

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: A36-07600

Date Received: 9/27/1989

Receipt No: S009418

Received By: *William J. [Signature]*
HB

**COPY FOR
YOUR FILES**

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

**COPY FOR
YOUR FILES**

1. Name: RICHARD F POTEET
Address: 788 E 800 N
RUPERT ID

208-531-5362

83350

OR

Name: HERBERT W POTEET
Address: 796 E 800 N
RUPERT ID

208-531-4170

83350

2. Date of Priority: JAN 19, 1976

3. Source: GROUNDWATER

Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08S	25E	12	SW	NW	SE		MINIDOKA

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

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	3.880		

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

A.F.A.

8. Total consumptive use is 924.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	25E	11	SE	NE		IRR	10.0

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10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
08S	25E	11	NE	SE		IRR	6.0
						Section Acres	16.0
		12	SW	NE		IRR	12.0
			SE	NE		IRR	2.0
			SW	NW		IRR	35.0
			SE	NW		IRR	23.0
			NE	SW		IRR	40.0
			NW	SW		IRR	40.0
			SW	SW		IRR	4.0
			SE	SW		IRR	17.0
			NE	SE		IRR	38.0
			NW	SE		IRR	40.0
			SW	SE		IRR	34.0
						Section Acres	285.0
		13	NW	NE		IRR	7.0
						Section Acres	7.0
						Total Acres	308.0

11. Place of use in counties: MINIDOKA

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

13. Other Water Rights Used:
NONE

14. Remarks:

FARM UNIT D.
DOMESTIC WELL IS IN SAME LOCATION, SEPARATE WELL & FILING.

ADDRESS CHANGE MADE 3/28/96 BY TLB.

15. Basis of Claim: LICENSE

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IDAHO DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION
222 SHOSHONE ST E
TWIN FALLS ID 83301
(208) 736-3033

PHILIP E BATT
GOVERNOR

RECEIVED
MAR 06 1996
KARL J. DREHER
DIRECTOR

Department of Water Resources
Southern Region

CHANGE IN ADDRESS OF THE NOTICE OF CLAIM
IN THE SNAKE RIVER BASIN ADJUDICATION

- ☐ Water Right Number(s): 36-02260
36-07600
- ☐ Old Mailing Address: RT 4 Box 223 Rupert Idaho
- ☐ New Mailing Address: 796 E 800N Rupert Idaho 83350
- ☐ New Telephone Number: Same (208) 531-4170
- ☐ Signature of Claimant(s): Herbert R. Batt
- Date: 3-4-96

FOR IDWR USE ONLY	
Initial Review and Data Entry	
Date:	By:
Further Action Needed:	
Further Action Taken	
Date:	By:
Final Review and Data Entry	
Date: 3/28/96	By: HB

A36-12736
A36-12737

MICROFILMED
DEC 5 1996

RECEIVED
MAR 06 1996

Department of Water Resources
Southern Region

IDAHO DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION
222 SHOSHONE ST E
TWIN FALLS ID 83301
(208) 736-3033

PHILIP E BATT
GOVERNOR

KARL J DREHER
DIRECTOR

CHANGE IN ADDRESS OF THE NOTICE OF CLAIM
IN THE SNAKE RIVER BASIN ADJUDICATION

☐ Water Right Number(s): 36-02089, 36-02260, 36-07600

☐ Old Mailing Address: Rt 4 Box 224 Rupert Ida 83350

☐ New Mailing Address: 788 E 800 N Rupert Ida 83350

☐ New Telephone Number: (208) 531 - 5362 or 531-4090

☐ Signature of Claimant(s): Richard F. Lott

Date: 3/4/96

FOR IDWR USE ONLY	
Initial Review and Data Entry	
Date:	By:
Further Action Needed:	
Further Action Taken	
Date:	By:
Final Review and Data Entry	
Date: <u>5/20/96</u>	By: <u>MB</u>

A36-12736
A36-12738

MICROFILMED
DEC 5 1996



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301-6105 (208) 736-3033

Fax (208) 736-3037

PHILIP E. BATT
Governor

KARL J. DREHER
Director

MARCH 28, 1996

RICHARD POTEET
788 E 800 N
RUPERT ID 83350

RE: SRBA CLAIM 36-02260, 36-07600, 36-12736, 36-12738

NOTICE OF ADDRESS CHANGE

DEAR CLAIMANTS:

IDWR HAS RECEIVED YOUR NOTICE OF THE CHANGE OF ADDRESS OF THE WATER RIGHT CLAIM(S) REFERENCED ABOVE. OUR RECORDS HAVE BEEN CHANGED ACCORDINGLY.

IF YOU SOLD THE PROPERTY, PLEASE CONTACT THIS OFFICE AT 208-736-3033.

SINCERELY,

TARA L BACKLUND
SNAKE RIVER BASIN ADJUDICATION
RECORDS CLERK

/TLB

MICROFILMED

DEC 5 1996



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301-6105 (208) 736-3033
Fax (208) 736-3037

PHILIP E. BATT
Governor

KARL J. DREHER
Director

MARCH 28, 1996

HERBERT POTEET
796 E 800 N
RUPERT ID 83350

RE: SRBA CLAIM 36-02260, 36-07600, 36-12736, 36-12737

NOTICE OF ADDRESS CHANGE

DEAR CLAIMANTS:

IDWR HAS RECEIVED YOUR NOTICE OF THE CHANGE OF ADDRESS OF THE
WATER RIGHT CLAIM(S) REFERENCED ABOVE. OUR RECORDS HAVE BEEN
CHANGED ACCORDINGLY.

IF YOU SOLD THE PROPERTY, PLEASE CONTACT THIS OFFICE AT
208-736-3033.

SINCERELY,

TARA L BACKLUND
SNAKE RIVER BASIN ADJUDICATION
RECORDS CLERK

/TLB

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DEC 5 1996

Southern

August 30, 1995

Water right holders in Basin 36 who have been sent a notice of violation:

<u>NAME</u>	<u>WATER RIGHT NO</u>	<u>DEADLINE</u>
John Reitsma		August 28, 1995
Don McFarland	36-02761, 3607157B	August 28, 1995
Marvin & Sonya Priebe	36-07535	August 28, 1995
Richard Poteet	36-07600	September 8, 1995
Frank Veenstra	36-07341, 36-07274	September 8, 1995
	36-02470, 36-02532	
Elden Lind	36-08583	September 11, 1995
Ronald May	36-02337	September 11, 1995
Eugene Hruza	36-02068	September 20, 1995
Layne Harper	36-02201	September 20, 1995
Rod Taylor	36-02498	September 20, 1995
Luis Bettencourt	36-02229	September 20, 1995
Delbert Kohtz	36-07416B	September 20, 1995
Irene & FF Gunning	36-02457	September 20, 1995
Bruce Hunsaker	36-02090, 36-02259	September 20, 1995
	36-02097, 36-02433	
	36-02618, 36-07627	

-Ross Hunsaker
-Mainline Ranches
-Dale Klinger

RECEIVED

SEP 01 1995

Department of Water Resources
Southern Region

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DEC 5 1996

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: A36-07600
Date Received: 9/27/1989
Receipt No: S009418
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: HERBERT W. POTEET 208-531-4170
Address: RT. 4 BOX 223
RUPERT, ID 83350
OR
Name: RICHARD F. POTEET 208-531-4170
Address: RT. 4 BOX 223
RUPERT, ID 83350
2. Date of Priority: JAN 19, 1976
3. Source: GROUNDWATER Trib. to:
4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
08S	25E	12	SW	NW	SE		MINIDOKA
5. Description of diverting works:
WELL AND PUMP, SPRINKLERS
6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	3.880		
7. Total Quantity Appropriated is:
3.880 C.F.S. (and/or) A.F.A.
8. Total consumptive use is 924.0 Acre Feet Per Annum.
9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
08S	25E	11	SE		NE		IRR	10.0
			NE		SE		IRR	6.0
			Section Acres					16.0
		12	SW		NE		IRR	12.0
			SE		NE		IRR	2.0
			SW		NW		IRR	35.0
			SE		NW		IRR	23.0
			NE		SW		IRR	40.0
			NW		SW		IRR	40.0
			SW		SW		IRR	4.0
			SE		SW		IRR	17.0
			NE		SE		IRR	38.0
			NW		SE		IRR	40.0
			SW		SE		IRR	34.0
			Section Acres					285.0
		13	NW		NE		IRR	7.0
			Section Acres					7.0
			Total Acres					308.0

11. Place of use in counties: MINIDOKA

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

13. Other Water Rights Used:
NONE

14. Remarks:
FARM UNIT D.
DOMESTIC WELL IS IN SAME LOCATION, SEPARATE WELL & FILING.

15. Basis of Claim: LICENSE

16. Signature(s)

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

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Herbert R. Poteet Date: 9-27-89

Date: _____

State of Idaho)
County of Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 27th day
of September 19 89

Stuart C. Allen
Notary Public

Seal

Residing at Twin Falls, Idaho

My Commission Expires December 7, 1994

NOT TO SCALE

Tract - HEL

T1058
1875

Tract - HEL

8.9

T1698
1250
1853

2
94.5

Tract - HEL

4
45.8

3 P.U.
20.1

P.D.

4
25.3
D/O wall
A36-12736

T1693
1407

NOT HEL

1
23.2

HEL
2
19.0

NOT HEL
3
12.5

NOT HEL
4
10.2

6
4.5

SEE OIO

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FEB 04 1993

8S. 2SE.

A36-07600

Water Right Number - R36-07600

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***

POTEET	RICHARD F	1 - 788 E 800 N	
		2 -	
		3 -	
		City- RUPERT	State- ID Zip- 83350
		Phone - 208-531-5362	
POTEET	HERBERT W	1 - 796 E 800 N	
		2 -	
		3 -	
		City- RUPERT	State- ID Zip- 83350
		Phone - 208-531-4170	

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +

01/19/1976 17 SOUTHERN L - LICENSE

+ - - - - Source - - - - - + + - - - - - Tributary - - - - - +

GROUNDWATER

+ - - - - Point of Diversion - - - - - +						
Twn	Rng	Sec	Tract	Lot	RFlg	County
08S	25E	12	SW NW SE		(67)	MINIDOKA

+ - - - - Water Use - - - - - +						
Code	Description	Period From	Period To	Diversion Rate	Diversion Volume	
01 - IRRIGATION		04/01	10/31	3.880	1232.00	

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +

3.880 1232.00 924.0

+ - - - - Place of Use - - - - - +								
Twn	Rng	Sec	Tract	Lot	Acres	Code	Description	County
08S	25E	11	SE NE		10.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	11	NE SE		6.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SW NE		14.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SE NE		4.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SW NW		36.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SE NW		22.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	NE SW		40.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	NW SW		40.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SW SW		3.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SE SW		14.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	NE SE		40.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	NW SE		40.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	12	SW SE		34.0	01	IRRIGATION	(67) MINIDOKA
08S	25E	13	NW NE		5.0	01	IRRIGATION	(67) MINIDOKA

Total Acres: 308.0

*updates
12-2-97
K/KC*

Prefix Translation: RESEARCH

+ - - Diversion Means - WELL AND PUMP. SPRINKLERS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - SEE COMMENTS

Remarks

GEN. PROPERTY IS ALSO KNOWN AS TRACT D (with modifications).

+ - - - - - Old Water Right Numbers - - - - - +

No Old Water Right Numbers found.

+ - - - - - Conditions of Approval - - - - - +

S01 - USE OF THIS RIGHT IS COMBINED WITH WATER FROM
- A & B IRRIGATION DIST.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +

00/00/0000

+ - - Audit Fields - 08/06/97 DSHAFF

[illegible]

Date: 04/05/1991 User Id: WORSTELL Subject: CLARIFYING NOTES

ORIGINAL MAP SUBMITTED WITH CLAIM WAS INCOMPLETE. SEE REVISED MAP THAT CONFORMS TO WATER RIGHT LICENSE MAP. RVW 4/3/91
DOMESTIC WELL IS NEAR IRRIGATION WELL - (A36-12736)

Date: 03/28/1996 User Id: TBACKLUN Subject: NAME AND/OR ADDRESS CHANGE

ADDRESS CHANGE MADE WITH IDWR FORM AND SF3.

[illegible]

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 09/27/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	-
Licensed Date	- 00/00/0000	Receipt Number	- S009418	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	- OR	Notice of Error Flag	-

NO. OF CLAIMS IN POLYGON 1
CLAIM NUMBERS 36-07600

DATE 7/15/97
AGENT J

TRANSFER NUMBER _____
OBJECTION FILED no
TOTAL ACRES FROM RECOMMENDATION 308
GEOGRAPHIC INFO SYSTEM 304.39

RIGHT NO				NE				NW				SW				SE			
	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
RECOM	085	25E	11				10									6			16
GIS							9.61									4.81			14.42
RECOM	085	25E	12			14	4			36	22	40	40	3	14	40	40	34	287
GIS						16.07	6.58			37.19	20.94	39.53	39.02	2.52	12.37	39.5	39.53	29.47	284.67
RECOM	085	25E	13		5														5
GIS					4.69														4.69
RECOM																			
GIS																			

B36-DBPOU.DBF 192 ✓
B36-DBPOD.DBF 204 ✓
ATTRIBUTES OF B36-POU.SHP (192) _____
ATTRIBUTES OF B36-POD.SHP (204) SWNWSE-12

P/U CONFLICT yes () no (✓)
P/D CONFLICT yes () no (✓)
SENT FOR DECREE yes (✓) no ()

R PROOF



CVR



MAPS



PHOTOS



MISC



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FEB 04 1993

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT
(REGIONAL)

Water Right Number - R36-07600

Prefix Translation: RESEARCH

Old (D) Number -

+ - - - - Last Name - - - - + + - First Name - - + + - - - - - Address - - - - - +

*** C - CURRENT OWNER ***
POTEET

HERBERT W.

1 - RT. 4 BOX 223

2 -

3 -

City- RUPERT

Phone - 208-531-4170

State- ID Zip- 83350

POTEET

RICHARD F.

1 - RT. 4 BOX 223

2 -

3 -

City- RUPERT

Phone - 208-531-4170

State- ID Zip- 83350

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
01/19/1976 17 SOUTHERN L - LICENSE+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
GROUNDWATER+ - - - - - - - - - - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County

08S 25E 12 SW NW SE (67) MINIDOKA

+ - - - - - - - - - - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 03/15 11/15 3.880 1232.00+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
3.880 1232.00 924.0+ - - - - - - - - - - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
08S 25E 11 SE NE 10.0 01 IRRIGATION (67) MINIDOKA
08S 25E 11 NE SE 6.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SW NE 14.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SE NE 4.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SW NW 36.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SE NW 22.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 NE SW 40.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 NW SW 40.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SW SW 3.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SE SW 14.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 NE SE 40.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 NW SE 40.0 01 IRRIGATION (67) MINIDOKA
08S 25E 12 SW SE 34.0 01 IRRIGATION (67) MINIDOKA
08S 25E 13 NW NE 5.0 01 IRRIGATION (67) MINIDOKA

VERIFIED BY

MICROFILMED

FEB 04 1993

Prefix Translation: RESEARCH

| Place of Use | | | | | | | |
|--------------|-----|-----|-------|-----|-------|------|-------------|
| Tw | Rng | Sec | Tract | Lot | Acres | Code | Description |
| | | | | | | | County |

Total Acres: 308.0

+ - - Diversion Means - WELL AND PUMP, SPRINKLERS

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - SEE COMMENTS

| + | ----- | Remarks | ----- | + |
|---|-------|---|-------|---|
| | | PROPERTY IS ALSO KNOWN AS TRACT D (with modifications). | | |

```
+-----+----- Old Water Right Numbers -----+
```

+ - - - - - Conditions of Approval - - - - - +
S01 - USE OF WATER UNDER THIS RIGHT IS COMBINED WITH WATER FROM
- A & B IRRIGATION DIST.

+ - - - Decree Plaintiff + - - - Decree Defendant + - Decree Date - +
00/00/0000

+-----Comments-----+

+ - - Audit Fields - - +
11/21/91 CHRISTEN

+ - - - - - Adjudication Rights Dates and Flags Area - - - - - +

| | | | | | |
|----------------------|--------------|-----------------------|--------------|-------------------------|---------|
| Court Report Filing | - 00/00/0000 | Field Inspection Made | - 00/00/0000 | Civil Case Number | - 39576 |
| Objection Filed Date | - 00/00/0000 | Field Inspection Flag | - | Old Case Number | - |
| Response Filed Date | - 00/00/0000 | Verified Date | - 11/21/1991 | Old Judicial District | - |
| Claim Received Date | - 09/27/1989 | Last Amended Date | - 00/00/0000 | Temporary Right | - P |
| | | Receipt Number | - S009418 | Water District | - |
| | | POU Ownership Flag | - Y | Federal/State Indicator | - S |
| | | Name Connector | - OR | Presumption Flag | - |
| | | | | Notice of Error Flag | - |

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FEB 04 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

14:59:01
08/17/90

PAGE: 13
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-07600

| WR 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 | N | | | N | | | | |
| POINT OF DIV | Y N | | | N | 1,2 | | | |
| SOURCE | N | | | N | | | | |
| PLACE OF USE | Y N | | | Y | 2 | | | |
| DIV. AMOUNT
CFS/VOLUME | N | | | Y | | | | |
| CONSUMPTIVE USE | | | | N | | | | |
| PURPOSES | N | | | N | | | | |
| PERIOD OF USE | N | | | N | | | | |
| BASIS OF CLAIM | N | | | N | | | | |
| REMARKS | Y Y | | | Y | | | | |

"VERIFIED BY" CODES

TOPO MAP/ORTHO-PQ = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAPP 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.

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FEB 04 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

14:59:01
08/17/90

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A36-07600

LAST: POTEET
ADDRESS: RT. 4 BOX 223
CITY: RUPERT
PHONE NUMBER: 208-531-4170

FIRST: HERBERT W.

STATE: ID ZIP: 83350

OWNER CODE: C

LAST: POTEET
ADDRESS: RT. 4 BOX 223
CITY: RUPERT
PHONE NUMBER: 208-531-4170

FIRST: RICHARD F.

STATE: ID ZIP: 83350

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE
Y

FIELD
EXAMINER
N

CLAIM REMARKS:

FARM UNIT D. = Lot 96
DOMESTIC WELL IS IN SAME LOCATION, SEPARATE WELL & FILING. A36-12736

ORIGINAL CLAIM MAP INCOMPLETE - SEE REVISED MAP

MICROFILMED

FEB 04 1993

CONTACT PERSON: HERBERT POTEET

PHONE NUMBER: () -

DATE OF FIELD EXAM: 4/3/91

APPOINTMENT MADE: Y(☒) N()

TIME: 4/3 : 2:00 A() P(☒)

ACCOMPANIED BY: _____

PHONE NUMBER: (208) 531 - 4170

RELATIONSHIP TO CLAIMANT: Self

DIRECTIONS TO PROPERTY / REMARKS:

800 N, 800 E - RUPERT

MR. POTEET verified that the map submitted with his claim
did not include all the land he irrigates with this claim. The
land corresponds to the land included in the map made when
his license was examined.

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A. AJ CLAIM: # A36-07600 PRIORITY DATE: 01-19-1976 STAGE: L
B. WR RECORD: # 36-07600 PRIORITY DATE: 01-19-1976 STAGE: L

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

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

REMARKS:

=====

RECOMMENDED PRIORITY DATE:
01-19-1976

REVIEWED BY B.V. 26.

DATE 11/27/90

=====

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

| RIGHT | TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | CNTY |
|----------------------------------|------|------|------|----------------------------------|-----|-----|-----|----------|
| A36-07600 | 08S | 25E | 12 | SW | NW | SE | | MINIDOKA |
| OTHER AJ CLAIMS WITH SAME AJ POD | | | | WR RECORDS IN SAME 40 ACRE TRACT | | | | |
| A PREFIX | | | | R PREFIX | | | | |
| A36-12736 | | | | NONE | | | | |

SOURCE: GROUNDWATER

TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

| RIGHT | TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | CNTY |
|-----------------------------------|------|------|------|---------------------------------|-----|-----|-----|----------|
| 36-07600 | 08S | 25E | 12 | | NW | SE | | MINIDOKA |
| OTHER WR RECORDS WITH SAME WR POD | | | | AJ CLAIMS IN SAME 40 ACRE TRACT | | | | |
| | | | | A PREFIX R PREFIX | | | | |
| NONE | | | | A36-12736 NONE | | | | |

SOURCE: GROUNDWATER

TRIB:

C. FIELD EXAM REQUIRED?

| | DUE TO POD DISCREPANCY? (Y/N) | DUE TO SOURCE DISCREPANCY? (Y/N) | DATABASE | FIELD EXAMINER |
|--|-------------------------------|----------------------------------|----------|----------------|
| | Y | N | Y | <u>✓</u> |
| | | | N | <u>✓</u> |

REMARKS:

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

| TWP. | RGE. | SEC. | 1/4 | 1/4 | 1/4 | LOT | COUNTY |
|-----------|------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| <u>8S</u> | <u>25E</u> | <u>12</u> | <u>SW</u> | <u>NW</u> | <u>SE</u> | <u> </u> | <u>Minidoka</u> |

SOURCE: GROUNDWATER

TRIB:

REVIEWED BY:

R.V. Sk.

DATE:

11/27/90

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A. ROOT WATER RIGHT NUMBERS: A36-07600

B. POU LISTING

| TWP | RNG | SEC | 1/4 | 1/4 | LOT | NAME | AJ
#/ACRES | WR
#/ACRES | LANDSAT
DATA | FIELD
EXAM. | RECOMM.
ACRES |
|-------------|-----|-----|-----|-----|-----|--|---|-----------------------------------|-----------------|----------------|------------------|
| 08S | 25E | 11 | SE | NE | 96 | POTEET, HERBERT W. | A36-07600 /10.0
A36-02080Z3 9.0 | 36-07600 /10.0 | | | |
| 08S | 25E | 11 | NE | SE | 96 | POTEET, HERBERT W. | A36-07600 / 6.0
A36-02080Z3 5.0 | 36-07600 / 6.0 | | | |
| 08S | 25E | 12 | SW | NE | " | POTEET, HERBERT W. | A36-07600 /12.0
-02080Z3 4.0 | 36-07600 /12.0 | | | |
| 08S | 25E | 12 | SE | NE | " | POTEET, HERBERT W. | A36-07600 / 2.0
-02080Z3 31.0 | 36-07600 / 2.0 | | | |
| 08S | 25E | 12 | SW | NW | " | POTEET, HERBERT W. | A36-07600 /35.0
-02080Z3 36.0 | 36-07600 /35.0 | | | |
| 08S | 25E | 12 | SE | NW | " | POTEET, HERBERT W. | A36-07600 /23.0
-02080Z3 17.0 | 36-07600 /23.0 | | | |
| 08S | 25E | 12 | NE | SW | " | POTEET, HERBERT W. | A36-07600 /40.0
-02080Z3 17.0 | 36-07600 /40.0 | | | |
| 08S | 25E | 12 | NW | SW | " | POTEET, HERBERT W.
POTEET, HERBERT W. | A36-07600 /40.0
A36-12736 /
-02080Z3 39.0 | 36-07600 /40.0
-
36-07600 / | | | |
| 08S | 25E | 12 | SW | SW | " | POTEET, HERBERT W. | A36-07600 / 4.0
-02080Z3 3.0 | 36-07600 / 4.0 | | | |
| 08S | 25E | 12 | SE | SW | " | POTEET, HERBERT W. | A36-07600 /17.0
-02080Z3 9.0 | 36-07600 /17.0 | | | |
| 08S | 25E | 12 | NE | SE | " | POTEET, HERBERT W. | A36-07600 /38.0 | 36-07600 /38.0 | | | |
| 08S | 25E | 12 | NW | SE | " | POTEET, HERBERT W. | A36-07600 /40.0
-02080Z3 0.5 | 36-07600 /40.0 | | | |
| 08S | 25E | 12 | SW | SE | " | POTEET, HERBERT W. | A36-07600 /34.0 | 36-07600 /34.0 | | | |
| 08S | 25E | 13 | NW | NE | | POTEET, HERBERT W.
MAI, GARY B. | A36-07600 / 7.0
A36-04016 /34.0 | 36-07600 / 7.0
36-04016 /34.0 | | | |
| TOTAL ACRES | | | | | | | A36-07600 308.00
A36-02080Z3 145.00 | 308.00 145.00 | | | |

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER
N

Note: PDU's of A+B Irrig. Dist. Claims not printed out because they are listed with "LOTS" which are related to A+B "Tracts".
LOT 96 corresponds to "Tract D."

* These areas not included in map submitted with claim.
MAP is in error

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Recommend
acres within
10
6 follow-up

See attached map for recommendation.
acres modified within the
P/U Boundary to conform the
ASCS map. Acres not
shifted but not
11-21-91 limited to lot size
within that Q/Q
see gov. lot plat.
outside of follow-up.
R.V. 11/28/90.

PRESUMPTION FLAG:

REMARKS:

RECOMMENDATIONS:

TOTAL ACRES:

REVIEWED BY:

DATE:

304
~~308~~

R.V. W.

11/27/90 + 3/29/91

Recommend
308 acres
KKC

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A. AJ CLAIMED USES:

PURPOSES MONTH/DAY
A36-07600 IRRIGATION FROM 03-15 TO 11-15
TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
3.880 CFS 3.88
3.880 CFS 3.88

B. WR RECORDED USES:

PURPOSES MONTH/DAY
36-07600 IRRIGATION FROM 03-15 TO 11-15
TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
3.880 CFS 924.00 AF/A 12.16
3.880 CFS 924.00 AF/A 12.16

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

| | DATABASE | FIELD EXAMINER |
|--|----------|----------------|
| DUE TO WATER-USE DISCREPANCY? (Y/N) | N | <u>N</u> |
| DUE TO DIVERSION RATE DISCREPANCY? (Y/N) | N | <u>N</u> |
| DUE TO PERIOD FROM/TO DISCREPANCY? (Y/N) | N | <u>N</u> |

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y(✓) N()

RECOMMEND TO WR STANDARDS OR OTHER?

Y() N() Explain in remarks, below.

REMARKS:

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 3.880 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 3.880 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

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

Y

N

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FEB 04 1993

B.

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

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

(See Page 11)

OTHER RIGHTS LISTED IN CLAIM: ~~NONE~~ A+B Irrig Dist.

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

| CLAIM | SOURCE | NAME | DIV. RATE | DIV. RATE/ACRE | DIV. VOL. | DIV. VOL./ACRE |
|-------------|-------------|--------------------|-----------|----------------|-----------|----------------|
| A36-07600 | GROUNDWATER | POTEET, HERBERT W. | 3.880 | 0.012 | | |
| A36-04016 | GROUNDWATER | MAI, GARY B. | 3.600 | 0.020 | | |
| A36-0208023 | " | A+B Irrig. Dist. | 2.9 | 0.009 | | |

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

| CLAIM NO. | PURPOSES | NAME | MONTH/DAY | RATE | VOLUME |
|-----------|----------|--------------------|---------------------|----------|--------|
| A36-12736 | DOMESTIC | POTEET, HERBERT W. | FROM 01-01 TO 12-31 | .040 CFS | |

D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 308 x 0.02 CFS/ACRE = 6.16 CFS
204 (Taken from p/u review)

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

1b. CALCULATIONS

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 924.0 AF/A

ACRES 304 x CONSUMPTIVE VOL. AF/A FOR AREA 3 =

TOTAL CONSUMPTIVE USE 924 AF/A
912 ← 912

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = — AF/A

ACRES 304 x DIVERSION VOL. AF/A FOR AREA 4 =

TOTAL DIVERSION VOLUME 1232 AF/A
1056 1216

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N(☒)

REMARKS: (Include limitations on CONSUMPTIVE USE for combined rights.)

When this claim is combined with water delivered under A+B Irrig. Dist. Claims
A36-0208023, the Irrigation Rate shall not exceed 6.16 cfs and the annual diversion
Volume shall not exceed 1232 acre feet. 5.28
1056

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RECOMMENDATIONS:

| REC. PURPOSES | REC. PERIOD FROM TO | REC. DIV RATE CFS | REC. DIV VOL. AF/A | REC. CONS. USE |
|----------------------|---------------------|---|---|---|
| IRRIGATION | 03-15 11-15 | DATABASE 3.880
EXAMINER 5.88 3.88 | DATABASE 1230 1056
EXAMINER | DATABASE 924.0
EXAMINER 924 792 |
| TOTAL FOR THIS RIGHT | | 3.880 | | 924.0 |

REVIEWED BY:

R.V. 26

DATE:

11/28/90

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FEB 04 1993

Overlap Review

T85 R25E Sec

11

SE NE

NE SE

12

SW NW

NE SW

NW SW

SW SW

SE SW

H. Poteet
A36-07600

10 ac.

6

35

40

40

4

17

A+B Irrig. Dist.
A36-02080 Z3

9 ac.

5 ac.

36.0

17.0

39.0

3.0

9.0

118

Overlap

9 ac

5 ac.

35 ac

17

39

3

9.

117 Total.

A. CHECK ONLY THE FOLLOWING THAT APPLY:

| | ACCEPTED
AS CLAIMED | NEEDS
REVIEW |
|------------------------------|---|-----------------|
| OWNERSHIP _____ | (☒) | () |
| FORFEIT/ABANDON _____ | (☐) | () |
| ADDITIONAL DIV. AMOUNT _____ | (☐) | () |

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-07600

| | | | |
|-----------------------------------|-------------------|-------------------------|-----|
| TOTAL DIVERSION RATE OF WR SPLITS | DATABASE
3.880 | EXAMINER
<u>3.88</u> | CFS |
|-----------------------------------|-------------------|-------------------------|-----|

SPLITS:

| OLD RIGHT
NUMBERS | CURRENT
CLAIM NUMBERS | DIVERSION
RATE | CURRENT "R"
CLAIM NUM. | "R" DIV.
RATE | WR RIGHT
NUMBERS | DIVERSION
RATE |
|----------------------|--------------------------|-------------------|---------------------------|------------------|---------------------|-------------------|
| - | A36-07600 | 3.880 | - | | 36-07600 | 3.880 |
| TOTAL CFS | | 3.880 | | | | 3.880 |

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
Y | FIELD
EXAMINER
<u>Y</u> |
|---------------|-------------------------------|

REMARKS:

*This claim + the claim of the A+B. Irrig. District (A36-0208023) overlap.
The A+B claim overlaps 145 acres of the 308 acres of this claim. See
"Remarks" on page 10.*

AUTHENTICATION:

SIGNATURE: R. V. Worstell

DATE: 11/28/90

NAME OF FIELD EXAMINER: R. V. WORSTELL

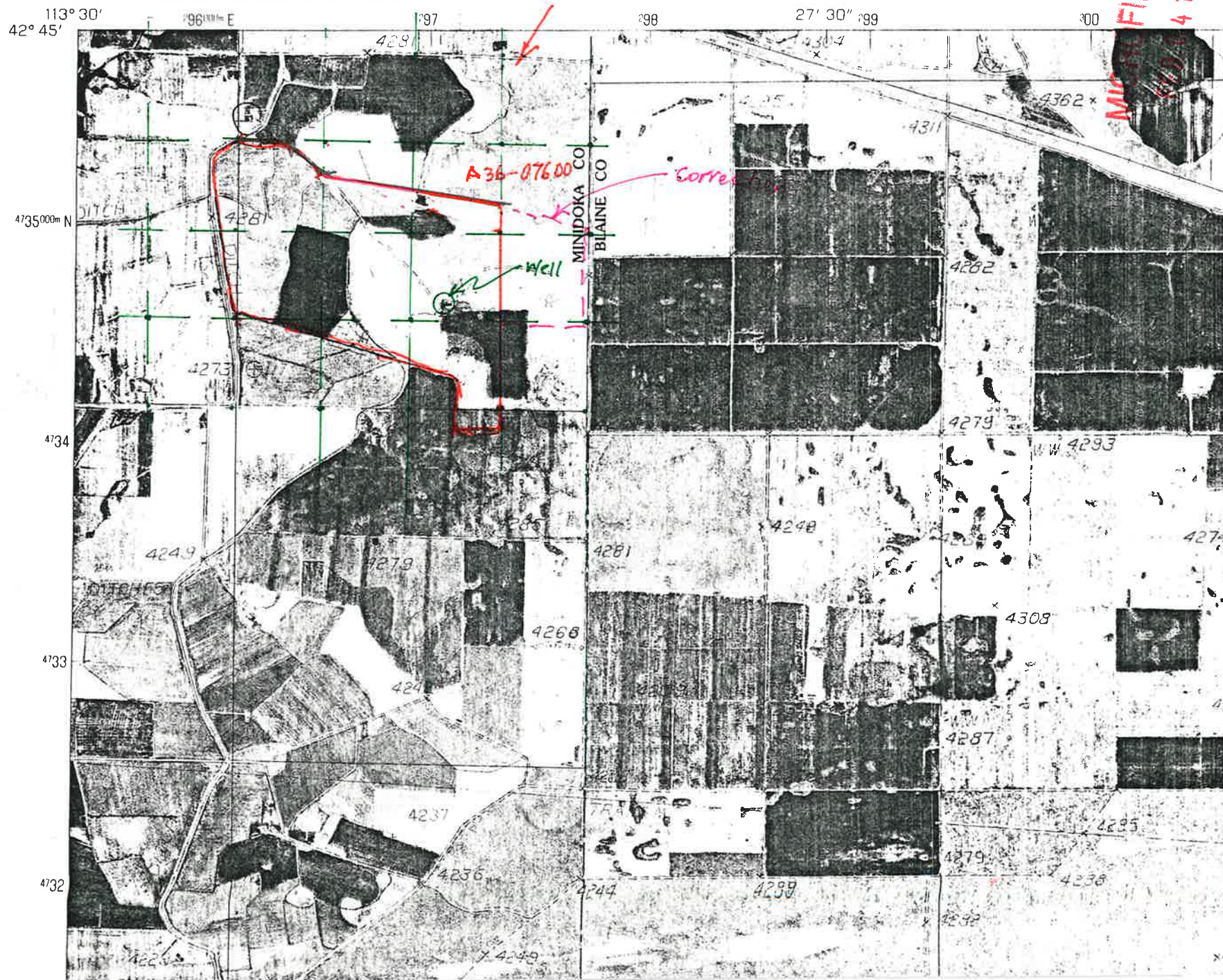
TITLE: Sr. Water Right Agent

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FEB 04 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DBS 25E Sec 12

RECEIVED
MAY 14 1993



NOT TO SCALE

Tract - HEL

T1058
1875

Tract - HEL

CLAIM INIT
T. R. S. Q/Q
P/D PS 25E 12 SW/NW/SE
PHOTO
DT. & ID.
A36 - 7600

T1698
1250
1853

2 4/3/7
94.5

4
45.8

Tract - HEL

(22)

(14)

(4)

(10)

(36)

(6)

(40)

(40)

(40)

(40)

P/D THIS CLAIM

(3)

(14)

(34)

P/D For A36-12736

T1693
1407

NOT HEL

23.2

NOT HEL

NOT HEL

HEL
2
19.0

11 12
14 13

SEE 010

QS. 25E.

A36 - 12736

RECOMMENDED PERMISSIBLE PLACE OF USE:

CLAIMS: A36-7600

| NUMBER | TNS | RNG | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTAL | SYSTEM TOTAL |
|-------------|-------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------|
| | | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | | |
| RECOMMENDED | ACRES | 8S | 25E | 11 | | | 10 | | | | | | | | | 6 | | | | 16 | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| NUMBER | TNS | RNG | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTAL | SYSTEM TOTAL |
|-------------|-------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------|
| | | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | | |
| RECOMMENDED | ACRES | 8S | 25E | 12 | | 14 | 4 | | | 36 | 22 | 40 | 40 | 3 | 14 | 40 | 40 | 34 | | 287 | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| NUMBER | TNS | RNG | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTAL | SYSTEM TOTAL |
|--------------|-------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------|
| | | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | | |
| RECOMMENDED | ACRES | 8S | 25E | 13 | 5 | | | | | | | | | | | | | | | 5 | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| SYSTEM TOTAL | | | | | | | | | | | | | | | | | | | | 308 | |

| NUMBER | TNS | RNG | SEC | NE | | | | NW | | | | SW | | | | SE | | | | TOTAL | SYSTEM TOTAL |
|--------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------|
| | | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

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The following table summarizes the key information from each tract shown in the survey:

| Tract Label | Area Value | Acreage (in parentheses) |
|-------------|------------|--------------------------|
| Tr. L | 183.78 | (183.76) |
| Tr. C | 150.34 | - |
| Tr. B | 128.70 | - |
| Tr. D | 267.93 | (242.27) |
| Tr. E | Sec. 122 | - |
| Tr. F | 319.24 | (222.50) |

from
Govt LOT File

ORIGINAL
BOUNDARIES OF
TRACT D SEC 12
~~2~~ A+B Irrig. Dist.

85 25E

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 36-07600

Priority: January 19, 1976

Maximum Diversion Rate:
Annual Consumptive Volume:

3.88 CFS
924.0 AF

This is to certify, that HERBERT W. POTEET
RT. 4 BOX 223
RUPERT, ID 83350

has complied with the terms and conditions
of the permit issued pursuant to Application for Permit dated January 19, 1976, and
has submitted proof to the Department of Water Resources on December 9, 1983, that
water has been applied to a beneficial use; an examination by the Department indicates
that the works have a diversion capacity of 3.950 cfs of water from a GROUNDWATER
source and that a water right has been established as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

ANNUAL VOLUME

IRRIGATION

03/15 to 11/15

3.88 CFS

924.0 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSE, Sec. 12, Township 08S, Range 25E
MINIDOKA County

PLACE OF USE: IRRIGATION

| <u>TWN</u> | <u>RGE</u> | <u>SEC</u> | <u>ACRES</u> | <u>ACRES</u> | <u>ACRES</u> | <u>ACRES</u> | <u>TOTAL</u> |
|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|
| 08S | 25E | 11 | SENE 10 | NESE 6 | | | |
| | | 12 | SWNE 12 | SENE 2 | SWNW 35 | | 16 |
| | | | SENE 23 | NESW 40 | NWSW 40 | | |
| | | | SWSW 4 | SESW 17 | NESE 38 | | |
| | | | NWSE 40 | SWSE 34 | | | 285 |
| | | 13 | NWNE 7 | | | | 7 |

Total number of acres irrigated: 308

CONDITIONS/REMARKS:

1. The right to the use of water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 17th
day of MAY, 1989.

Acting

R. Keith Higginson, Director

MICROFILMED
FEB 04 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

RECEIVED
MAR 3 1986

36-7600
Permit No.

Department of Water Resources

1. Measurement Calculations

a) Field Measurement Calculations (Include theoretical capacities and system capacity)

$$G = \frac{88 \text{ HP}}{\text{TDH}} \times \text{eff.} \quad \text{Mean PWL } 220' \quad \text{TDH} = 48 \text{ psi} \times 2.31 \frac{\text{ft}}{\text{psi}} = 110.9 + 220' \quad \text{HP} = 200$$

$$\text{Pump Pressure } 48 \text{ psi} \quad \text{TDH} = 331 \text{ ft} \quad \text{Assume } 80\% \text{ eff}$$

$$G = \frac{88(200)}{331} \times 80 = 4.25 \text{ cfs} \quad \text{Theoretical Capacity}$$

Apply 400 Gpm Flow Control Valve and 32% pressure = 45 psi = 32 x 4.25 gpm = 151

$$400 \times 5 = 2000 + 151 = 2151 \text{ gpm} = 44.8 \text{ cfs} \quad \text{Estimated flow @ 75\% eff flow} = 3.49 \text{ cfs}$$

Measurement (See attached) follows under computation sheet

West pipe 2.35 cfs

East pipe 1.6 cfs

Total 3.95 cfs

b) Volume Calculations for Irrigation:

$$V_{in} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 308^A \times 4.0 = 1232 \text{ AF/Acr}$$

$$V_{Dn} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 3.95 \times 24 \times 1.9835 = 1912.5 \text{ AF/Acr}$$

$$V = \text{Smaller of } V_{in} \text{ and } V_{Dn} = 1232 \text{ AF/Acr}$$

c) Volume Calculations for Other Uses:

2. Overlap Review

a) Other water rights with same place of use: _____

b) Other water rights with same point of diversion: _____

c) Analysis: _____

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East Pipe

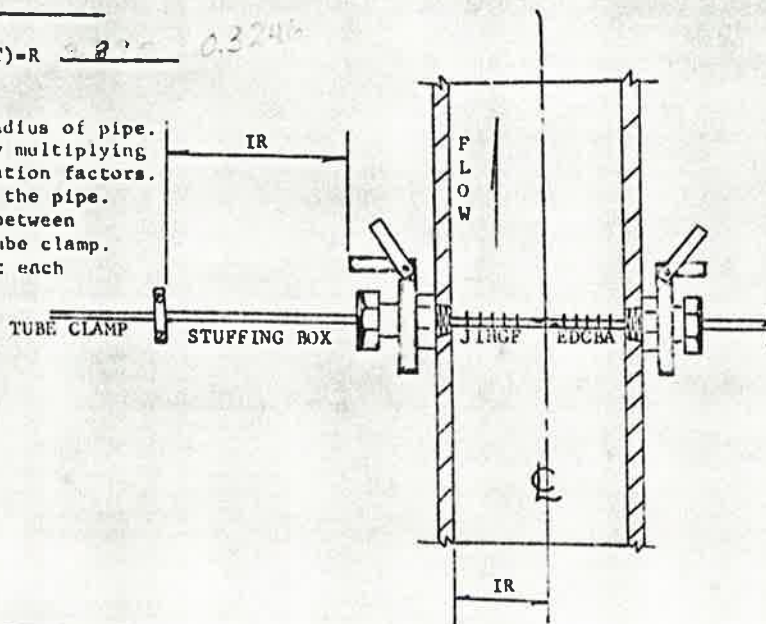
Potest
36-7601

PIPE CIRCUMFERENCE (C) _____

WALL THICKNESS (T) 1

INSIDE RADIUS (.1592C-T)=R 0.3246

1. Determine inside radius of pipe.
2. Compute stations by multiplying inside radius X station factors.
3. Center orifices in the pipe.
4. Set inside radius between stuffing box and tube clamp.
5. Measure velocity at each station.



| STATION FACTORS | | STATIONS | | VELOCITY | |
|-----------------|-------|----------|--|----------|--|
| F | | (IR/F) | | | |
| A | .051 | | | | |
| B | .163 | | | | |
| * C | .293 | | | | |
| D | .453 | | | | |
| E | .684 | | | | |
| F | 1.316 | | | | |
| G | 1.547 | | | | |
| * H | 1.707 | | | | |
| I | 1.837 | | | | |
| J | 1.949 | | | | |

$$Q = 3.1416(IR)^2 \bar{V}$$

* To be used only with the two-point method of determining the average velocity.

Q = (0.3246)^2 4.84 = 1.625

48 PSI

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FEB 04 1993

WEST PIPE

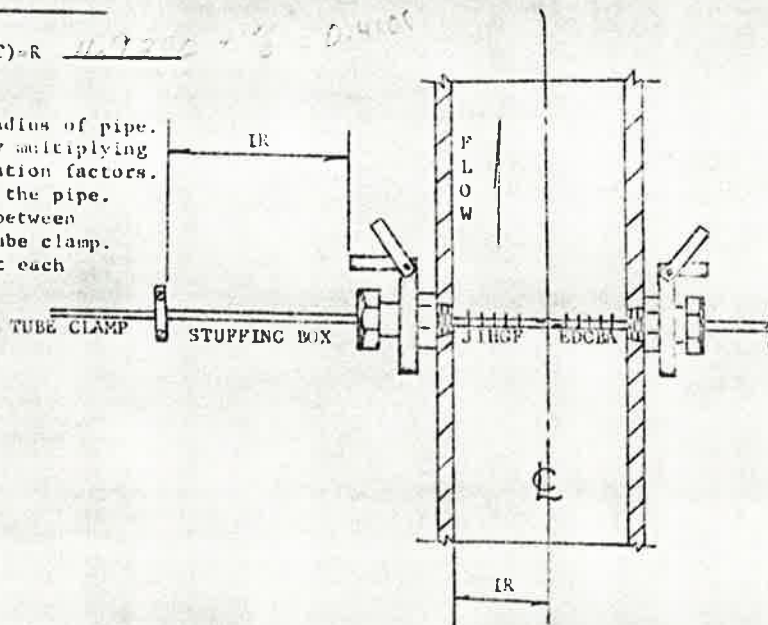
Point
36 1600

PIPE CIRCUMFERENCE (C) 91.25

WALL THICKNESS (T) _____

INSIDE RADIUS (.1592C-T)=R 14.725 - .4108 = 14.314

1. Determine inside radius of pipe.
2. Compute stations by multiplying inside radius X station factors.
3. Center orifices in the pipe.
4. Set inside radius between stuffing, box and tube clamp.
5. Measure velocity at each station.



| STATION FACTORS
F | STATIONS
(IR(F)) | VELOCITY |
|----------------------|---------------------|----------|
| A .051 | | |
| B .163 | | |
| * C .293 | | |
| D .453 | | |
| E .684 | | |
| F 1.316 | | |
| G 1.547 | | |
| * H 1.707 | | |
| I 1.837 | | |
| J 1.949 | | |

$$Q=3.1416(IR)^2 \bar{V}$$

* To be used only with the two-point method of determining the average velocity.

Q = 3.1416 (14.314)² (2.35) = 2350

1.2

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Change in Nature of Use Analysis 36-7600

| | Q | | Vol |
|------------|-----|--|--------------------|
| Domestic | .06 | 2 homes x $\frac{1}{2}$ acre x 4 AF/acre | 4 AF/A |
| | | 2 homes x .6 AF/acre/home (irrigation) | 1.2 AF/A |
| Stockwater | .07 | 300 hd | <u>4.1 AF/acre</u> |
| | | | 9.3 AF/acre |

Convert to Irrigation use

9.3 AF to be used in 245 days = $0.038 \text{ AF/day} = 0.0192 \text{ cfs}$

plus an additional 0.02 cfs for irrigation use

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E 544
(123E)

A
146.9
2+1
11 12

Twp. 8 S. Rge. 25 E.

1+6
12 7

B
4.8

C
6.4

E 119
(158E)

A
90

G
4.0

D
36.2

E
11.0

F
15.7

C
59.5

A
14.0

B
13.2

C
9.1

D
8.8

F 119
(159E)

L
7.5

M
15.7

E
64.0

E
33.3

F
50.3

H
5.0

G
14.1

J
27.0

O
22.1

206

E 562
(241E)

B
12.1

(161E)

A
23.2

11+12
14 13

B
19.0

C
12.5

E 526

N
12.9

A
11.4

12
13

(218E)

D
36.4

NOT TO SCALE

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