

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

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

CIVIL CASE NUMBER: 39576

Ident. Number: A36-04182

Date Received: 10-12-89

Receipt No: 0012178

Received By: Ret

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED
OCT 12 1989

1. Name: J. R. SIMPLOT COMPANY
Address: P.O. BOX 27
BOISE, ID

83707

2. Date of Priority: OCT 01, 1962

3. Source: GROUNDWATER

Trib. to:

Department of Water Resources

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
10S	23E	15	NW	SW			MINIDOKA

5. Description of diverting works:
WELL, PUMP

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
INDUSTRIAL	01/01	12/31	0.070		

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

A.F.A.

8. Total consumptive use is

Acre Feet Per Annum.

9. Non-irrigation uses:
I/BATHROOM, COOLING

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
10S	23E	15	NW	SW		INDUST	

11. Place of use in counties: MINIDOKA

A36-04182

Page 1

Date: 10/11/89

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FEB 01 1993

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

13. Other Water Rights Used:
NONE

14. Remarks:

15. Basis of Claim: STATUTORY CLAIM

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: One Map

For Organizations:

I do solemnly swear or affirm that I am Secretary of
J. R. SIMPLOT COMPANY, that I have signed the foregoing
Organization
document in the space below as Secretary of
J. R. SIMPLOT COMPANY and that the statements contained in the
Organization
foregoing document are true and correct.

[Signature]
Signature of Authorized Agent

Secretary, J. R. SIMPLOT COMPANY
Title and Organization

10/12/89

Date

State of Idaho)
County of ADA) SS.

Subscribed and sworn (or affirmed) before me this 12th day
of October 19 89

[Signature]
Notary Public

Seal

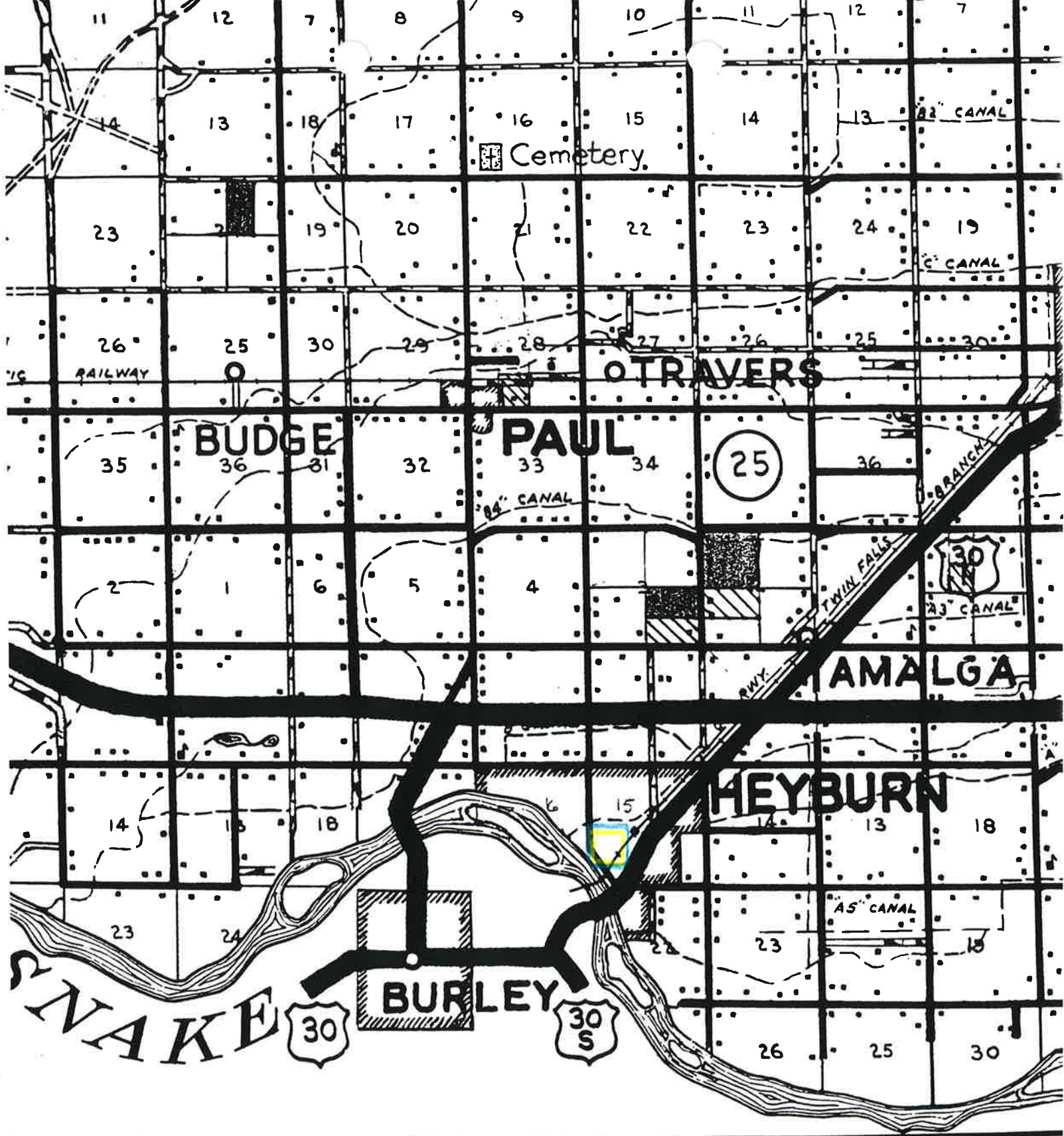
Residing at Boise, Idaho

My Commission Expires 10-13-92
2 Date: 10/11/89

A36-04182

Page

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E.

R. 23 E.

MICROFILMED
FEB 1953

T. 10S R. 23E

WR# A36-04182

— = point of Diversion

— = place of Use

COPY TO FILE

C012178

RECEIVED

OCT 26 1989

Department of Water Resources
Southern Region Office

10/12/89
13:24:30

SIMPLOT COMPANY, J.R.

ADJUDICATION FEE
APPLICATION FOR PERMIT

0410162	9337	6490	\$4,912.00
0610199	1238	6390	\$45.00

\$4,957.00

CHECK 47890

WR/NO:	A36-02648	A36-02729	A36-08154	A36-04182	A36-04181
	A36-04180	A36-04178	A36-04179	A36-02542	A36-04256
	A36-07636	A36-02620	A36-02619	A36-02213	A36-02208
	A36-13320	A36-13319	A36-02212	A36-04006	

Idaho Department of Water Resources

Region: STATE

Signature: _____

10/17/89 JP
AFTER CHANGE

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FEB 01 1993

J. E. Simplot Company

A36-2648 - \$316
A36-2729 - \$106
A36-08154 - \$500
A36-04182 - \$57
A36-04181 - \$51
A36-04180 - \$51
A36-04178 - \$51
A36-04177 - \$685
A36-02542 - \$272
A36-04256 - \$99
A36-07636 - \$99
A36-02620 - \$50
A36-02619 - \$690
A36-02213 - \$50
A36-02208 - \$370
A36-13320 - \$600
A36-13319 - \$85
A36-02212 - \$50
A36-04006 - \$730

Application - 45

4,957.00

C012178

Cone 11

Bar - U - Inc.

A36-13261 - \$25
A36-13258 - 25
\$50

C012179

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INVOICE NO.	DESCRIPTION	ACCOUNT	CENTER	AMOUNT	PROJECT	DESC. II
	SNAKE RIVER ADJUDICATION			\$50.00		

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING.

J. R. SIMPLOT COMPANY - Boise, Idaho 83707

No 47890

INVOICE NO.	DESCRIPTION	ACCOUNT	CENTER	AMOUNT	PROJECT	DESC. II
	SNAKE RIVER ADJUDICATION			\$4,957.00		

J.R. SIMPLOT CO

10-12-89

Jeff —

I receipted two checks for
Vic Conrad —\$50 for the 2 Bar U, Inc. ^{attached}\$4957⁰⁰ for 19 claims (attached)
1 app/permit (sent to ^{Sorenson})He said he would bring the maps
next week.

Also, he did not bring the
list with fees for each
claim. Therefore, the receipt ~~is~~
does not break out the
claims. When he brings
the list back, receipt needs
to be corrected & have all
claims listed ^{✓ fees}.

Glen

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FEB 01 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

October 3, 1990

A36-04182
T.R. SIMPLOT CO.
P.O. BOX 27

RDISE

TD 62707

Dear Claimant(s):

In the past you submitted the claim(s) identified with the number(s) shown above your name and address at the top of this letter. You indicated on the claim(s) that the basis for establishing the water right(s) was Beneficial Use, meaning the water right was not previously confirmed by a decree, water right license or permit before you filed the claim(s).

The purpose of this letter is to request evidence supporting the priority date(s) you have claimed. The enclosed pamphlet describes what this means. While I encourage you to read all of the pamphlet, I direct your attention to the right-hand half of the pamphlet after you open it. There you will find two sections: What Kind of Evidence is Required, and Some Examples of Documents which May Be Evidence of the Priority Date. These sections tell you what must be submitted. The other sections tell you why the evidence is necessary and what the consequences of not submitting the evidence could be.

Please submit the requested evidence by November 1, 1990. When returning to the Department please reference all documents with the claim(s) identification number(s) listed above.

If you have questions not addressed by the pamphlet or need other technical assistance, please feel free to contact this office. For advice on your water right(s), please contact your attorney.

Sincerely,

Allen Merritt, P.E.
Water Rights Supervisor

Enclosure

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FEB 01 1993

DEVELOPMENT GROUP

October 31, 1990

Allen Merritt, P.E.
Water Rights Supervisor
State of Idaho Department of Water Resources
Southern Region
222 Shoshone St. East
Twin Falls, Idaho 83301

Re: Additional evidence supporting the priority dates to be included in files A36-04179, A36-04180, A36-04181, A36-04182.

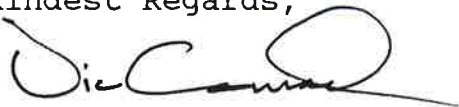
Dear Mr. Merritt:

Per your request please find enclosed additional evidence supporting the priority dates for the above referenced claims. Please include the enclosed Heyburn Plant aerial photograph copies dated September 9, 1962 into the corresponding files. Also included is a well driller's log appurtenant to A36-04179 indicating a drilling start date of June 26, 1959. This information was supplied to me by Company Personnel from Plant records.

I am continuing to research additional evidence to support the priority dates for claims A36-04006, A36-04178, A36-04256, the remaining claims you requested pursuant to your letter of October 3, 1990. I intend to submit this information to you on or before November 30, 1990.

If you have any question please contact me at (208) 389-7359.

Kindest Regards,



Vic Conrad
Associate, Simplot
Land and Development

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corp 400
shop
04182

Maid
W11
36-04179

Wheel PR
36-04181

auto S
501 & 1001
36-04180

36-04182

W/R# 36-04182

photo includes portions
of Sections 15 and 16
T.10S R.23E.

FILE
109.55N

INPUT: AJ_SELECTION:FRAZEE-NAME-SIMPLOT.SEL

TYPE OF ACTION: ADD

MODIFY ALL FIELDS FLAG:

LAST NAME: YOUNG, GRAY OR BRUCE BELZER
ADDRESS LINE 1: J R SIMPLOT CO LEGAL DEPT
ADDRESS LINE 3: PO BOX 27
CITY: BOISE

STATE: ID ZIP: 837070027

FIRST NAME:

ADDRESS LINE 2: 999 MAIN ST STE 1300

PHONE NUMBER: (208) 389-7318

36-02208 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02212 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02213 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02542 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02619 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02620 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02648A ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02648B ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-02729 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-04006 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-04179 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-04180 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-04181 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-04182 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-04256 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-07333 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-07636 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-08154 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-13319 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
36-13320 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
57-02202 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
57-02203 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A01-04058 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A01-10101 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-00006 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-00015 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-00060 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-00076 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-00087 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02053 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02118 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02139 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02166 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02220 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02221 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02222 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02241 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-02409 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-07027 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-07040 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-07382 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-10002 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-10026 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A02-10049 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A22-07423 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A22-07451 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A24-07113 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A24-07164 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE
A24-07169 ATTORNEY NAME SUCCESSFULLY ADDED TO NAME FILE

you have *N.O.A. copy*
SAC

RECEIVED
10:00 AM
Department of Water Resources
Southern Region Office

GRAY YOUNG
BRUCE BELZER
Attorneys at Law
J. R. Simplot Company Legal Department
999 Main Street, Suite 1300
P.O. Box 27
Boise, ID 83707
(208) 389-7318
(208) 389-7515 Telefacsimile

Attorneys for J. R. Simplot Company

RECEIVED
JAN 21 1992

Department of Water Resources

RECEIVED

APR 06 1993

Department of Water Resources
Southern Region Office

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT
OF THE STATE OF IDAHO IN AND FOR THE COUNTY OF CASSIA

In Re the General Adjudication
of Rights to the Use of Water
From the Snake River Drainage
Basin Water System.

The State of Idaho, ex rel.
R. Keith Higginson in his
official capacity as Director
of the Idaho Department of
Water Resources,

Petitioner,

vs.

The United States;
The State of Idaho;
and All Claimants to the Use
of Water from the Snake River
Basin Water System,

Respondents.

ALICE FOSHA, HELEN FLINT, and
BEVERLY ADAMS, individuals,

Plaintiffs,

vs.

A. KENNETH DUNN, Director of the
Department of Water Resources
of the State of Idaho,

Twin Falls County
Civil Case No. 39576

and

Cassia County
Civil Case No. 13770-12-83

NOTICE OF APPEARANCE

*Don modified thru
C.A.N. program.*

*4-1-93
- 2/*

CERTIFICATE OF MAILING

I HEREBY CERTIFY that a true and correct copy of the foregoing NOTICE OF APPEARANCE was mailed this 20th day of January, 1992, in an envelope with sufficient first-class postage prepaid thereon to the following:

Idahome Farms, Inc.
1925 Oakley Avenue
Burley, ID 83318

Dennis Jay Harper
Star Route
Declo, ID 83323

Roland Allen Land &
Livestock
Star Route
Malta, ID 83342

Mark J. Taylor
Strong & Hanni
5th Floor, Boston Building
Salt Lake City, UT 84111
Attorney for Fosha, et al.

Leo A. Jardine
Jardine, Linebaugh,
Brown & Dunn
Suite 400
370 East South Temple
Salt Lake City, UT 84111
Attorney for Raft River Ranches, Inc.

A. Lynne Krogh-Hampe
Deputy Attorney General
Idaho Department of Water Resources
1301 North Orchard
Boise, ID 83706-2237


VICKI SPANGLER

Water Right Number - 36-04182

Prefix Translation: WATER RIGHT

Old (D) Number -

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

*** A - ATTORNEY ***

YOUNG OR TERRY UHLING

GRAY

1 - ENV AND REGULATORY AFFAIRS

2 - J R SIMPLOT COMPANY

3 - PO BOX 27

City- BOISE

State- ID Zip- 837070027

Phone - 208-389-7318

*** C - CURRENT OWNER ***

J R SIMPLOT COMPANY

1 - PO BOX 27

2 -

3 -

City- BOISE

State- ID Zip- 83707

Phone - 208-000-0000

*** K - ALSO KNOWN AS ***

SIMPLOT

1 -

2 -

3 -

City- BOISE

State- ID Zip- 83707

Phone - 208-000-0000

+ - - Priority Date - - + + - - - Region - - - + + - - - Stage - - - + + - - - Status - - - +
10/01/1962 17 SOUTHERN J - BENEFICIAL USE

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

+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County Diversion Name
10S 23E 15 NW SE SW (67) MINIDOKA

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
07 - INDUSTRIAL 01/01 12/31 0.020 0.30

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
0.020 0.30 0.0

+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
10S 23E 15 SE SW 07 INDUSTRIAL (67) MINIDOKA

+ - - Diversion Means - SANDPOINT WELL WITH 1/3 HP PUMP.

+ - - Non-Irrigation Use - INDUSTRIAL/ USE IN CARPENTER SHOP (BATHROOM, DRINKING, WASHING)

+ - - Other Rights for Same Use - NONE

Elp Rmk

Proved
12-10-97
KKC

updated
12-9-97
KKC

Water right number - 36-04182

Prefix Translation: WATER RIGHT

+ - - - - Remarks - - - - - +
No Remarks found.

+ - - - - Old Water Right Numbers - - - - - +
No Old Water Right Numbers found.

+ - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.

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

+ - - Audit Fields - 08/16/91 SOUTH1 09/19/91 WORSTELL 09/20/91 WORSTELL 02/26/92 MERRITT 07/18/92 POST-STD
08/28/92 PR-PRODM 11/02/92 CPSHAW 12/05/92 ADT-SHAW 04/02/93 CAN-SHAF 05/19/94 CAN-SHAF
03/29/95 POST-STD

+ - - Certified Numbers & Date Mailed - 258599 08/24/92

+ - - - - Comments - - - - - +
Date: 09/19/1991 User Id: WORSTELL Subject: POINT OF DIVERSION
THIS RIGHT USES THE SAME WELL AS RIGHT 36-02648.

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

Court Report Filing	- 11/02/1992	Field Inspection Made	- 08/14/1991	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 02/26/1992	Old Judicial District	-
Claim Received Date	- 10/12/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	-
Licensed Date	- 00/00/0000	Receipt Number	- C012178	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	- AND/OR	Notice of Error Flag	-

R PROOF



CVR



MAPS



PHOTOS



MISC



MICROFILMED
FEB 01 1993

Water Right Number - R36-04182

Prefix Translation: RESEARCH

Old (D) Number -

VERIFIED ADM

+ - - - - Last Name - - - - +

+ - First Name - - +

+ - - - - Address - - - - - +

*** C - CURRENT OWNER ***

J. R. SIMPLOT COMPANY

1 - P.O. BOX 27

2 -

3 -

City- BOISE

State- ID Zip- 83707

Phone - 208-000-0000

*** K - ALSO KNOWN AS ***

SIMPLOT

1 -

2 -

3 -

City- BOISE

State- ID Zip- 83707

Phone - 208-000-0000

MICROFILMED
FEB 01 1993+ - - Priority Date - - +
10/01/1962+ - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
J - BENEFICIAL USE

+ - - Status - - - +

+ - - - - Source - - - - - +
GROUNDWATER

+ - - - - Tributary - - - - - +

+ - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County

10S 23E 15 NW SE SW (67) MINIDOKA

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
07 - INDUSTRIAL 01/01 12/31 0.020 0.30+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.020 0.30 0.0+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
10S 23E 15 SE SW 07 INDUSTRIAL (67) MINIDOKA

Total Acres:

+ - - Diversion Means - SANDPOINT WELL WITH 1/3 HP PUMP.

+ - - Non-Irrigation Use - INDUSTRIAL/ USE IN CARPENTER SHOP (BATHROOM, DRINKING, WASHING)

+ - - Other Rights for Same Use - NONE

+ - - - - Remarks - - - - - +
No Remarks found.

Water right number - R36-04182

Prefix Translation: RESEARCH

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

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

No Old Water Right Numbers Found

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

No Conditions of Approval found.

+ - - - Decree Plaintiff - - - +

+ - - - Decree Defendant - - - +

+ - Decree Date - +

00/00/0000

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

No Comments Found

+ - - Audit Fields - - +

02/26/92 MERRITT

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/14/1991	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 02/26/1992	Old Judicial District	-
Claim Received Date	- 10/12/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- C012178	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

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FEB 01 1993

CLAIM NO. A36 - 04182

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
CLAIM VERIFICATION EXAM SHEET
FOR SMALL INDUSTRIAL AND COMMERCIAL CLAIMS IN PLACE OF A CVR

1. ☒ No Change NAME:
NEW OWNER: _____
☐ No Change ADDRESS: _____
☐ NEW ADDRESS: _____
☐ DATA ENTRY STANDARDS CHECKED?
2. ☒ No Change - DATE OF PRIORITY:
(EVIDENCE OF PRIORITY REQUIRED) ☐ Proof in File
☐ Claimant Contact if Not
☐ CHANGE- Priority date, per claimant, is _____
(if the priority date, based on your exam, seems questionable,
explain in COMMENTS.)
3. ☒ No Change - SOURCE:
☐ CHANGE - Different Source found: _____
4. ☒ No Change - POINT OF DIVERSION:
Point of diversion is different than the claim
New P/D: Twp. 10S, Rge. 23E, Sec. 15, NW 1/4 SE 1/4 SW 1/4
- Note: If the 10-acre tract is shown on the claim, then
verification of the 10-acre parcel is needed. Otherwise the
10-acre tract is not required, unless the source is a spring.
5. ☐ No Change - DESCRIPTION OF DIVERTING WORKS:
☒ Complete items missing, IF KNOWN.
- HP of pump 1/3 Static water level _____ Well depth _____
Casing size _____ Pumping water level _____ Gravity flow _____

GROUNDWATER MEASUREMENT REQUIREMENT ANALYSIS

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8) \times (H.P.) \times (EFF.)}{TDH}$

Q = CFS

H.P. = Total Brake Horsepower of pumping plant (including booster)

EFF. = Pumping plant efficiency (ASSUME 70% OR 0.70)

TDH = total dynamic head = [(LIFT) + (PSI X 2.31)]

LIFT = depth to water in FEET from land surface to pumping
water level

PSI = pumping pressure measured in psi near pump
(if open discharge assume zero [0])

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$$Q = \frac{(8.8) \left(\dots \frac{1}{3} \dots \right) (0.70)}{[(\dots 50 \dots) + (\dots 50 \dots \times 2.31)]} = 0.0124 \approx 0.02 \text{ cf}$$

LIFT FROM:

measurement ()

owner ()

area estimate (X)

well logs ()

Booster (Y) (N)

PSI FROM:

measurement ()

owner ()

estimate (X)

owner gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

REMARKS

Well is located in side Carpenter Shop near bathroom.

DESCRIPTION OF USE: (Fully describe type, time & all aspects of Use)

Water is used for toilet and washing facility inside of carpenter shop. Water is also used for drinking.

Conversation with Vic Conrad 12/9/91 indicated that there were 2000 employee hrs/yr at the shop.

At the time of field exam I observed about 5 employees at the shop. Gerald Jordan indicated the plant operates year round.

$$\text{Assuming Volume} = \frac{(50 \text{ gal/worker/day}) \times (5 \text{ workers}) \times (365 \text{ days})}{325,900 \text{ gal/A.F.}} = 0.3 \text{ A.F.}$$

Consumptive use seems insignificant

This use could be described as domestic under new definition.

CALCULATE VOLUMES: (time)(rate) = Vol.

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6. ☐ No Change - **WATER USES:**
☒ **RECOMMENDED USES:**

Use Industrial From 1/1 To 12/31 Amount 0.02 cfs 0.3 af — af
 Use _____ From _____ To _____ Amount _____ cfs _____ af _____ af

☐ DATA ENTRY STANDARDS CHECKED FOR ITEMS 6, 7, 8 AND 9.

10. ☐ No Change - **PLACE OF USE:** (If changed, list below.)
 Use Twp. Rge. Sec. 1/4, 1/4, 1/4

Industrial 10S 23E 15 _____ SE SW

13. ☒ No change - **OTHER RIGHTS FOR SAME USE:**
☐ CHANGE: _____

REMARKS AND CONDITIONS

14. ☐ (copy existing remarks to comments in "R")
☐ LIST STANDARD REMARKS FOR THE RECOMMENDATION: ☒ NONE

☐ LIST STANDARD CONDITIONS FOR THE RECOMMENDATION: ☒ NONE

15. ☐ **BASIS OF CLAIM VERIFIED AS:** D - L - P - S - J (circle one)

COMMENTS: (pertinent to field examination)

MICROFILMED
 FEB 01 1993

PAGE 4

CLAIM NO. _____

ATTACHMENTS: Attached to This Form. Attachments are in Permit File.

PHOTOS
MAP
SYSTEM DIAGRAM



DATE EXAM CONDUCTED: 2/21/92

ACCOMPANIED BY:

Gerald Jordan

FIELD EXAMINER:

Per Manti

SIGNATURE:

REVIEWED BY/DATE:

DATA ENTRY BY/DATE:

VERIFICATION BY/DATE:

AS

MICROFILMED
FEB 01 1993

CANAL

16

CLAIM A36-04182 INIT Adm

T. R. S. Q/Q

P/D

PHOTO BB 78 SE

DT.&ID. _____

500

Heyburn

U. H. S.

Park BM
4153

15

4715

Sewage
Disposal

send point

P/U

4714

500 SOUTH

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32' 30"

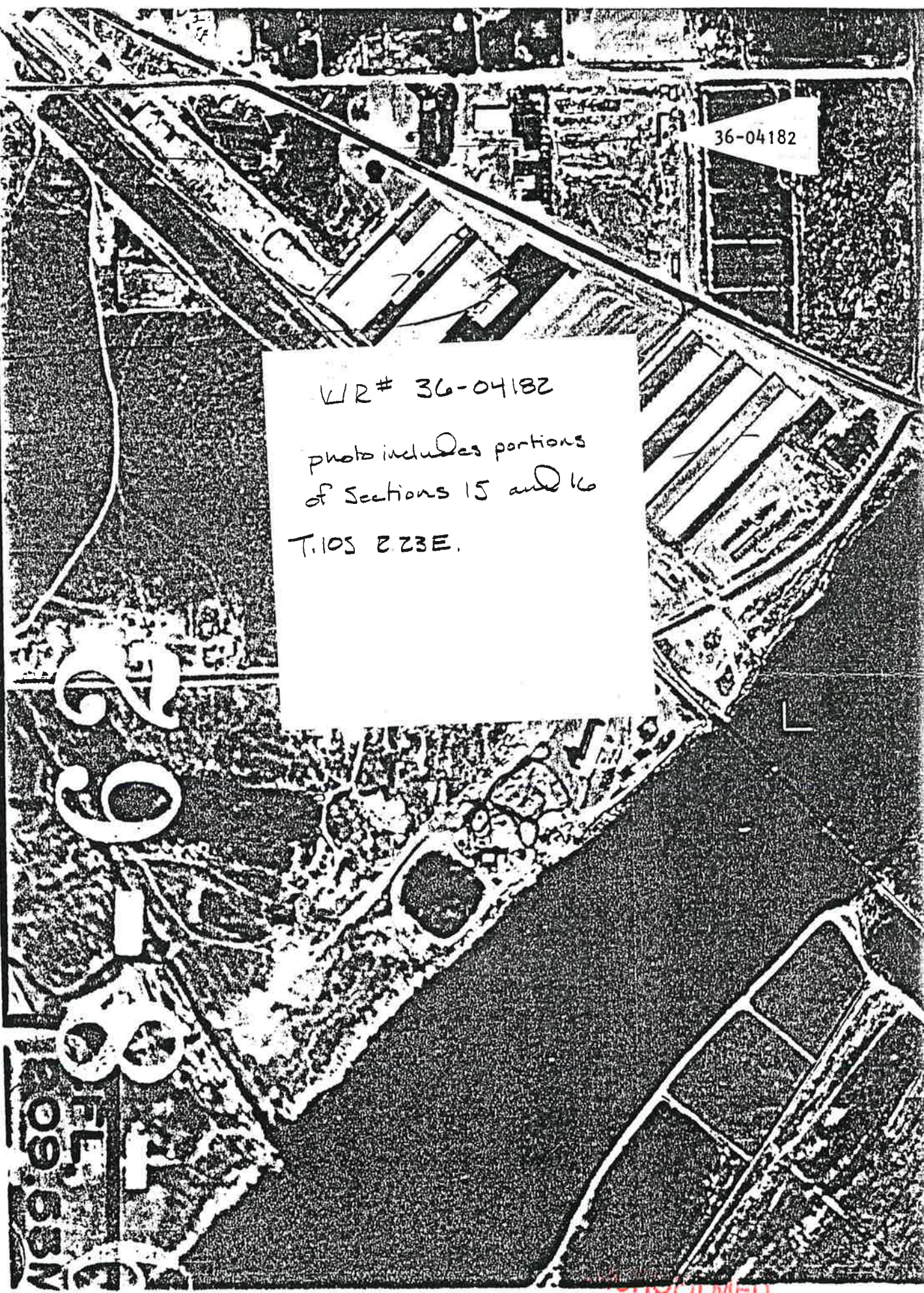
corp 4182
5209
04182

Maid
W 11
36-04179
Wheel Pt
36-04181

auto 5
Sat 100
36-04180

36-04182

WR# 36-04182
photo includes portions
of Sections 15 and 16
T.10S R.23E.



NOT FILMED
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Wood Shop Well
2/21/92 AD



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MEMO

09-Mar-1992 08:55

From: Allen Merritt

To: Files A36-02542
A36-02648
A36-02729
A36-08154
A36-04179
A36-04180
A36-04181
A36-04182

J.R.Simplot Company has filed the above referenced claims to record the water use at the Simplot-Heyburn potatoe processing plant. The plant is located within the SW1/4 of Sec.15 T10S, R23E, BM in Minidoka County with the waste disposal plant located across the Snake River in the S1/2 of Sec.16 and the N1/2NE1/4 Sec.21 T10S, R23E, BM in Cassia County.

In the fall of 1991 Mike Harshburger, summer aid, conducted a field review of the claims but the exams were not finalized with detail sufficient to determine the diversion volume and consumptive use of the facility. During my re-evaluation I have contacted Vic Conrad of the Simplot office in Boise by phone on numerous occasions and on Feb. 21, 1992 I visited the plant and was escorted to all the well sites by Gerald Jordan. Additionally on Feb. 27 I contacted Mike Gann, environmental engineer for the plant, by phone to discuss the waste treatment facility and on 3/6/92 Vic Conrad visited my office.

My field review found that the bulk of the potatoe processing plant is supplied water from three production wells which are valved together but normally operated separately. The ethanol plant is supplied from a separate production well and there are other sandpoint wells for small domestic uses and watering of landscape. The water used within the plant is used for many purposes which can generally be classified as:

Domestic	(To supply the needs of the workers which would include drinking, toilet, washing, etc.)
Flume	(Water is used as a medium to transport potatoes and potatoe products thru the process)
Cooling	(Water is used to cool various mechanical devices as well as for humidification)
Washing	(Cleaning equipment, potatoes, ect.)
Fire Prot	(Protection for Plant)

Waste water from the processes at the potatoe processing plant and the ethanol plant is pumped across the river for treatment and disposal. A small portion being the domestic waste is processed thru the City of Heyburn waste treatment facility. Regarding the three main production

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wells these are generally used year-round, 24 hrs a day. They are valved &/or switched such that the discharge varies greatly throughout the day. To determine the appropriate amounts for the diversion volume and consumptive use volume I decided to first determine the volume of water pumped based on conversations and observations made then subtract out the measured waste. The large unknown in the water budget for the complex is the water evaporated into the air at the plant thru the venting of steam. This consumptive use of the water was estimated to be large by both Mr. Gann and Mr. Conrad but they could not quantify this value. Mike Gann indicated that the waste treatment facility treats around 3.0 million gallons/day (mgd). Of this 2.3 to 2.7 is termed "white water" and the remainder being termed "silt water". These waters are run thru a combination of digesters and settling ponds with effluent being discharged back to the Snake River under a discharge permit with a daily average of 2.5 to 2.7 mgd. A by product of this process is a biogas which is recovered and burned. Using napp photos and the description provided by Mr. Gann it appears that there are 35 acres of pond surface to evaporate water at the waist disposal site. The numbers provided by Mr. Gann and Mr. Conrad are their best estimates and are reduced below in a simplified water budget for the processes:

WATER INPUT TO SYSTEM

Main Well
 $4.27 \times 1.98 \times 365 = 3085.1 \text{ AFA}$

Dry Storage Well
 $30\% \times 2.23 \times 1.98 \times 365 = 477.0 \text{ AFA}$

Ethanol Well
 $0.70 \times 1.98 \times 240 = 332.6 \text{ AFA}$

River Well = 66.7 AFA

Estimated loss to evap @ plant

3961.4
 -3247.9
 - 3.7
 -61.6

 648.2 AFA

WATER OUTPUT FROM SYSTEM

Waste Treatment
 $2.9 \text{ mgd} = 3247.9 \text{ AFA}$
Back to River
 $2.6 \text{ mgd} = 2911.9 \text{ AFA}$
Evap in Pond
 $4 \times 35 = 140.0 \text{ AFA}$
Unaccounted
 $3247.9 - 2911.9 - 140 = 196.0 \text{ AFA}$
 (Biogas + seepage +?)

Ethanol Production
 5000×240
 ----- = 3.7 AFA
 325900

Domestic Waste
 $1100 \times 50 \times 365$
 ----- = 61.6 AFA
 325900

TOTAL DIVERSION VOLUME 3961.4 AFA
TOTAL CONSUMPTIVE USE 648.2 + 140.0 + 3.7 + (196 x 50%) 889.9 AFA

It is realized that some water enters the process in the potatoes and some water is lost in the biogas but it is assumed that these balance

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out or is a portion of the 196.0 AFA unaccounted at the waste treatment plant.

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In recommending the rights since the three main production wells are tied together all three points of diversion should be listed and the rights associated with these three wells should be:

Main Well	36-04179	4.27 cfs
Dry Storage	36-02648 part	1.96 cfs (2.66-0.70)
	36-02729	0.56 cfs

		2.23 cfs *well cap.
River Well	36-08154	1.20 cfs

*** Combined diversion rate = 7.70 cfs

**** Combined diversion volume = 3628.8 AFA

***** Also note that 36-04080 also supplied from this system for irrig. of 1/2 acre

***** Combined consumptive use est. = 889.9 (7.70/8.4)= 815.7 AFA

.....

Ethanol Pump 36-02648 part 0.70 cfs

** Diversion volume = $0.7 \times 1.98 \times 240 = 332.6$ AFA

*** Consumptive use est. = 889.9 (0.7/8.4)= 74.2 AFA

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A36-02542 This claim was for the fertilizer plant and after review with Mr. Conrad they are going to relinquish the claim since Simplot has never owned the property and they do not own it now. If belongs to Cenex but Simplot my purchase it in the future. During my field review we reviewed the property and the well and pump was not located and the fertilizer plant was not used and it was reported that the plant has not been used for many years.

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36-04180 This right was initially developed with an old sandpoint well located in the auto body shop. The right was for irrigation of a small strip of grass on the southern end of the property. During the field review the strip of ground continues to be irrigated but the pump on the sandpoint has been removed. Further discussions with Mr. Jordan indicated that the grass is watered from the pipeline network which connects the River Well, Dry Storage Well & the Main Well. This use will be recommended out of this system.

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36-04181 This right is for the lawn and shrub irrigation around the main parking lot located near the main building. The well and pump are located inside the main building inside the wheel pit peal room. The pump is a 1 hp and is only used for irrigation of the lawn of approx. 1/2 acre.

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36-04182 This right is for the small domestic type use for the workers
in the carpenter shop. The well is a sandpoint with 1/3 hp pump
supplying the shop.

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CANAL

16

CLAIM _____ INIT AD
T. R. S. Q/Q
P/D _____
PHOTO BB 78 SE
DT. & ID. _____

Well location
Simplot Plant
Heyburn

4715

4714

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32' 30"