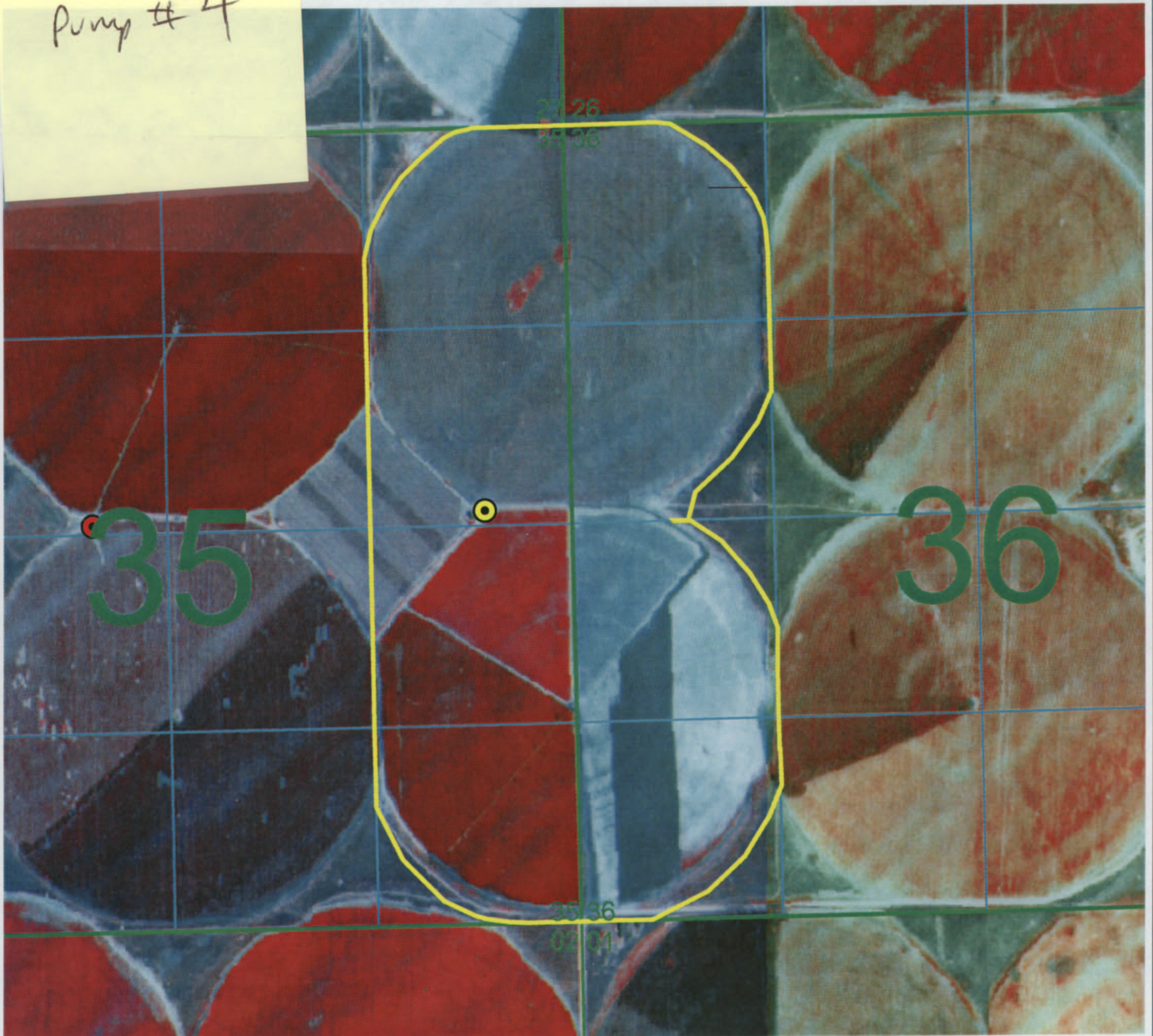


IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-02427A

Township 8N Range 36E Section 35 and 36

Pump # 4



- Point(s) of Diversion, This WR
- Other Points of Diversion
- Place of Use, This WR
- Other Places of Use
- Section Lines
- Quarter-quarter Sections

0 1320 Feet



Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 6/2000

Split History of 31-02427

6/1/00 B. Conton

Blue = Licensed
acres/acre

588 acres

13.37 cfs

$\approx 0.015/\text{acre}$

37	37
32	32
37	37
33	33
26	
37	37
32	32
37	37
33	33

Red =

A31-02427A

296 acres

4.46 cfs

$\approx 0.015/\text{acre}$

37	37	37	37
37	37	37	37
37	37	37	37
37	37	37	37
37	37	37	37
37	37	37	37
37	37	37	37
37	37	37	37

36

Heavy Blue = A31-02427B

296 acres 4.46 cfs $\approx 0.015/\text{acre}$

Green = A31-02427C

260 acres 5.20 cfs $\approx 0.20/\text{acre}$

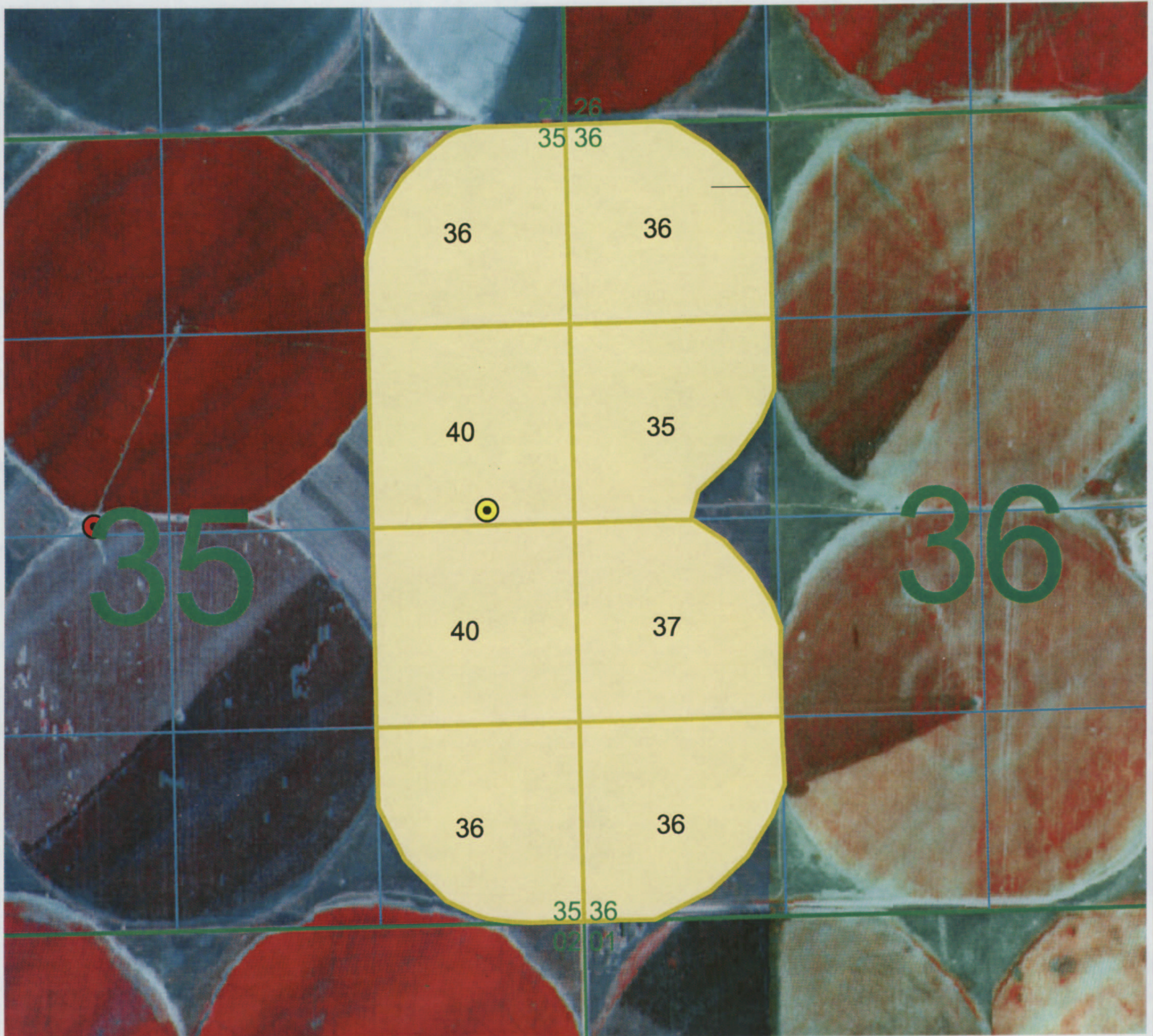
claims Σ acres = 852 = underclaimed by 36 acres

claims Σ cfs = 14.12 = overclaimed by 0.75 cfs

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-02427A

Township 8N Range 36E Section 35 and 36



- Point(s) of Diversion, This WR
- Other Points of Diversion
- Place of Use, This WR
- Other Places of Use
- Section Lines
- Quarter-quarter Sections

0 1320 Feet



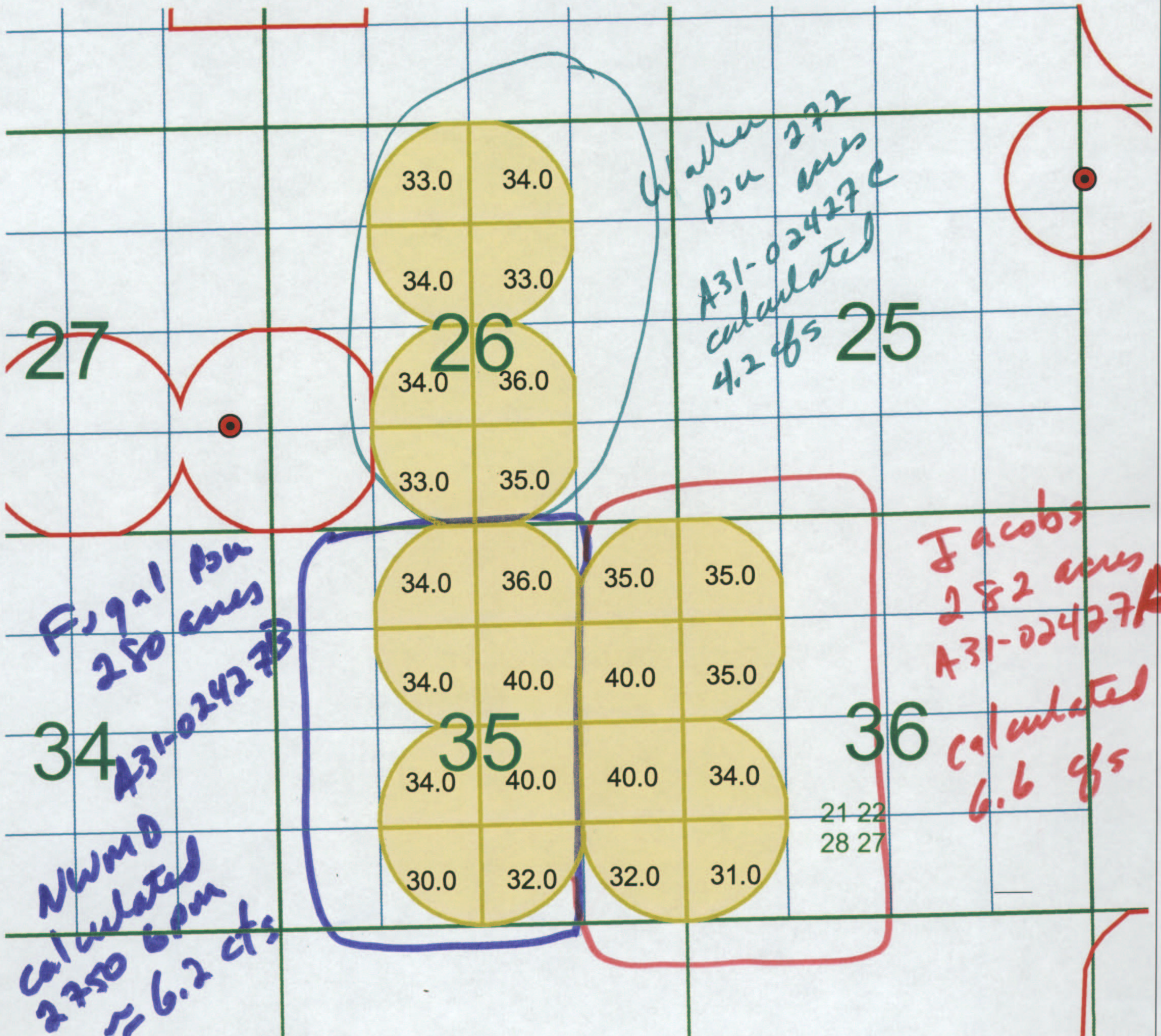
Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 6/2000

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-02427

Township 8N Range 36E Section 26, 35, and 36

Actual pow
per 1987/88
NAPP



- Point(s) of Diversion, This WR
- Other Points of Diversion
- Place of Use, This WR
- Other Places of Use
- Section Lines
- Quarter-quarter Sections

0 1320 Feet



Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 6/2000

Split History p 2

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 31-2427A
Date Received: 11/21/88
Receipt No: E004241
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

KIRK M JACOBS Phone: (208) 662-5415

2576 E 2600 N
PO BOX 119
HAMER ID USA 83425

2. Date of Priority: 03/29/1966

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
08N	36E	35	SW SE NE	JEFFERSON	

5. Description of diverting works:

WELL, PUMP TO CENTER PIVOT

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	4/11	11/01	4.46	

7. Total Quantity Appropriated is:
4.46 C.F.S.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4	of 1/4	Lot	Use	Acres
08N	36E	35	NE	NE		IRRIGATION	37
			SE	NE		IRRIGATION	37
			NE	SE		IRRIGATION	37
			SE	SE		IRRIGATION	37
						Section Acres	148
08N	36E	36	NW	NW		IRRIGATION	37
			SW	NW		IRRIGATION	37
			NW	SW		IRRIGATION	37
			SW	SW		IRRIGATION	37
						Section Acres	148
						Total Acres	296

11. Place of use in counties: JEFFERSON

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

13. Other Water Rights Used:

14. Remarks:

PROPERTY OWNERSHIP SPLIT RIGHTS

15. Basis of Claim: License

AJ0749NP
No. R31-02427A

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

DATE: 06/02/00
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	FRANK H JACOBS	03/29/1966	IRRIGATION	04-01 10-31	4.460 CFS	1036.00 AFA
C	GERALDINE JACOBS					
	149 EAST 2ND SOUTH					
	REXBURG ID 83440					
	(208) 356-6834					
				TOTAL DIVERSION:	4.460 CFS	1036.00 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion: T08N R36E S35 SESENE

JEFFERSON County

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE					
T	R	S	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	SUM	
OBN	36E	35	:	36	:												40	:	152.0	
OBN	36E	36	:		:			36		35	:			37		36	:	36	144.0	
																			TOTAL ACRES	296.0

POU County: JEFFERSON

Conditions of Approval:

- C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
- PURSUANT TO SECTION 42-1425, IDAHO CODE.
- C05 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO
- SECTION 42-1425, IDAHO CODE.
- C18 - THIS PARTIAL DECREE IS SUBJECT TO SUCH GENERAL PROVISIONS
- NECESSARY FOR THE DEFINITION OF THE RIGHTS OR FOR THE EFFICIENT
- ADMINISTRATION OF THE WATER RIGHTS AS MAY BE ULTIMATELY
- DETERMINED BY THE COURT AT A POINT IN TIME NO LATER THAN THE
- ENTRY OF A FINAL UNIFIED DECREE. SECTION 42-1412(6), IDAHO CODE.

Dates: Exam Made Date: Verified Date: Objection Filed Date:

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

Comments: Date: 06/02/2000 User-ID: BCONTOR Subject: COPIED FROM REMARKS
PROPERTY OWNERSHIP SPLIT RIGHTS

Date: 06/02/2000 User-ID: BCONTOR Subject: CHANGES

AJ0749NP
No. R31-02427A

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

DATE: 06/02/00
PAGE: 2

=====

Comments: Date: 06/02/2000 User-ID: BCONTOR Subject: CHANGES
CHANGE IN POD REFLECTS MORE-ACCURATE GPS LOCATION, NO ACTUAL
CHANGE HAS OCCURRED. CHANGE IN POI REPRESENTS IRRIGATION OF
WEST CORNER BETWEEN PIVOTS. ACRES CAME FROM OTHER CORNERS; NO
ENLARGEMENT OF ORIGINAL LICENSE.

Audit: 06/02/00 BCONTOR

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: A31-02427A
Date Received: 11/21/1988
Receipt No: E004241
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: FRANK H. JACOBS 208-356-6834
Address: 149 EAST 2ND SOUTH
REXBURG, ID 83440
OR
Name: GERALDINE JACOBS 208-356-6834
Address: 149 EAST 2ND SOUTH
REXBURG, ID 83440
2. Date of Priority: MAR 29, 1966
3. Source: GROUNDWATER Trib. to:
4. Point of Diversion:
- | Township | Range | Section | 1/4 of | 1/4 of | 1/4 | Lot | County |
|----------|-------|---------|--------|--------|-----|-----|-----------|
| 08N | 36E | 35 | SW | SE | NE | | JEFFERSON |
5. Description of diverting works:
WELL, PUMP TO CENTER PIVOT
6. Water is used for the following purposes:
- | Purpose | From | To | C.F.S. | (or) | A.F.A. |
|------------|-------|-------|--------|------|--------|
| IRRIGATION | 04/11 | 11/01 | 4.460 | | |
7. Total Quantity Appropriated is:
4.460 C.F.S. (and/or) A.F.A.
8. Total consumptive use is 740.0 Acre Feet Per Annum.
9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
08N	36E	35	NE		NE		IRR	37.0
			SE		NE		IRR	37.0
			NE		SE		IRR	37.0
			SE		SE		IRR	37.0
			Section Acres					148.0
		36	NW		NW		IRR	37.0
			SW		NW		IRR	37.0
			NW		SW		IRR	37.0
			SW		SW		IRR	37.0
			Section Acres					148.0
			Total Acres					296.0

11. Place of use in counties: JEFFERSON

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

13. Other Water Rights Used:

A31-02427B AND OTHERS UNDER DIFFERENT WELLS/OWNERS

14. Remarks:

PROPERTY OWNERSHIP SPLIT RIGHTS

15. Basis of Claim: LICENSE

Water Right Number: 32818

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): _____ Date: _____

_____ Date: _____

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day

of _____ 19 _____

Notary Public

Seal

Residing at _____

My Commission Expires _____

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: 39356

Ident. Number

A31-2427 A

Date Received

11-21-88

Receipt Number

E004241

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) FRANK H. OR GERALDINE JACOBS Phone (208) 356-6834Mailing Address 149 ~~WE~~ E. 2 S., REXBURG ID Zip 834402. Date of Priority (Only one (1) per claim) MAR. 29, 19663. Source of water supply (a) GROUND WATER
which is tributary to (b) _____4. a. Location of existing point of diversion is: Township 8N Range 36E Section 35,
SW 1/4 of SE 1/4 of NE 1/4, Govt. Lot, _____ B.M., County of JEFFERSON

Additional points of diversion if any: _____

b. If instream flow, beginning point of claimed instream flow is:

Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____

Govt. Lot _____ B.M., County of _____

ending point is: Township _____ Range _____ Section _____, _____ 1/4 of _____ 1/4 of _____

_____ 1/4, Govt. Lot _____ B.M., County of _____

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well. WELL W/ PUMP TO CENTER PIVOTS.

A3102427A



MICROFILMED

NOV 17 1992

6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For IRR. purposes from 4/1 to 11/1 amount 4.46 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 4.46 (cfs) and/or (b) _____ (acre feet)

8. Total consumptive use claimed is 740 acre feet per annum.

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) NONE

10. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
8N	36E	35	37			37									37			37	148
		36						37	37				37	37					148

Total number of acres irrigated 296

11. In which county (ies) are lands listed above as place of use located? JEFFERSON

12. Do you own the property listed above as place of use? Yes ☒ No ☐
If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.
A31-2427 A & OTHERS UNDER DIFFERENT WELLS/OWNERS or None (X)

14. Remarks: PROPERTY OWNERSHIP
PROPERTY SPLIT RIGHTS

MICROFILMED

NOV 17 1992

Last Name _____ Ident No. _____

Copies: White -State, Yellow-Claimant

15. Basis of Claim (check one) Beneficial Use _____ Posted Notice _____ License ☒ Permit _____

Decree _____

If applicable provide IDWR Water Right Number 31-2427

Court _____ Case Number _____ Decree Date _____

Plaintiff vs Defendant _____

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

Signature of Claimant (s) [Signature] Date Nov 21-88

Date _____

For Organizations: I do solemnly swear or affirm that I am _____ Title _____

of _____, that I have signed the foregoing

Organization

document in the space below as _____ of _____

Title

Organization

and that the statements contained in the foregoing document are true and correct.

Signature of Authorized Agent _____

Title and Organization _____ Date _____

State of Idaho/or _____)

County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 21st day of November 19 88

SEAL

Notary Public Carter Fritschle

Residing at _____ Carter Fritschle, Notary Public

Residing at Eagle, Idaho

My Commission Expires _____ My commission Expires March 21, 1994

Please Print Name

17. Notice of Appearance:

Notice is hereby given that I, _____ will be acting as attorney at law on behalf of the claimant signing above, and that all notices required by law to be mailed by the director to the claimant signing above should be mailed to me at the address listed below.

Signature _____

Address _____

Date _____

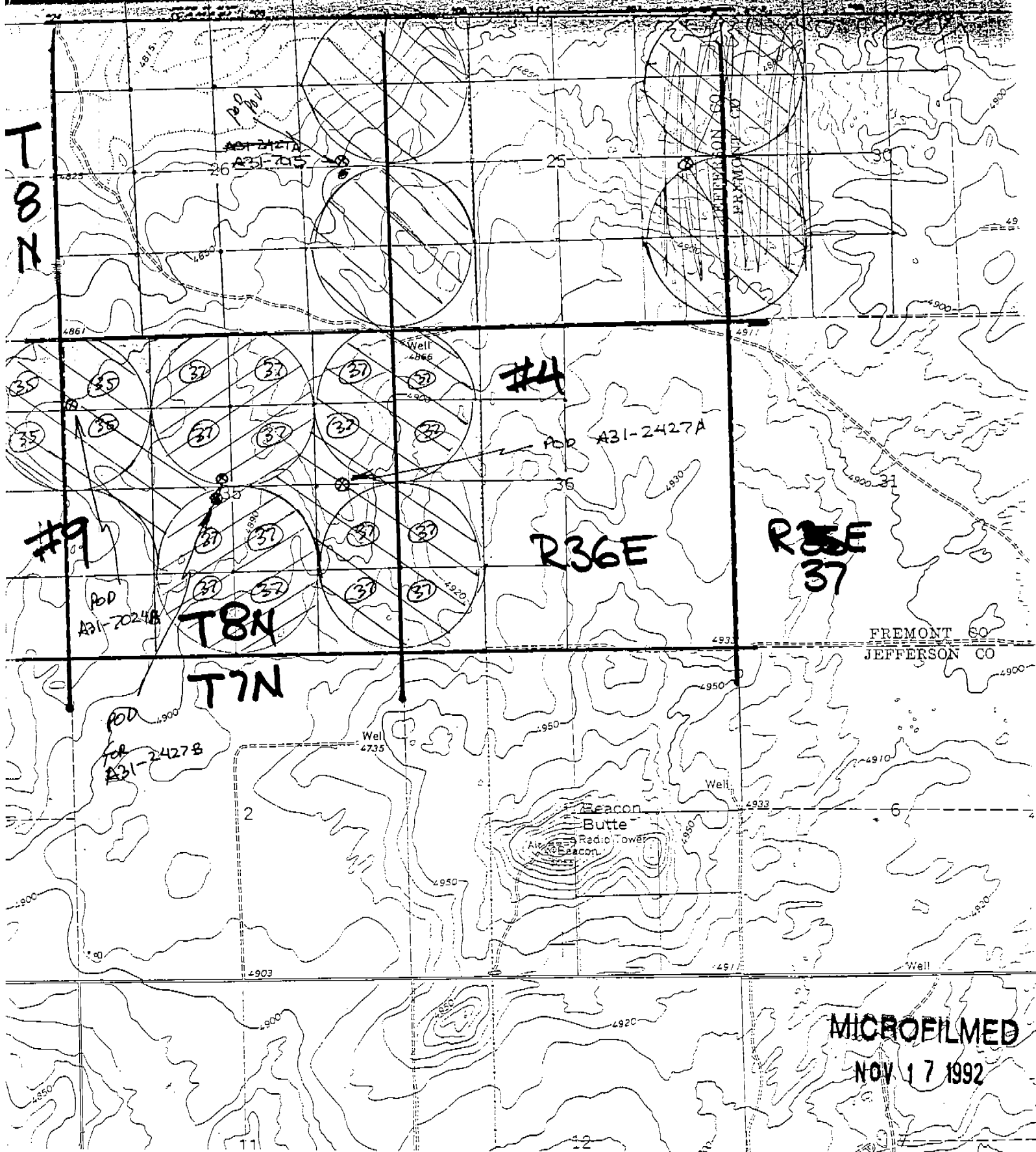
MICROFILMED

NOV 17 1992

Last Name _____ Ident. Number _____

Copies White-State, Yellow-Claimant

PETERSON WELL #5



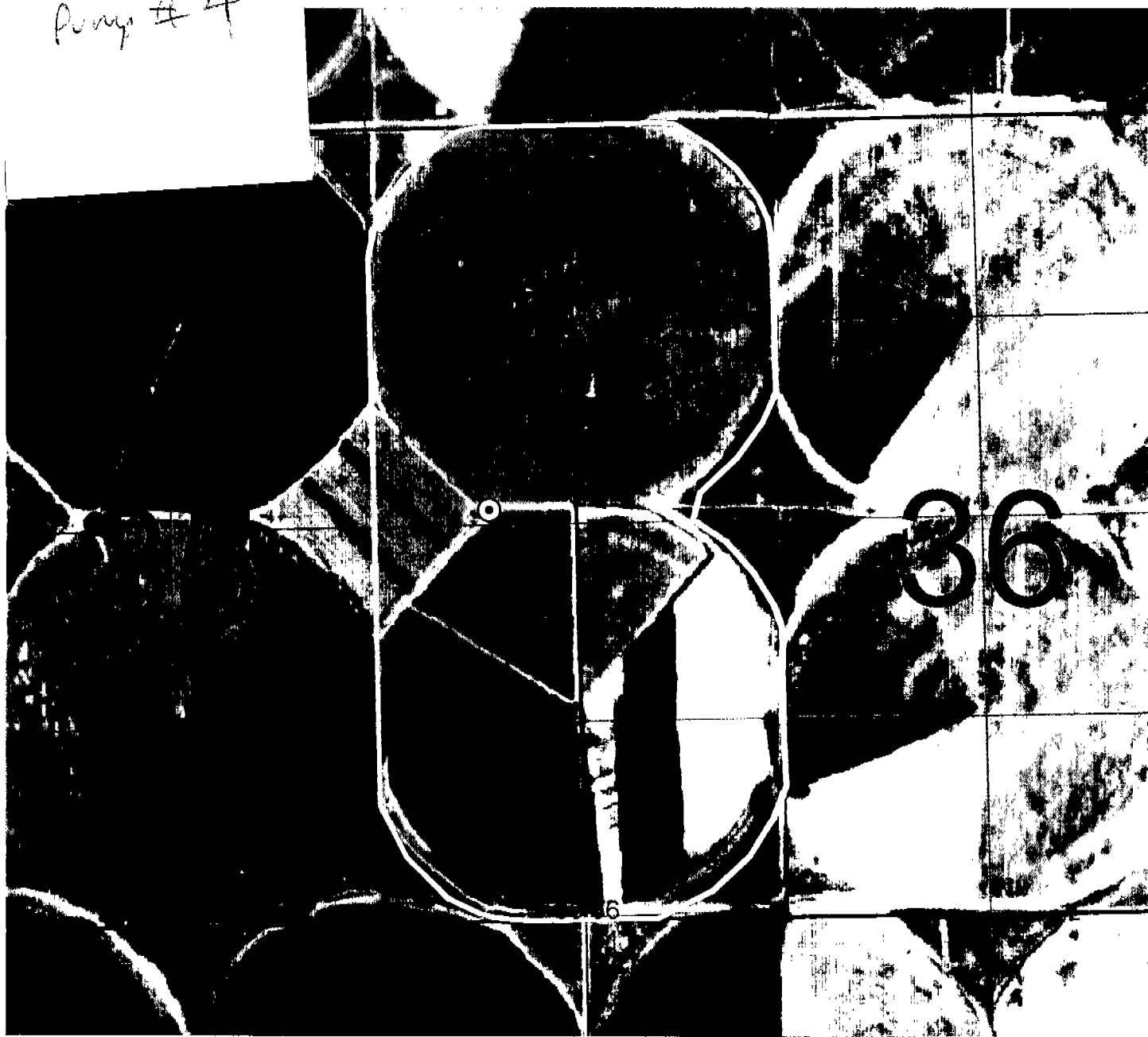
MICROFILMED
NOV 17 1992

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-02427A

Township 8N Range 36E Section 35 and 36

Pump # 4



○ Point(s) of Diversion, This WR

● Other Points of Diversion

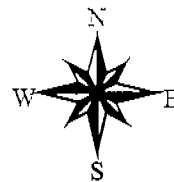
Place of Use, This WR

▭ Other Places of Use

▭ Section Lines

▭ Quarter-quarter Sections

0 1320 Feet



Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 6/2000



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, ID 83402-1718 • Phone: (208) 525-7161 FAX: (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

July 25, 2002

KIRK M JACOBS
2576 E 2600 N
PO BOX 119
HAMER ID 83425

RE: Notice of Completed Administrative Proceeding (NCAP) for
Amended License 31-2427A & 31-7015B

Dear Mr. Jacobs:

The Idaho Department of Water Resources amended the quantity on
Water Right License 31-2427A and 31-7015B.

As directed by the Snake River Basin Adjudication (SRBA) Court, this
office mailed a copy of the updated water right record(s) to each party
listed on the enclosed NCAP. The intent of this mailing is to ensure
each party has a current record of water right(s) as recorded in the
SRBA.

Please feel free to contact me if you have any questions concerning this
matter.

Respectfully,

Jennifer Crabtree
Technical Records Specialist

Enclosure

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

In Re SRBA)

Water Rights: 31-2427A, 31-7015B

Case No. 39576)

NOTICE OF COMPLETED
ADMINISTRATIVE
PROCEEDING

IDWR has completed the following Administrative proceeding:

☒ Other: Amended Per Amended License

☐ Address change

☐ Substitution of Party

☐ I.C. § 42-222 transfer

☐ point of diversion ☐ place of use

☐ period of use ☐ nature of use

☐ split of water right ☐ change in ownership

IDWR certifies that it has completed its investigation into the changes to the elements of the water rights listed above as set forth in the attached *Amended Director's Reports* for said water rights. No other changes have been made to the elements of these water rights except as set forth above.

IDWR has served copies of the *Notice of Completed Administrative Proceeding* and *Amended Director's Report(s)* on the claimant(s), prior claimant(s) and all parties in the subcases affected, if any, as reflected on the attached certificate of mailing.

DATED: July 25, 2002

Ernest Carlson
Signature of IDWR Representative

CERTIFICATE OF MAILING

I certify that on July 26, 2002, I mailed the original and copies of this form to the following persons, postage prepaid by regular mail and addressed as follows:

1. Original to:

Clerk of the District Court
Snake River Basin Adjudication
PO Box 2707
Twin Falls ID 83303-2707

2. One copy to:

Claimant/Seller for Substitution of Party or attorney of record:
KIRK M JACOBS
2576 E 2600 N
PO BOX 119
HAMER ID 83425

3. One copy to:

Claimant/Purchaser for Substitution of Party, or attorney of record:
N/A

4. One copy to:

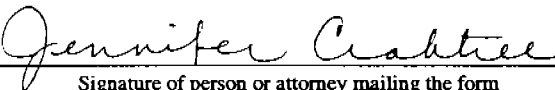
Each party in the subcase, or attorney of record
RAY RIGBY
PO BOX 250
REXBURG ID 83440

5. One copy each to:

Chief Natural Resources Division
Office of the Attorney General
PO Box 44449
Boise ID 83711-4449

6. One Copy to:

United States Dept of Justice
Environment & Natural Resource Div
550 West Fort Street MSC 033
Boise ID 83724



Signature of person or attorney mailing the form

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED
UNDER STATE LAW

RIGHT NUMBER: 31-2427A

NAME AND ADDRESS:

KIRK M JACOBS
2576 E 2600 N
PO BOX 119
HAMER ID 83425

SOURCE: GROUND WATER

Tributary:

QUANTITY: 5.330 CFS ~~4.460 CFS~~
1,036.000 AFY

PRIORITY DATE: 03/29/1966

POINT OF DIVERSION:

T08N R36E S35 SESENE Within JEFFERSON County

PURPOSE AND PERIOD OF USE:	Purpose of use	Period of use:	Quantity:
IRRIGATION		04/01 10/31	<u>5.330 CFS 1,036.00 AFY</u> ~~4.460 CFS 1,036.00 AFY~~

PLACE OF USE: IRRIGATION within JEFFERSON County

T08N R36E S35 NENE 36.0
T08N R36E S35 SENE 40.0
T08N R36E S35 NESE 40.0
T08N R36E S35 SESE 36.0
T08N R36E S36 NWNW 36.0
T08N R36E S36 SWNW 35.0
T08N R36E S36 NWSW 37.0
T08N R36E S36 SWSW 36.0

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED
UNDER STATE LAW

296 ACRES TOTAL

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

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

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION PURSUANT
TO SECTION 42-1425, IDAHO CODE.
RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO
SECTION 42-1425, IDAHO CODE.



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, ID 83402-1718 • Phone: (208) 525-7161 FAX: (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

January 28, 2002

KIRK M JACOBS
2576 E 2600 N
PO BOX 119
HAMER ID 83425

RE: Motion to Amend License # 31-2427A and 31-2427B

Dear Mr. Jacobs:

The Idaho Department of Water Resources (IDWR) received a Motion to Amend Transfer for the above referenced water right(s).

In response to the Motion, this office is sending the enclosed NAP to the SRBA Court and other parties listed on page 2 of the form. The intent of this mailing is to notify those parties of the requested change.

Please feel free to contact me if you have any questions concerning this matter.

Respectfully,

Cheri Vandermeulen
Records Clerk

Enclosure

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

In Re SRBA

Water Rights: 31-2427A AND
31-7015B

Case No. 39576

NOTICE OF ADMINISTRATIVE
PROCEEDING

IDWR has received an application for an Administrative Proceeding for the above water
right(s).

The Administrative Proceeding contemplates a change in the water right(s) as indicated
below:

☐ Substitution of Party (waiting for documentation)

☐ Substitution of Party/Split Water Right

☐ I.C. § 42-222 transfer

☐ point of diversion ☐ place of use

☐ period of use ☐ nature of use

☒ Other: **MOTION TO AMEND LICENSE**

IDWR projects the Administrative Proceeding shall be completed no later than: **JULY 29, 2002**

DATED:

January 28, 2002

Ernest Calfee

Signature of IDWR Representative

CERTIFICATE OF MAILING

I certify that on Jan 28, 2002, I mailed the original and copies of this form to the following persons, postage prepaid and addressed as follows:

1. Original to:
Clerk of the District Court
Snake River Basin Adjudication
PO Box 2707
Twin Falls ID 83303-2707
2. One copy to:
Claimant/Seller for Substitution of Party or attorney of record:
KIRK M JACOBS
2576 E 2600 N
PO BOX 119
HAMER ID 83425
3. One copy to:
Claimant/Purchaser for Substitution of Party, or attorney of record:
4. One copy to:
Each party in the subcase, or attorney of record
RAY W RIGBY
25 N 200 E
REXBURG ID 83440
5. One copy each to:
Chief Natural Resources Division
Office of the Attorney General
PO Box 44449
Boise ID 83711-4449
6. One Copy to:
United States Dept of Justice
Environment & Natural Resource Div
550 West Fort Street MSC 033
Boise ID 83724

Cheri Undermeulen
Signature of person or attorney mailing the form

RECEIVED

SEP - 5 2001

Department of Water Resources

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

In Re SRBA

A: Subcase 31-2427A

(insert water right number)

Case No. 39576

STANDARD FORM 1
OBJECTION

Please fill in the following information:

B: NAME AND ADDRESS OF PERSON OBJECTING

Name: Kirk M Jacobs

Address: 2576 E 2600 N

Rexburg Id 83425

Daytime Phone: 662-5415

Name & Address of Attorney, if any:

C: CLAIMANT OF WATER RIGHT AS LISTED IN DIRECTOR'S REPORT

Name: Kirk M Jacobs

Address: 2756 E 2600 N

Rexburg Id 83425

D. I object to the following elements as recommended in the Director's Report. (Please check the appropriate box(es)).

1. ☐ Name and Address
Should be: _____
2. ☐ Source
Should be: _____
3. ☒ Quantity
Should be: 5.92 cfs / 0.02 cfs per acre
4. ☐ Priority Date
Should be: _____
5. ☐ Point(s) of Diversion
Should be: _____
6. ☐ Instream Flow Description
Should be: _____
7. ☐ Purpose(s) of Use
Should be: _____
8. ☐ Period of Year
Should be: _____
9. ☐ Place of Use
Should be: _____

11. I object because:

- ☐ This water right should not exist.
- ☐ This water right was not recommended, but should be recommended with the elements described above.

E. REASONS SUPPORTING OBJECTION(S): _____

Original licenses were in error, see claim file
notice of error, see amended claims.
See attached engineering analysis.

F:

VERIFICATION (Must be Completed)

State of Idaho
Bonneville)
County of Bonneville)ss.

Kirk M Jacobs

(Name of person filing objection)

, duly sworn, upon oath, deposes and says:

That I am the party/claimant filing this objection, as defined by I.C. §§ 42-1401A(1) and (6) or that I am the attorney for the party/claimant objecting and that I have read this objection, know its contents and believe that the statements are true to the best of my knowledge.

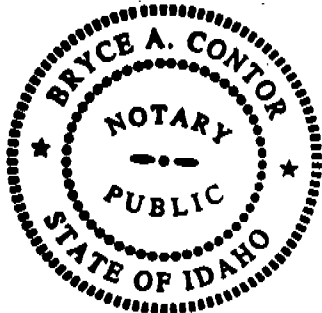
K M Jacobs
(Signature of person filing objection)

(Attorney signing in representative capacity)

Subscribed and sworn to before me on:

August 29, 2001

Bryce A. Contor
Notary Public for Idaho
Residing at: Mud Lake
My Commission Expires: 10/14/05



INSTRUCTIONS FOR MAILING

You must mail the objection, to the Clerk of the Court. FAX filings will not be accepted. You must also send a copy to all the parties listed below in the Certificate of Mailing.

G. CERTIFICATE OF MAILING

I certify that on Sept 4, ²⁰⁰¹ 199, I mailed the original and copies of this objection, including all attachments, to the following persons:

1. Original to:

Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
PO Box 2707
Twin Falls, ID 83303-2707

2. One copy to the claimant of the water right at the following address:

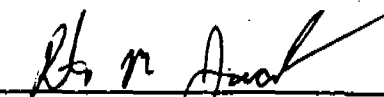
Name: Kirk M Jacobs
Address: 2576 E 2600 N
Rexburg ID 83425

3. Copies to:

IDWR Document Depository
PO Box 83720
Boise, ID 83720-0098

Chief, Natural Resources Division
Office of the Attorney General
State of Idaho
PO Box 44449
Boise, ID 83711-4449

United States Department of Justice
Environment and Natural Resource Division
550 West Fort Street, MSC 033
Boise, ID 83724


Signature of Objector or attorney
mailing on Objector's behalf

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

In Re SRBA

Subcase 31-2427A

(Insert water right number)

Case 39576

STANDARD FORM 4

MOTION TO FILE:

☐ LATE NOTICE OF CLAIM

☒ AMENDED NOTICE OF CLAIM

INSTRUCTIONS

This form is used to file a late Notice of Claim or an amendment to a Notice of Claim in a reporting area where the Director's Report has been filed. Forms may be obtained from the SRBA Court, the Idaho Department of Water Resources (IDWR), or you may copy or reproduce this blank form. If you copy or reproduce this form, please copy on both sides with the even-number pages upside down.

The water right number for your late or amended claim must be indicated above in the blank space following "Subcase." You must use a **separate form for each** late or amended Notice of Claim.

This form has been adopted by the court in **SRBA Administrative Order 1, Rules of Procedure** (amended Sept. 30, 1996), Section 4, which may be consulted for further information.

By filing a *Motion to File a Late Notice of Claim* or a *Motion to File an Amended Notice of Claim*, you certify that it is well-grounded in fact; is warranted by existing law or a good-faith argument for the extension, modification or reversal of existing law; and is not filed for any improper purpose, such as to harass, cause unnecessary delay, or needlessly increase the cost of litigation.

☐ I have read *SRBA Administrative Order 1, Rules of Procedure* (amended Sept. 30, 1996).

My name is Kirk Jacobs

My address is 2576 E 2600 N Hamer ID 83425

My phone number is: Work 208 662 5415 Home 208 390 23431

I am an attorney representing _____

My name is _____

My address is _____

My phone number is _____

MOTION TO FILE A LATE NOTICE OF CLAIM

A Motion to File a Late Notice of Claim will require a hearing before the Presiding Judge.

☐ I did not file a Notice of claim to the use of water in the SRBA because:

☐ I filed a Notice of Claim and elected to defer judicial proceedings on my domestic or stock watering use. I desire to reinstate my Notice of Claim for domestic or stock watering use.

☐ I am providing legal and factual documentation for my claimed use of water. You must describe these documents and attach a readable copy. (You do not need to fill this out if you are reinstating a Notice of Claim for domestic or stock watering use, but you **must** attach a copy of your Notice of Claim.)

I have attached:

- ☐ A fully completed Notice of Claim (available from IDWR).
- ☐ A claim filing fee for a domestic and stock watering use. IDWR may charge this fee pursuant to I.C. § 42-1414. To determine this amount, contact IDWR at (800) 451-4129. I have enclosed a check payable to: State of Idaho Department of Water Resources in the amount of \$ _____.
- ☐ A claim filing fee and a late claim fee for those claims other than a domestic or stock watering use for which a notice of claim was not filed. To determine this amount, contact IDWR at (800) 451-4129. I have enclosed a check payable to: State of Idaho Department of Water Resources in the amount of \$ _____.

Follow these instructions regarding the hearing on this motion.

1. Contact the Clerk of the SRBA Court (208-736-3011) to request a hearing date and time.
2. Fill in the following information:

This motion will be heard on _____

Dec 18 2001

(Insert Date and Time)

at the SRBA courthouse, 253 Third Avenue North, Twin Falls, Idaho.

MOTION TO FILE AN AMENDED NOTICE OF CLAIM

A *Motion to File an Amended Notice of Claim* may require a hearing before the Presiding Judge or Special Master or may be granted by leave of the court or by written consent of the parties and the Idaho Department of Water Resources. Leave to amend a claim shall be freely given when justice so requires.

☒

I must amend my Notice of Claim to the use of water in the SRBA because:

Original claims reflected errors on licenses. We did not file amended claims earlier, believing we could get amended license. It now seems like we need to file amended claims to keep open the option of objecting to correct these errors.



I am providing legal and factual documentation to support my amended Notice of Claim. You must describe these documents and attach a readable copy.

Analysis by engineer.

I have attached:



An amended Notice of Claim (available from IDWR).



Payment of the following additional fees required by IDWR:

No fees required; all fees paid
with original filing

VERIFICATION (Must be completed)

State of Idaho

County of Jefferson

Kirk M Jacobs

(Insert name of person filing form)

, being first duly sworn, upon oath, deposes and says:

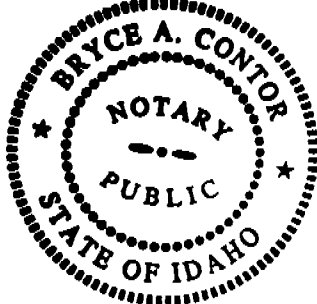
That I am the party/claimant filing this motion for late or amended claim (as listed on Page 2) as defined by I.C. §§ 42-1401A(1) and (7) or that I am the attorney for the party/claimant filing this motion for late or amended claim and that I have read this motion, know its contents, and believe that the statements are true to the best of my knowledge.

K M Jacobs

Signature of person filing motion

Attorney signing in representative capacity

Subscribed and sworn to before me on Aug 30 2001
(Insert Date)



Bryce A. Contor

Notary Public for Idaho

Residing at: Mud Lake

My Commission expires: 10/14/2005

INSTRUCTIONS FOR MAILING

You must mail this form, including all attachments, to the Clerk of the SRBA Court. **FAX filings will not be accepted by the SRBA Clerk of the Court.** You must also send a copy to all the parties listed below in the Certificate of Mailing.

CERTIFICATE OF MAILING

I certify that on Sept 4, ~~199~~²⁰⁰¹, I mailed the original and copies of this form, including all attachments, to the following persons by mailing the original and/or copies, postage prepaid and addressed as follows:

1. Original to:

Clerk of the District Court
Snake River Basin Adjudication
253 Third Avenue North
PO Box 2707
Twin Falls, ID 83303-2707

2. Copies to:

IDWR Document Depository
PO Box 83720
Boise, ID 83720-0098

Chief, Natural Resources Division
Office of the Attorney General
State of Idaho
PO Box 44449
Boise, ID 83711-4449

United States Department of Justice
Environment and Natural Resource Division
550 West Fort Street, MSC 033
Boise, ID 83724

3. If you are filing an amended Notice of Claim in a subcase being heard before the Presiding Judge or a Special Master, you must serve a copy on all parties to that subcase.

(Insert Names/address of parties)



Signature of person or attorney mailing the form

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 31-2427A
Date Received: 11/21/1988
Receipt No: E004241
Received By:

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

1. Name of Claimant(s)

KIRK M JACOBS Phone: (208) 662-5415
2576 E 2600 N
PO BOX 119
HAMER ID USA 83425

2. Date of Priority: 03/29/1966

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
08N	36E	35	SW SE NE	JEFFERSON	

5. Description of diverting works:

WELL, PUMP TO CENTER PIVOT

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	04/11	11/01	5.92	1036

7. Total Quantity Appropriated is: "
5.92 C.F.S. and/or 1036 A.F.A.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4 Lot	Use	Acres
08N	36E	35	NE NE	IRRIGATION	36
			SE NE	IRRIGATION	40

			NE	SE	IRRIGATION	40
			SE	SE	IRRIGATION	36
					Section Acres	152
08N	36E	36	NW	NW	IRRIGATION	36
			SW	NW	IRRIGATION	35
			NW	SW	IRRIGATION	37
			SW	SW	IRRIGATION	36
					Section Acres	144
					Total Acres	296

11. Place of use in counties: JEFFERSON

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

13. Other Water Rights Used:

14. Remarks:

PROPERTY OWNERSHIP SPLIT RIGHTS

Claim amended 8/9/2001 to reflect correct original diversion rate, see claim file for Notice of Error notification of problem with original license exam. Other elements of claim amended to match recommendation.

15. Basis of Claim: License

16. Signature(s)

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): 167 M [Signature] Date: 8/29/01

Date: _____

State of Idaho)
County of Bonneville) SS.

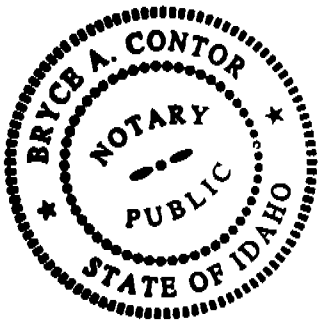
Subscribed and sworn (or affirmed) before me this 29th day
of August 2001

Bryce A. Contor

Notary Public

Residing at Mud Lake, Idaho

My commission Expires October 14, 2005



SEPT 1, 2001

RECEIVED

SEP 05 2001

Department of Water Resources
Eastern Region

RON CARLSON
IDWR
900 N. SKYLINE DR. SUITE A
IDAHO FALLS ID. 83402-1718

RE: Copy of objection filed to the court and letter to Norm Young

Dear Ron

I have sent you a copy of my objection and engineer report so if there is anything you and your office can do to help on this matter I would sure appreciate it.

Sincerely


Kirk M Jacobs

Sept. 1, 2001

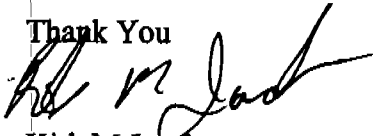
S.R.B.A Court
253 Third Ave. North
P.O. Box 2707
Twin Falls, Idaho 83303-2707

Re: Filing an objection to recommendations on water right #31-2427A, 31-2427B, 31-7015B,
31-7024B

Dear SRBA COURT

In reviewing IDWR'S recommendations for the above water rights we have found some problems in original examiners calculations in determining our cfs and feel we need to seek amended licenses at this time. Enclosed are all the necessary forms and a report by Mr Robert Lee a licensed engineer explaining the problems we have found with the examiner and his calculations. We would like to ammend our license to match the enclosed ammended claim.

Thank You



Kirk M Jacobs

1330 Barney Dairy Road
Rexburg, Idaho 83440

August 27, 2001

Mr. Kirk Jacobs
P O Box 119
Hamer, Idaho 83425

Dear Kirk:

As requested I have reviewed the Idaho Department of Water Resources adjudication recommendations for the following licenses:

1. 31-7024B
2. 31-7015B
3. 31-2427A
4. 31-2427B
5. 31-7291
6. 31-7292

The results of my analysis are given in the attached report. All but license numbers 31-7291 and 31-7292 understated the diversion rates utilized at the time the examiner made his report. The examiner's reports are full of errors. I believe you have documented reasons for appealing the Department's adjudication recommendations. If necessary, I will be pleased to meet with the Department to discuss these matters.

Sincerely,



Robert R. Lee

REPORT ON WATER RIGHTS ADJUDICATION FOR KIRK JACOBS

By Robert R. Lee, PE 1823

August 27, 2001

Mr. Kirk Jacobs of Hamer, Idaho has asked that I assist him in a review of the Department adjudication recommendations for his farm in Hamer.

I am qualified to comment on these matters. First, I have a PhD from Stanford University in Civil Engineering with emphasis on water resources planning. Secondly, I am a retired Idaho Professional Engineer with license number 1823. Thirdly, for twenty years I designed, sold, and installed irrigation systems in Eastern Idaho including hundreds of pumps and center pivot systems.

HAMER CENTER PIVOT SYSTEMS DESIGN

The soils in the Hamer area are sand and require careful planning and operation. Center pivots must provide sufficient water to meet the peak consumptive use requirements of alfalfa, potatoes and grain, the crops grown in the area. The soil moisture holding capacity of sand is very low so that it is not possible to "bank" soil moisture in anticipation of peak demands.

In the Hamer area the peak consumptive use for alfalfa or potatoes is approximately 0.32 in./day. The formula for calculating gpm/acre which is used in center pivot design is: $\text{gpm/acre} = \text{cu}/.053 \times \text{efficiency}$.

An irrigation efficiency of 80% is typically used. Therefore the design gpm/acre for Hamer = $.32 \text{ over } .053 \times .8 = 7.55$ which is lower than the 9 gpm/acre rate allowed by the Department.

A 1300' length center pivot with an end gun on in the corners will irrigate about 132 acres. Thus the gpm for a 1300' system would calculate to be $7.55 \times 132 = 997$ gpm. This is rounded off to 1000 gpm. Over the years these calculations have proven valid as Hamer farmers successfully raised crops under 1300' center pivots nozzled for 1000 gpm. During peak consumptive use periods these center pivots run 100 percent of the time and there is little margin for error. I have no knowledge of any 1300' center pivots in the Hamer area that are nozzled for less than 1000 gpm. In the 1960's and early 70's Mel Brown Company typically designed 1300' circles to 1100-1200 gpm according to Dale Peterson, son-in-law and former employee of Mel Brown who now works for Golden West Irrigation in Idaho Falls. The department should not recommend water rights which would be less than what circles were nozzled for at the time of licensing and less than that rate needed to grow crops.

Further, pumps are designed to match pivot requirements of gallonage and pressure otherwise the pivots wouldn't perform properly and expensive changes would be required of the irrigation company.

LICENSE NO. 31-07024B

The Department's adjudication recommendation of 1.86 cfs and 420 AF for this 1300' center pivot which irrigates 140 acres is not sufficient to irrigate the crops grown in the Hamer sand. The 1.86 cfs would only provide 837 gpm, a gpm/acre of 5.98 and a 24 hour application rate of 0.25 inches. This application rate would leave the crop short of water by 21% during the peak consumptive use period greatly reducing the yield and quality of the crop. Therefore I must conclude that historically the pump and center pivot were applying the 1000 gpm required for the crops.

The Department's recommendation is apparently based on the examiner's report of 7 July 1967 wherein he recommended 5.65 cfs for three pumps and center pivots or 1.88 cfs for each installation. (See Attachment No. 1) The examiner, Dean Reynolds, had access to the sprinkler charts for each center pivot and found that they were designed for 1000 gpm @ 100 psi. Then he made a drastic error in methodology by reducing the gallonage by the ratio of pivot end pressure to design pivot pressure. The examiner states:

"Q recommended for licensing is based upon the determined operating pressure taken from each end of each unit. This pressure was related proportionately to the unit design pressure needed to produce a specific quantity (gallonage) submitted by Valmont as calculated by the computer. Each unit designed for 1000 gpm @ 100 psi."

The examiner then included the following calculations:

#1 Unit operating at 77 psi – $\text{gpm} = 77/100 \times 1000 = 720 \text{ gpm}$ or 1.72 cfs

#2 Unit operating at 85 psi – $\text{gpm} = 85/100 \times 1000 = 850 \text{ gpm}$ or 1.90 cfs

#3 Unit operating at 91 psi – $\text{gpm} = 91/100 \times 1000 = 910 \text{ gpm}$ or 2.03 cfs

Total 5.65 cfs

The 5.65 cfs was then licensed to Cal-Ida Inc. on 13 August 1969 as no. 31-7024. The 5.65 cfs is in error because the examiner thought the design pressure of 100 psi was to be measured at the end of the center pivot system rather than at the pivot point. However, the pivot pressure is calculated by adding the pressure needed to run the end gun to the friction loss in the pivot system plus the pressure required to compensate for field elevation. The end pressure also varies depending on where the end of the center pivot

system is and whether there is positive or negative field elevation. End pressure should never be used to determine center pivot gallage.

In fact the examiner's report on end pressure verifies that there was enough pivot pressure to run the end guns plus overcome system friction loss and elevations. The pivot pressure for system #1 was likely close to 100 psi when the friction loss of 22 psi and field elevation of 4 psi is added to the 77 psi measured at the end. Similarly #2 and #3 systems likely had more than 100 psi because their end pressures were higher. Therefore, based on the evidence at hand, the three systems were using at least 1000 gpm (2.22cfs) in 1969 and should have been licensed for such amount. The Department's adjudication recommendation should therefore be for 2.22 cfs for each pump and center pivot. This is much less than the Department's allowable maximum diversion rate of .02cfs/acre or 2.8 cfs for a 140 acre pivot. The volume allowed should be 490 AF @ 3.5 AF/Acre.

The 100 H. P. pump would produce 1000 gpm @ 3201 TDH. The lift @ the no. 1 pivot in Sec. 34 and Sec. 35 is about 90' leaving 230' or about 100 psi for the pivot. The pump therefore matches the pivot gallage of 1000 gpm.

LICENSE NO. 31-07015B

The Department's adjudication recommendation of 3.67 cfs and 969.5 AF/yr. for two 1300 center pivots which irrigate 277 acres is not sufficient to irrigate potatoes or alfalfa in the Hamer sand. The 3.67 cfs would only provide 1652 gpm or 826 gpm for each circle. The gpm/acre would be only 5.996 and the 24 hour application rate only 0.25 in. This is 21% less than the 0.32 in. required for potatoes and would result in reduced yield and quality.

Raincat circles were designed for 1200 gpm each, to match the 250 H.P. pump which was designed for 2400 gpm as stated in the examiners report of 9 July 1967. (See Attachment No. 2) The same examiner, Dean Reynolds, repeated the same error that he made 2 days earlier on permit No. 31-7024 and erroneously reduced the pivot gpm by the ratio of end pressure to pivot pressure. His recommendations found its way into license 31-07015B which is clearly wrong.

The 250 H.P. pump is the same as it was in 1967 and still produces 5.50 cfs according to measurements conducted by Bryce Conton of the North Water Management District. (See Attachment No. 3) Since the initial installation of Raincat center pivots by Mel Brown Co. and subsequent updates the circles have been nozzled for 1200 gpm. See attached sprinkler charts.

If the Department's recommendation of 3.65 cfs were adopted and enforced, the farmer would be required to spend thousands of dollars to change the pump and renozzle the circles. The outcome would be disastrous as there would not be enough water to adequately irrigate the crop during the peak consumptive use period.

The Department should recommend 5.5 cfs and 969.5 AF/yr. for the adjudication. The 5.5 cfs represents close to the .02 cfs/acre allowed as the maximum diversion rate by the Department.

LICENSE NO. 31-2427A

The data for this license comes largely from the Examiners report dated 24 August 1967. (See Attachment No. 4) The permit number is G-32818.

The pump for 31-2427A was a 250 H.P. Motor and Layne and Bowler Pump designed to pump 2400 gpm 328' TDH.

The examiner arbitrarily reduces the gpm/pivot to 1000 gpm by stating that "L&B design capacity for Raincat 14 tower, 1000' sprinkler system = (6 sprinkler system units) (1000 gpm/unit) = 13.37 cfs". But a 14 tower Raincat with a 40' overhand is 1300' in length not a 1000'. Dale Peterson of Golden West Irrigation Idaho Falls has verified that 1300' Raincat pivots were constructed with 14 - 90' spans with a 40' overhang. In addition, two 1000' pivots with 100' end gun coverage all the way around the circle only irrigate 174 acres not the 296 acres recommended by the Department. This verifies that the pivots were 1300'.

Again the sloppy work of Dean Reynolds arbitrarily reduced the gpm below that actually being utilized by the systems. The pump has never been changed and according to the North Water Measurement District still produces 4.99 cfs. (See Attachment No. 3)

The circle requirements of 1200 gpm each for 2400 gpm were met by the 2400 gpm produced by the 250 H.P. Motor and Layne and Bowler pump. The attached current sprinkler charts verify that the two circles still utilize the 2400 gpm produced by the pump.

If the Department's adjudication recommendation for 4.46 cfs is accepted and enforced the circles will have to be renozzled to 1000 gpm and pumping output reduced to 2000 gpm at a cost of thousands of dollars.

The Department's recommendation should be for 5.33 cfs and 1,036 AF/yr. because the Examiner's report was in error and did not report the water actually being used. Further the rate recommended is not sufficient to irrigate 296 acres during the peak consumption use period.

LICENSE NO. 31-2427B

The examiner's report shows that the 250 H.P. Motor and Layne and Bowler pump were designed to do 2400 gpm @ 303' TDH. (See Attachment no. 4) The examiner states that the pump would serve two 14 tower Raincats with 1000 gpm sprinkler

systems. But he later states that the systems are only 1000' long which is in error. Even with a 100' end gun on for the entire circles the ground irrigated would only be 174 acres.

The pump has produced 2400 gpm since its initial installation and still does according to measurements by North Water Measurement District which reports 5.47 cfs or 2461 gpm. (See Attachment No. 3) The enclosed current sprinkler charts are also for 1200 gpm. The pump and pivots were designed to match each other at 2400 gpm.

The Department's adjudication recommendation should be for 5.33 cfs and 1036 AF/yr. irrigating 296 acres because of the examiner's error in identifying the length of the Raincats as 1000' and arbitrarily reducing the gpm to 1000 gpm.

LICENSE NO. 31-7292 and 31-7291

I reviewed the adjudication recommendations for these two water rights and found them to be satisfactory. A copy of the original purchase agreement shows that 2 - 8 Tower Valley Center Pivots, 1293' and 2 - 125 H.P. Pumps designed to do 1000 gpm @ 400' TDH were purchased by Frank Jacobs on March 14, 1978. (See Attachment No. 5) The center pivots were ordered with 1000 gpm sprinkler packages. A letter to Glen Leak of the Federal Land Bank dated June 1, 1978 verifies that 100 gpm @ 90 psi was being utilized by the center pivots. (See Attachment No. 6) The Department's recommendation of 2.34 cfs for each water right is close to the design of 2.22 cfs.

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

Attachment No. 1

Permit No. 31-7024

This proof is for CW & BV In Water District No. _____

1. Name of applicant CAL-IDA INC

2. Source of water supply: SUBSTERRAN

3. Location of point of diversion: Is in the (THREE WELLS) #2 NW 1/4 SEC 34
#1 NW 1/4 SEC 35 of Section 35

T. 8N R. 36E County of _____

4. Describe works as they exist, giving dimensions and capacities of same:
- #1 100 HP US HOLLOWSHAFT ELEC MOTOR # C100 4259, JOHNSTON V.T.P. (VALLEY UNIT)
 - #2 100 HP US HOLLOWSHAFT ELEC MOTOR # C100 4826, JOHNSTON V.T.P. (VALLEY UNIT)
 - #3 100 HP US HOLLOWSHAFT ELEC POWERED MOTOR # C100 3557, JOHNSTON V.T.P. (VALLEY UNIT)
- (PUMPING UNIT BEING USED UPON E 1/2 NE 1/4 SEC 33 FROM #3 WELLS BY ROUTING 10" ALUM. LINE)
- FOR DIMENSIONS & CAPACITIES OF THE ABOVE - SEE REMARKS SECTION

5. Water is used for: IRRIGATION

6. State whether or not water has been turned into works of diversion: YES

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):

N 1/2 SEC 34 T 8 N R 36 E
E 1/2 NE 1/4 SEC 33 " "
W 1/2 NW 1/4 SEC 35 " "

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

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

Remarks: MR. CHAIR ROBINSON CONTACTED

A recommendation for lining is based upon the determined operating pressure taken from each end of each unit. This pressure was related proportionately to the unit design pressure needed to produce a specific quantity (gallons) submitted by Valmont or calculated by the Commission. Each unit designed for 1000 gpm @ 100 psi.

#1 UNIT operating @ 77 psi - requires 1.72 cfs
#2 UNIT operating @ 85 psi - requires 1.90 cfs
#3 UNIT operating @ 91 psi - requires 2.03 cfs
A TOTAL = 5.65

This examination was made on the 7th day of May, 1967

(Signed) Don Reynolds Examiner

TY/NT

DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Attachment No. 2

REPORT OF EXAMINER

Permit No. 31-7015

This proof is for... W & B

In Water District No.

1. Name of applicant... CAL. IDAHO
2. Source of water supply: SUBSTRAIN
3. Location of point of diversion: Is in the SE NE of Section 27
T. 32 N. R. 36 E County of ...
4. Describe works as they exist, giving dimensions and capacities of same:
(#1 Well) 150 HP US Hollowstar Elec Motor # C100 4925
1 1/2" VTP # D23010 2200 gpm @ 140'
55 ps. @ pump line each unit
(#2 Well) 250 HP US Elec Motor # C100 320104
1 1/2" VTP # D22270, 2400 gpm @ 300' - 2 RAINCUT UNITS
5. Water is used for: IRRIGATION
6. State whether or not water has been turned into works of diversion: Yes
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):

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

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

Remarks: 1. 2. CLAR ROBINSON CONTACTED

MICRO-FLEX FLOW METER WORK # 35 INSTALLED

Q DETERMINATION BASED UPON UNIT 31.27
PRESSURE AS APPLIED OR RELATED TO DESIGN @ 100 PSI
NORTH UNIT - G = 1027 gpm @ 2.27 cfs
SOUTH UNIT - G = 726 gpm @ 1.66 cfs
THE TWO UNITS BEING OPERATED FROM WELL 31.27 @ 8.5 PSI
FOR GROUND UNIT = 3.44 cfs. TOTAL G FOR BOTH UNITS = 7.31

This examination was made on the 9TH day of JULY, 19 67

(Signed) Ken Reynolds

Examiner

31-07015

DO NOT MICROFILM
From WR License File Microfiche

31-7015-PLAT



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

Attachment No. 3

EASTERN REGION

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

To: Kirk Jacobs
Fr: Bryce Contor
Date: 11/7/2000

Bryce A. Contor

Re: Diversion rates

The North Water Measurement District has repeated the measurements on some of your wells where the original license methods were questionable. The earlier Water Measurement District measurements did not measure the systems at full capacity.

*North
Water Measurement*

	WR	Jacobs ID	License	Actual	License exam method
<i>OK m:tel</i>	<u>31-2426B</u>	#8 ✓	2.35 cfs	2.60 cfs	Nozzle and pressure
—	31-2427A	#4 ✓	4.46 cfs ✓	~~4.99~~ 4.96 cfs	Design capacity
—	31-2427B	Fugal ✓	4.46 cfs	5.47 cfs	Design capacity
×	31-7015B	#5 ✓	3.67 cfs ✓	5.50 cfs	Pressure and ??
×	31-7024B	#9 ✓	1.85 cfs ✓	2.82 cfs	Pressure and design calculation
×	31-7291	Z1 ✓	2.34 cfs	2.60 cfs	Installed flowmeter
×	31-7292	Z2 ✓	2.18 cfs ✓	2.62 cfs	Installed flowmeter
	~~31-07288~~				

In every case, I believe the licensing exam method for determining capacity was inadequate, and the Water Measurement District measurements are good measurements.

Note that in every case, the Water Measurement District values are within the standard rate of 0.02 cfs per acre. Your systems do not appear to use excessive water, compared to neighboring systems and in light of the sandy soils.

31-07288 Ryan 2.46 cfs 2.91 cfs

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

Permit No. G-32818

This proof is for Completion of Works & Beneficial Use In Water District No.

1. Name of applicant ~~Cal-Ida, Incorporated~~ Cal-Ida, Incorporated

2. Source of water supply: Subterranean

3. Location of point of diversion: Is in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ and SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 26

T. 8 N R. 36 E County of Jefferson

4. Describe works as they exist, giving dimensions and capacities of same:

- 31-24278
④
#1, 250 HP GE ELEC MOTOR # 082406163 LAVER & BOWLER VERT TURBINE # 512862
2100 gpm 303' 1770 RPM 10" DISCHARGE THROUGH TRENCH 2 (100' 14 TOWER 1000 gpm)
MARKED WELL # 3
- 31-24278
#2 250 HP GE ELEC MOTOR # 082413153 LAVER & BOWLER VERT TURBINE
TURBINE PUMP # 12861 2400 gpm 303' 1770 RPM 10" DISCHARGE
THROUGH 2 (LAVER & BOWLER RAIN CAT - 14 TOWER 1000 gpm SPRINKLER SYSTEM)
MARKED WELL # 1
- #3 200 HP GE ELEC MOTOR # 082126155 2 & 3 VERT TURBINE PUMP # 512862
2400 gpm 286' 1770 RPM 10" DISCHARGE THROUGH 2 RAIN CAT SPRINKLER SYSTEMS

5. Water is used for: Irrigation

6. State whether or not water has been turned into works of diversion: Yes

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):

E $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 34; all of Sec. 35; W $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 36, T. 8 N, R. 36 E, B.M.
(960 acres)

Amended TO READ: W $\frac{1}{2}$ E $\frac{1}{2}$ and E $\frac{1}{2}$ W $\frac{1}{2}$ of Sec 26 8 N 36 E
E $\frac{1}{2}$ W $\frac{1}{2}$ and E $\frac{1}{2}$ Sec 35 8 N 36 E
W $\frac{1}{2}$ W $\frac{1}{2}$ Sec 36 8 N 36 E

IRRIGATION PUMPS
& SPRINKLERS

ESTIMATE & AGREEMENT

STEEL, ALUMINUM PIPE
VALLEY SELF-PROPELLED
CIRCULARS

GEM STATE IRRIGATION, INC.

BOX 351

SOUTH YELLOWSTONE HWY.

REXBURG, IDAHO 83440

PHONE 356-9318

TO Frank & Mitch Jacobs #1429		DATE March 9, 1978	COMPLETION DATE
		BID: WE HEREBY PROPOSE TO FURNISH MATERIAL AND LABOR TO COMPLETE THE WORK OUTLINED HEREIN FOR THE SUM OF:	
		PAYMENT TO BE MADE AS FOLLOWS: <u>\$1000</u> Down - Payments as materials are delivered. Balance on start-up.	DOLLARS \$
WE HEREBY SUBMIT SPECIFICATIONS AND BID FOR:			
QUANTITY	STOCK NUMBER OR DESCRIPTION	AMOUNT	
2	Model 4871 Valley Electrics ¹²⁹⁸ 8 Tower, Adapted to Corner System with High Speed Motors (9hr. rotation). New Tires		
2	Pivot Running Lights		
2600'	Armored Cable		
2	Pivot Flexes		
2	Nelson 100 PC End Gun		
2	Stop-in-slots and end gun shut-off		
2	Freight, Installation, Wiring		
2	Pivot Pads		
2	Pivot Tie-ins		
Sub-Total		52,075.00	
2	125 H.P. Pump to do 1000 gpm @ 400' TDH with 160' - 8" x 2 1/2" x 1 1/2" Column, tube & shaft		
2	Set Pumps		
2	Pump Pads & Transformer Pad		
2	125 H.P. Panels - 3 phase, 440 volt with lightning arrestor, surge capacitor, phase failure, under voltage relay, time delay relay		
2	125 H.P. Panel Installation		
2	Pump tie-ins		
40'	8" Bare Steel		
2	8" Check Valves		
2	8" Butterfly Valves		
2	8" Water Meters		
Misc. flanges, bolts, gaskets, outlets, etc.			
Sub-Total		27,175.00	
Total		\$79,250.00	

TERMS: 10TH OF MONTH FOLLOWING DATE OF PURCHASE. Without grace for value received, I promise to pay to the order of Seller the above mentioned amounts, payable as hereinabove set forth. I agree that title to the merchandise hereinabove set forth shall at all times remain in the Seller's name, until this note is fully paid, and in it the same be placed with an attorney for collection or suit, I agree to pay a reasonable attorney's fee. If not paid at maturity, this note shall thereafter draw interest at the rate of 15% per annum until paid. Upon failure on the part of the purchaser to make payments, as herein specified, the Seller may repossess said property wherever found. Property shall not be moved from premises without consent of Seller.

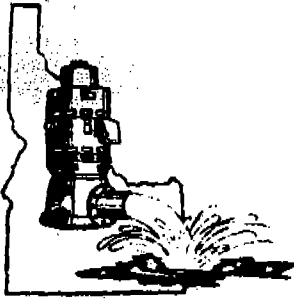
NO. 3641 DATE 3/9/78 SIGNED Robert H. Lee

THE ABOVE SPECIFICATIONS, TERMS AND CONTRACT ARE SATISFACTORY, AND I/WE HEREBY AUTHORIZE THE PERFORMANCE OF THIS WORK.

SIGNED [Signature] DATE Mar. 14-78

THIS BID VOID AFTER 30 DAYS FROM DATE UNLESS ACCEPTED BY SIGNATURE AT RIGHT

OFFICE COPY



GEM STATE IRRIGATION, INC.

BOX 488 - SOUTH YELLOWSTONE HIWAY
PHONE 208-356-9318 - TWX 910-979-5912
REXBURG, IDAHO 83440

June 1, 1978

Mr. Glen Leak
Federal Land Bank
1020 Taylor
Idaho Falls, Idaho 83401

Dear Glen:

This letter is to verify the amount of water being produced from the two wells on the Frank Jacobs farm at Hamer, Idaho. Both wells produce 1000 gpm with 90 psi at the pivot gage. This quantity has been verified by observing the water meters and checking the amps on the motors.

Following are the data on the pumps:

- (1) West Well:
 - (a) Depth of well - 232'
 - (b) Static water - 135'
 - (c) 125 H.P. motor (G.E.) S/N HNJ824115
 - (d) Johnston Pump S/N TL14184
 - (e) 160' - 8" Column
- (2) East Well:
 - (a) Depth - 232'
 - (b) Static water - 138'
 - (c) 125 H.P. motor (G.E.) S/N JNJ921122
 - (d) Johnston Pump S/N 1211418
 - (e) 160' - 8" Column

If you have any questions please call.

Sincerely yours,

Robert R. Lee

RRL/db

cc: Frank Jacobs

VALMONT INDUSTRIES INC
ORDER NO: 2523889 CONVERTED TO PARTS ORDER ON22389

SPRINKLER SETUP CHART

Low Pressure Conversion

CUSTOMER

NAME KIRK JACOBS RA SOUTH
ADDRESS
CT/ST/ZIP HAMER ID 00000
COUNTRY USA

DEALER

NUMBER: 002449
NAME GOLDEN WEST IDAHO FALLS

MODEL NUMBER
LENGTH
GALLONAGE
PIVOT PRESSURE
END GUN RADIUS
APPL RATE (IN/DAY)
TOTAL ACRES COVERED
GPM PER ACRE

1284.5
1200
38
1241
142.2
8.5

CPL LOCN	FT FROM PIVOT	LINE PRESS	ORFICE/ REGULATOR	SPRK MODEL	NOZZLE SIZES	DROP/ NOZ BOOM/ NOZ RISER	NOZ PSI	- GAL/MIN REQ
1	2.50			GAUGE				
2	9.50	57.8	S05-20PSI	DROP	SPRAY 4	1	60	22.2
3	16.50	57.6	S05-20PSI	DROP	SPRAY 4	2	66	22.0
4	23.50	57.4	S05-20PSI	DROP	SPRAY 4	3	66	21.7
5	30.50	57.2	S05-20PSI	DROP	SPRAY 4	4	66	21.5
6	37.50	56.9	S05-20PSI	DROP	SPRAY 4	5	66	21.3
7	44.50	56.7	S05-20PSI	DROP	SPRAY 4.5	6	72	21.1
8	51.50	56.5	S05-20PSI	DROP	SPRAY 4.5	7	72	21.0
9	58.50	56.3	S05-20PSI	DROP	SPRAY 5	8	72	20.9
10	65.50	56.1	S05-20PSI	DROP	SPRAY 5	9	72	20.9
11	72.50	55.9	S05-20PSI	DROP	SPRAY 5.5	10	72	21.7
12	79.50	55.7	S05-20PSI	DROP	SPRAY 5.5	11	72	21.7
13	86.50	55.5	S05-20PSI	DROP	SPRAY 5.5	12	66	21.6
14	93.50	55.3	S05-20PSI	DROP	SPRAY 6	13	66	21.5
15	100.50	55.0	S05-20PSI	DROP	SPRAY 6	14	66	21.5
16	107.50	54.8	S05-20PSI	DROP	SPRAY 6	15	66	21.4
17	114.50	54.6	S05-20PSI	DROP	SPRAY 6.5	16	60	21.3
18	121.50	54.4	S05-20PSI	DROP	SPRAY 6	17	60	21.4
	124.00	TOWER NO 1 - SPAN LENGTH - 124.00						
19	126.50	54.3	S05-20PSI	DROP	SPRAY 6	18	60	21.4

Low Pressure Conversion
SPRINKLER SETUP CHART

CUSTOMER:
NAME KIRK JACOBS #4 NORTH
ADDRESS
CT/ST/ZP HAMER ID 00000
COUNTRY USA

DEALER
NUMBER 002449
NAME GOLDEN WEST IDAHO FALLS

MODEL NUMBER
LENGTH 1280.0
GALLONAGE 1200
PIVOT PRESSURE 64
ENDGUN RADIUS 105
APPL RATE (IN/DAY) .46
TOTAL ACRES COVERED 138.28
GPM PER ACRE 9.00

CPL LOCN	FT FROM PIVOT	LINE PRESS	ORFICE/ REGULATOR	SPRK MODEL	NOZZLE SIZES	NOZ NO	DROP/ BOOM/ RISER	NOZ PSI	- GAL/MIN - REQ ACT
1	2.50			GAUGE			00		
2	9.50	63.8	S05-20PSI	DROP	VALMONT	#5	1 60	23.4	.16 .54
3	16.50	63.6	S05-20PSI	DROP	VALMONT	#5	2 66	23.1	.22 .53
4	23.50	63.4	S05-20PSI	DROP	VALMONT	#5	3 66	22.7	.31 .53
5	30.50	63.2	S05-20PSI	DROP	VALMONT	#5	4 66	22.5	.40 .53
6	37.50	62.9	S05-20PSI	DROP	VALMONT	#5	5 66	22.3	.49 .52
7	44.50	62.7	S05-20PSI	DROP	VALMONT	#5	6 72	22.1	.57 .52
8	51.50	62.5	S05-20PSI	DROP	VALMONT	#5	7 72	22.0	.66 .52
9	58.50	62.3	S05-20PSI	DROP	VALMONT	#6	8 72	21.8	.74 1.02
10	65.50	62.1	S05-20PSI	DROP	VALMONT	#6	9 72	21.8	.82 1.02
11	72.50	61.9	S05-20PSI	DROP	VALMONT	#5	10 72	21.9	.90 .52
12	79.50	61.7	S05-20PSI	DROP	VALMONT	#6	11 72	21.6	.98 1.01
13	86.50	61.5	S05-20PSI	DROP	VALMONT	#6	12 66	21.5	1.06 1.01
14	93.50	61.3	S05-20PSI	DROP	VALMONT	#7	13 66	21.4	1.14 1.32
15	100.50	61.0	S05-20PSI	DROP	VALMONT	#7	14 66	21.4	1.21 1.32
16	107.50	60.8	S05-20PSI	DROP	VALMONT	#7	15 66	21.4	1.29 1.32
17	114.50	60.6	S05-20PSI	DROP	VALMONT	#7	16 60	21.4	1.36 1.32
18	121.50	60.4	S05-20PSI	DROP	VALMONT	#6	17 60	21.5	1.23 1.01
	124.00	TOWER NO 1 - SPAN LENGTH - 124.00							
19	126.50	60.3	S05-20PSI	DROP	VALMONT	#7	18 60	21.4	1.27 1.32
20	133.50	60.1	S05-20PSI	DROP	VALMONT	#8	19 60	21.2	1.55 1.78

VALMONT INDUSTRIES INC
ORDER NO: 2524289 CONVERTED TO PARTS ORDER 0N22689
SPRINKLER SETUP CHART

-1-
12/11/89

CUSTOMER		MODEL NUMBER	4271
NAME	KIRK JACOBS N5 NORTH	LENGTH	1289.0
ADDRESS		GALLONAGE	1200
CT/ST/ZIP	HAMER ID 00000	PIVOT PRESSURE	81
COUNTRY	USA	END GUN RADIUS	111
DEALER		APPL RATE (IN/DAY)	.45
NUMBER:	002449	TOTAL ACRES COVERED	141.28
NAME	GOLDEN WEST IDAHO FALLS	GPM PER ACRE	8.00

CPL LOCN	FT FROM PIVOT	LINE PRESS	ORFICE/ REGULATOR	SPRK MODEL	NOZZLE SIZES	DROP/ NOZ BOOM/ NO RISER	NOZ PSI	- GAL/MIN - REQ ACT
1	5.35			GAUGE				
2	18.98	80.4	S05-20PSI	DROP	SPRAY 4	1	66 23.5	.49 .53
3	27.32	80.1	S05-20PSI	DROP	SPRAY 4	2	66 23.7	.41 .54
4	35.66	79.7	S05-20PSI	DROP	SPRAY 4	3	72 23.4	.54 .53
5	44.47	79.4	S05-20PSI	DROP	SPRAY 4.5	4	72 20.1	.67 .60
6	52.89	79.0	S05-20PSI	DROP	SPRAY 5	5	72 20.0	.78 .76
7	61.31	78.7	S05-20PSI	DROP	SPRAY 5.5	6	78 19.9	.89 .94
8	69.73	78.3	S05-20PSI	DROP	SPRAY 6	7	78 19.8	1.01 1.14
9	78.15	78.0	S05-20PSI	DROP	SPRAY 5.5	8	78 19.8	1.05 .94
10	85.53	77.7	S05-20PSI	DROP	SPRAY 6	9	78 19.7	1.21 1.13
11	94.91	77.3	S05-20PSI	DROP	SPRAY 7	10	78 19.6	1.40 1.54
12	103.20	77.0	S05-20PSI	DROP	SPRAY 6.5	11	78 19.7	1.33 1.33
13	110.58	76.7	S05-20PSI	DROP	SPRAY 6.5	12	78 19.6	1.43 1.33
14	119.00	76.3	S05-20PSI	DROP	SPRAY 7.5	13	78 19.5	1.62 1.76
15	127.42	76.0	S05-20PSI	DROP	SPRAY 7.5	14	78 19.5	1.72 1.76
16	135.84	75.7	S05-20PSI	DROP	SPRAY 7.5	15	72 19.5	1.82 1.76
17	144.26	75.3	S05-20PSI	DROP	SPRAY 8	16	72 19.4	1.95 1.98
18	153.07	75.0	S05-20PSI	DROP	SPRAY 8	17	72 19.3	2.09 1.98
19	161.83	74.6	S05-20PSI	DROP	SPRAY 8.5	18	66 19.3	2.26 2.26
20	171.20	74.2	S05-20PSI	DROP	SPRAY 9	19	66 19.2	2.36 2.47

VALMONT INDUSTRIES INC
ORDER NO: 2524189 CONVERTED TO PARTS ORDER 0N22589

-1-
12/11/89

SPRINKLER SETUP CHART

CUSTOMER

Low Pressure Conversion

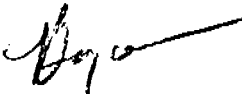
NAME KIRK JACOBS N5 SOUTH
ADDRESS
CT/ST/2P HAMER ID 00000
COUNTRY USA

MODEL NUMBER 4271
LENGTH 1289.0
GALLONAGE 1200
PIVOT PRESSURE 61
END GUN RADIUS 122
APPL RATE (IN/DAY) .44
TOTAL ACRES COVERED 143.54
GPM PER ACRE 8.00

DEALER
NUMBER: 002449
NAME GOLDEN WEST IDAHO FALLS

CPL LOCN	FT FROM PIVOT	LINE PRESS	ORFICE/ REGULATOR	SPRK MODEL	NOZZLE SIZES	DROP/ NOZ BOOM/ NOZ RISER	PSI	- GAL/MIN - REQ	ACT
1	5.35			GAUGE					
2	18.98	60.4	S05-20PSI	DROP	SPRAY 4	1	66	21.3	.49 .51
3	27.32	60.1	S05-20PSI	DROP	SPRAY 4	2	66	21.4	.41 .51
4	35.66	59.7	S05-20PSI	DROP	SPRAY 4	3	72	21.2	.54 .51
5	44.47	59.4	S05-20PSI	DROP	SPRAY 4.5	4	72	21.9	.67 .63
6	52.89	59.0	S05-20PSI	DROP	SPRAY 5	5	72	21.8	.78 .79
7	61.31	58.7	S05-20PSI	DROP	SPRAY 5.5	6	78	21.7	.89 .98
8	69.73	58.3	S05-20PSI	DROP	SPRAY 5.5	7	78	21.6	1.01 .98
9	78.15	58.0	S05-20PSI	DROP	SPRAY 5.5	8	78	21.5	1.05 .97
10	85.53	57.7	S05-20PSI	DROP	SPRAY 6	9	78	21.4	1.21 1.18
11	94.91	57.3	S05-20PSI	DROP	SPRAY 6.5	10	78	21.3	1.40 1.38
12	103.20	57.0	S05-20PSI	DROP	SPRAY 6.5	11	78	21.3	1.33 1.38
13	110.58	56.7	S05-20PSI	DROP	SPRAY 6.5	12	78	21.2	1.43 1.38
14	119.00	56.3	S05-20PSI	DROP	SPRAY 7	13	78	21.1	1.62 1.60
15	127.42	56.0	S05-20PSI	DROP	SPRAY 7.5	14	78	21.1	1.72 1.83
16	135.84	55.7	S05-20PSI	DROP	SPRAY 7.5	15	72	21.0	1.81 1.83
17	144.26	55.3	S05-20PSI	DROP	SPRAY 8	16	72	21.0	1.95 2.06
18	153.07	55.0	S05-20PSI	DROP	SPRAY 8	17	72	20.9	2.09 2.05
19	161.83	54.6	S05-20PSI	DROP	SPRAY 8.5	18	66	20.9	2.25 2.35
20	171.20	54.2	S05-20PSI	DROP	SPRAY 8.5	19	66	20.8	2.36 2.35

MEMORANDUM

To: 31-2427A, 31-2427B, 31-7015B, 31-7024B, 31-7291, 31-7292
Fr: Bryce Contor
Date: 8/9/2001 
Re: Amended claims

The attached amended claim was prepared per a phone request by Kirk Jacobs, last night to my home phone. The only adjustment is to claim a full 0.02 cfs/acre, and to increase the annual volume to 3.5 afa/acre on 31-7024B. --

The purpose of this filing is to allow Mr. Jacobs to file an objection to the recommended diversion rate, in order to preserve his right to appear in court, if he is not successful in obtaining amended licenses.

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 31-2427A
Date Received: 11/21/1988
Receipt No: E004241
Received By:

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

1. Name of Claimant(s)

KIRK M JACOBS Phone: (208) 662-5415

2576 E 2600 N
PO BOX 119
HAMER ID USA 83425

2. Date of Priority: 03/29/19

3. Source: GROUND WATER T...

4. Point of Diversion:

Township Range Section 1/4 of 1/4 of 1/4 County Type
08N 36E 35 SW SE NE JEFFERSON

5. Description of diverting works:

WELL, PUMP TO CENTER PIVOT

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A.
IRRIGATION	04/11	11/01	5.92	1036

7. Total Quantity Appropriated is:
5.92 C.F.S. and/or 1036 A.F.A.

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
08N	36E	35	NE	NE	IRRIGATION	36
			SE	NE	IRRIGATION	40

			NE	SE	IRRIGATION	40
			SE	SE	IRRIGATION	36
					Section Acres	152
08N	36E	36	NW	NW	IRRIGATION	36
			SW	NW	IRRIGATION	35
			NW	SW	IRRIGATION	37
			SW	SW	IRRIGATION	36
					Section Acres	144
					Total Acres	296

11. Place of use in counties: JEFFERSON

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

13. Other Water Rights Used:

14. Remarks:

Claim amended 8/9/2001 to reflect correct original diversion rate, see claim file for Notice of Error notification of problem with original license exam. Other elements of claim amended to match recommendation.

Claim given temporary database status pending receipt of signed amendment.

15. Basis of Claim: License

16. Signature(s)

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): _____ Date: _____
Representative for Frank H. Jacobs

State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 20__

Notary Public

Residing at _____

My commission Expires _____



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

March 14, 2001

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

FRANK H & GERALDINE M JACOBS
149 E 2ND S
REXBURG ID 83440

RE: NOTICE OF ERROR

Dear Water User:

In your Notice of Error for right 31-02427A and 31-07024B, you disagreed with the recommended diversion rate.

That rate was recommended based upon an existing water right license or formal transfer issued by Idaho Department of Water Resources. Unfortunately, the authority of the Snake River Basin Adjudication does not extend to increasing diversion rates authorized by administrative action.

The only options to change diversion rate are to have the license amended by the Allocation Bureau of the department, or to apply for a new permit based upon pre- 1987 development of diversion capacity.

The standard for changing a license is set very high. It requires proof that the original licensing exam was in error. As a minimum, this requires a report of an independent evaluation by a licensed Professional Engineer and solid documentation of the original design capacity of the installed system. The standard for a new permit is high, but not as high as for an amended license.

I am not encouraging you to pursue either of these options, but informing you what your options are. Please call me if you have questions. I'm sorry I cannot address your concerns.

Sincerely,

Bryce A. Contor



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

March 9, 2001

KIRK M JACOBS
PO BOX 119
HAMER ID 83425

RE: CHANGE IN OWNERSHIP FOR A31-02427A, A31-07015B,
A31-07024B, A31-07291, A31-07292

Dear Claimant:

The request for Change in Ownership concerning the Notice(s) of Claim in the above reference has been processed and the Notice(s) modified to reflect you as the new owner(s).

Enclosed is a copy of the Notice(s) of Claim, with your name shown as the current owner. Review the forms and if there are other corrections or questions, feel free to contact this office.

If there are no questions or corrections, please keep this Notice for your records.

Respectfully submitted,

Cheri Vandermeulen

Cheri Vandermeulen
Records Clerk

Enclosure: Notice(s) of Claim

PELOG BC 2/13/01
OK BAC 3/9/01

STATE OF IDAHO

IDAHO DEPARTMENT OF WATER RESOURCES

NOTICE OF CHANGE OF WATER RIGHT OWNERSHIP

Please print or type. Attach pages with additional information. Instructions are on the back of this page.

(5) ✓ Incomplete forms will be returned. (4) ✓ (21) ✓ (22) ✓

1. Water Right No(s): A 31-07015 B / 31-07024 B / 31-02427 A / 31-07291 / 31-07292

Adjudication Claim No(s): _____

2. The following **REQUIRED** information must be submitted with this form:A. A copy of the most recent **DEED, TITLE POLICY, CONTRACT OF SALE** or other legal document indicating your ownership of the property and water rights or claims in question, **WITH ATTACHED LEGAL DESCRIPTION.**

AND

B. **PLAT OF PROPERTY** or **SURVEY MAP** showing the location of the place of use of the water right(s) or claim(s). (These are usually attached to your deed or on file with the county.)

OR

C. If your water right or adjudication claim is for ten or more acres of irrigation, you must submit a USDA Farm Service Agency **AERIAL PHOTO** with the irrigated acres outlined and point(s) of diversion clearly marked. The **AERIAL PHOTO** should be submitted in place of the **PLAT OF PROPERTY** or **SURVEY MAP**.

3. Name and Address of Former Owner/Claimant

Frank H Jacobs and Geraldine M. Jacobs.

4. New Owner/Claimant(s)

Kirk M Jacobs

New Mailing Address

Name Connector (Check one): ☐ and, ☐ or, ☐ and/or
P.O. Box 119

City, State and ZIP Code

Hammer Id 83425

New Telephone Number

(208) 662-5415

5. Date you acquired the property

March 8 2000

6. Did you acquire all of the former owner's property? If you did, skip this item and go to item 7. If you acquired only a portion of the former owner's property, IDWR may need to split the water right(s) or adjudication claim(s). Describe in detail your portion of each water right or adjudication claim in the spaces in the box below only if the water right(s) or claim(s) need to be split between owners. If necessary, attach additional pages. If a water right or adjudication claim is being split and you are not sure how to identify your portion of the original right or claim, please contact the nearest IDWR office for assistance.

Number of acres you irrigate with this water right _____ Number and type of stock _____

Diversion rate in CFS _____ Number of homes you acquired _____ Other uses _____

7. Signature of New Owner(s) or Claimant(s)

Kirk M Jacobs

Corporations or other organizations must submit a list of directors and/or officers demonstrating authority to sign form.

8. For Snake River Basin Adjudication Claims: Please attach a Notice of Appearance completed by your attorney, if you wish IDWR to correspond with him or her for all matters related to your claims.

INSTRUCTIONS

This form has been prepared to assist new owners of property to comply with the requirements of Sections 42-248 and 42-1409(6), Idaho Code. Section 42-248 requires certain property holders to notify the Department of Water Resources (IDWR) of any change in mailing address or ownership of all or part of a water right record on file with IDWR. Section 42-1409(6) provides that new property owners must notify IDWR of any change in ownership of a water right during an adjudication of water rights. Required claims may be filed by a new owner.

Separate brochures are available from IDWR describing the adjudication of water rights and the requirement to notify IDWR of changes in ownership. Please contact your nearest IDWR office, or call 1-800-451-4129, if you would like more information or need help completing this form. Please attach additional sheets to the form if you require additional space to describe or explain any of the items on the form.

1. If there are water rights associated with the property, the seller should be able to provide you with the water right or adjudication claim number(s). Please enter these number(s) at **Item 1**. If you or the seller believes there are water rights for the property but the numbers are unknown, you may wish to contact IDWR for assistance in identifying the water rights for the property in question. If claims for the rights are required, and have not been filed, IDWR will so advise you.
2. The information described at **Item 2** is required, since IDWR cannot process the requested change without documentation of ownership. The preferred types of documentation are shown; contact IDWR if you have difficulty obtaining this information. Do not obtain a new survey for purposes of this form before contacting IDWR.
3. Please provide the name and address of the former owner of the water right and/or adjudication claim at **Item 3**.
4. The name, mailing address, and telephone number of the new owner(s) is entered at **Item 4**. Please indicate the relationship between multiple owners by using the connector 'and', 'or', or 'and/or'. If an 'and' is used, all parties must sign this form. If an 'and/or' or 'or' is used, all parties may sign. However, only one of the named parties is required to sign.
5. At **Item 5**, please provide the date the property in question was acquired. This may be the date of "closing" in the case of a real estate transaction or the date of court order for other types of ownership changes.
6. You may be purchasing only a portion of the total water right held by the seller. This means the water right held by the seller may be "split" to provide your share of the right in question. Be sure to include a description of the portion of the water right you have purchased at **Item 6**.

Please provide as much detail as possible concerning your portion of the water right: include the number of homes you acquired, number of acres irrigated with your portion of the right, if it is more than 1/2 acre, type and number of stock if your portion of the right includes stockwater, etc. In the absence of information to the contrary, IDWR will assume the intent is to split the rights *proportionately*.

7. The new owner(s) must sign the form in the space(s) provided at **Item 7**. Corporations and other organizations must submit a list of directors or officers demonstrating the authority of the director or officer to sign the form.
8. There is no filing fee. When complete, you should retain a copy and return the original of the form to the IDWR office nearest you:

IDWR Western Region
2735 Airport Way
Boise, ID 83705-5082
(208) 334-2190

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

IDWR Southern Region
1341 Fillmore St., Suite 200
Twin Falls, ID 83301-3380
(208) 736-3033

IDWR Northern Region
1910 Northwest Blvd., Suite 210
Coeur d'Alene, ID 83814-2615
(208) 769-1450

301798

Microfilm

MAR 08 2000

At 9:45 O'Clock A M

CONNIE M KELLER

Jefferson Co. Recorder

Fee \$

Recorded at Request of

Deputy

GIFT DEEDTHIS INDENTURE, Made and entered into this 9th day of February, 2000, by and Kirk Jacobs

between FRANK H. JACOBS and GERALDINE M. JACOBS, also known as GERALDINE JACOBS, husband and wife whose post office address is P.O. Box 308, Rexburg, Idaho 83440, the parties of the first part, and KIRK M. JACOBS, ^{2576 2400} ~~2811~~ East ~~2300~~ North, Hamer, Idaho 83425, the party of the second part, _{P.O. Box 119 Kel}

WITNESSETH:

That said parties of the first part, for and in consideration of the love and affection they hold for the party of the second part, by these presents, do give, convey, and confirm unto the said party of the second part, as his sole and separate property, all of their right, title and interest in and to the following described real property, together with each and every water right and complete irrigation system upon said real property, located in Jefferson County, State of Idaho, to-wit:

TRACT 1:

TOWNSHIP 8 NORTH, RANGE 36 EAST OF THE BOISE MERIDIAN, JEFFERSON COUNTY, IDAHO

Section 35: E ½ E ½

Section 36: W ½ W ½

EXCEPTING THEREFROM: County road right of way along the South side of said property.

TRACT 2:

TOWNSHIP 8 NORTH, RANGE 36 EAST OF THE BOISE MERIDIAN, JEFFERSON COUNTY, IDAHO

Section 25: W ½ W ½ 3-7015B

Section 34: E ½ NE ¼ 3-7024B

Section 35: W ½ NW ¼

TOGETHER WITH an easement 20 feet in width and is described as follows:

Segment I - Property of Olive Fugal - the North 20 feet of NW ¼ NW ¼, NW ¼ NE ¼ of

RECEIVED BY

ASSESSOR

For PLATTING

Date 3/8/00 Time 9:45

31-2427A ✓

Section 35, Township 8 North, Range 36 East of the Boise Meridian.

Segment II - Property of Frank H. Jacobs and Geraldine M. Jacobs - The North 20 feet of the West 30 feet of NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 35 Township 8 North, Range 36 East of the Boise Meridian, as disclosed by Grant of Roadway Easement recorded January 2, 1981, as Instrument NO. 207506, records of Jefferson County.

EXCEPTION THEREFROM: County road right of way along the North side of Section 25.

Section 26:

E $\frac{1}{2}$ E $\frac{1}{2}$

31-721513

EXCEPTING THEREFROM: Commencing at the NE Corner of Section 26, Township 8 North, Range 36 East B.M. and running thence S89° 57'11"W 1338.96 feet along the section line to the NW Corner of the E $\frac{1}{2}$ of the E $\frac{1}{2}$ of said Section 26; thence S0° 08'32"E 1837.01 feet more or less along the West line of the E $\frac{1}{2}$ of the E $\frac{1}{2}$ of Section 26 to the true point of beginning, said true point of beginning being a point on a curve with a radius of 1373.00 feet and a tangent that bears S21° 02'27"E; thence to the left along said curve 1137.98 feet through a central angle of 47° 29'19"; thence South 72.06 feet to a point on a curve with a radius of 1376.00 and a tangent that bears S67° 55'16"W; thence to the left along said curve 1148.23 feet more or less through a central angle of 47° 48'42" more or less to the appropriate West line of the E $\frac{1}{2}$ of the E $\frac{1}{2}$ of said Section 26; thence N0°08'32"W 1658.88 feet more or less to the TRUE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM: Commencing at the Northwest corner of the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 26 Township 8 North, Range 36 East of the Boise Meridian, Jefferson County, Idaho; and running thence East 500 feet; thence Southwesterly to a point 500 feet South of the Northwest corner of said NE $\frac{1}{4}$ NE $\frac{1}{4}$; thence North 500 feet to the point of beginning.

ALSO EXCEPTING THEREFROM: County road right of way along the North side of said property.

TRACT 3:

TOWNSHIP 7 NORTH, RANGE 37 EAST OF THE BOISE MERIDIAN, JEFFERSON COUNTY, IDAHO.

Section 8:

N $\frac{1}{2}$

31-7291
31-7292

EXCEPTING THEREFROM: That portion conveyed to the county of Jefferson in that certain Quitclaim Deed recorded April 12, 1976, as Instrument No. 179544, records of Jefferson County, Idaho.

Subject to the Mortgaged indebtedness thereon in the name of THE EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES, a New York corporation, having its principal office and post office address at 1290 Avenue of the Americas, New York, New York 10104, "Mortgagee", which shall be assumed and paid, according to the terms of said Mortgage, by the party of the second part.

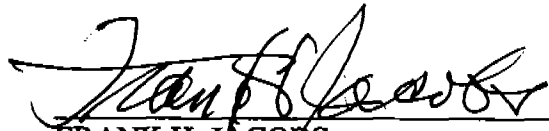
Subject to all accrued and accruing taxes levied and assessed upon the premises.

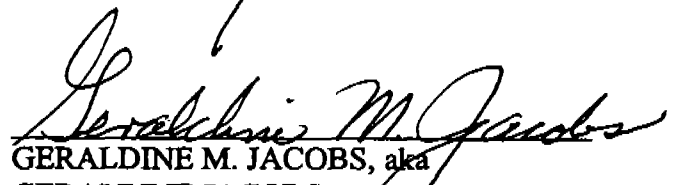
Subject to easements, if any, of record or in existence for roads, streets, ditches, canals, pipelines and utilities.

Subject to restrictive covenants, if any, of record.

Together with the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining unto the said party of the second part, as his sole and separate property, and to his heirs and assigns forever.

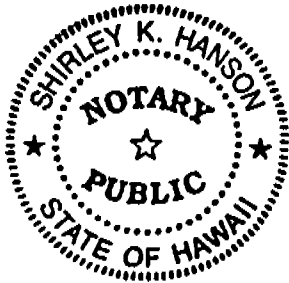
IN WITNESS WHEREOF, The parties of the first part have hereunto set their hands and seals the day and year first above written.


FRANK H. JACOBS


GERALDINE M. JACOBS, aka
GERALDINE JACOBS

STATE OF HAWAII)
ss.
County of KAUAI)

On this 30 day of ~~February~~ ^{MARCH}, 2000, before me, the undersigned, a Notary Public in and for said State, personally appeared **FRANK H. JACOBS and GERALDINE M. JACOBS, aka GERALDINE JACOBS**, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.




Notary Public for ~~Idaho~~ ^{HAWAII}
Residing at: ~~Rexburg, Idaho~~ ^{Princetonville HI}
My Commission Expires: 10/30/2001

4
01/25/2001

NOTICE OF ERROR
REPLY

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

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

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: March 9, 2001

Water right number: 31-2427A

FRANK H JACOBS
149 E 2ND S
REXBURG ID 83440
Telephone Number: (208)356-6834

GERALDINE M JACOBS
149 E 2ND S
REXBURG ID 83440
Telephone Number: (208)356-6834

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

We feel like the original methods of measurement were inaccurate and feel like the current measurements are also inaccurate. We intend to hire another measurement to confirm current conditions. We still are using original pump & meter.

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

We wish to amend current water right to match current conditions that we have practiced for over 95 years.

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

We feel that the original measurements were not valid methods and errors could of easily been made. The last measurement performed we feel like there wasn't enough mainline length which affects the new type of measurement.

DATE: 3/7/01

SIGNATURE: Kirk M Jacobs

Please print your name: Kirk M Jacobs

IDWR Regional Office, 900 N Skyline, Idaho Falls, ID 83402, 2085257161

Response: Adjudication cannot correct
CFS unless Allocations Bureau issues
amended license or new permit.

BAC 3/12/01

RECEIVED

MAR 07 2001

Department of Water Resources
Eastern Region

To: Frank Jacobs Files
Kirk Jacobs Files
Olive Fugal Files
Fr: Bryce Contor
Date: 8/9/2000

Re: Shelly Keen input on diversion rate questions.

Shelly Keen called back.

1. Documentation needs to be very solid. Consider:

- Flow measurement - UPL energy audit?
- Installer's documentation?
- Affidavit from operator or operator's employees.

2. Look carefully at license exams, for errors or faulty assumptions.

To: Frank Jacobs Adjudication Files
Kirk Jacobs Adjudication Files
Olive Fugal Adjudication Files
Fr: Bryce Contor
Date: 8/9/2000 
Re: Insufficient diversion rate on licenses.

Today I reviewed the diversion rate of these licenses with Kirk Jacobs, who operates these farms. Most of the licensed diversion rates are insufficient for the systems present, and inadequate for the soil types present.

Kirk says that these are the same systems, the same pivots, wells, and pumps, as originally licensed. Nothing has been done to increase the diversion rate.

The options we discussed are:

1. Apply for pre-moratorium permit, since the capacity was in place prior to 1987. I left a voice-mail for Shelly Keen asking him to tell us what documentation would be required to make this work.
2. Possibly future water management rules will allow for some concept of "average" diversion rate, allowing for continued use at the higher rates, for a limited time within a weekly or monthly averaging period.
3. Contest the original licenses and ask for an amended license. I told Kirk that Boise is not too keen on this, but it is an option to consider.
4. Buy a water right, dry up the ground, and transfer the cfs to the existing places of use.

To: A310-2427A
A31-02427B
Fr: Bryce Contor
Date: 8/9/2000



Re: Amend claim.

Today I visited in the office with Kirk Jacobs regarding these two claims. He operates the Olive Fugal ground (A31-02427B) and owns A31-02427A.

The claims filed split the original right along the section line, but actually there is a mini pivot attached to Kirk's system that irrigates part of the lands currently claimed by Fugal. These lands appear irrigated by handlines in the 1987 aerial photo.

Also, there is now a mini-pivot on the west of Fugal's land, that irrigates some lands west not owned by Fugal. A portion of these lands appear irrigated in the 1987 photo, but not all.

Proposed solution:

1. Kirk will obtain deeds showing correct property line.
2. We will prepare amended claims to match land ownership.
3. We will prepare an enlargement claim for the handline areas irrigated on Fugal's lands in the 1987 photo.
4. After the adjudication, there should be enough acres to allow a formal transfer to cover the rest of the Fugal mini pivot. These acres will come from parts of the sprinkler irrigated corners that are ~~now~~ *dried up* ~~irrigated by~~ mini pivots, and some lands now occupied by a house and corrals.

due to the

83425

Hawer, ID

Kirk Jacobs



EDMIR
900 N. 5th St. A
Idaho Falls ID 83402

Kirk-

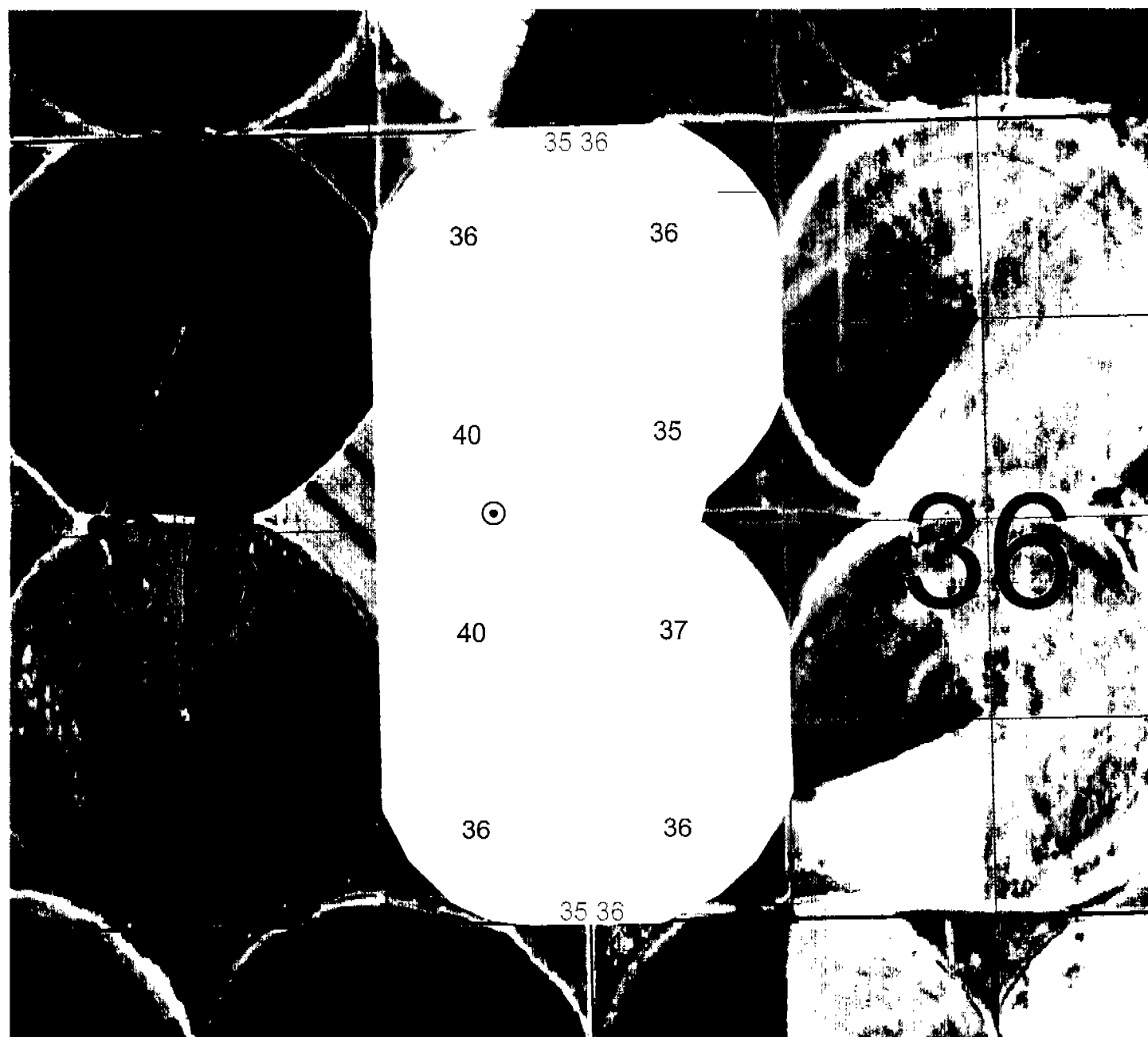
If you can get a letter from Frank Jacobs & Olive Fugal asking for you to be added to their water right files as a "representative," you'll get a copy of any mailings, even from Boise. If you now own any of these, let me know ASAP. After July there will be a fee for change of membership.

Thanks, Bruce

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-02427A

Township 8N Range 36E Section 35 and 36



○ Point(s) of Diversion, This WR

● Other Points of Diversion

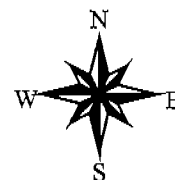
Place of Use, This WR

□ Other Places of Use

□ Section Lines

□ Quarter-quarter Sections

0 1320 Feet



Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 6/2000

Split History of 31-02427

6/1/00 B. Contor

Blue = Licensed
acre/acre

888 acres

13.37 cfs

 $\approx 0.015/\text{acre}$

37	37
32	32
37	37
33	33
37	37
32	32
37	37
33	33

Red =

A31-02427A

296 acres

4.46 cfs

 $\approx 0.015/\text{acre}$

37	37	37	37
32	32	32	32
37	37	37	37
33	33	33	33
37	37	37	37
32	32	32	32
37	37	37	37
33	33	33	33

Heavy Blue = A31-02427B

296 acres 4.46 cfs $\approx 0.015/\text{acre}$

Green = A31-02427C

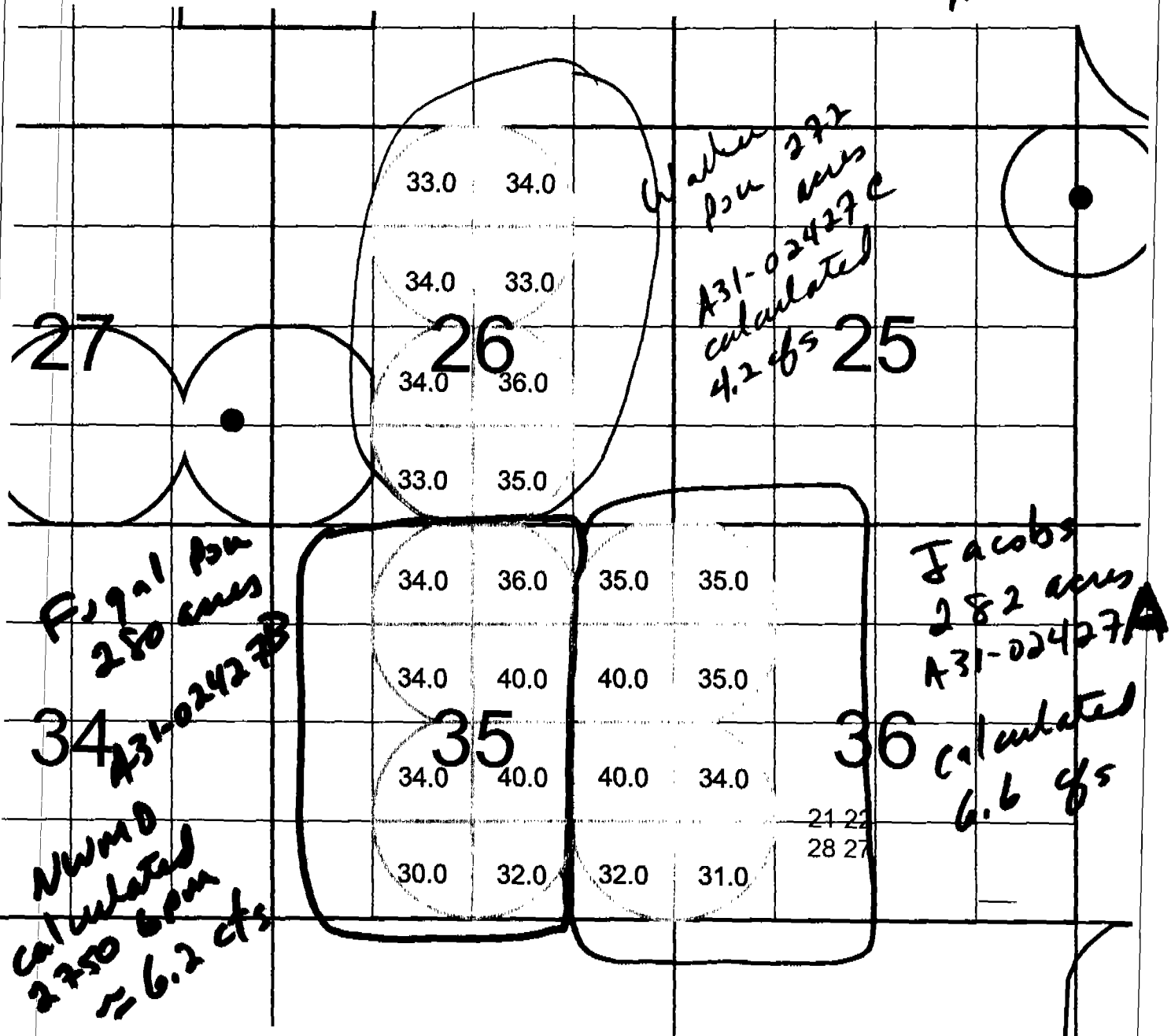
260 acres 5.20 cfs $\approx 0.02/\text{acre}$ claims Σ acres = 852 = underclaimed by 36 acresclaims Σ cfs = 14.12 = overclaimed by 0.75 cfs

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-02427

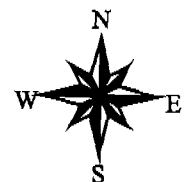
Township 8N Range 36E Section 26, 35, and 36

Actual pou
per 1987/88
NAPP



- ⊙ Point(s) of Diversion, This WR
- Other Points of Diversion
- Place of Use, This WR
- Other Places of Use
- Section Lines
- Quarter-quarter Sections

0 1320 Feet



Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 6/2000

Summary of Split History, 31-02427

Claimant	Claim	Acres License	Claim	Actual	CFS License	Claim	Calc. Capacity
Jacobs	A31-02427A	296	296	282	4.46	4.46	6.6
Fugal	A31-02427B	296	296	280	4.46	4.46	6.2
Walker	A31-02427C	296	260	272	4.46	5.2	4.2
Totals		888	852	834	13.38	14.12	17

Conclusion:

Recommend Jacobs and Fugal as claimed. Note that NWMD exam indicates an additional mini pivot on Fugal which doesn't appear on 1987/1988 NAPP. As this does not appear to have been claimed, this isn't an issue for recommendation though it may become an issue for allocations later on.

Invite Walker to ammend claim to reflect additional actual acres. Recommend 4.46 cfs as proportional share of original water right, despite calculated capacity slightly less.

A31-02427A

Diversion Rate calculation 6/2/00
B. Contor

1) Meter KW from 10/5/98 NWMD exam
 $1.35 \times 160 = 216 \text{ KW}$

2) PCC from nearby well, NWMD record 300498
398 KWH/acre foot

3) PCC formula:
$$PCC = \frac{KW \times 5431}{GPM}$$

4) Mathematical rearrangement:

$$GPM = \frac{KW \times 5431}{PCC}$$

5) Calculated GPM for A31-02427A

$$\frac{216 \times 5431}{398} = 2947 \text{ GPM} = 6.6 \text{ cfs}$$

Water User

JACOBS, FRANK H.

POD

08N 36E 35 SWSENE

Site Tag#

A0008813

Record #

300500

Diversion Name

#4



NORTH WATER MEASUREMENT DISTRICT

300500

FIELD REPORT

SITE DATA:

EXAMINER (inv_name) B. Contor

EXAM DATE: 10/5/98
(site_visit)

DIVERSION NAME: #4
(div_name)

GPS FILE NAME: C100518A
(gps_filnam)

SITE TAG #: A000 8813
(site_tagno)

OFFSET (offset): 6' above well

TAG LOCATION (tag_locat): transformer poles

POD LEGAL: SW 1/4 SE 1/4 NE 1/4, Sec. 35, T 8 N, R 36 E
(pod)

DEPT. MEASUREMENT CAPABILITY (std_rcmd):

SONIC (s)

SONIC/DIG (sd)

SONIC @ PVT (sp)

COLLINS (c)

PYGMY (p)

MEASUREMENT RECOMMENDATIONS (op_num):

PCC (2)

HOUR M. (7)

IRR. FLOWMETER (1)

OTHER FLOWMETER (8)

ALTERNATE (3)

SUITABLE FOR PCC EVEN IF OTHER METHOD SELECTED (pcc_ok)

YES NO

TRACKING WILL BE REQUIRED (trkng_reqd)

YES NO

WELL HAS GOOD ACCESS PORT FOR WATER LEVEL MEAS (wl_access)

YES NO

FLOWMETER INSTALLATION POSS. W/O MAJOR CHANGE (qmtr_ez)

YES NO

USER ANTICIPATES MAJOR SYSTEM CHANGE

1 YR

2 YRS

3 YRS

FOLLOW-UP DATE (folup_date): YEAR 1999 MONTH _____ DAY _____

OWNER/OPERATOR INFORMATION:

OWNER (name):

Frank Jacobs

PHONE _____

(if this is a change, data enter "yes" in field "name_chng")

ADDRESS

Frank Jacobs 89

CEL PHONE _____

OPERATOR (contact)

Kirk Jacobs

PHONE 662-5415

ADDRESS

CEL. PHONE _____

OVERLAP:

OTHER WR. THIS POD _____

OTHER POD THIS WR. _____

Crops 1 = Spuds

Acres 1 = 288

WELL/PUMP INFORMATION:

DEPTH OF WELL: _____ DEPTH OF BOWLS: _____

WATER LEVELS:

PRE-SEASON STATIC: _____ DATE MEAS: _____
(swl_pre) (swlpredate)DURING-SEASON STATIC: _____ DATE MEAS: _____
(swl_mid) (swlmidddate)POST-SEASON STATIC: _____ DATE MEAS: _____
(swl_post) (swlpstdate)DYNAMIC WATER LEVEL: _____ DATE MEAS: _____
(pmpng_wl) (pwl_date)

DOES STATIC WATER LEVEL DROP OR RISE OVER SEASON? YES NO

DOES ANOTHER WELL SPECIFICALLY INTERFERE WITH THIS WELL? YES NO

PUMP AND MOTOR INFORMATION:

WELL MOTOR

MFG: GE
SERIAL: DBJ406163
HP: 250

BOOSTER 1 MOTOR

MFG: _____
SERIAL: _____
HP: _____

BOOSTER 2 MOTOR

MFG: _____
SERIAL: _____
HP: _____

WELL PUMP

MFG: Layne & Bowler
SERIAL: D12861
TYPE: VERT T CENT SUBMER
(pump_type) (v) (c) (s)

BOOSTER 1 PUMP

MFG: _____
SERIAL: _____
TYPE: VERT T CENT SUBMER

BOOSTER 2 PUMP

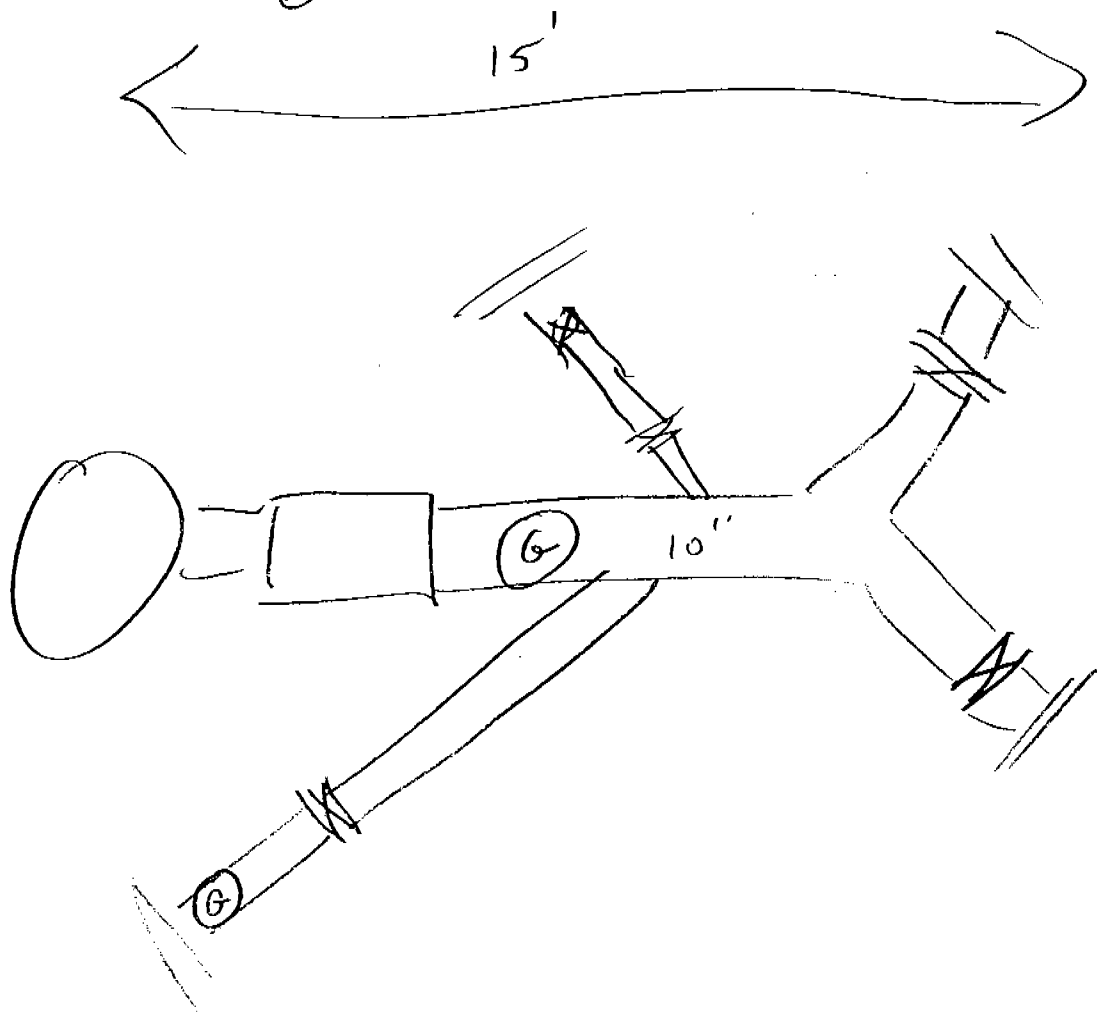
MFG: _____
SERIAL: _____
TYPE: VERT T CENT SUBMER

UTILITY KWH METER INFORMATION:

UTILITY: UPL
(utility)POLE #: _____
(pole_no)MAX KW DEMAND 1.35 x 160KILOWATT HRS 4377 X 160
(kwh_1)
(use date of exam for "kwh1_date")UTILITY ACCOUNT NUMBER _____
(acct_no)KWH METER SERIAL: 1643879
(pwrmttr_sn)METER MFG: ABB
(pwrmttr_mfg)Kh DISK CONSTANT 1.2
(kh)MULTIPLIER 160
(disk_mult)

PUMPING PLANT SKETCH

VALVE	=	
CHECK VALVE	=	
AIR VAC	=	
PRESS. RELIEF	=	
INDIVE/UPDIVE	=	
HOSE BIB	=	
PRESS. GAGE	=	
WELL ACCESS	=	



SYSTEM DESCRIPTION/NARRATIVE COMMENTS:

SYSTEM TYPE

(system_type)

COMMENTS TO DATA-ENTER (exam_notes):

Hr meters used for tracking. 2 big pivots, 1 mini,
 + 31 joints handline. Neglect handlines as GPM
 should be so low as to be within 10% of PCC with
 or without handlines. It always / crop tracking
 May not be req.

FILE-ONLY COMMENTS:

1 pump, no booster
 2 pivots (Big) 1 mini pivot + a few solid set
 31 joints

Can use hr meters for tracking:

Cond 1 = 1 Big Pivot + 1 mini hrs = mini hrs

Cond 2 ^{attached} 2 Big Pivots hrs = pump hrs - (cond 1 hrs + cond 3 hrs)

Cond 3 = 1 Big Pivot hrs = (sum of big pivot hrs) - (pump hrs)

% of each = $\left(\frac{\text{Condition hrs}}{\text{pump hrs}} \right)$

Recommendation by B. Contor based on interview
 w/ Kirk Jacobs 7/2/97 ~~Doyce A. Contor~~

I certify that the above information is true and correct to the best of my knowledge and ability and the measurements taken and recorded are in accordance with the standards and specifications of the equipment used.

Signature

Doyce A. Contor

Date

Jacobs / Fugal

Cond 1 = Big Pivot + mini

Cond 2 = 2 Big Pivots

Cond 3 = 1 Big Pivot w/o mini

Cond 1 hrs = (mini pivot hrs)

Cond 2 hrs = (sum of ^{big} pivot hrs) - (pump hrs)

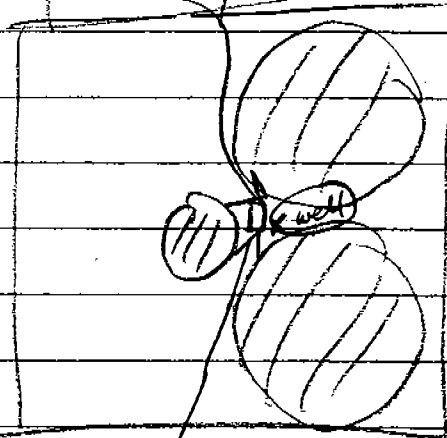
Cond 3 hrs = (pump hrs) - (Cond 1 hrs + Cond 2 hrs)

Note that hr meter tracking on 7/7/97
inventory sheet won't work

BAC 8/5/97

This assumes big pivots are same 6PM -
check at time of exam!

Kirk
Jacks
wound



Cinder block
wound

State of Idaho

License and Certificate of Water Right

Water License No. G-32818 Priority March 24, 1966 Amount 13.37 c.f.s.

THIS IS TO CERTIFY that CAL-IDA INC. of Newdale, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated March 29, 1966; that Permit No. G-32818 was issued under said application; that Certificate of Completion of Works, with a carrying capacity of 13.37 second feet, was issued thereunder on April 24, 1968, showing that said works were completed on the 7 day of September, 1966; and that on the 7 day of September, 1966, Cal-Ida Inc. by Clair Robinson, president

of Newdale, State of Idaho, made proof to the satisfaction of the State Reclamation Engineer of Idaho, of a right to the use of the waters of a well a tributary of subterranean flow for the purpose of irrigation under Use Permit No. G-32818 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

The right hereby confirmed dates from March 29, 1966. The Point of Diversion is located 3 points: one in SE 1/4 NW 1/4 Sec. 26; one in SE 1/4 NW 1/4 and one in the SE 1/4 NE 1/4, Sec. 35, Twp. 8 N, R. 36 E, B.M. Jefferson County. 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 13.37 cubic feet per second.

Description and location of use

Twp.	Range	Section	Forty-Acre Tract	Acres Described in Permit	No. Acres Actually Irrigated
8 N	36 E	26	NW NE	40	37
			SW NE	40	37
			NE NW	40	37
			SE NW	40	37
			NE SW	40	37
			SE SW	40	37
			NW SE	40	37
			SW SE	40	37
		35	NE NE	40	37
			NW NE	40	37
			SW NE	40	37
			SE NE	40	37
			NE NW	40	37
			SE NW	40	37
			NE SW	40	37
			SE SW	40	37
			NW SE	40	37
			SW SE	40	37
			SE SE	40	37
		36	NW NW	40	37
			SW NW	40	37
			NW SW	40	37
			SW SW	40	37
Total number of acres irrigated:				888	

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this 24 day of April, 1968.

Deputy State Reclamation Engineer