

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: A36-00024
Date Received: 8/19/1988
Receipt No: S001550
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: ORLAND PETERSON 208-837-4453
Address: 2779 S. 850 E.
HAGERMAN, ID 83332

2. Date of Priority: MAR 30, 1884

3. Source: BILLINGSLEY CREEK Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
07S	13E	11	SE	NE			GOODING

5. Description of diverting works:
VIA E. M. BELL DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	2.400		

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

8. Total consumptive use is 102.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
07S	13E	22	SE	SW		IRR	34.0

Section Acres 34.0

Total Acres 34.0

A36-00024

Page 1

Date: 08/19/88

MICROFILMED
JAN 20 1993

11. Place of use in counties: GOODING

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

13. Other Water Rights Used:
A36-00025

14. Remarks:

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date:

NEW INTERNATIONAL MORTGAGE BAN
Decree Plaintiff

vs

IDAHO POWER COMPANY
Decree 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: 2

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): *Deland Peterson* Date: *Aug 14-88*
_____ Date: _____

State of Idaho)

County of *Twin Falls*) SS.

Subscribed and sworn (or affirmed) before me this *19th* day

of *August* 19 *88*

Seal

Rosanne Storey
Notary Public

Residing at *Buhl, Id*

My Commission Expires *6-30-94*

in Second Feet
and Source

Appropriation

022 BIG SPRING 12.9 Spring March 21, 1901 Big Spring; (Durfee-Secor Tunnel)
WATER USERS
ASSOCIATION
023 Incorporation 5 Spring April 1, 1911 Big Spring; (Durfee-Secor Tunnel)

(Said Big Spring is located on the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 18, Twp. 7 S. R. 14 E. B. M.)

024 BLACKHART, 2.4 Billingsley Creek March 30, 1884 E. B. Bell Ditch;
025 Charles R. 2 Billingsley Creek Sept. 10, 1884 Buckeye Ditch;
and Isaac C.
Blackhart SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 22, Twp. 7 S. R. 13 E. B. M.

026 BLACKHART, 2.4 Billingsley Creek March 30, 1884 E. M. Bell Ditch;
027 Habel 2 Billingsley Creek Sept. 10, 1884 Buckeye Ditch;
SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Sec. 22, Twp. 7 S. R. 13 E. B. M.

6-028 Boyer, 2 Riley Creek Oct. 1, 1908 Pipe Ditch referred to in
Emerson, paragraph 7 of the Findings;
and
Ethel Boyer

SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 35, Twp. 7 S. R. 13 E. B. M.

A36-00024 029 Boyer, 2 Spring Feb. 17, 1896 Three Springs;
Lee, and
Alice
Boyer

(Said Three Springs is located immediately east of the east boundary line of the Dan Jones' Ranch about one-eighth mile east of Billingsley Creek and about one mile north of the head of said Billingsley Creek.)

SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Sec. 24, and the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Sec. 25, Twp. 7 S. R. 13 E. B. M.

030 Brailsford 8 Len Lewis Spring Sept. 1, 1889 Brailsford-Owens Ditch;
A.H., and
Beatrice E.
Brailsford

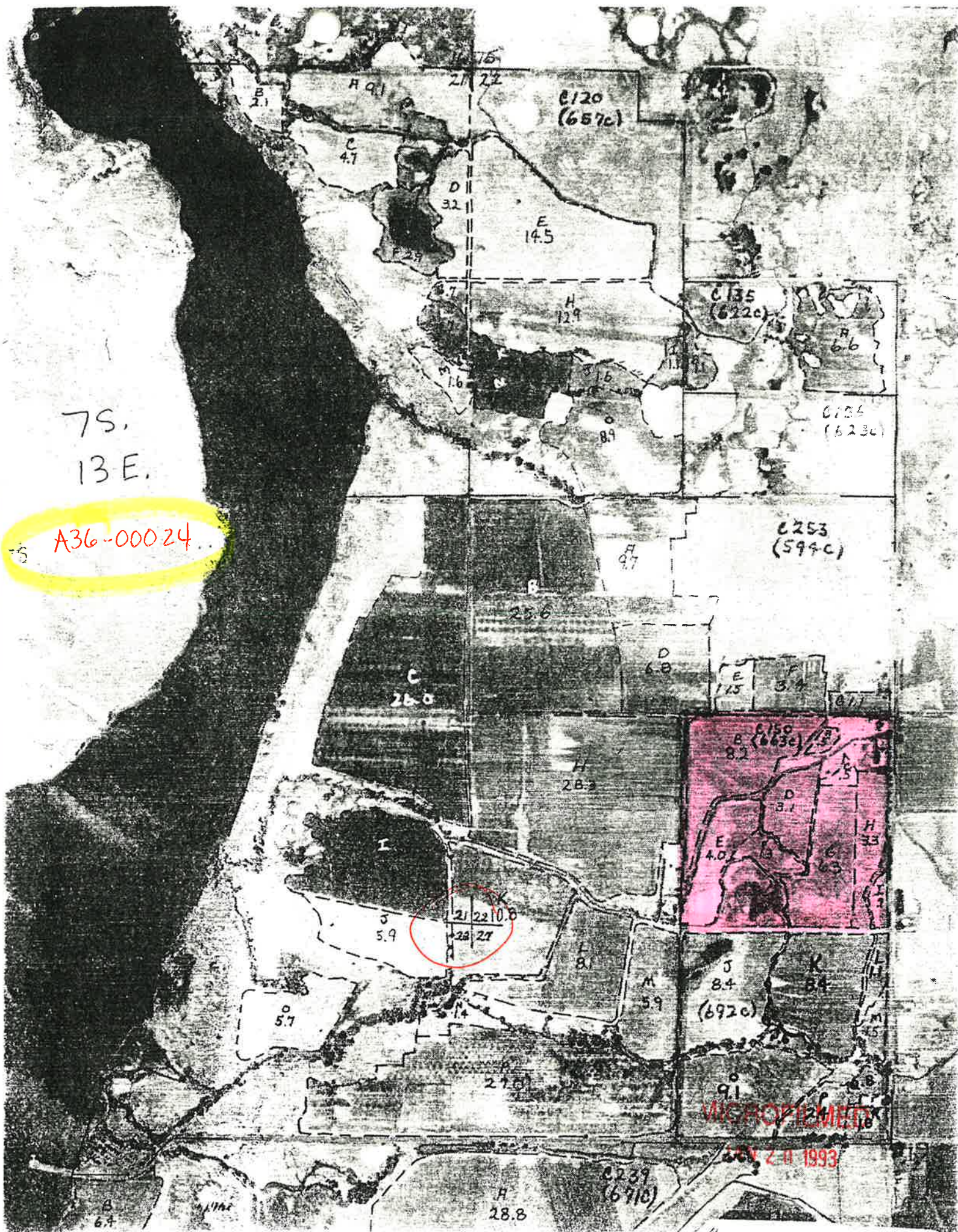
W $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Sec. 25, Twp. 7 S. R. 13 E. B. M.; E $\frac{1}{2}$ of the NE $\frac{1}{4}$ and the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Sec. 26, Twp. 7 S. R. 13 E. B. M.

110-000101

IN 2 0 1992

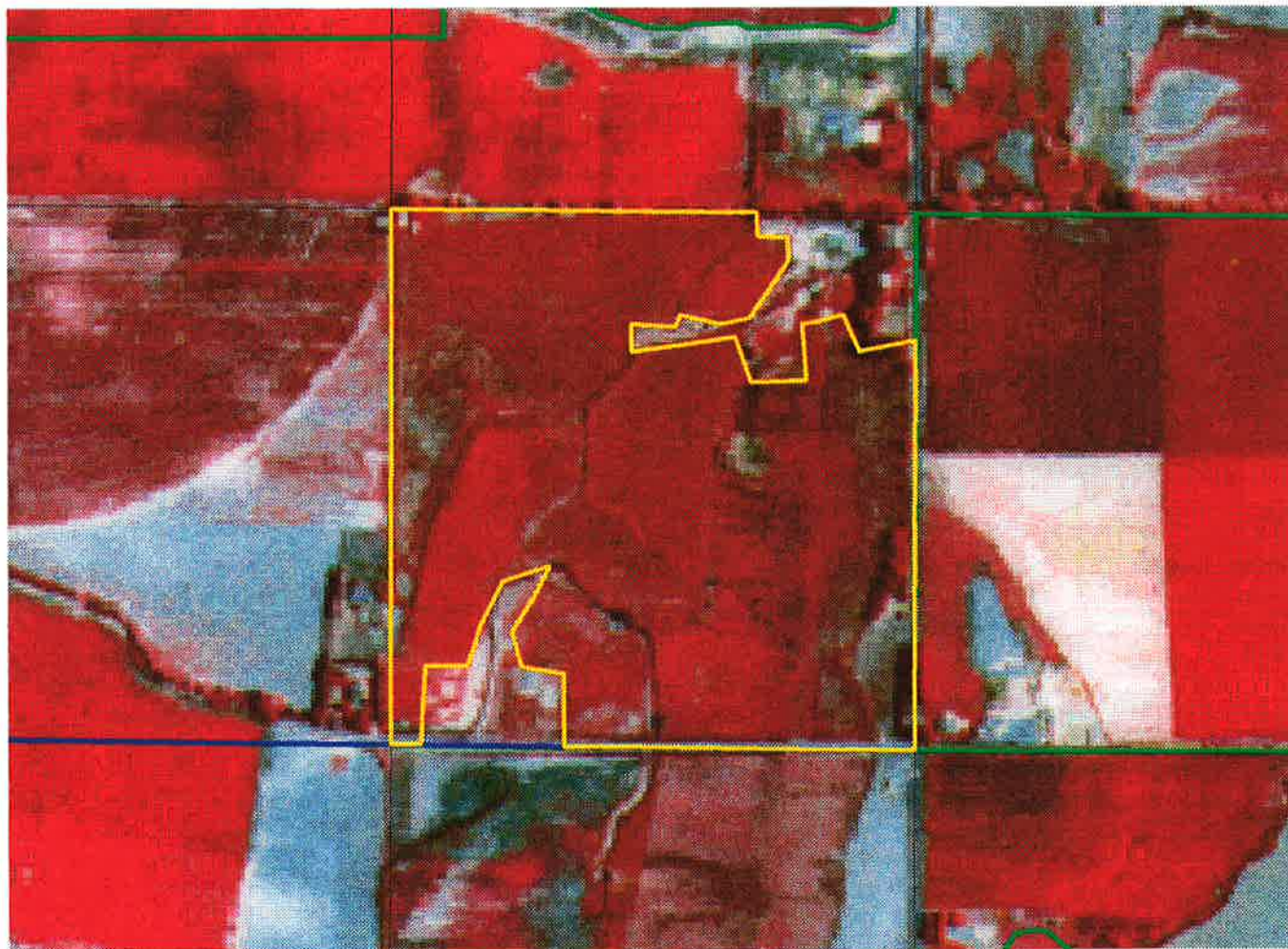
7S.
13E.

A36-00024

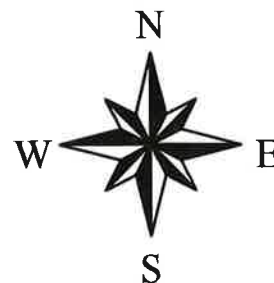


IDAHO DEPARTMENT OF WATER RESOURCES

36-00024
ORLAND PETERSON



660 0 660 1320 Feet



TNS 7S, RNG 13E, SEC 22

⊙ RECOMMENDED POINT OF DIVERSION

□ RECOMMENDED PLACE OF USE

— SECTION LINES

□ QUARTER/QUARTER LINES

GIS PLACE OF USE PRESENTATION
1987 and/or 1988 NAPP PHOTOGRAPHY
DATA ENTRY OCTOBER 1997
BY JEANIE ROBERTSON

AJ0723NP
(0D-26)

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT

09/08/98 13:32:06

Page 1

Water Right Number - 36-00024

Prefix Translation: WATER RIGHT

Old (D) Number -

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

*** C - CURRENT OWNER ***
PETERSON

ORLAND

1 - 2779 S 850 E

2 -

3 -

City- HAGERMAN

Phone - 208-837-4453

State- ID Zip- 83332

+ - - Priority Date - - +
03/30/1884

+ - - Region - - - +
17 SOUTHERN

+ - - Stage - - - +
D - DECREED

+ - - Status - - - +

+ - - Source - - - - - +
BILLINGSLEY CREEK

+ - - Tributary - - - - - +
SNAKE RIVER

+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Diversion Name

07S 13E 11 NW SE NE (47) GOODING BELL DITCH
SE SE NE (47) GOODING BUCKEYE DITCH

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 03/15 11/15 0.870

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
0.870 0.0

+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County
07S 13E 22 SE SW 34.0 01 IRRIGATION (47) GOODING

Total Acres: 34.0

+ - - Diversion Means - VIA BUCKEYE AND BELL DITCHES; SPRINKLER & FURROW IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

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

EXP WATER IS DELIVERED THROUGH THE BELL AND BUCKEYE DITCHES.

+ - - - - Old Water Right Numbers - - - - - +
3600024

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

Prefix Translation: WATER RIGHT

+ - Decree Date - +
12/29/1997

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 08/19/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	- 36A
Licensed Date	- 00/00/0000	Receipt Number	- S001550	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	-	Notice of Error Flag	- B

CLAIM NUMBERS 36-00024DATE 10/28/97

TRANSFER NUMBER _____

OBJECTION FILED _____

* 36-00025AGENT RTOTAL ACRES FROM RECOMMENDATION 34GEOGRAPHIC INFO SYSTEM 34.47

RIGHT NO				NE				NW				SW				SE			
	TNS	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
RECOM	075	13E	22												34				34
GIS															34.47				34.47
RECOM																			
GIS																			
RECOM																			
GIS																			
RECOM																			
GIS																			

UPDATED

POLYGON #

UPDATED

B36-DBPOU.DBF

1680 ✓

POLYGON CREATED ON 604 () _____

ATTRIBUTES OF B36-POU.SHP (680)

B36-DBPOD.DBF

454, 455ATTRIBUTES OF B36-POD.SHP (455) NWSENE-11(Bell Ditch)(454)SESENE-11(Buckeye Ditch)* 36-00025 disallowed (recommended as 36-00024)

P/U CONFLICT yes () no (✓)

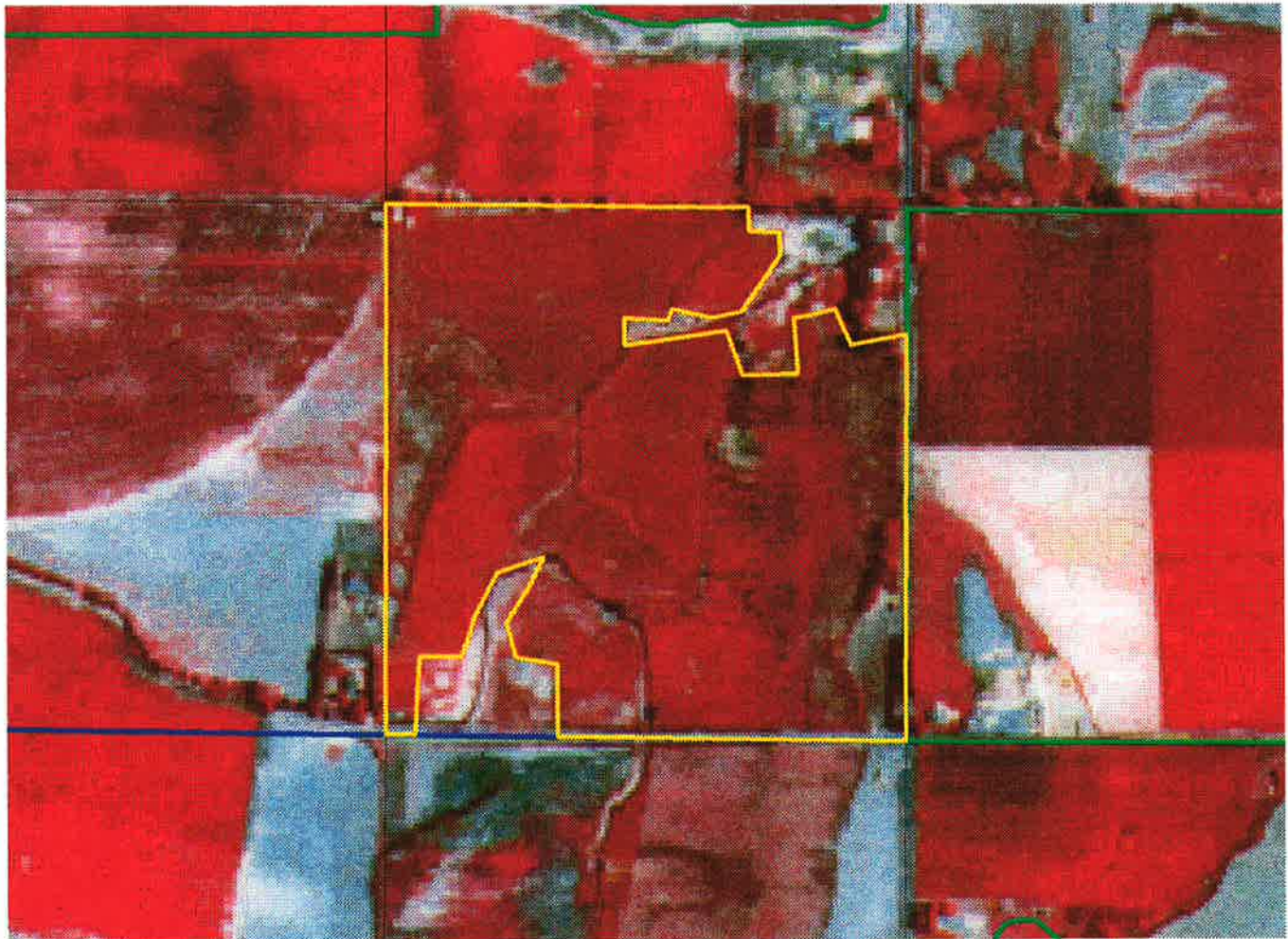
P/D CONFLICT yes () no (✓)

READY FOR DECREE yes (✓) no ()

SENT FOR DECREE yes () no ()

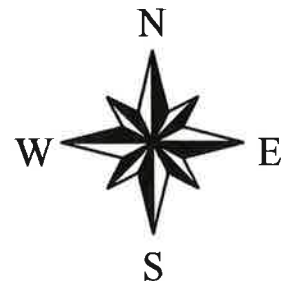
IDAHO DEPARTMENT OF WATER RESOURCES

36-00024
ORLAND PETERSON



660 0 660 1320 Feet

TNS 7S, RNG 13E, SEC 22



⊙ RECOMMENDED POINT OF DIVERSION

 RECOMMENDED PLACE OF USE

 SECTION LINES

 QUARTER/QUARTER LINES

GIS PLACE OF USE PRESENTATION
1987 and/or 1988 NAPP PHOTOGRAPHY
DATA ENTRY OCTOBER 1997
BY JEANIE ROBERTSON

Water Right Number - R36-00024

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
PETERSON

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City- HAGERMAN

State- ID Zip- 83332

Phone - 208-837-4453

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03/30/1884+ - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
D - DECREED

+ - - Status - - - +

+ - - - - Source - - - - - +
BILLINGSLEY CREEK+ - - - - Tributary - - - - - +
SNAKE RIVER+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Diversion Name07S 13E 11 NW SE NE (47) GOODING
SE SE NE (47) GOODING+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION 03/15 11/15 0.870

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
0.870 102.0+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County

07S 13E 22 SE SW 34.0 01 IRRIGATION (47) GOODING

Total Acres: 34.0

+ - - Diversion Means - VIA BUCKEYE AND BELL DITCHES; SPRINKLER & FURROW IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

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

EXP WATER IS DELIVERED THROUGH THE BELL AND BUCKEYE DITCHES.

+ - - - - Old Water Right Numbers - - - - - +
3600024+ - - - - Conditions of Approval - - - - - +
No Conditions of Approval found.

10/28/97 12:37:09
Page 2

Prefix Translation: RESEARCH

+ - - - - Decree Plaintiff - - - +
NEW INTERNATIONAL MORTGAGE BANK

+ - - - - Decree Defendant - - - +
IDAHO POWER COMPANY

+ - Decree Date - +
00/00/0000

+ - - Audit Fields - 08/22/96 SCLELLAN

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

Date: 09/09/1992 User Id: SCHULTZ Subject: NOTICE OF ERROR (NOE)
RECEIVED NOE 9/8/92. CHANGED NOE FLAG FROM BLANK TO A. CLAIM VERIFIED 8/11/92. DID NOT REVERIFY ANY PART OF CLAIM.
Date: 10/01/1992 User Id: SOUTH1 Subject: NOE - RESPONSE
CALLED MR. PETERSON 10/1/92. FIELD VERIFICATION OF DIVERSION FROM BUCKEYE DITCH IS NECESSARY. NO CHANGE AT THIS TIME.
M. STERLING

Date: 10/23/1992 User Id: SOUTH3 Subject: RE-EXAM/RECOMMENDATION CHANGED
THE POD FOR THE BUCKEYE DITCH WAS ADDED TO THIS RIGHT. MR. PETERSON WAS ABLE TO SHOW ME THE HEADGATE FROM THE BUCKEYE
DITCH. WATER FLOWS THROUGH A SHORT PIPELINE INTO THE BELL DITCH AND THE WATER IS PICKED UP FROM THE BELL DITCH AT THE PETERSON
PROPERTY. RMC

Date: 08/22/1996 User Id: SCLELLAN Subject: COPIED FROM REMARKS
WATER IS DELIVERED THROUGH THE BELL AND BUCKEYE DITCHES. 0.19 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 08/19/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	- 36A
Licensed Date	- 00/00/0000	Receipt Number	- S001550	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	-	Notice of Error Flag	- B

6/9/94

COMMUNICATION DOCUMENTATION

This form is to be used to document public record information requests regarding any SRBA claim or claims. The form may also be used to document IDWR communications requesting information regarding any SRBA claim or claims when the request is not made in writing or the claim verification report is not readily available to document the request. This form is to be filed in all relevant claim files or a central office file.

IDWR Employee/Agent Georgia Satterlee

DATE
June 20, 1997 2:44PM

CUSTOMER
Eve Sanchez, 3M Rlty.

SUBJECT: 36-00024,-10523
phone call (x) walk-in (.)

Requested information in the name of Paul Orland Peterson
Legal Description: Sec 22, T07S, R13E SE SW
Sent both claims plus several forms for "Change of Ownership".

Mr. Peterson has other rights but they are located other sections.
Did not print these rights.

NOTICE OF ERROR



RESPONSE



CORRECTED R PROOF



MICROFILMED

JAN 20 1993

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

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ORLAND PETERSON 2779 S 850 E HAGERMAN ID 83332 (208) 837-4453	03/30/1884	IRRIGATION	03-15 11-15	0.87 CFS	
					TOTAL DIVERSION: CONSUMPTIVE USE:	0.87 CFS 102.0 AFA

Water Source: BILLINGSLEY CREEK

Tributary to: SNAKE RIVER

Stage: DECREED

Point(s) of Diversion:

T07S R13E S11

NWSENE

SESENE

GOODING 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	:	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM
07S	13E	22	:									:									:							:	34.0
																												TOTAL ACRES	34.0

POU County: GOODING

Other Rights: NONE

Remarks: WATER IS DELIVERED THROUGH THE BELL AND BUCKEYE DITCHES.
0.19 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.

Dates: Exam Made Date: Verified Date:

Misc: Water District Number: 36A Field Inspection Flag:
Presumption Flag:

Comments: Date: 09/09/1992 User-ID: SCHULTZ Subject: NOTICE OF ERROR (NOE)
RECEIVED NOE 9/8/92. CHANGED NOE FLAG FROM BLANK TO A.
CLAIM VERIFIED 8/11/92. DID NOT REVERIFY ANY PART OF CLAIM.

Date: 10/01/1992 User-ID: SOUTH1 Subject: NOE - RESPONSE
CALLED MR. PETERSON 10/1/92. FIELD VERIFICATION OF DIVERSION
FROM BUCKEYE DITCH IS NECESSARY. NO CHANGE AT THIS TIME.
M. STERLING

Date: 10/23/1992 User-ID: SOUTH3 Subject: RE-EXAM/RECOMMENDATION CHANGED
THE POD FOR THE BUCKEYE DITCH WAS ADDED TO THIS RIGHT. MR.
PETERSON WAS ABLE TO SHOW ME THE HEADGATE FROM THE BUCKEYE
DITCH. WATER FLOWS THROUGH A SHORT PIPELINE INTO THE BELL DITCH
AND THE WATER IS PICKED UP FROM THE BELL DITCH AT THE PETERSON
PROPERTY. RMC

Audit: 10/23/92 SOUTH3

1 JAN 20 1993
MICROFILMED

NAME: MARCI STERLING
CLAIMANT: ORLAND PETERSON
DATE: OCTOBER 1, 1992
W.R. NO: 36-00024, 36-00025, 36-00087, 36-00088

I CALLED MR. PETERSON AT 11:00 THIS MORNING IN RESPONSE TO HIS NOTICE OF ERROR. I INFORMED HIM THAT HE WAS ONLY GIVEN 31 & 34 ACRES ON HIS CLAIMS FOR TWO REASONS: 1) HE ONLY CLAIMED 31 & 34 ACRES WHEN HE FILED HIS ADJUDICATION CLAIMS; 2) THE EXAMINER ONLY FOUND 31 & 34 ACRES BEING IRRIGATED WHEN HE WAS OUT THERE. THE OTHER 15 ACRES DID NOT APPEAR TO BE IRRIGATED. I GAVE HIM THE OPTION OF FILING AMENDMENTS TO CLAIM THOSE ADDITIONAL ACRES, BUT THAT THE EVIDENCE WE HAVE SHOWS THAT THOSE ACRES ARE NOT IRRIGATED AND SHOULD NOT BE RECOMMENDED.

HE WAS ALSO CONCERNED THAT WE DISALLOWED ALL HIS USE FROM THE BUCKEYE DITCH. S. CLELLAND DID NOT FIND A DIVERSION SYSTEM FROM THE BUCKEY DITCH WHEN HE DID THE FIELD EXAM. MR. PETERSON EXPLAINED THAT HE GETS HIS WATER FROM TWO LOCATIONS. HE GETS HIS BELL DITCH WATER FROM THE SAME LOCATION THAT HIS NEIGHBOR, LLOYD BROWN GETS HIS. IT COMES FROM EAST OF THE PROPERTY BY HIS HOUSE. THE OTHER DIVERSION IS SOUTH OF HIS PLACE OUT OF THE BUCKEYE DITCH. HE SAID THAT THE WATER IS PIPED UNDER THE ROAD AND IS USED TO IRRIGATE 27 ACRES OF HIS LAND. HE SUGGESTED THAT SOMEONE GO OUT AND LOOK AT THE SYSTEM AGAIN. AFTER DISCUSSION AND LOOKING AT MAPS AND PHOTOS, STEVE & I DECIDED THERE MAY BE A DIVERSION SYSTEM THAT WAS NOT SEEN AT THE TIME OF THE FIELD EXAM AND IT SHOULD BE LOOKED AT AGAIN. HE SHOULD BE CONTACTED BEFORE WE GO OUT TO LOOK AT IT.

MICROFILMED

JAN 20 1993

RECEIVED

SEP 8 1992

Department of Water Resources

Please type or print clearly, fill out completely, and return to:

Idaho Department of Water Resources

Statehouse Mail

Boise, Idaho 83720-9000

The notice of error must be received at IDWR by the **deadline date** printed below with your proposed recommendation.

YOUR DEADLINE FOR FILING A NOTICE OF ERROR IS: AUG-24-1992

1. Water right number: 36-00024[✓]
36-00088[✓]
2. Name: Orland Peterson
Address: 2779 S 850 E
Hagerman, Idaho 83332
- Weekday Telephone Number: 208-837-4453

TEAR AT PERFORATIONS AND COMPLETE FORM ON OTHER SIDE

(Instead of filling in items 3 and 4 below you may include a copy of your proposed recommendation with the changes marked on the copy.)

3. Describe the portion of proposed recommendation with which you disagree:
RE: A36-00024[✓] Certified Mail #'s 0257097&0258788
A36-00087[✓]
A36-00025[✓]
A36-00088[✓]
Fifth Judicial District, State of Idaho,
Civil Case # 39576 08-19-88
4. Describe the changes you wish to have made in the proposed recommendation:

Acreage shown on above referenced documents is incorrect.
Two separate farms were purchased, each containing 40 acres.
Only 31 acres shows on one document and 34 acres on the
other, leaving 15 deeded unmentioned and eligible for water.
5. Describe why you disagree with the proposed recommendation:

In order to irrigate each portion of the deeded land, a
portion of Buckeye ditch water along with Bell ditch water
is required strictly due to the lay of the land.
6. Date: 3 Sep 92

MICROFILME

SIGNATURE

ORLAND PETERSON SEP 11 1992

R PROOF

X

CVR

X

MAPS

X

PHOTOS

MISC

X

MICROFILMED

1993

VERIFIED BY HHJ

Water Right Number - R36-00024

Prefix Translation:

RESEARCH

Old (D) Number -

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

+ - First Name - - +

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

*** C - CURRENT OWNER ***
PETERSON

ORLAND

1 - 2779 S 850 E

2 -

3 -

City- HAGERMAN

Phone - 208-837-4453

State- ID Zip- 83332

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03/30/1884+ - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
D - DECREED

+ - - Status - - - +

+ - - Source - - - - - +
BILLINGSLEY CREEK+ - - Tributary - - - - - +
SNAKE RIVER+ - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County

07S 13E 11 NW SE NE (47) GOODING

+ - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION 04/01 10/31 0.870

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.870 102.0+ - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County

07S 13E 22 SE SW 34.0 01 IRRIGATION (47) GOODING

Total Acres: 34.0

+ - - Diversion Means - VIA BELL DITCH; SPRINKLER & FURROW IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - NONE

+ - - Remarks - - - - - +

WATER IS DELIVERED THROUGH THE BELL DITCH.
0.19 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE
LOSSES IN DELIVERY OF THIS RIGHT.+ - - Old Water Right Numbers - - - - - +
3600024

MICROFILME!

JAN 20 1993

Water right number - R36-00024

Prefix Translation: RESEARCH

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

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - Decree Date - +
NEW INTERNATIONAL MORTGAGE BANK IDAHO POWER COMPANY 00/00/0000

+ - - - - Comments - - - - - +
No Comments Found

+ - - Audit Fields - - +
08/11/92 THORNTON

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 00/00/0000	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 08/11/1992	Old Judicial District	-
Claim Received Date	- 08/19/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S001550	Water District	- 36A
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	-	Presumption Flag	-
				Notice of Error Flag	-

MICROFILMED
JAN 20 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

16:26:13
06/28/90

PAGE: 13
QUICKLOOK INFORMATION

CLAIM NUMBER: A36-00024

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE								
POINT OF DIV	Y			N (Y)	1,5	30 8-5-92	RB	
SOURCE				N				
PLACE OF USE	(Y)			N	1,2,4,5			
DIV. AMOUNT CFS/VOLUME				N (Y)	1,2,4,5 6 STDS.			
CONSUMPTIVE USE	-			N				
PURPOSES				N				
PERIOD OF USE	Y			N				
BASIS OF CLAIM				N (Y)	6.			
REMARKS				N (Y)	6			

"VERIFIED BY" CODES

TOPO MAP/ORTHO-PQ = 1
ASCS MAP = 2
WATERMASTER RECORDS = 3
NAPP PHOTOS = 4
FIELD EXAM = 5
OTHER (SEE REMARKS) = 6

THESE CODES ARE USED TO INDICATE HOW THE FIELD EXAMINER VERIFIED THE INFORMATION
USED FOR THIS FIELD EXAMINATION. INDICATED ARE ALL CODES WHICH APPLY.

Re-exam 10-22-92. Confirmed diversion
from Buckeye Ditch to Bell Ditch. Mr.
Peterson delivers water to his property
through the Bell Ditch. RTMF 10-22-92

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JAN 20 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

16:26:13
06/28/90

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A36-00024

LAST: PETERSON
ADDRESS: 2779 S. 850 E.
CITY: HAGERMAN
PHONE NUMBER: 208-837-4453

FIRST: ORLAND
STATE: ID ZIP: 83332

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

DATABASE
N

FIELD
EXAMINER

FIELD EXAMINATION INFORMATION

CONTACT PERSON: _____

DATE OF FIELD EXAM: 8/16/90

ACCOMPANIED BY: _____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / REMARKS:

PHONE NUMBER: (____) ____-____

TIME: 10:00 A(X) P(____)

PHONE NUMBER: (____) ____-____

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A. AJ CLAIM: # A36-00024 PRIORITY DATE: 03-30-1884 STAGE: D
B. WR RECORD: # 36-00024 PRIORITY DATE: 03-30-1884 STAGE: D

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE
N

FIELD
EXAMINER
N

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

REMARKS:

=====

RECOMMENDED PRIORITY DATE:
03-30-1884

REVIEWED BY

Scu

DATE

8-16-90

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JAN 20 1993

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A36-00024	07S	13E	11		SE	NE		GOODING

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX	R PREFIX
A36-00025	NONE
A36-00087	
A36-07658	
A36-10409	

WR RECORDS IN SAME 40 ACRE TRACT

36-00003
36-00005
36-00019
36-00021
36-00025
36-00026
36-00027
36-00034
36-00035A
36-00035B
36-00039A
36-00039B
36-00040
36-00051
36-00052
36-00064
36-00065
36-00067
36-00071
36-00076
36-00077
36-00082
36-00083
36-00085
36-00087
36-00088
36-00089
36-00090
36-00091
36-00094
36-00095
36-00096
36-00103
36-00108
36-00112A
36-00112B
36-00113B
36-00113C
36-00113D
36-00125
36-04008
36-04115
36-04261
36-07271
36-07658
36-07739

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JAN 20 1993

36-07834
36-07840
36-07853
36-07875
36-07957
36-08058
36-08319
36-08335

SOURCE: BILLINGSLEY CREEK

TRIB: SNAKE RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
36-00024	07S	13E	11		SE	NE		GOODING

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

36-00003	A36-00025	NONE
36-00005	A36-00087	
36-00019	A36-07658	
36-00021	A36-10409	
36-00025	A36-00051D	
36-00026	A36-10119	
36-00027	A36-10120	
36-00034	A36-10751	
36-00035A	A36-10752	
36-00035B	A36-10755	
36-00039A	A36-10061	
36-00039B	A36-00103B	
36-00040	A36-00108A	
36-00051	A36-00003G	
36-00052	A36-00027	
36-00064	A36-00039C	
36-00065	A36-00090E	
36-00067	A36-00051B	
36-00071	A36-00076A	
36-00076	A36-00089B	
36-00077	A36-00089D	
36-00082	A36-10283	
36-00083	A36-10312	
36-00085	A36-00090A	
36-00087	A36-00003D	
36-00088	A36-00090B	
36-00089	A36-00090C	
36-00090	A36-00090D	
36-00091	A36-00090F	
36-00094	A36-00108F	
36-00095	A36-00125A	
36-00096	A36-00026	
36-00103	A36-00051C	
36-00108	A36-00071A	
36-00112A	A36-00089A	
36-00112B	A36-00108C	
36-00113B	A36-00108D	
36-00113C	A36-00108E	

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JAN 20 1993

36-00113D
36-00125
36-04008
36-04115
36-04261
36-07271
36-07658
36-07739
36-07834
36-07840
36-07853
36-07875
36-07957
36-08058
36-08319
36-08335

A36-00108H
A36-04008
A36-04115
A36-04261
A36-00113B
A36-10316
A36-10588
A36-00039J
A36-00096A
A36-00113F
A36-00113G
A36-10559
A36-00048B
A36-00048C
A36-10223
A36-00103A
A36-00003B
A36-00003C
A36-00003E
A36-00003F
A36-00003J
A36-00039G

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JAN 20 1993

SOURCE: BILLINGSLEY CREEK

TRIB: SNAKE RIVER

C. FIELD EXAM REQUIRED?

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

DATABASE
Y
N

FIELD
EXAMINER

N
N

REMARKS:

VIA E.M. BELL DITCH, ADD 10 AC 1/4

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP. RGE. SEC. 1/4 1/4 1/4 LOT COUNTY

____ *Same* *NW* ____ ____ ____ ____

SOURCE: BILLINGSLEY CREEK

TRIB: SNAKE RIVER

REVIEWED BY: *See*

DATE: *9-17-90*

*change
claim*

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JAN 20 1993

Via BELL DITCH

A. ROOT WATER RIGHT NUMBERS: A36-00024

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
07S	13E	22	SE	SW		PETERSON , ORLAND	A36-00024 /34.0	36-00024 /	39.0		
						PETERSON , ORLAND	A36-00025 /34.0	36-00025 /			
TOTAL ACRES						A36-00024	34.00		39.00		

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER

X

PRESUMPTION FLAG:

REMARKS:

ASCS MAP SHOWS 30.2 ACRES - NAPP SHOWS ALL
Field Exam: accepted as claimed, confirmed irrigation

3.3 acres furrow in
30.7 acres sprinkler

RECOMMENDATIONS:

TOTAL ACRES:

34

REVIEWED BY:

SCC

DATE:

8-16-90

MICROFILMED

JAN 20 1993

A. AJ CLAIMED USES:

A36-00024 PURPOSES
IRRIGATION

MONTH/DAY
FROM 03-15 TO 11-15

4-1 10-31

DIVERSION QUANTITY
2.400 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

2.400 CFS

B. WR RECORDED USES:

36-00024 PURPOSES
IRRIGATION

MONTH/DAY
FROM TO

DIVERSION QUANTITY
2.400 CFS

TOTAL DIVERSION RATE/VOLUME CLAIMED

2.400 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

FIELD
EXAMINER
DATABASE N
N
YES
N

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y(X) N()

RECOMMEND TO WR STANDARDS OR OTHER?

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

REMARKS:

MICROFILMED

JAN 20 1993

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(X) N()

AJ TOTAL CLAIMED DIVERSION RATE: 2.400 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 2.400 CFS

*** IF NO or IF STATUTORY CLAIM or BENEFICIAL USE then flow measurement required. ***
** If an amount smaller than the original diversion rate is **
** claimed and an exam is NOT required, explain in remarks. **

FLOW MEASUREMENT REQUIRED?

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

FIELD
DATABASE EXAMINER
Y N

B.

FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: ~~A36-00025~~ NONE

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A36-00024	BILLINGSLEY CREEK	PETERSON , ORLAND	2.400	0.070		
A36-00025	BILLINGSLEY CREEK	PETERSON , ORLAND	0.200	0.005		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

Total .075

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JAN 20 1993

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 34.0 x 0.02 CFS/ACRE = 0.68 CFS
(Taken from p/u review)

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 102.0 AF/A

ACRES 34 x CONSUMPTIVE VOL. AF/A FOR AREA 3.0 =

TOTAL CONSUMPTIVE USE 102 AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES 34 x DIVERSION VOL. AF/A FOR AREA 4.0 =

TOTAL DIVERSION VOLUME 136 AF/A

N/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

1b. CALCULATIONS

Hubble analysis

3.3 acres x 0.02 =

30.7 sprinkler 0.02 =

0.68 cfs

conveyance loss: 0.19 cfs

TOTAL = 0.87 cfs

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JAN 20 1993

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS USE
IRRIGATION	4-1 10-31 93-15 11-15	DATABASE EXAMINER 2.400 1.36	DATABASE EXAMINER 1.36 N/A	DATABASE EXAMINER 102.0 102.0
TOTAL FOR THIS RIGHT		2.400 0.87		

REVIEWED BY: SCC DATE: 9-17-90

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JAN 20 1993

~~* allow 0.04 cfs / acre~~ See 8-5-92

— Since all the water that can be beneficially used is supplied by this water right the claim A36-00025 is disallowed.

SCC
9-17-90

F01 = Bell Ditch
D02 = 0.19 cfs
SHR = 0.68 cfs

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED
AS CLAIMED
(X)
(X)
(X)

NEEDS
REVIEW
()
(X) *Legal Review*

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 36-00024

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
2.400

EXAMINER

CFS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

A36-00024

2.400

-

36-00024

2.400

TOTAL CFS

2.400

2.400

DIVERSION RATE REVIEW

DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)
IF NO, is the written review sheet attached? (Y/N)

DATABASE
Y

FIELD
EXAMINER
~~X~~

REMARKS:

AUTHENTICATION:

SIGNATURE:

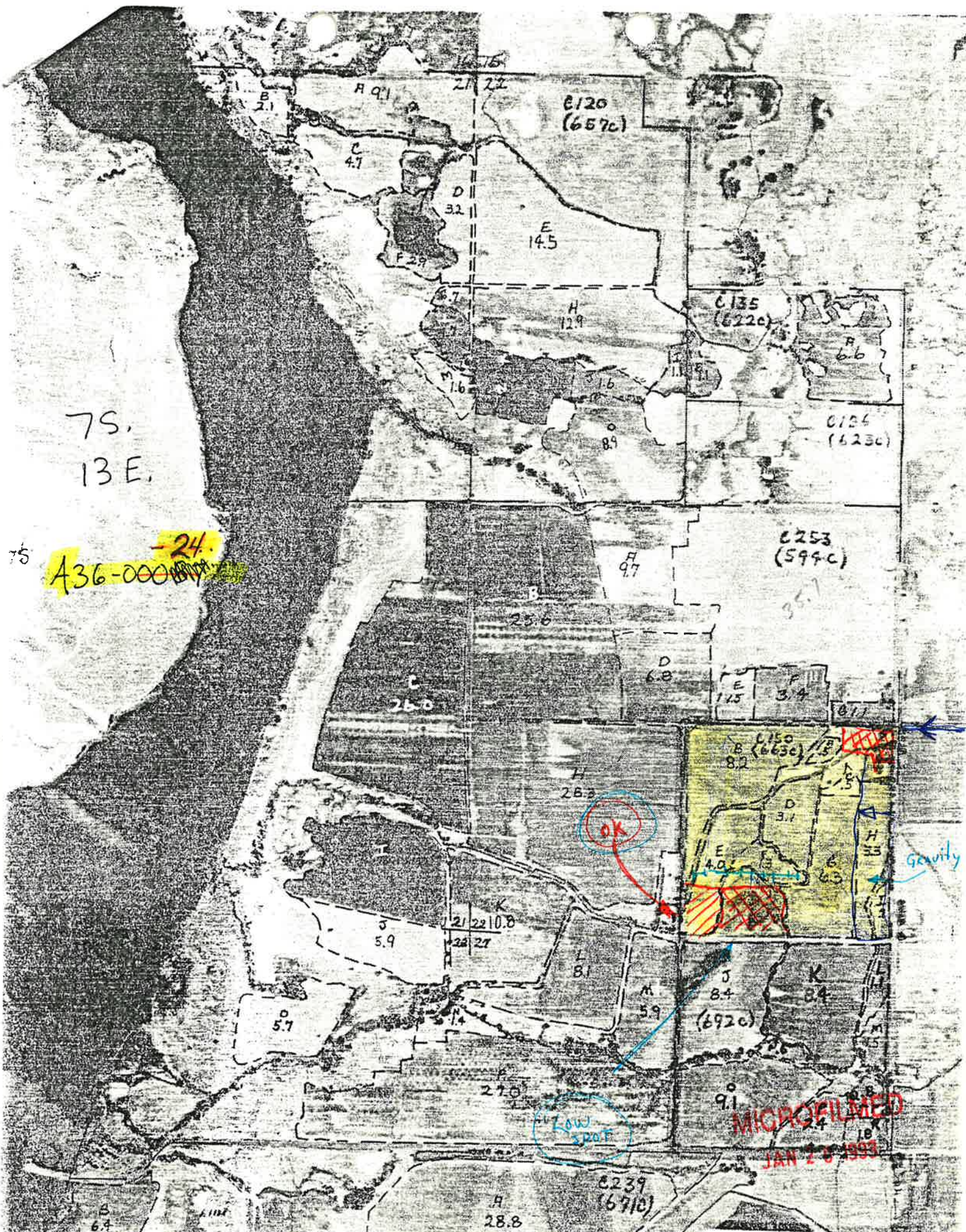
Steve [Signature]

DATE:

9-17-90

NAME OF FIELD EXAMINER:

TITLE:



7S.
13E.

75

-24.
A36-000

E120
(657c)

C135
(622c)

C126
(623c)

C253
(594c)

C150
(663c)

(692c)

C239
(671c)

OK

Low spot

Gravity

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JAN 28 1993

REMARK AND CONDITION CODE WORKSHEET

SYSTEM CLAIM NUMBERS

R36 00024

AGENT

INITIALS

SW

DATE

8-5-92

CLAIM NO.
OR ENTRY
ORDERREMARK
CODE

ENTRY DATA

CONDITION
CODESTAGE
OR
STATUSPRESUMPTION
CODE

F01

BELL PITCH

D02

0.19 cfs

SHR

0.68 cfs

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JAN 20 1993

A3C-00024

SCC 8-3-92

CONVEYANCE LOSS - WORSTELL

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	5100	7.0	2.00	0.90	0.17	7.13	0.1265	0.02	10.90
2	11700	7.0	2.00	2.07	2.24	6.96	0.2973	0.95	9.83
3	2500	7.0	2.00	0.44	0.19	4.72	0.0937	0.10	5.52
4	900	7.0	2.00	0.16	1.55	4.53	0.0351	0.86	4.88
5	1100	7.0	2.00	0.19	2.98	2.98	0.0653	1.84	3.17
6				0.00		0.00	0.0000	0.00	0.00
7				0.00		0.00	0.0000	0.00	0.00
8				0.00		0.00	0.0000	0.00	0.00
9				0.00		0.00	0.0000	0.00	0.00
10				0.00		0.00	0.0000	0.00	0.00
11				0.00		0.00	0.0000	0.00	0.00
12				0.00		0.00	0.0000	0.00	0.00
13				0.00		0.00	0.0000	0.00	0.00
14				0.00		0.00	0.0000	0.00	0.00
15				0.00		0.00	0.0000	0.00	0.00
16				0.00		0.00	0.0000	0.00	0.00
17				0.00		0.00	0.0000	0.00	0.00
18				0.00		0.00	0.0000	0.00	0.00
19				0.00		0.00	0.0000	0.00	0.00
20				0.00		0.00	0.0000	0.00	0.00
TOTALS	21300			3.77	7.13			3.77	

REACH = SECTION OF CHANNEL

LENGTH = LENGTH OF REACH, THE CHANNEL CAN BE DIVIDED INTO EQUAL LENGTH REACHES
OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS

AVE WIDTH = AVERAGE TOP WIDTH OF REACH

SEEPAGE = SOIL SEEPAGE RATE OF REACH

WORSTELL LOSS = CONVEYANCE LOSS IN REACH BASED ON WORSTELL METHOD

DELIVERY = TOTAL DELIVERIES IN REACH

DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)

LOSS FACTOR = WORSTELL LOSS/DELIVERY LEFT

DELIVERY LOSS = SUM(LOSS FACTORS OF CURRENT AND PREVIOUS REACHES) X DELIVERY,
REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH

FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

BELL DITCH

shared loss with
these rights:

36-00077A

36-00077B

36-00024

36-00026

0.19 cfs per RightMICROFILMED
JAN 20 1993

A36-00024

PETERSON

BELL DITCH

7-23-92

SC

INTAKE FAMILY <If> = 0.55
 DESIGN APPLICATION <Fr> = 1.84 INCHES
 FURROW SLOPE <S> = 0.010 FEET/FOOT
 FURROW SPACING <W> = 2.50 FEET
 FURROW LENGTH <L> = 140 FEET
 INFLOW RATE <Q> = 1 GPM/FURROW
 APPLICATION TIME <Ti> = 12 HOURS

ADVANCE TIME <TT> = 33.3 MINUTES; OR 0.6 HOURS
 GROSS APPLICATION <FG> = 3.30 INCHES
 NET APPLICATION <Fx> = 2.86 INCHES
 RUNOFF <RO> = 0.37 INCHES
 DEEP PERCOLATION <DP> = 1.09 INCHES
 EFFICIENCY <E> = 55.76 %

TO CHANGE: PRESS (EXISTING)
 Design Application <1> 1.84 in
 Furrow Slope <2> 0.010 ft/ft
 Furrow Spacing <3> 2.50 ft
 Furrow Length <4> 140 ft
 Furrow Intake Family <5> 0.55
 Inflow Rate <6> 1 gpm/furrow
 Inflow Time <7> 12 hours <ANALYSIS MODE>

TO PRINT: DATA/WITH HEADING PRESS:<8/9>

NEW DESIGN PRESS <10>, NEW ANALYSIS PRESS <11>, QUIT PRESS <12>?

INTAKE FAMILY	DESIGN APPLIC. Inches	FURROW SLOPE Ft/Ft	FURROW SPACING Feet	FURROW LENGTH Feet	INFLOW RATE Gpm	APPROXIMATE INFLOW TIME Hours	ADVANCE TIME Minutes	GROSS IRRIGATION APPLICATION Inches	NET IRRIGATION APPLICATION Inches	RUNOFF Inches	DEEP PERC. In.	IRRIGATION EFFICIENCY %
0.55	1.84	.010	2.50	140	5	12	7.7	16.50	3.70	12.79	1.87	11.15
0.55	1.84	.010	2.50	140	4	12	8.4	13.20	3.55	9.63	1.73	13.94
0.55	1.84	.010	2.50	140	3	12	9.8	9.90	3.39	6.49	1.57	18.59
0.55	1.84	.010	2.50	140	2	12	13.3	6.60	3.18	3.39	1.37	27.88
0.55	1.84	.010	2.50	140	1	12	33.3	3.30	2.86	0.37	1.09	55.76

$$FIR = 4.2 \frac{0.25}{55.76}$$

$$= 0.019$$

* allow 0.03 cfs/Acre

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 JAN 20 1993

$$3.3 \text{ Ac} \times 0.03 \text{ cfs/Ac} = \underline{\underline{0.10 \text{ cfs}}}$$

CONVERSATION MEMORANDUM

EMPLOYEE: STEVE CLELLAND

FILE A36-00024

RE: Orland Peterson 837 4453
irrigation methods

DATE 7-20-92 9:50 Am

NAME OF PARTY

ORLAND Peterson

need # furrows per set
need rotation period
need set time

He told me he has about 22 acres of sprinkler and
about 15 acres corrugated lands, the rest is flood irrigated.
The corrugated lands have 28-30" spacings.

He runs the water continuously and is on a 4 day
rotation. Each set is 8-12 hrs in the gravity systems but
will vary somewhat. The wheelline is on 12 Hour sets.

Mr. Peterson did mention that sometimes he can get the
water to go the length of the run by moving the water off
for 5-6 hours then come back on the same set.

(Same memo to file A36-00087.)

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JAN 20 1993

I. IRRIGATION ANALYSIS WORKSHEET

CLAIM NO. A36-00024DATE 7-9-92AGENT KKCCLAIMANT/SYSTEM DESCRIPTION Bell DitchIRRIGATION SYSTEM ----- FLOOD / sprinklerANALYSIS METHOD ----- BORDER / FURROWTYPE OF CROP ----- PastureMAXIMUM PROFILE DEPTH ----- 36 INCHESINTAKE FAMILY ----- 2 .55

SOIL TYPE KEC ----- SYSTEM TOTALACRES PER TYPE 3.3 ----- 3.3 ACRESSOIL PROFILE WHC 3.68 -----DESIGN IRR $\frac{1}{2}$ WHC 1.84 -----31.5 acres under sprinkler

CROP REQUIREMENT:

REPORT AREA & FIGURE NO. ----- Bliss 10-8

DAILY CROP REQUIREMENT:

6.44 (MM/DAY) / 25.4 (FACTOR IN MM/IN) ----- .254 IN/DAYACTUAL ROTATION PRACTICED ----- 4 DAYSDRY DAY ROTATION Ø IRR DAY ROTATION 4

THEORETICAL ROTATION:

1.84 DESIGN IRR / .254 CROP REQ = 7.25 DAYS allow 7 days

DESCRIPTION OF FIELD:

AVERAGE LENGTH RUN ----- 140TOTAL WIDTH OF FIELD ----- 1034CHECK 140 L * 1034 W / 43,560 = 3.32 ACRES% SLOPE ----- 1%~~BORDER WIDTH~~ ----- N/A~~1034 WIDTH OF FIELD / 8 DAYS OF ROTATION~~FURROW / CORRUGATION WIDTH ----- 30"SET TIME ----- 8-12

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