

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: A36-08154
Date Received: 10-12-89
Receipt No: C012178
Received By: hlt

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

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

83707

RECEIVED
OCT 12 1989

2. Date of Priority: FEB 24, 1983

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, STORAGE TANK

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
INDUSTRIAL	01/01	12/31	4.500		

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

A.F.A.

8. Total consumptive use is

Acre Feet Per Annum.

9. Non-irrigation uses:
POTATO PROCESSING PLANT

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

A36-08154

Page 1

Date: 10/11/89

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FEB 05 1993

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

13. Other Water Rights Used:
NONE

14. Remarks:
CONSUMPTIVE USE OF WATER UNDER THIS PERMIT SHALL NOT EXCEED 2.0
AF/DAY.

15. Basis of Claim: PERMIT

16. Signature(s)

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

Number of attachments: One map

For Organizations:

I do solemnly swear or affirm that I am Secretary of
Title

J. R. SIMPLOT COMPANY, that I have signed the foregoing
Organization
document in the space below as Secretary of
Title

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

Kellie East
Notary Public

Seal

Residing at Boise, Idaho

My Commission Expires 10-13-92

SCANNED

FEB 07 2007

MICROFILMED
FEB 05 1993

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

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APR 10 1993
RECEIVED IN THE ATTORNEY
GENERAL'S OFFICE

MICROFILMED

OCT 20 1994

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
- 26*

MICROFILMED

OCT 20 1994

Defendants.)

IN THE MATTER OF THE GENERAL)
DETERMINATION OF RIGHTS TO THE)
USE OF GROUNDWATER DIVERTED)
FROM SECTIONS 19, 20, 21, 28, 29,)
30, 31, 32, AND 33, T. 11 S.,)
R. 27 E., B.M.)

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

Counterplaintiff,)

vs.)

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

Counterdefendants.)

TO ALL PARTIES:

GRAY YOUNG, Assistant General Counsel, J. R. Simplot
Company, hereby enters his appearance as co-counsel on behalf
of J. R. Simplot Company in this action. All notices to
J. R. Simplot Company should be delivered to the following
address:

Gray Young
Bruce Belzer
J. R. Simplot Company
Legal Department
999 Main Street, Suite 1300
P.O. Box 27
Boise, ID 83707

DATED this 20th day of January, 1992.

By 
GRAY YOUNG
Assistant General Counsel

4607v/1-20-92/1:42

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

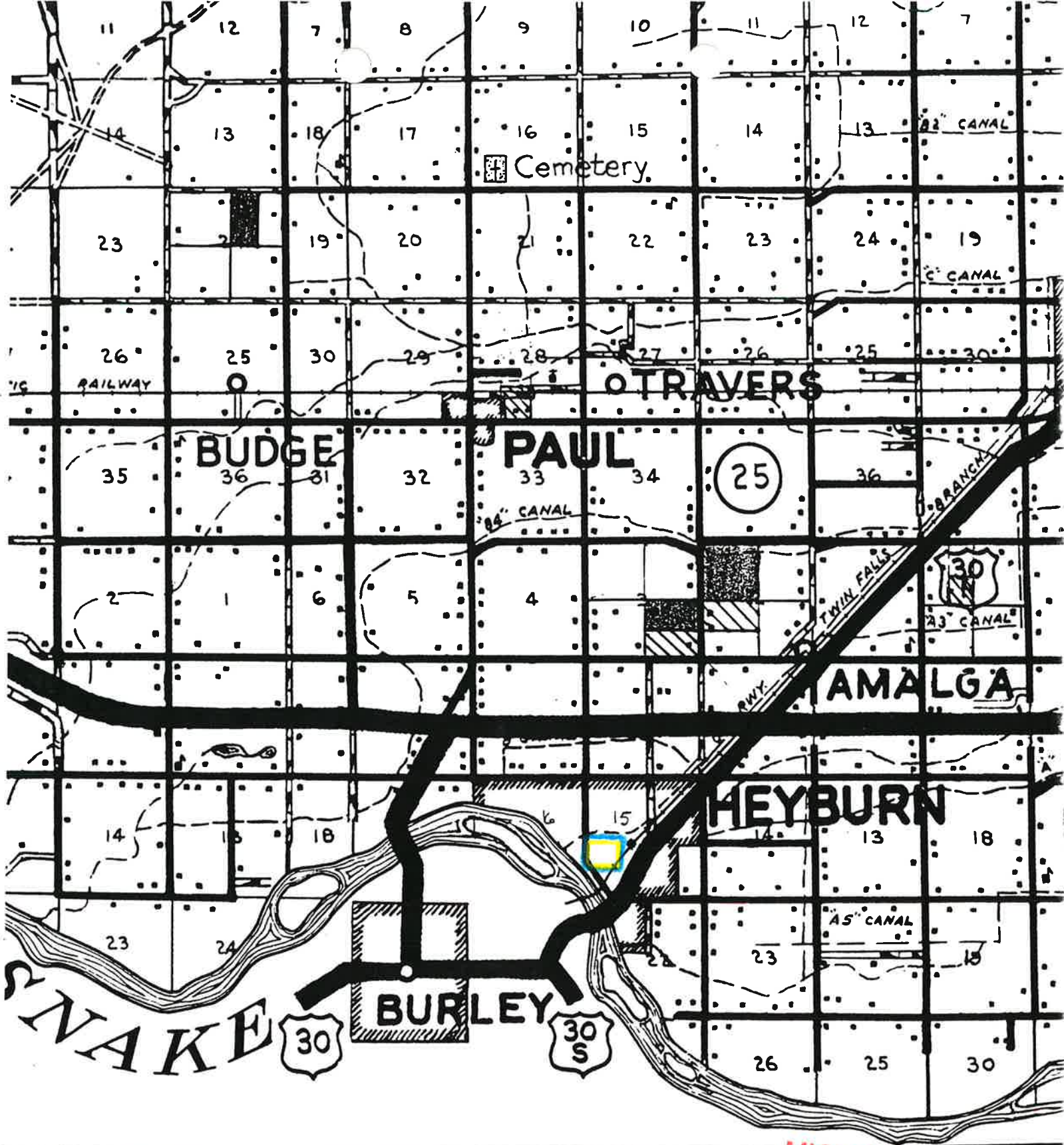
Mark J. Taylor
Strong & Hanni
5th Floor, Boston Building
Salt Lake City, UT 84111
Attorney for Fosha, et al.

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

MICROFILMED
OCT 20 1994



E. R. 23 E. MICROFILMED FEB 05 1981

T. 10S R. 23E

14R # A36-08154
= 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

MICROFILMED
FEB 05 1993

J. P. 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
A36-13317 - \$85
A36-02212 - \$50
A36-04006 - \$730

Application - 45

4,957.00

CO12178

Come //

Bar - U - Inc.

A36-13261 - \$25

A36-13258 - 25
\$50

CO12179

MICROFILMED
FEB 05 1993

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

Nº 47890

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING.

J. R. SIMPLOT COMPANY - Boise, Idaho 83707

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) ~~(sent to)~~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 ^{with fees}.

Glen

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FEB 05 1993

Water Right Number - 36-08154

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 - - - +
02/24/1983 17 SOUTHERN L - LICENSE

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

+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Diversion Name
10S 23E 15 SE NW SW (67) MINIDOKA
SW SW SW 1 (67) MINIDOKA

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
07 - INDUSTRIAL 01/01 12/31 1.200

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
1.200 0.0

+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County
10S 23E 15 NE SW 07 INDUSTRIAL (67) MINIDOKA
10S 23E 15 NW SW 07 INDUSTRIAL (67) MINIDOKA
10S 23E 15 SW SW 1 07 INDUSTRIAL (67) MINIDOKA

+ - - Diversion Means - 3" WELLS & PUMPS TO PIPELINE NETWORK

+ - - Non-Irrigation Use - INDUSTRIAL/ POTATO PROCESSING PLANT

+ - - Other Rights for Same Use - SEE REMARKS

✓ EHP Rmk

updated 9-97
12-9 KKC

Water right number - 36-08154

Prefix Translation: WATER RIGHT

+ - - - - Remarks - - - - - +

POP

app

QNT

GEN TWO POINTS OF DIVERSION LOCATED IN SENWSW, S15, T10S, R23E.
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION
DESCRIBED ABOVE: 36-04179, 36-02648A, 36-04180 & 36-02729.
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A TOTAL
COMBINED DIVERSION RATE OF 7.70 CFS, A TOTAL COMBINED ANNUAL
DIVERSION VOLUME OF 3630.8 AF, A ~~TOTAL COMBINED ANNUAL~~
~~CONSUMPTIVE USE VOLUME OF 817.2 AF.~~ COMBINED RIGHT NOS.:
36-04179, 36-02648A, 36-04180 AND 36-02729.

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

3608154

+ - - - - 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.

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

+ - - Audit Fields - 08/16/91 SOUTH1 09/19/91 WORSTELL 09/20/91 WORSTELL 02/27/92 MERRITT 03/10/92 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 - 258606 08/24/92

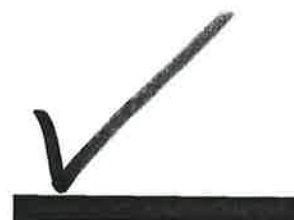
+ - - - - Comments - - - - - +

Date: 08/16/1991 User Id: SOUTH1 Subject: COPIED FROM REMARKS
CONSUMPTIVE USE OF WATER UNDER THIS PERMIT SHALL NOT EXCEED 2.0 AF/DAY.

+ - - - - 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	- 03/10/1992	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	- C
		Name Connector	- AND/OR	Notice of Error Flag	-

R PROOF



CVR



MAPS



PHOTOS



MISC



MICROFILMED

FEB 05 1993

Water Right Number - R36-08154

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
Phone - 208-000-0000

State- ID Zip- 83707

*** K - ALSO KNOWN AS ***
SIMPLOT

1 -
2 -
3 -
City- BOISE
Phone - 208-000-0000

State- ID Zip- 83707

+ - - Priority Date - - +
02/24/1983

+ - - Region - - - +
17 SOUTHERN

+ - - Stage - - - +
L - LICENSE

+ - - Status - - - - +

+ - - Source - - - - - +
GROUNDWATER

+ - - Tributary - - - - - +

Point of Diversion					
Twn	Rng	Sec	Tract	Lot	RFlg County
10S	23E	15	SE NW SW SW SW SW	1	(67) MINIDOKA (67) MINIDOKA

Code	Description	Period From	Period To	Water Use	Diversion Rate	Diversion Volume
07 - INDUSTRIAL		01/01	12/31		1.200	

Total Div. Rate - +	Total Div. Volume - +	Total Consumptive Use - +	KW Usage - +
1.200		0.0	

Place of Use							
Twn	Rng	Sec	Tract	Lot	Acres	Code	Description
10S	23E	15	NE SW			07	INDUSTRIAL
10S	23E	15	NW SW			07	INDUSTRIAL
10S	23E	15	SW SW	1		07	INDUSTRIAL

Total Acres:

+ - - Diversion Means - 3" WELLS & PUMPS TO PIPELINE NETWORK

+ - - Non-Irrigation Use - INDUSTRIAL/ POTATO PROCESSING PLANT

+ - - Other Rights for Same Use - SEE REMARKS

MICROFILMED
FEB 05 1993

Water right number - R36-08154

Prefix Translation: RESEARCH

+ - - - - Remarks - - - - - +

TWO POINTS OF DIVERSION LOCATED IN SENWSW, S15, T10S, R23E.
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF DIVERSION
DESCRIBED ABOVE: 36-04179, 36-02648A, 36-04180 & 36-02729.
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A TOTAL
COMBINED DIVERSION RATE OF 7.70 CFS, A TOTAL COMBINED ANNUAL
DIVERSION VOLUME OF 3630.8 AF, A TOTAL COMBINED ANNUAL
CONSUMPTIVE USE VOLUME OF 817.2 AF. COMBINED RIGHT NOS.:
36-04179, 36-02648A, 36-04180 AND 36-02729.

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

3608154

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

C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION PURSUANT
- TO IDAHO CODE 42-1416A.
C05 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN PLACE OF USE PURSUANT TO
- IDAHO CODE 42-1416A.

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

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

Date: 08/16/1991 User Id: SOUTH1 Subject: COPIED FROM REMARKS
CONSUMPTIVE USE OF WATER UNDER THIS PERMIT SHALL NOT EXCEED 2.0 AF/DAY.

+ - - Audit Fields - - +

03/10/92 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	- 03/10/1992	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	- C
				Notice of Error Flag	-

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FEB 0 5 1993

CLAIM NO. A36 - 08154

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 *As licensed*
New P/D: Twp. 10S, Rge. 23E, Sec. 15, SW 1/4 SW 1/4 SW 1/4 *4.1*

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 40 Static water level 130 Well depth Drilled 300'
Casing size 8" Pumping water level bowel @ 190' Gravity flow silted 242'

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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$$Q = \frac{(8.8) \quad (.....40) \quad (0.70)}{[(.....150) + (.....60 \text{ * varies } 20) \times 2.31]}$$

@ 20 psi 1.26 cfs
@ 60 psi 0.85 cfs
2 Licensed @ 1.2 cfs

LIFT FROM:

measurement ()

owner ()

area estimate ()

well logs ()

Booster (Y) (N)

PSI FROM:

measurement ()

owner (X)

estimate ()

owner gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

40 H.P. U.S. Electric

Pump Make, Serial or ID, rating

Layne Boulder Pump 4423

REMARKS

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

Recommend @ licensed 1.20 cfs.

66.7 Afz.

Consumptive Use - Water thru out the plant is collected and pumped across the river to the waste disposal plant. There water is evaporated & for applied to ground for land disposal.

~~Assume 100% of water diverted is consumed~~

See attached memo for description of total relationship of other water rights and the total plant description.

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

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FEB 05 1993

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

Use Industrial From 1/1 To 12/31 Amount 1.20 cfs 66.7 af 66.7 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 SW SW 41
NW SW _____

13. ☐ No change - **OTHER RIGHTS FOR SAME USE:**
☐ CHANGE: None

14. ☐ **REMARKS AND CONDITIONS**
 (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)

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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: Allen Merritt

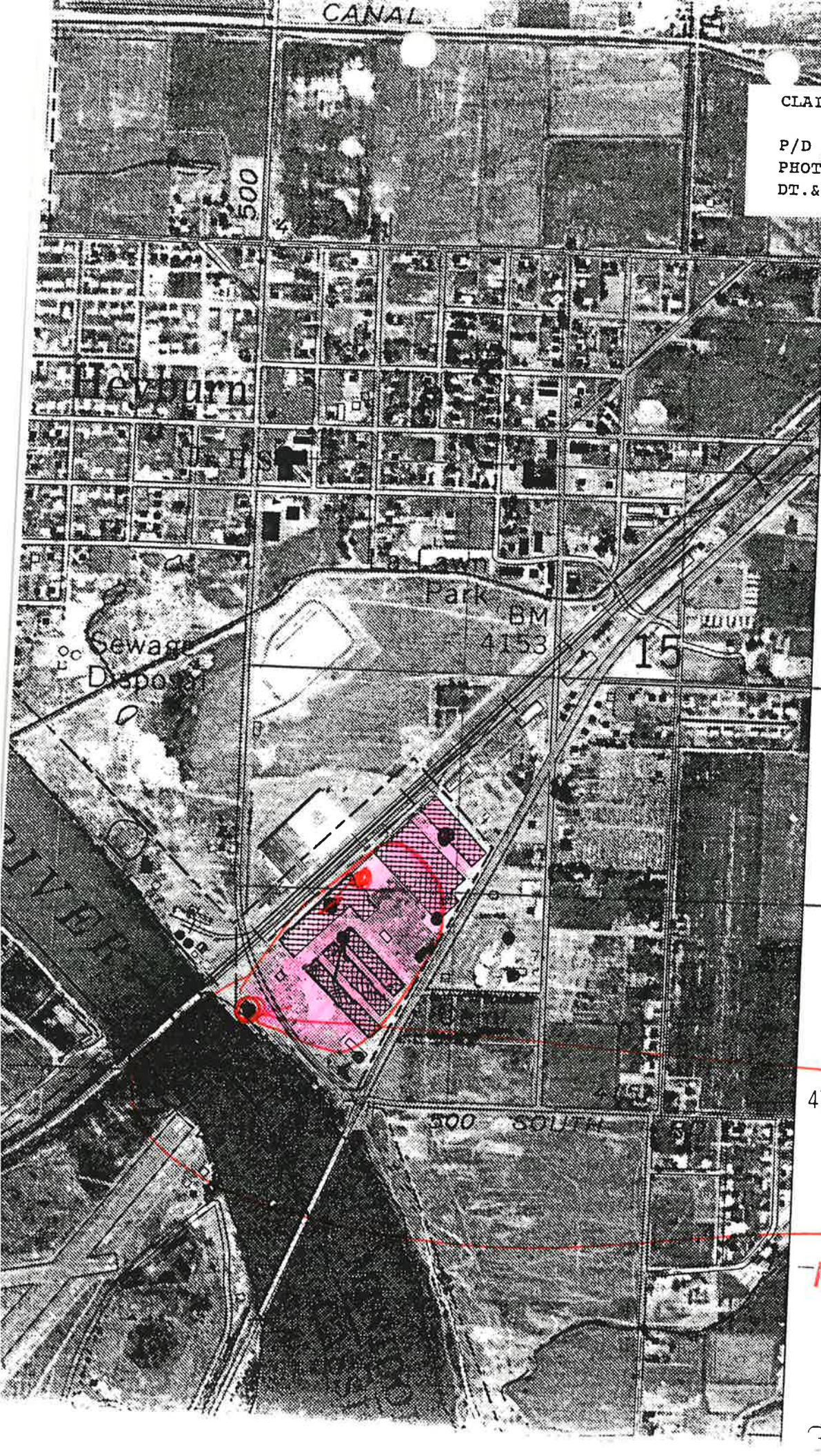
SIGNATURE: [Signature]

REVIEWED BY/DATE: _____

DATA ENTRY BY/DATE: _____

VERIFICATION BY/DATE: AP-

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16

CLAIM A36-08154 INIT AD
T. R. S. Q/Q
P/D _____
PHOTO BB 78 SE
DT. & ID. _____

River Well

4715

4714

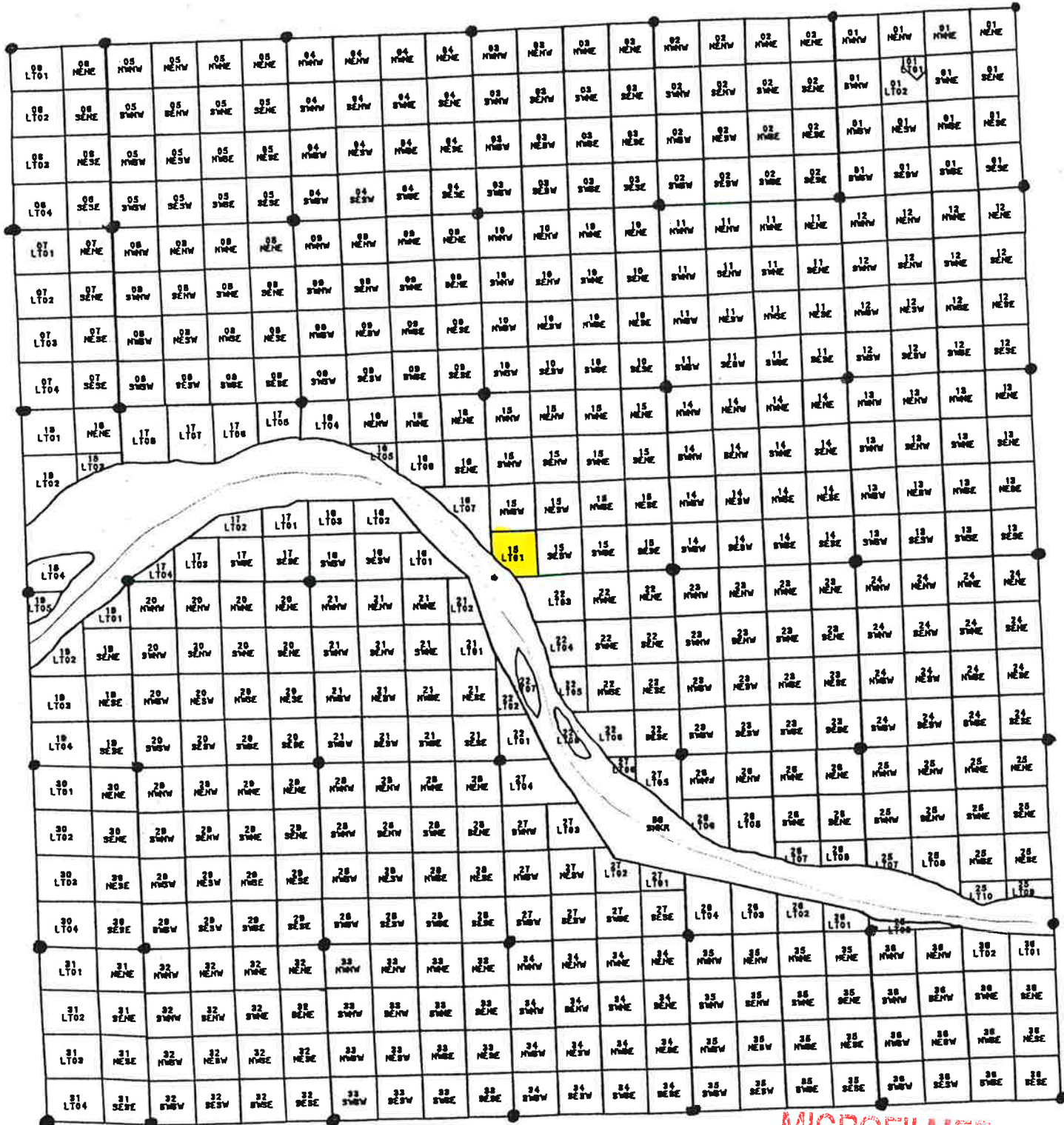
Well

P/U

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32' 30"

10S23E



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FEB 05 1993

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	WATER OUTPUT FROM SYSTEM
Main Well $4.27 \times 1.98 \times 365 = 3085.1 \text{ AFA}$	Waste Treatment $2.9 \text{ mgd} = 3247.9 \text{ AFA}$
Dry Storage Well $30\% \times 2.23 \times 1.98 \times 365 = 477.0 \text{ AFA}$	Back to River $2.6 \text{ mgd} = 2911.9 \text{ AFA}$
Ethanol Well $0.70 \times 1.98 \times 240 = 332.6 \text{ AFA}$	Evap in Pond $4 \times 35 = 140.0 \text{ AFA}$
River Well = 66.7 AFA	Unaccounted $3247.9 - 2911.9 - 140 = 196.0 \text{ AFA}$ (Biogas + seepage +?)
Estimated loss to evap @ plant	Ethanol Production 5000×240
3961.4 -3247.9 $- 3.7$ -61.6 	----- = 3.7 AFA 325900
648.2 AFA	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.

.....
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
.....

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.
.....

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.
.....

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

4716

CLAIM _____ INIT Adm
T. R. S. Q/Q
P/D _____
PHOTO BB78 SE
DT.&ID. _____

Well location
Simplot Plant
Heyburn

4715

4714

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32' 30"

$$\text{CAFETERIA: } 1200 \frac{\text{Pers}}{\text{day}} \times 300 \frac{\text{days}}{\text{Ann}} + 250 \frac{\text{Pers}}{\text{day}} \times 60 \frac{\text{days}}{\text{Ann}} =$$

$$375,000 \frac{\text{Person}}{\text{days}} \times 10 \frac{\text{gals}}{\text{Person}} \div 325,251 \frac{\text{gals}}{\text{AF}} = \boxed{11.51 \text{ AFA}}$$

Flow into garbage disposal $\frac{.135 \text{ cfs}}{34 \text{ sec}} = 0.004 \text{ cfs} \times 365 \frac{\text{days}}{\text{ann}} \times 24 \frac{\text{hrs}}{\text{day}} \times \frac{3600 \text{ sec}}{\text{hr}} \div 43,560 \frac{\text{cf}}{\text{AF}} = 2.87 \text{ AF}$

Prewash hose $\frac{.135 \text{ cfs}}{12 \text{ sec}} = 0.0113 \text{ cfs} \times (4 \frac{\text{hrs}}{\text{day}} \times 280 \frac{\text{days}}{\text{ann}} + 2 \frac{\text{hrs}}{\text{day}} \times 75 \frac{\text{days}}{\text{ann}}) \times 24 \frac{\text{hrs}}{\text{day}} \times \frac{3600 \text{ sec}}{\text{hr}} \div 43,560 \frac{\text{cf}}{\text{AF}} = 3.36 \text{ AF/ann.}$

Hobart AM-14 Dishwasher $\frac{1.2 \text{ gal}}{9 \text{ sec}}$ (from dealer) = 0.0178 cfs Approx 300 racks/day X 20 $\frac{\text{day}}{\text{ann}}$ X $\frac{1.2 \text{ gal}}{\text{rack}}$ + Approx 150 racks/day X 75 days X $\frac{1.2 \text{ gal}}{\text{rack}} \div 325,851 \frac{\text{gal}}{\text{AF}}$ $0.35 \frac{\text{AF}}{\text{ann}}$

Kitchen Sinks $\frac{.576 \text{ cfs}}{19 \text{ sec}} = 0.03 \text{ cfs}$ + $\frac{.576 \text{ cfs}}{33 \text{ sec}} = 0.017 \text{ cfs}$ X 3 $\frac{\text{hr}}{\text{day}}$ X $\frac{3600 \text{ sec}}{\text{hr}}$ X 355

days/ann $\div 43,560 \frac{\text{cf}}{\text{AF}} = 1.54 \text{ AF/ann}$

$$10 \text{ faucets @ } 4 \text{ gpm}^{**} + 13 \text{ toilets @ } 5 \text{ gpm}^{**} + 6 \text{ urinals @ } 2 \text{ gpm} = 117 \text{ gpm} \times \frac{1}{2} = 448.8 \text{ gpm} / \text{CFs} = 0.1345$$

Delta Stack area: Cleanup hose on ground floor $\frac{.576 \text{ cfs}}{16.4 \text{ sec}} = 0.035 \text{ cfs}$
 $\frac{3}{4}$ " cleanup hose on top level $\frac{.576 \text{ cfs}}{9 \text{ sec}} = 0.064 \text{ cfs}$
 $\frac{1}{4}$ " " " " " with $U_c = 4 \text{ psi} = 24 \text{ fps}$ $V = V_c \frac{1}{1 + 4.67 \sqrt{f/8}} = 19.5 \text{ FPS}$ ***

$$F = .0255 \quad E = .0002 \frac{E}{d} = .0019 \quad A = .00952' \quad Q = AY = 0.166 \text{ cfs}$$

$$\text{Total cleanup in Delta Stack area} = 0.26 \text{ cfs} \times 1 \frac{\text{hr}}{\text{day}} \times 355 \frac{\text{day}}{\text{month}} \times 3600 \frac{\text{sec}}{\text{hr}} \div 43,560 \frac{\text{cf}}{\text{AF}} = 7.77 \frac{\text{AF}}{\text{Area}}$$

Truck filling station @ Pump house: Water used for dust control in Gallons
 $1250 \text{ gal} \div 60 \text{ min} = 62.5 \text{ gpm} = 0.139 \text{ cfs}$ $8 \text{ loads/day} \times 35 \text{ days}$
 $\times 1250 \text{ gal/load} \div 325,851 \text{ gal/AF} = 1.07 \text{ AF/ANN}$

Total of individual flow measurements = 1.3 cfs
 Theoretical Capacity, with PWL @ 90' Discharge @ 50psi Eff. 70% = $\frac{8.8 \times 40 \text{ hp}}{90 \times 2.31 \times 50 \text{ psi}} \times 70 = 1.20 \text{ cfs}$
 ∴ Allow 1.2 cfs

Annual Volume total = 66.7 APP

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Idaho Water Users Handbook Table #3

Hydraulic Handbook Col- Table # 29

Theory and Problems of Fluid Mechanics by Ronald V. Giles P. 98

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ATTACHMENT A to Field Report on Permit # 36-8154

DATA and Computations Showing amount of water used in various areas

MAIN OFFICE: 9 workers X 5 shifts/wk + 2 workers X 2 shifts/wk + 2 workers X 14 shifts/week
 = 77 workers/shifts/wk X 15 gal/worker/shift X 52 wks/ann ÷ 325,851 gal/AF = **0.18 AFA**

2 toilets @ 5 gpm/ea + 2 faucets @ 4 gpm/ea = 18 gpm ÷ 448.8 gpm/cfs = **0.04 cfs**
includes lab workers

RAW RECEIVING: 100 workers/day X 60 days/ann + 50 workers/day X 240 days/ann + 15 workers/day X 60 days/ann
 X 20 gal/worker/shift ÷ 325,851 gal/AF = **1.16 AFA**

2 cleanup hoses .576 cfs ÷ 14 sec = 0.041 cfs X 4.5 hrs/day X 3600 sec/hr
 = **0.03 cfs**

X 280 days/ann ÷ 43,560 cu ft/AF = **3.23 AFA**
Includes Lab workers & Engineers

3 toilets @ 5 gpm ea + 3 faucets @ 4 gpm ea = 27 gpm ÷ 448.8 gpm/cfs = **0.06 cfs**

RAW RECEIVING LAB: 9-23 gal/min X 3 times/day X 280 days/ann ÷ 325,851 gal/AF = **0.53 AFA**

Clean Juices: .576 cfs ÷ 32.4 sec = 0.0178 cfs X 20 min/hr X 60 days/ann X 240 days/ann X 15 hrs/day X 60 sec/min ÷ 43,560 cu ft/AF = **2.38 AFA**

Clean Pans " " X 3 times/day X 15 min/hr X 300 days/ann X 60 sec/min ÷ 43,560 cu ft/AF = **0.33 AFA**

2 cleanup hoses: .576 cfs ÷ 20 sec = 0.0288 cfs X 45 min/hr X 60 sec/min X 300 days/ann X 4 1/2 hrs/day X 3600 sec/hr ÷ 43,560 cu ft/AF = **1.18 AFA**

5 Water Lube bearings X .5 gal/min X 24 hrs/day X 60 min/hr X 300 days/ann ÷ 325,851 gal/AF = **0.6 AFA**

Auto Shop: 20 workers/shift X 3 shifts/day X 20 gal/worker/shift X 55 days/ann ÷ 325,851 gal/AF = **1.3 AFA**

2 Cleanup hoses X .03 cfs/hr X 3 hrs/wk X 52 wks/yr X 3600 sec/hr ÷ 43,560 cu ft/AF = **.77 AFA**

3 toilets @ 5 gpm/ea + 3 faucets @ 4 gpm ea + 2 urinals @ 1 gpm/ea ÷ 448.8 gpm/cfs = **0.06 cfs**

Fabrication Shop: 7 workers/shift X 2 shifts/day X 20 gal/worker/shift X 365 days/ann ÷ 325,851 gal/AF = **0.31 AFA**

2 faucets @ 4 gpm ea = **0.02 cfs**

State Inspection Area: 2 brush washers X 1 gal/sec = 0.0668 cfs X 8 hrs/shift X 170 shifts/yr ÷ 43,560 cu ft/AF = **7.5 AFA**

2 barrel washers with 16 spray nozzles ea @ 19 gal/22 sec = 0.1337 cfs X 8 hrs/shift X 170 shifts/ann X 3600 sec/hr ÷ 43,560 cu ft/AF = **15.03 AFA**

2 Cleanup hoses .576 cfs ÷ 14 sec = 0.041 cfs X 3600 sec/hr X 170 shifts/yr X 2 hrs/shift ÷ 43,560 cu ft/AF = **1.16 AFA**

TANK 25" X 51" X 19" = 18.45 cu ft X 7 days/wk X 1 wk/ann X 22 wks/ann X 4 days/wk ÷ 43,560 cu ft/AF = **0.08 AFA**

Rest Rooms 6 toilets X 5 gpm/ea + 2 urinals X 1 gpm/ea ÷ 448.8 gpm/cfs = **0.06 cfs**

EST 1/2 Demand Pipe cap 56 gpm X 1/2 ÷ 448.8 gpm/cfs = **0.06 cfs**

WATER Wheel Area: Cleanup 2 hoses X .576 cfs ÷ 40 sec = 0.03 cfs X 3 hrs/day X 325 days/ann ÷ 43,560 cu ft/AF = **2.42 AFA**

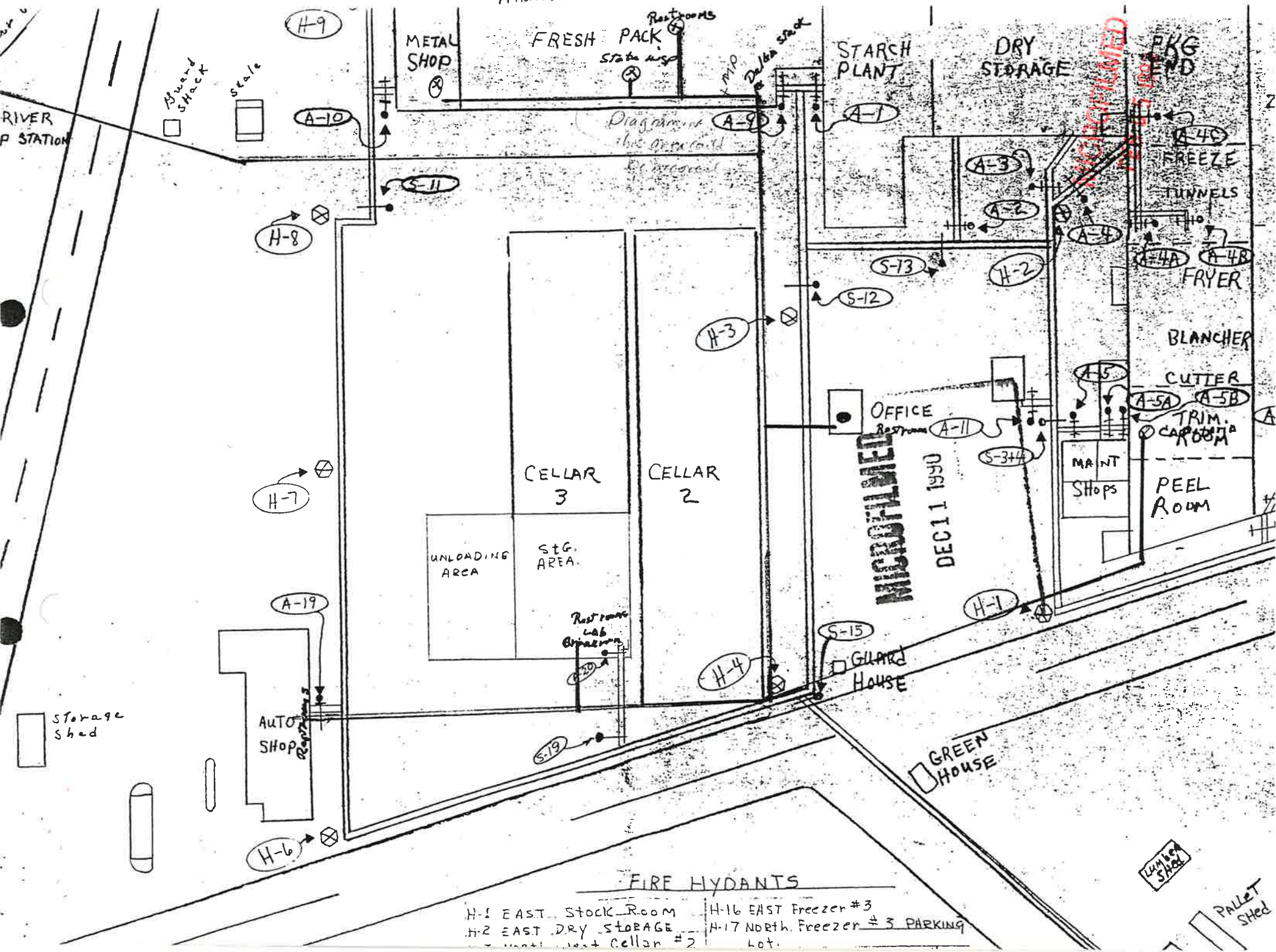
43,560 cu ft/AF = **2.42 AFA**

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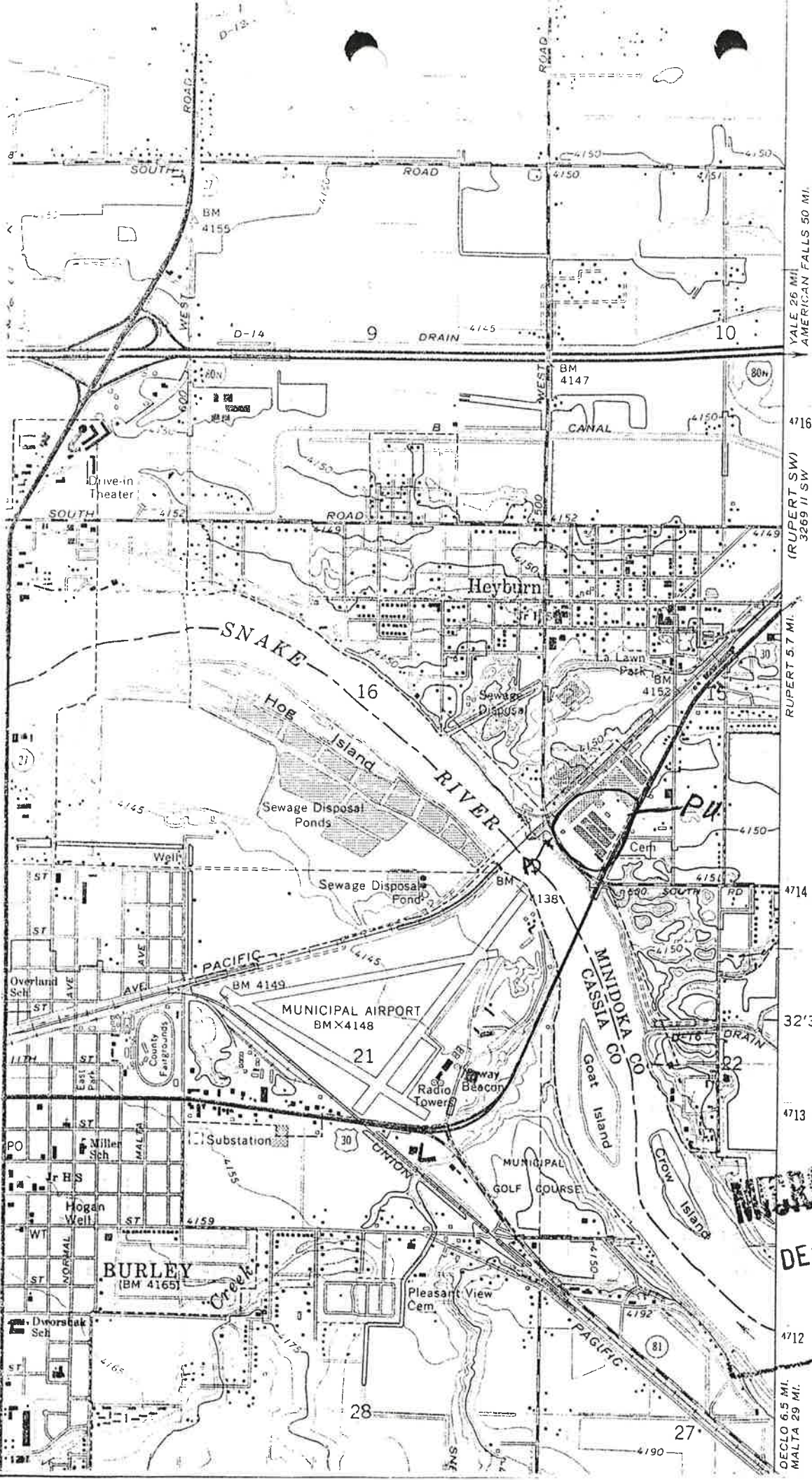
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Continued



FIRE HYDANTS

H-1 EAST STOCK ROOM	H-16 EAST Freezer #3
H-2 EAST DRY STORAGE	H-17 NORTH Freezer #3 PARKING
H-3 EAST Cellar #2	Lot.



YALE 26 MI.
AMERICAN FALLS 50 MI.

4716
(RUPERT SW)
3269 II SW

RUPERT 5.7 MI.

4714

32'30"

4713

4712

DECLO 6.5 MI.
MALTA 29 MI.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

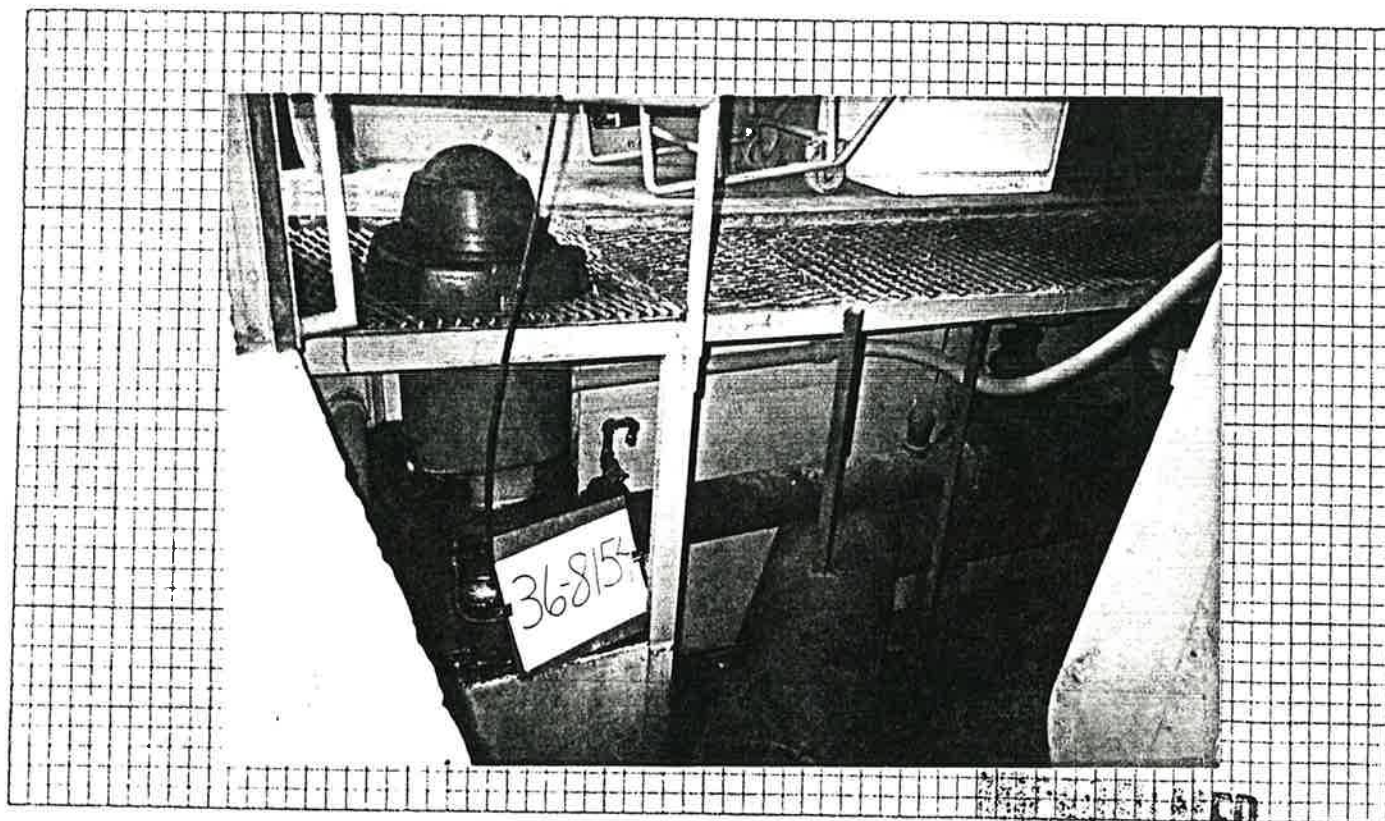
1. Owner: J. R. Simplot Co. Permit No. 36-8154
 Current Address: P.O. Box 27, Raice, ID 83707 Phone No. 336-2110
 2. Accompanied by: Paul Pieper, Supervisor Del Buerkle EXAM. DATE: 1-4-86
 Address: _____ Phone No. 678-3571 Ext 267
 Relationship to Permit Holder: Employees
 3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 36-4179, 36-4180 in same plant
may be diverted to same place of use ☒ Copies Attached
 2. Other water rights with same point of diversion: none
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
 Showing location(s) of point(s) of diversion and
 place(s) of use (required). ☒ Aerial Photo Attached
 (required for irrigation of 10 acres or more)
☒ Photo of Diversion and System Attached
 (required for all but single household domestic groundwater, and stockwater)

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System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)
 This is a 2" x 2 1/2" well with a 40 hp high speed motor with a Layne 2RKL
 Turbine pump set at 120' + 6" P.W. was not 2' in the hole. The pump is set
 6' from the bottom of the hole. SWL @ 77' Assumed P.W. of 90' Discharge
 pressure varies with pressure from an observed high of 120 psi to an assumed low of 50 psi
 Pump discharge is 6" pipe with a gate valve. The pump is set in the hole
 20' or more below the surface in Attachment A. and shown in Attachment E.
 An access port was installed but due to the water in the hole it was not
 and the water is to be removed during operation. This is very difficult
 to get a good measurement. There are other wells in the area. See Remarks on page 4 for continuation.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
River well	High ^{US Electric} Thrust	40	3740029	Layne	44213 6" Discharge

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rgo.	County	Method of Determination/Remarks
	1	SW	SW	SW	15	10S	23E	Minidoka	USGS Quad and Gov't lot map

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rgo.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
10S	23E	15																	

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

80 psi @ Pump discharge This may vary with demand (See Narrative)
A measurement was made with a Cox-Hall meter at the location where in cross
port was installed however due to variable demand and a determination that this
M.P. did not include the entire flow of the well, alternate methods of determining
flow were used (See Attachments A+B)

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Methods: Cox/hall, Bucket/stop watch, Nozzle/pressure, Area/velocity

2. Alternate Method for Checking Purposes:

Pump curve (See Attachment C)

F. PUMP EFFICIENCY DATA (Optional)

Assumed min.

Estimated High

Discharge Pressure: 50 psi x 2.31 = 115.5 ft (1); Dynamic pumping level: 90 ft (2)

Total Head: (1) + (2) = 205.5 (3) ; Flow rate: 1.2 cfs (4)

Water HP: (3) x (4) ÷ 8.8 = 28 (5)

YA Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$ _____

2. Volume Calculations for Other Uses: See Attachment A

Volume (Capacity) = 1.2 cfs x 355 days/ann x 1.9835 = 844.97 AF/ann

6.6 cfs = 66.7 AF/ann

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H. REMARKS AND OVERVIEW REVIEW ANALYSIS

The following rights are on record as being appurtenant to the
 Simplot Plant in Heyburn: 36-2648, 36-4179, 36-4180, 36-4181
 36-4182, 36-8153, 36-8154, 45-2719, 01-4058 and 01-7082. None of
 these rights describe the well and diversion works described by 36-8154.
 The wells described in 36-4179 and 36-2648 could be
 connected to this system in an emergency.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (af/a)
	From	To		
Industrial	1-1	12-31	1.2 cfs	66.7 af/a
Totals:			1.2 cfs	66.7 af/a

2. Recommended Amendments

- ☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None
☐ Change P.U. as reflected above ☒ Add P.U. as reflected above ☐ Other

J. AUTHENTICATION

Field Examiner's Name: TERRY BLAIR
 Signature: [Signature]
 Certification Date: 5/15/87
 Field Report Preparation Date: 2-9-88



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

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