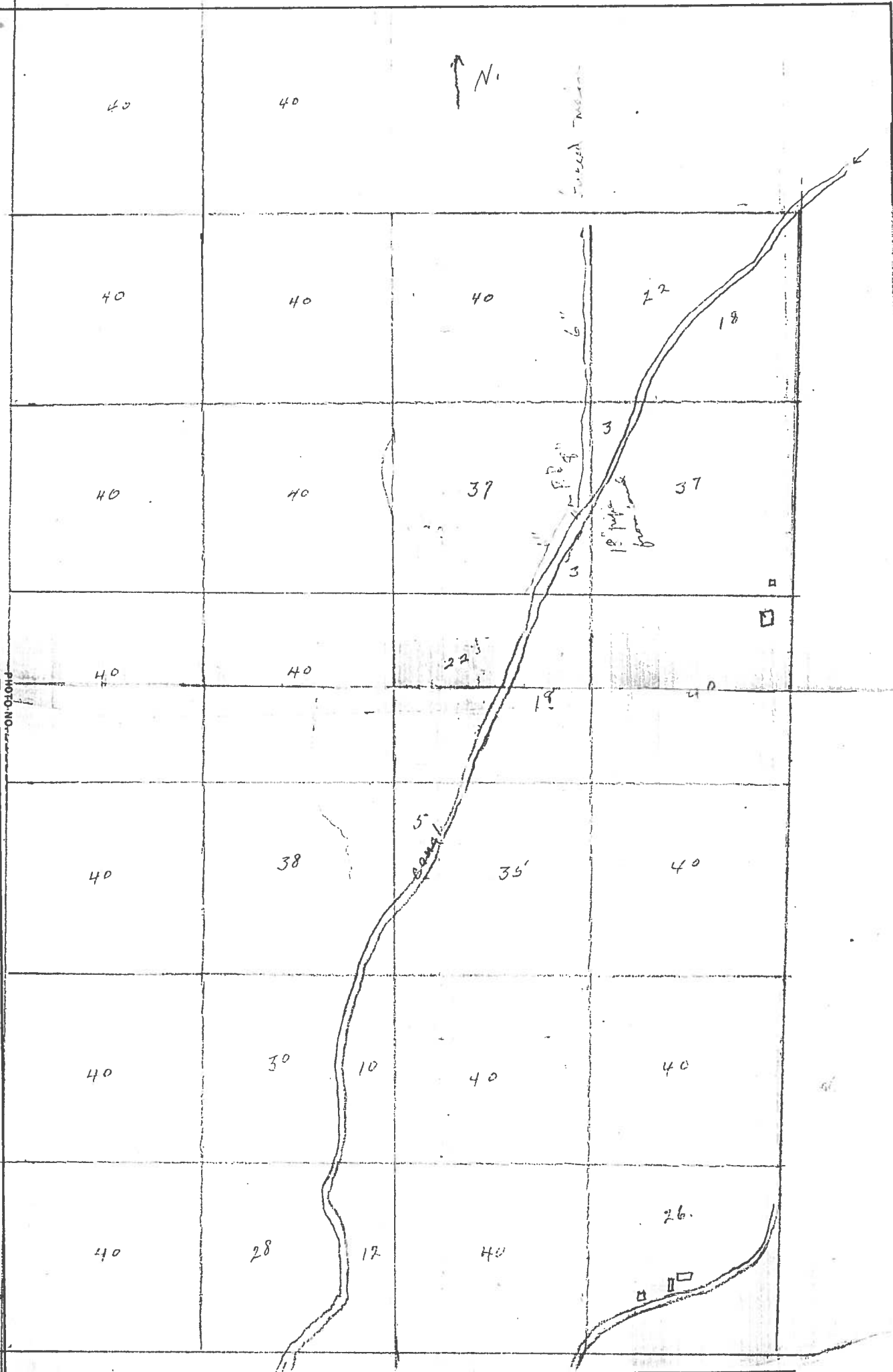


PHOTO NO.

OPERATOR

Prepared for an Anytown S.C.D.

ACRES

FARM NO.

DATE

Plot in Office of S.C.D. & P.M.G. in Anytown, by E.T.B.

for 2-8-55

OPTION: IRRIGATION USES ONLY

ADJUDICATION CLAIM NUMBER: R35-02167B

PAGE: 1

A. ROOT WATER RIGHT NUMBERS:

A35-02167A
A35-02167B

A35-02167C

A35-02167D

R35-02167B

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/USE/ACRES	WR #/USE/ACRES	LANDSAT DATA	Recommend Acres
06S	30E	25	NE	SW		SCHROEDER, SYLVIA	R35-02167B /01/40.0	-	/ /	40.0
			NE	SW		SCHROEDER, CLARENCE	A35-11531 /01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A01-0206461/01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A01-0002321/01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A01-0029721/01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A35-0254321/01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A35-0424621/01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A01-0206861/01/40.0	-	/ /	
			NE	SW		LARGE CLAIM	A01-0206881/01/40.0	-	/ /	
			NE	SW		SCHROEDER, SYLVIA	A35-02167B /01/40.0	-	/ /	
			NE	SW		SCHROEDER, ARMIN		35-02167 /01/40.0		
06S	30E	25	NW	SW		SCHROEDER, SYLVIA	R35-02167B /01/40.0	-	/ /	36.0
			NW	SW		SCHROEDER, CLARENCE	A35-11531 /01/40.0	-	/ /	
			NW	SW		SCHROEDER, SYLVIA	A35-02167B /01/40.0	-	/ /	
			NW	SW		SCHROEDER, ARMIN		35-02167 /01/40.0		
06S	30E	25	SW	SW		SCHROEDER, SYLVIA	R35-02167B /01/40.0	-	/ /	39.0
			SW	SW		SCHROEDER, CLARENCE	A35-11531 /01/40.0	-	/ /	
			SW	SW		SCHROEDER, ARMIN		35-02167 /01/40.0		
06S	30E	25	SE	SW		SCHROEDER, SYLVIA	R35-02167B /01/40.0	-	/ /	41.0
			SE	SW		SCHROEDER, CLARENCE	A35-11531 /01/40.0	-	/ /	
			SE	SW		LARGE CLAIM	A01-0206461/01/33.0	-	/ /	
			SE	SW		LARGE CLAIM	A01-0002321/01/33.0	-	/ /	
			SE	SW		SCHROEDER, SYLVIA	A35-02167B /01/40.0	-	/ /	
			SE	SW		LARGE CLAIM	A01-0029721/01/33.0	-	/ /	
			SE	SW		LARGE CLAIM	A35-0254321/01/33.0	-	/ /	
			SE	SW		LARGE CLAIM	A35-0424621/01/33.0	-	/ /	
			SE	SW		LARGE CLAIM	A01-0206861/01/33.0	-	/ /	
			SE	SW		LARGE CLAIM	A01-0206881/01/33.0	-	/ /	

37

38

39

40

OPTION: IRRIGATION USES ONLY

ADJUDICATION CLAIM NUMBER: R35-021678

PAGE: 2

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/USE/ACRES	WR #/USE/ACRES	LANDSAT DATA
		SE	SW			SCHROEDER, ARMIN		35-02167 /01/40.0	
TOTAL ACRES						R35-021678	160.00		156.00

154

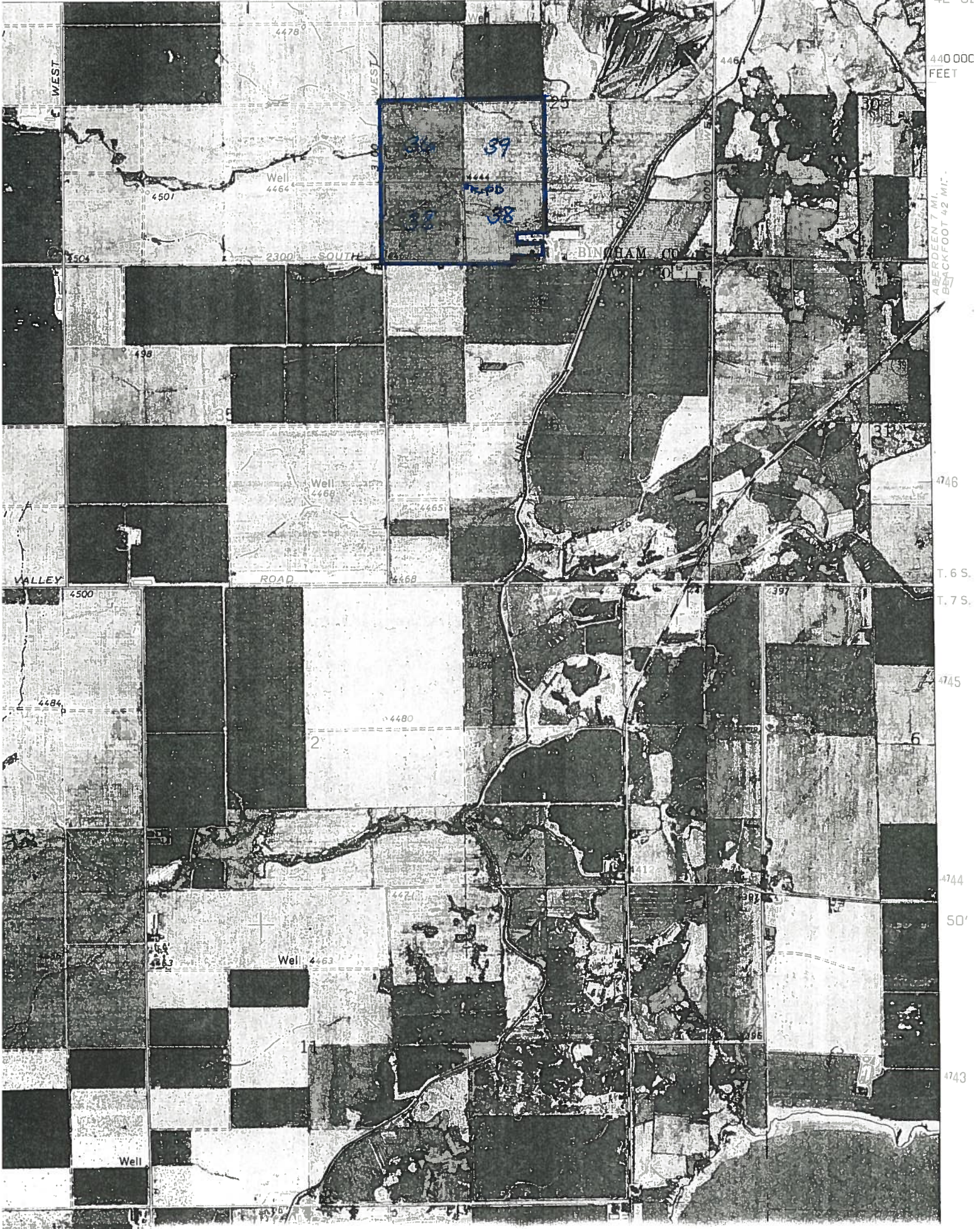
POU COUNTY: BINGHAM

AMERICAN FALLS SW ORTHOPHOTOQUAD
IDAHO

T6S R30E

A35-02167B

343 55' 344 345 R 30 E. R 31 E 310 000 FEET 112° 52' 30" 42° 52'



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. A35-11531

1. Owner: Clarena Schroeder Phone No. _____

Current Address: _____

2. Accompanied by: William Schroeder EXAM. DATE: 7-29

Address: _____ Phone No. _____

Relationship to Permit Holder: partner

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: A35-02167B

☒ Copies Attached

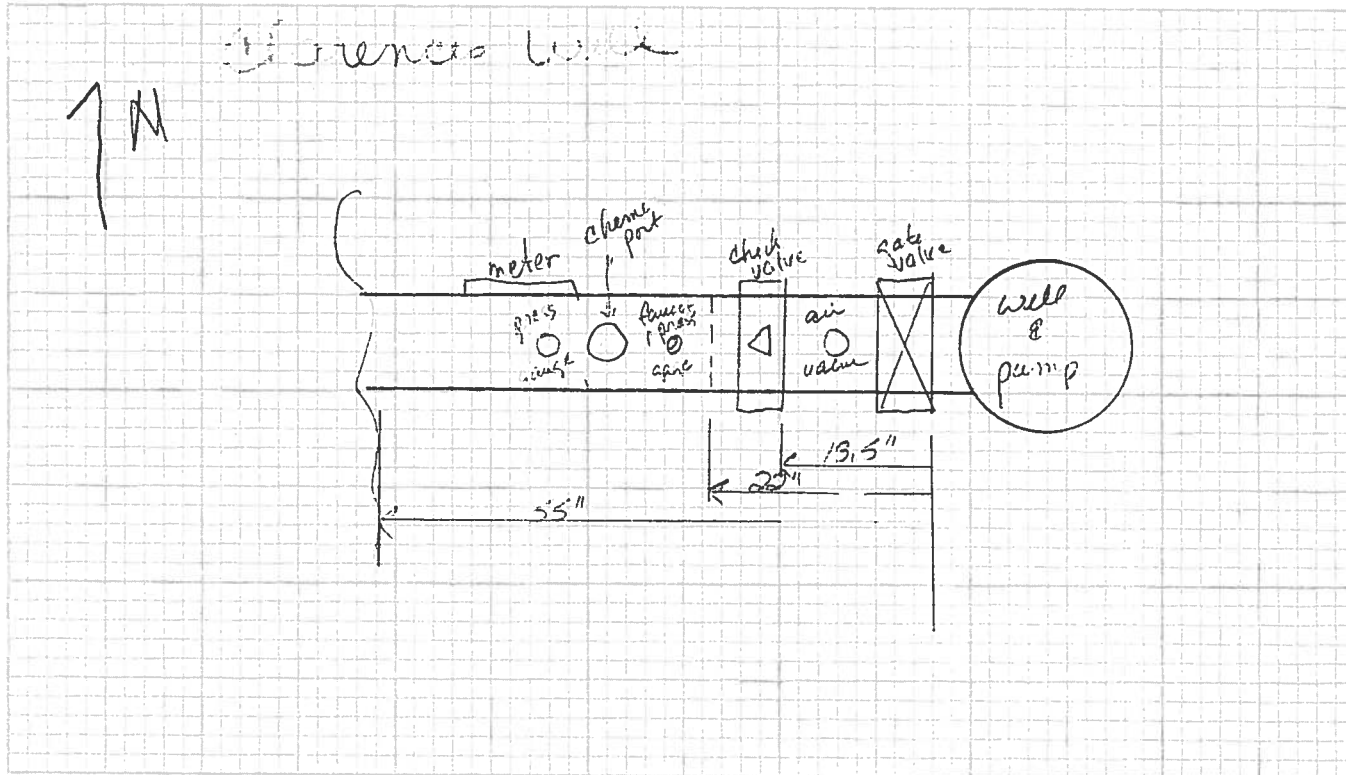
2. Other water rights with same point of diversion: A35-02167B

☒ 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 wheelines - 8 lines @ 33 kpsi
 @ 60 gpm flow control nozzle - $\approx 1584 \text{ gpm} = 3.53 \text{ cfs}$

☐ 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
Clarence's well	GE	150	SD 225046	Dayne	26448

*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
(2) pressure gauges	in-line	PolySonic	TF-2	149743	1/2"	1/1
flowmeter	ultra-sonic	PolySonic	TF-2	149743	1/2"	1/1

2. Measurements:

85' static + 8' drawdown (accd to Bill)
79 psi (in-line gauges)

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

Theoretical

2. Alternate Method for Checking Purposes:

PolySonic

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 Jennette Burrow

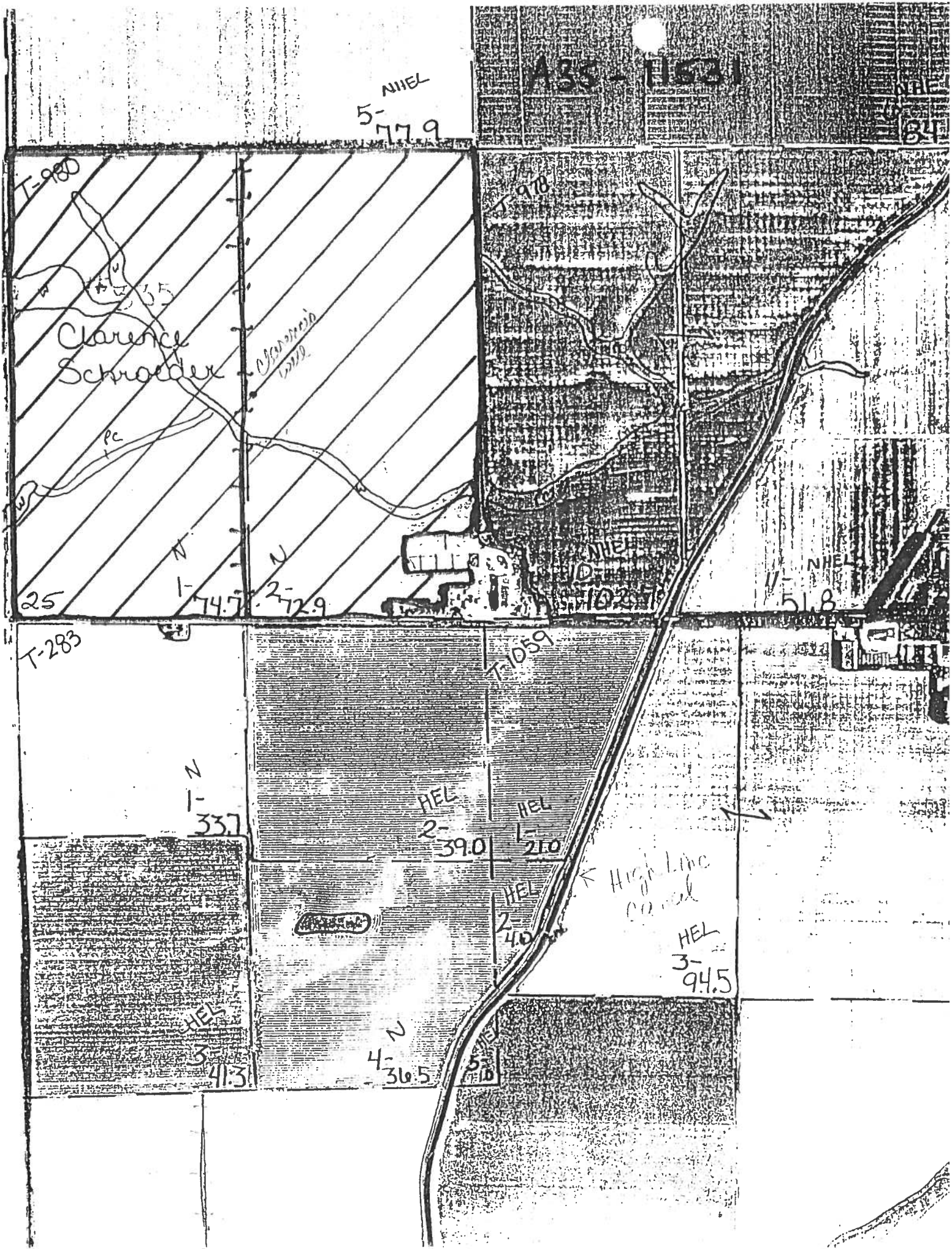
Signature John Suchan

Certification Date _____

Field Report Preparation Date 7-2-91

CONSULTANT SEAL

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



T65 R30E

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

13:11:08
10/13/91

PAGE: 13
QUICKLOOK INFORMATION

CLAIM NUMBER: A35-321678

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY HHMM/DATE	FIELD EXAM BY HHMM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW HHMM/DATE	COMPLETED DATA ENTRY HHMM/DATE	VERIFIED DATE HHMM/DATE
PRIORITY DATE			C. Fritschle 6-26-92	No	6	S.W. Keen 11-8-93	S.W. Keen 11-8-93	S.W. Keen 11-8-93
POINT OF DIV	Y		L. Bushaw 7-2-91	Yes	5			
SOURCE			L. Bushaw 7-2-91	No	5			
PLACE OF USE			L. Bushaw 7-2-91	Yes	5, 2, 4			
DIV. AMOUNT CFS/VOLUME	Y		L. Bushaw 7-2-91	No	5			
CONSUMPTIVE USE	-		C. Fritschle 6-26-92	Yes	6			
PURPOSES	Y			No	6			
PERIOD OF USE	Y			Yes	6			
BASIS OF CLAIM	Y			No	6			
REMARKS			S.W. Keen 11-8-93	No	6			

"VERIFIED BY" CODES

TOPG MAP/ORTHOPHOTO = 1
ASCS MAP = 2
MASTER RECORDS = 3
AAPP PHOTOS = 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.

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED (X)
NEEDS REVIEW ()

B. SPLIT WATER RIGHT REVIEW

ROBT WATER RIGHT NUMBER: 35-02167

DATABASE 1.500

CFS

EXAMINER 13.17

TOTAL DIVERSION RATE OF HR SPLITS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	HR RIGHT NUMBERS	DIVERSION RATE
-	A35-02167A	3.600	-	-	-	-
-	A35-02167B	1.830	-	-	-	-
A35-02167	A35-02167C	5.760	-	-	35-02167	1.500
A35-02167	A35-02167D	1.930	-	-	35-02167	1.500

TOTAL CFS 13.170

1.500

DIVERSION RATE REVIEW

35-02167 = 12.46 cfs

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

DATABASE N

FIELD EXAMINER N

REMARKS:

Claimed Recommended

A35-02167A

A35-02167B

A35-02167C

A35-02167D

AUTHENTICATION:

SIGNATURE:

Shelley Walter Keen

DATE:

11-8-1993

NAME OF FIELD EXAMINEE:

Shelley Walter Keen

TITLE:

Sr.W.R. Agent

RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

DATABASE EXAMINER DATABASE EXAMINER

Irrigation

4-1 10-31

1.83

604

453

TOTAL FOR THIS RIGHT

1.83

616

462

REVIEWED BY: S.W. Keen

DATE: 11-8-93

Remark E01 ... 35-11531, cfs, 616 AF, 453 AF, 154 acres
➔

35-11531 will be recommended for disallowal.

Presumption Flag = N/A
Condition Codes = ~~E02~~ E02
Remarks = N/A

0.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1A. IRRIGATION RATE 3.08 CFS
ACRES 154 X 0.02 CFS/ACRE = 3.08 CFS
(TAKEN FROM P/D REVIEW)

1B. CALCULATIONS
1.83 < 3.08

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y() N(X)

*** 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 453 AF/A
462

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

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

TOTAL DIVERSION VOLUME 604 AF/A
616

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

Field investigation for A35-11531 (same well) done 7-2-91 shows polygonic measurement = 3.096 cfs; theoretical calculation based on the number of lines = 3.53 cfs; and a theoretical calculation based on lift, horsepower, etc., = 3.37 cfs.

$$\frac{12.66 \text{ cfs}}{1106 \text{ acres}} = 0.0114 \text{ cfs/ac} \times 160 \text{ ac.}^* = 1.83 \text{ cfs}$$

* No. of licensed acres in SW 1/4 of Sec. 25

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS? Y(X) N() rate per acre is o.k.

AJ TOTAL CLAIMED DIVERSION RATE: 1.350 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 1.500 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. **

FLOW MEASUREMENT REQUIRED?

FIELD #
DATABASE EXAMINER
Y

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

B. FLOW MEASUREMENT

MEASUREMENT METHOD N.A. SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: A35-11531

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A35-02137B	GROUNDWATER	SCARDEDER V SYLVIA	1.330	0.011		
A35-11531	GROUNDWATER	SCARDEDER # CLARENCE	1.370	0.038		
A31-9002371	LARGE CLAIM	LARGE CLAIM	9999.990	0.420		
A31-0029721	LARGE CLAIM	LARGE CLAIM	9999.990	0.420		
A35-0254321	LARGE CLAIM	LARGE CLAIM	9999.990	0.420		
A35-0424621	LARGE CLAIM	LARGE CLAIM	9999.990	0.420		
A31-0203861	LARGE CLAIM	LARGE CLAIM	9999.990	0.420		
A31-0203841	LARGE CLAIM	LARGE CLAIM	9999.990	0.420		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

11-8-93 S.V.Kem

Use condition code E02 because of claimed surface water overlap.

Aberdeen-Springfield has claimed the E 1/2 of this farm, however the claimant did not list Aberdeen-Springfield as another right.

A. AJ CLAIMED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A35-02167B IRRIGATION	FROM 04-31 TO 11-01	1.830 CFS
	TOTAL DIVERSION RATE/VOLUME CLAIMED	1.830 CFS

B. WR RECORDED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
35-02167 IRRIGATION	FROM TO	12.660 CFS
35-02167 DOMESTIC	FROM TO	12.660 CFS
	TOTAL DIVERSION RATE/VOLUME CLAIMED	1.500 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y() N(X)

RECOMMEND TO WR STANDARD OR OTHER?

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

REMARKS:

New standard 4-1 to 10-31

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y() N(X)
IF YES SEE ATTACHED SHEET:

154

C. FIELD EXAM REQUIRED?

DATABASE
Y

FIELD
EXAMINER
Y

DUE TO POJ DISCREPANCY? (Y/N)

PRESUMPTION FLAG:

REMARKS:

ASCS photo shows approximately 148 acres as irrigated
(cropped); however, the NAPP and Landsat indicate more acres.
NAPP AA85 NE. Recommendations based on planimeter
measurement of ASCS photo. Lasico Model # 42P Ser # B-90846

RECOMMENDATIONS:

TOTAL ACRES: 154

REVIEWED BY: CA

DATE: 6-7-93

A. ROOT WATER RIGHT NUMBERS:
A35-02167A
A35-02167B

A35-02167C

A35-02167D

B. PDU LISTING

B. PUD LISTING											
TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	4R #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM ACRES
065	30E	25	SE	SW		SCHROEDER, SYLVIA	A35-02167B /40.0	-	40.0		37
			SE	SW		SCHROEDER, CLARENCE	A35-11531 /40.0	-			
			SE	SW		LARGE CLAIM	A01-0206461/33.0	-			
			SE	SW		LARGE CLAIM	A01-0002321/33.0	-			
			SE	SW		LARGE CLAIM	A01-0029721/33.0	-			
			SE	SW		LARGE CLAIM	A35-0254321/33.0	-			
			SE	SW		LARGE CLAIM	A35-0424621/33.0	-			
			SE	SW		LARGE CLAIM	A01-0206861/33.0	-			
			SE	SW		LARGE CLAIM	A01-02068H1/33.0	-			
						SCHROEDER, ARMIN	35-02167 /40.0	-			
065	30E	25	NE	SW		SCHROEDER, SYLVIA	A35-02167B /40.0	-	39.0		40
			NE	SW		SCHROEDER, CLARENCE	A35-11531 /40.0	-			
			NE	SW		LARGE CLAIM	A01-0206461/40.0	-			
			NE	SW		LARGE CLAIM	A01-0002321/40.0	-			
			NE	SW		LARGE CLAIM	A01-0029721/40.0	-			
			NE	SW		LARGE CLAIM	A35-0254321/40.0	-			
			NE	SW		LARGE CLAIM	A35-0424621/40.0	-			
			NE	SW		LARGE CLAIM	A01-0206861/40.0	-			
			NE	SW		LARGE CLAIM	A01-02068H1/40.0	-			
						SCHROEDER, ARMIN	35-02167 /40.0	-			
065	30E	25	NA	SW		SCHROEDER, SYLVIA	A35-02167B /40.0	-	36.0		39
			NA	SW		SCHROEDER, CLARENCE	A35-11531 /40.0	-			
			NA	SW		SCHROEDER, ARMIN		35-02167 /40.0			
						SCHROEDER, SYLVIA	A35-02167B /40.0	-			
						SCHROEDER, CLARENCE	A35-11531 /40.0	-			
						LARGE CLAIM	A01-0206461/40.0	-			
						LARGE CLAIM	A01-0002321/40.0	-			
						LARGE CLAIM	A01-0029721/40.0	-			
						LARGE CLAIM	A35-0254321/40.0	-			
						LARGE CLAIM	A35-0424621/40.0	-			
						LARGE CLAIM	A01-0206861/40.0	-			
			LARGE CLAIM	A01-02068H1/40.0	-						
			SCHROEDER, ARMIN	35-02167 /40.0	-						
TOTAL ACRES										150.00	154.00

SW SW

37

See
Attached
PDU Review

REMARKS:

Field exam for A35-11531 located the well in the NWSESW.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:
TWP. R2E. SEC.

6S 30E 25 NW SE SW LOT COUNTY

Bingham

SOURCE: GROUNDWATER

TRIG:

REVIEWED BY:

DATE: 6-26-92

This right was originally licensed with four wells on the west side of the
~~Highline~~ Highline Canal and one well on the east side of the canal.

S.W. Keen
11-8-93

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TAP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A35-021571	055	30E	25	SE	3W			BINGHAM

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A35-11531 NONE
A35-02167

SOURCE: GROUNDWATER

TRI3:

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TAP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
35-02167	055	30E	36	NE	NW			BINGHAM
35-02167	055	30E	36	NW	SW			BINGHAM
35-02167	055	30E	36	SW	SE			BINGHAM
35-02167	055	30E	25	NE	SW			BINGHAM
35-02167	055	30E	25	NW	SW			BINGHAM
35-02167	055	30E	25	SW	SW			BINGHAM
35-02167	055	30E	25	SE	SW			BINGHAM
35-02167	055	30E	25	NE	NW			BINGHAM
35-02167	055	30E	25	NW	NW			BINGHAM
35-02167	055	30E	25	SW	NW			BINGHAM
35-02167	055	30E	25	SE	NW			BINGHAM

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

35-08085
A35-12797 NONE
A35-12796
A35-11531
A35-02157A

5 wells

SOURCE: GROUNDWATER

TRI3:

C. FIELD EXAM REQUIRED?

DUE TO POD DISCREPANCY? (Y/N)
DUE TO SOURCE DISCREPANCY? (Y/N)

DATABASE Y N
FIELD EXAMINED *N*

A. AJ CLAIM: # A35-021673 PRIORITY DATE: 04-07-1950 / STAGE: L / *Licensed on 7/8/1960*
B. WR RECORD: # 35-02167 PRIORITY DATE: 04-07-1950 / STAGE: L /

C. FIELD EXAM REQUIRED? FIELD EXAMINER
DUE TO PRIORITY DATE DISCREPANCY? (Y/N) N

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIMED? Y() N(X)

IF YES EXPLAIN.

REMARKS: *Priority date matches license*

RECOMMENDED PRIORITY DATE:
34-07-1950

REVIEWED BY *AL* DATE *6-26-92*

CONTACT PERSON: _____

PHONE NUMBER: (____) _____

DATE OF FIELD EXAM: ____/____/____

APPOINTMENT MADE: Y(____) N(____)

TIME: ____:____:____ A(____) P(____)

ACCOMPANIED BY: _____

PHONE NUMBER: (____) _____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

13:11:03
10/13/91

CLAIM NUMBER: A35-32157B

PAGE: 1
GENERAL INFORMATION

LAST: SCHROEDER
ADDRESS: 2308 S MOSER RD
CITY: AMERICAN FALLS
PHONE NUMBER: 208-226-2007

OWNER CODE: C

FIRST: SYLVIA
STATE: ID ZIP: 83211

LAST: SCHROEDER
ADDRESS: 2308 S MOSER RD
CITY: AMERICAN FALLS
PHONE NUMBER: 208-226-2007

OWNER CODE: C

FIRST: CLARENCE
STATE: ID ZIP: 83211

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

DATABASE N
FIELD EXAMINER N

Unless additional information is
furnished by the claimant, claim
A35-11531 will be disallowed.
Present evidence supports an
increase in the rate of
diversion occurred in 1965.

cd
6-15-93

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

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

Claim Number	Rec. Acres	Pump Capacity	Rec. Rate	Rec. Rate/Acre
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.

Alternative #2

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.

Alternative #3

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.

Alternative #4

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	3.14 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.

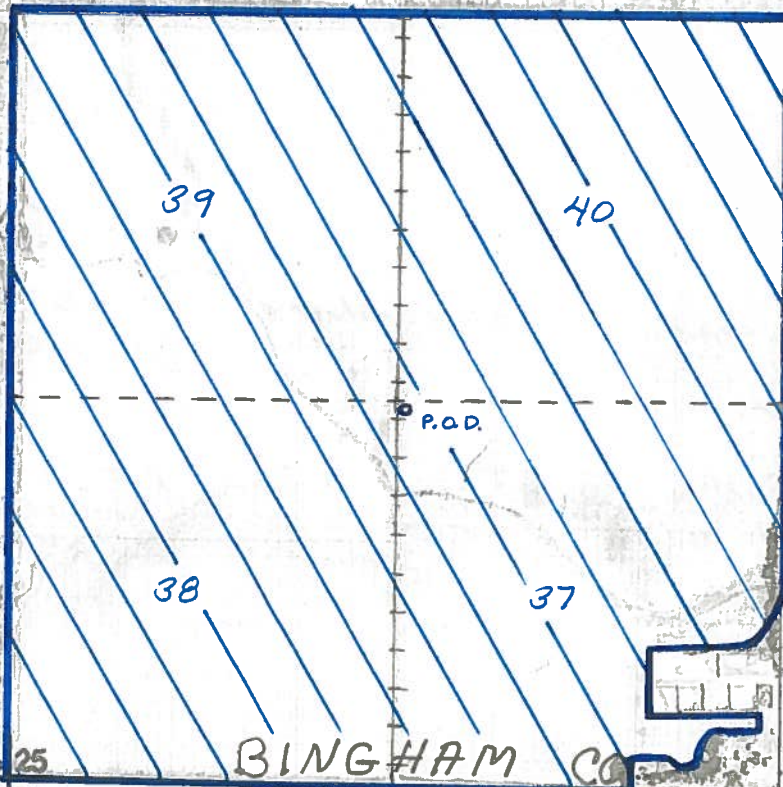
DIAGRAM OF THE SPLIT OF 35-02167
Prepared by S.W. Keen
November 23, 1993

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

A35 - 021678

Jensen Rd.

T65
R30E



BINGHAM CO.
POWER CO.

SW. Keen
11-8-93

NAPP 16011-385
1987

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: A35-02167B
Date Received: 5/25/1989
Receipt No: E008035
Received By: HWT

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: SYLVIA SCHROEDER 208-226-2007
Address: 2308 S. MOSER RD.
AMERICAN FALLS, ID 83211

OR

Name: CLARENCE SCHROEDER 208-226-2007
Address: 2308 S. MOSER RD.
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	25	SE	SW			BINGHAM

5. Description of diverting works:
WELL AND PUMP TO SPRINKLERS

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.830		

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

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

9. Non-irrigation uses:
NONE

A35-02167B

Page 1

Date: 05/25/89

MICROFILMED

DEC 10 1992

A3502167B



10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
06S	30E	25	NE	SW		IRR	40.0
			NE	SW		IRR	40.0
			NW	SW		IRR	40.0
			SE	SW		IRR	40.0
Section Acres							160.0
Total Acres							160.0

11. Place of use in counties: BINGHAM

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

13. Other Water Rights Used:
A35-11531

14. Remarks:

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 x 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): x Clarence DeHorda Date: x 1989

Date: _____

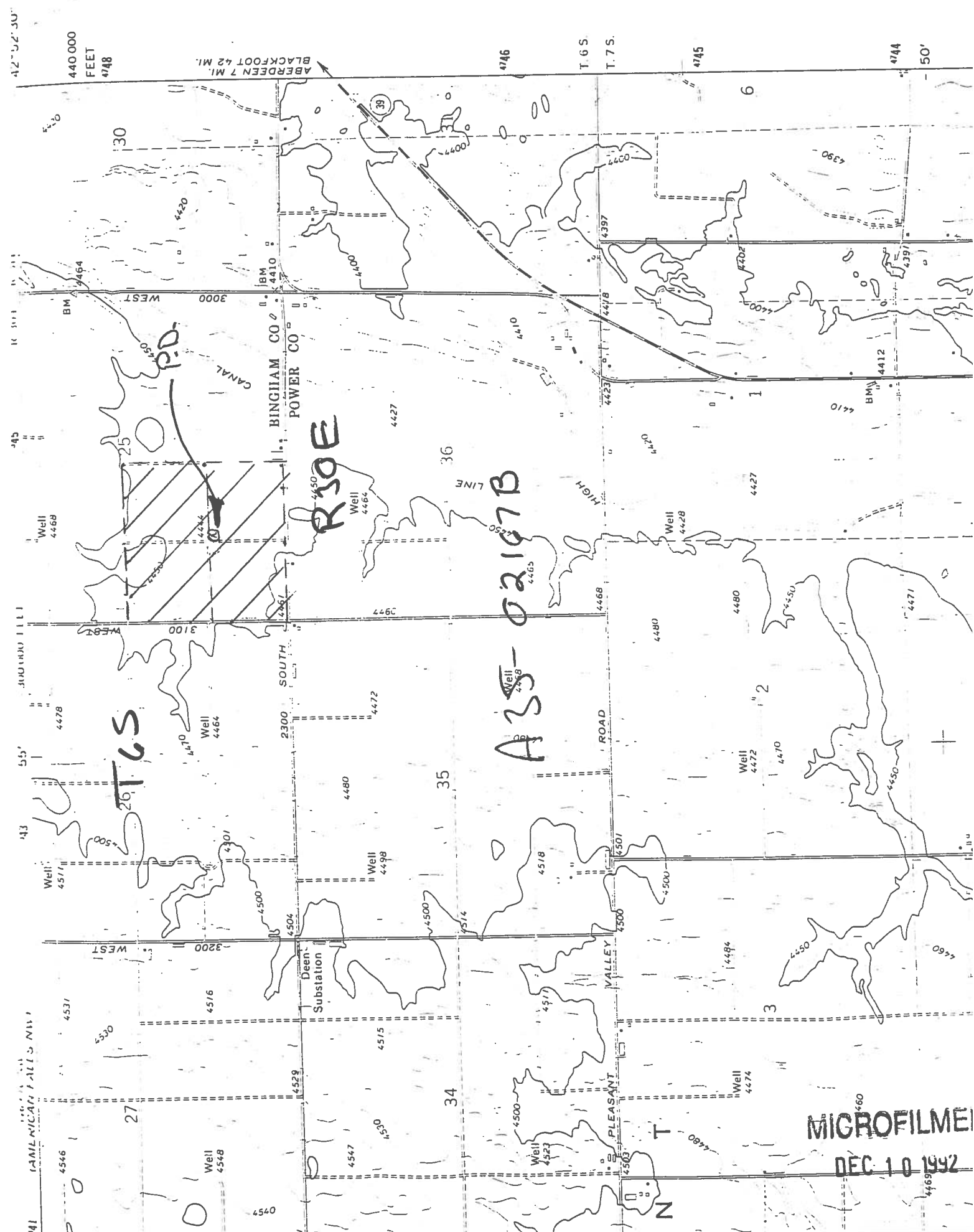
State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 25th day
of May 19 89

Betty J. Thompson
Notary Public

Seal

Residing at BETTY J. THOMPSON, NOTARY PUBLIC
RESIDING AT 1013 S. 10TH, IDAHO
My Commission Expires EXPIRES: 6-30-94



MICROFILME

DEC 10 1992

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: 35-02167B

SYLVIA SCHROEDER
CLARENCE R SCHROEDER
2308 S MOSER RD
AMERICAN FALLS ID 83211

RECEIVED

DEC 24 1998

Department of Water Resources
Eastern Region

Daytime Telephone Number:
Evening Telephone Number:

(208) 226-2007

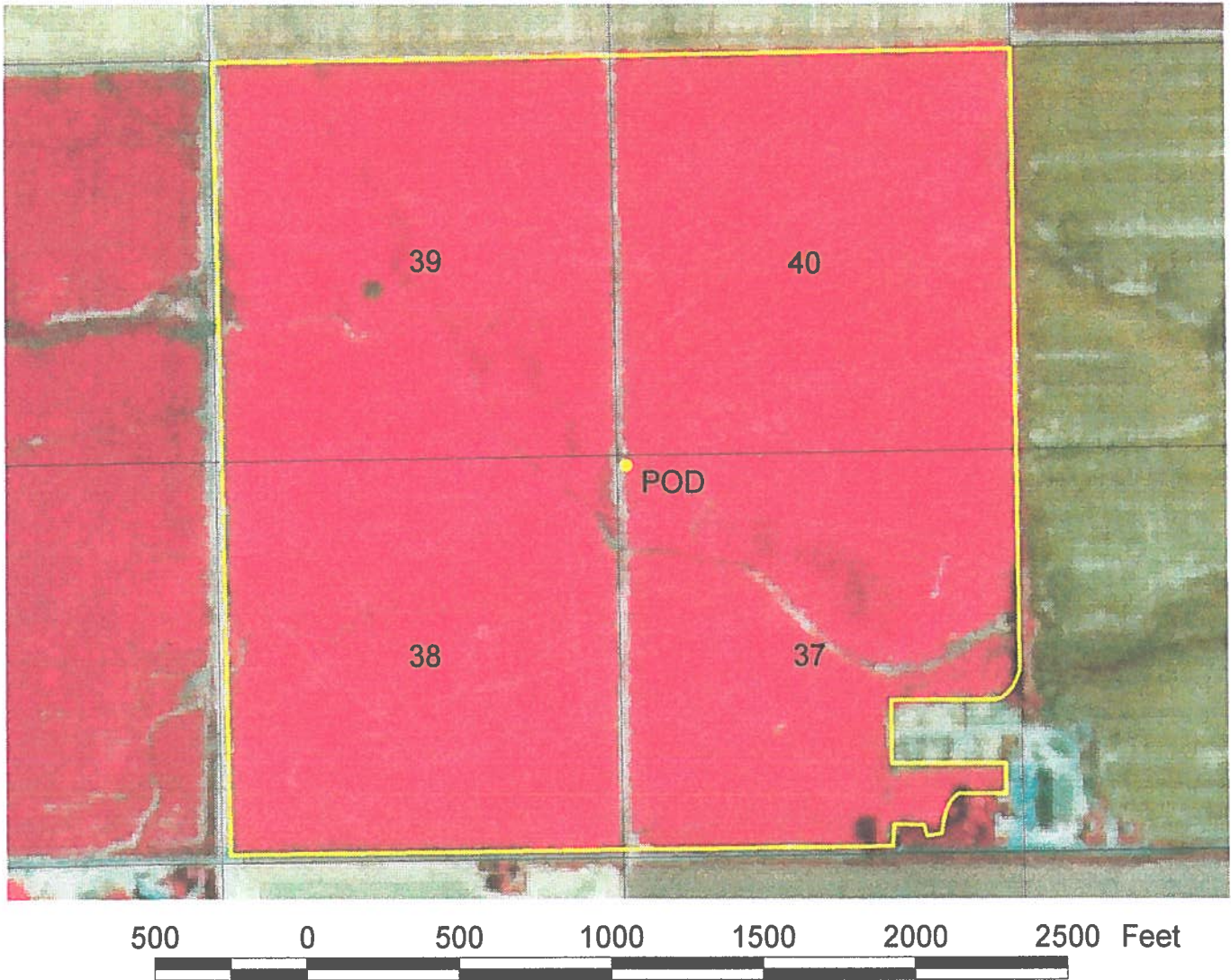
1. Describe the portion of the proposed recommendation with which you disagree (e.g. priority date, period of use, source):
2. Describe the changes you wish to make in the proposed recommendation:
3. Give a brief explanation as to why you disagree with these portions:

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

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

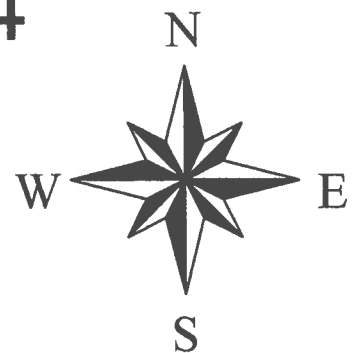
IDWR Eastern Regional Office, 900 N. Skyline Drive, Suite A, Idaho Falls, ID 83402-1718, (208) 525-7161

35-02167B



T06S R30E S25 SW1/4

Map prepared by: Carter Fritschle
Date prepared: 04/20/98
1987-1988 NAPP photography
Total recommended acres: 154



AJ0749NP
No. R35-021678

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

DATE: 11/08/93
PAGE: 1

OWNER
CODE NAME & ADDRESS

PRIORITY
DATE

WATER USE

USE PERIOD
FROM TO

DIVERSION
RATE

DIVERSION
VOLUME

C SYLVIA SCHROEDER
CLARENCE SCHROEDER
2308 S MOSER RD
AMERICAN FALLS ID 83211
(208) 226-2007

04/07/1950 IRRIGATION

04-01 10-31

1.83 CFS

616.0 AFA

TOTAL DIVERSION:
CONSUMPTIVE USE:

1.83 CFS

616.0 AFA
462.0 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion:

T06S R30E S25

NWSESW

BINGHAM County

Place of use Legal Description for: IRRIGATION

	NE	NW	SW	SE	
NENE NWNE SWNE SENE	:	NENW NWNW SWNW SENW	:	NESW NWSW SWSW SESW	:
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	:
06S 30E 25 :	:	:	:	:	:
	:	:	40 39 38 37	:	:
			TOTAL ACRES		154.0
					154.0

POU County: BINGHAM

Non-Irrigation Uses: NONE

Other Rights: 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: 11/08/1993

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

Comments: Date: 11/08/1993 User-ID: KEEN Subject: CLAIM REVIEW
MUCH OF THE REVIEW RELIES UPON THE FIELD INVESTIGATION CONDUCTED
BY LYNN BUSHAW FOR A35-11531. DESKTOP REVIEW BY C. FRITSCHLE,
AND FINAL REVIEW AND DATA ENTRY BY S.W. KEEN ON 11-8-1993.

Audit: 11/08/93 KEEN

Steve S.W. Keen
11-8-93

deleted
7-27-98