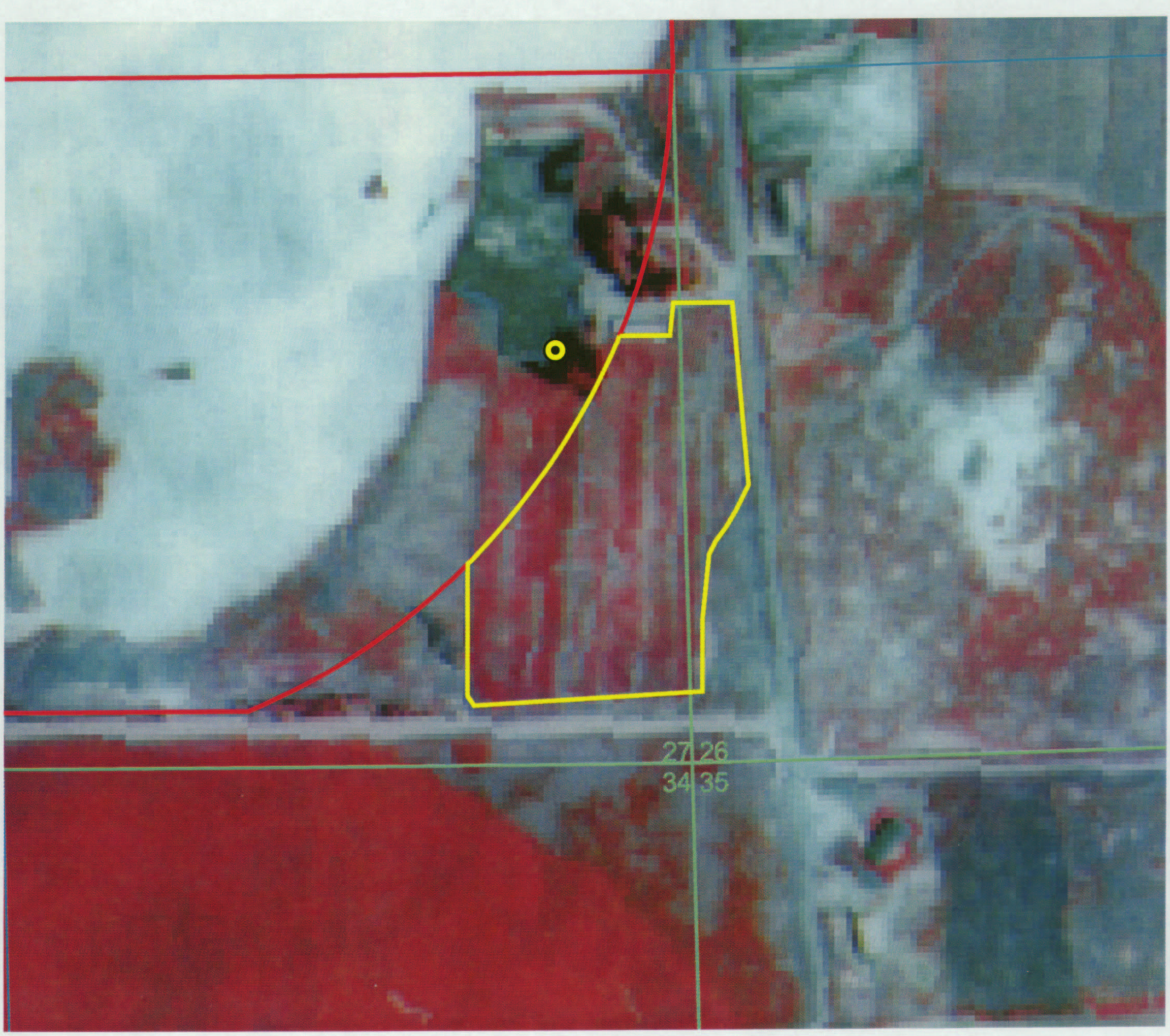
IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062C, 31-00063C

Township 7N Range 35E Section 27

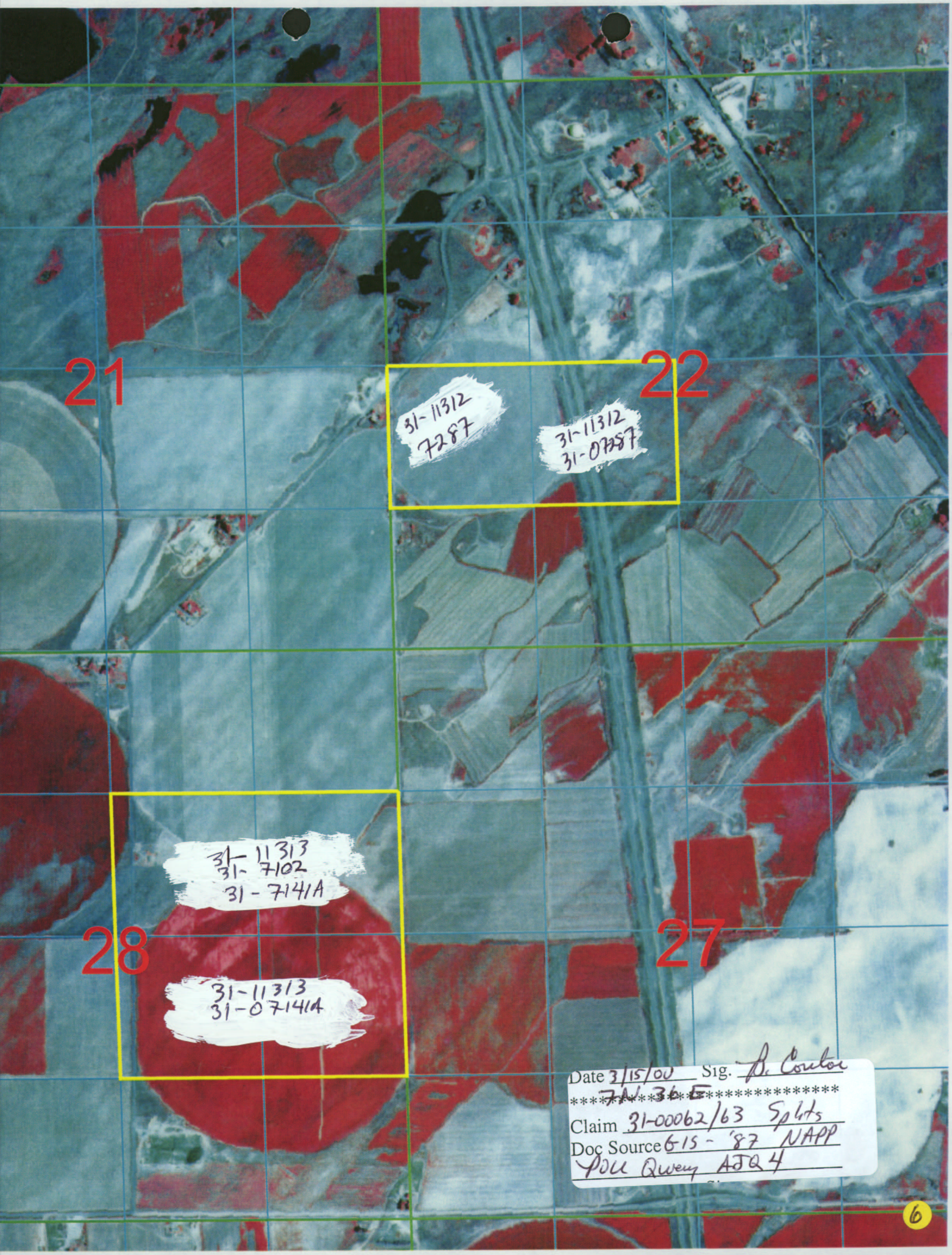


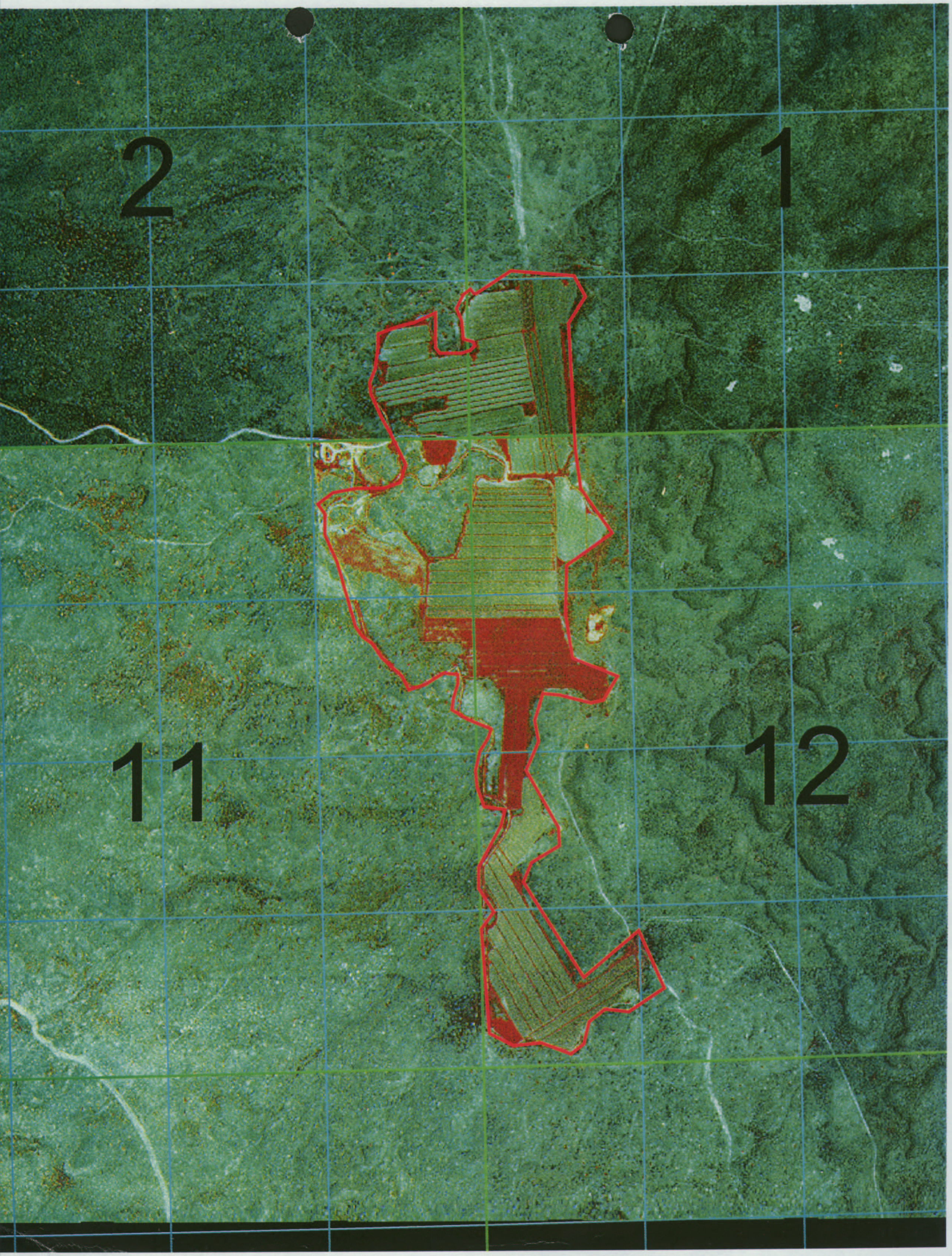
Point of Diversion - This Water Right
Point of Diversion - Other Water Rights
Place of Use - This WR
Place of Use - Other WR
Sections
Quarter-quarter Sections

0 660 Feet

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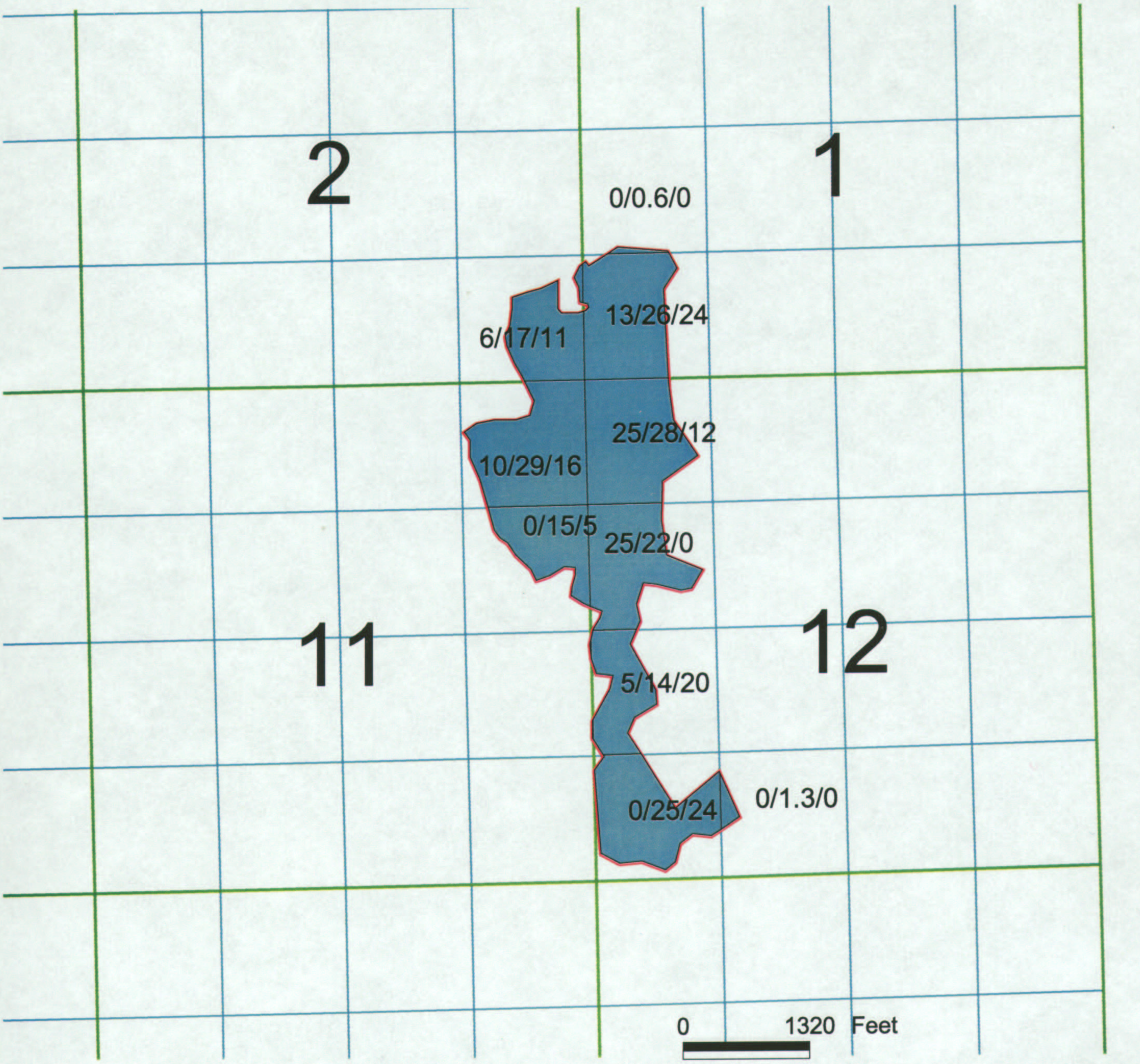
GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000


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31-11312
7287
31-11312
31-07287
28
31-11313
31-7102
31-7141A
27
31-11313
31-071414
Date 3/15/00 Sig. B. Coulter
**********7W36E**********
Claim 31-00062/63 Splts
Doc Source 615 - '87 NAPP
Pole Query ADQ4
6


2
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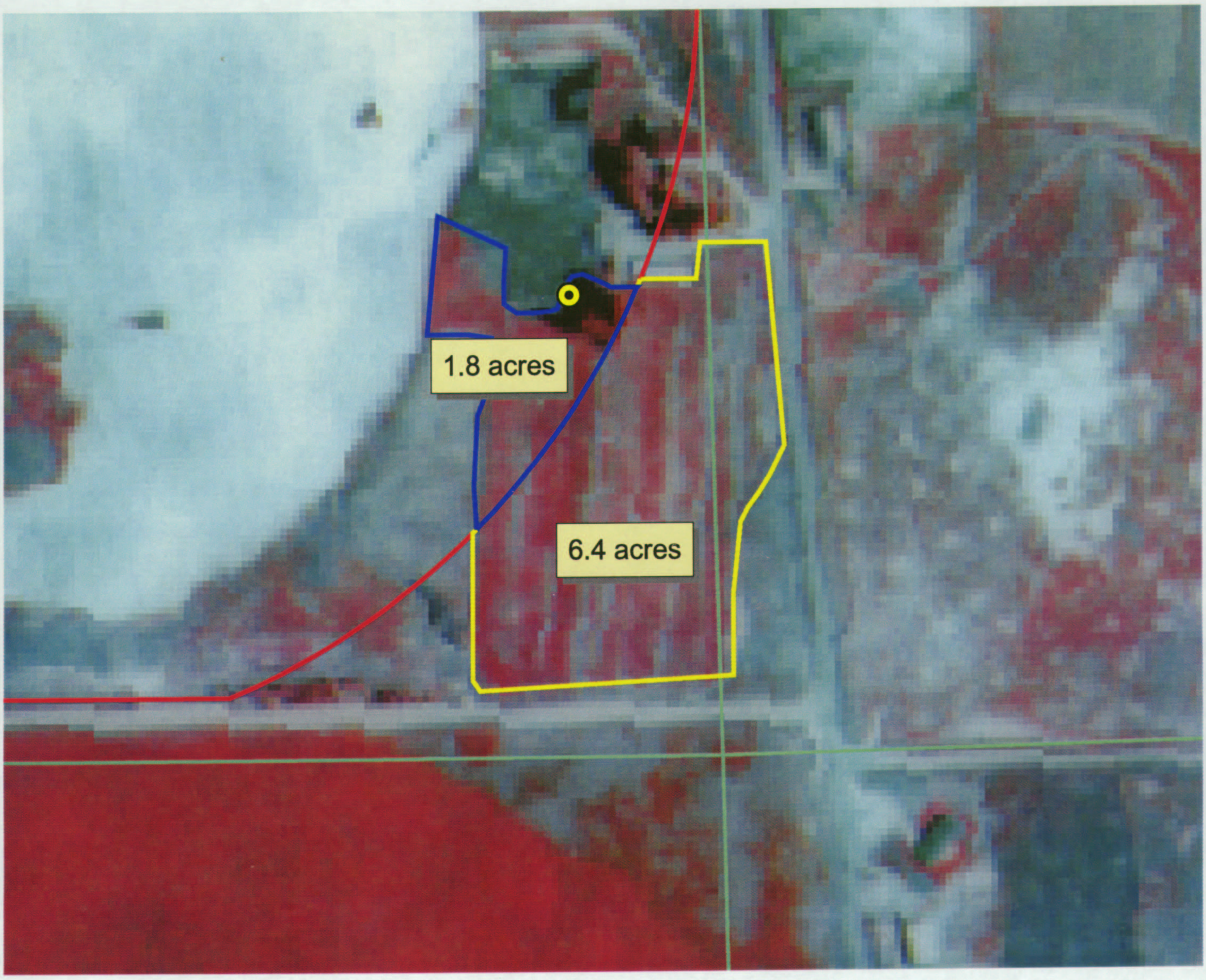
IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062L, 63L, 2337
Acres Per Quarter-quarter
Format: License 2337/GIS/Claim



Prepared by Bryce A. Contor from 1987/1988 NAPP Photography, 3/2000

A31-00062C/63C



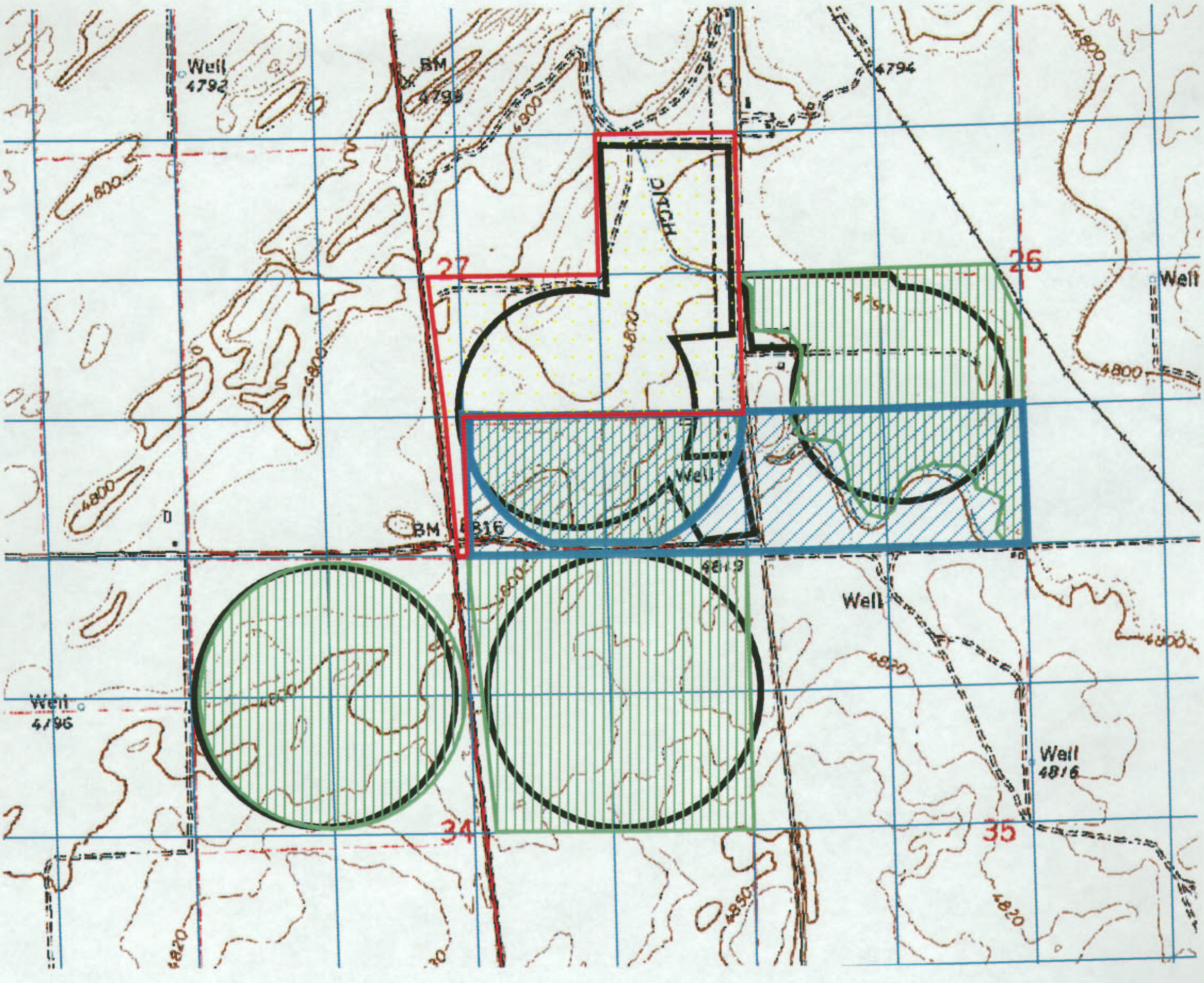
Overlap with 31-00062M/63M
31-00062C/63C
POD
Other POU

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Prepared 6/2000 by B. Contor

Aaron and Neal Savage POU

Approximate POU from NWMD exams,
Transfer sketches, and Licensing Exams



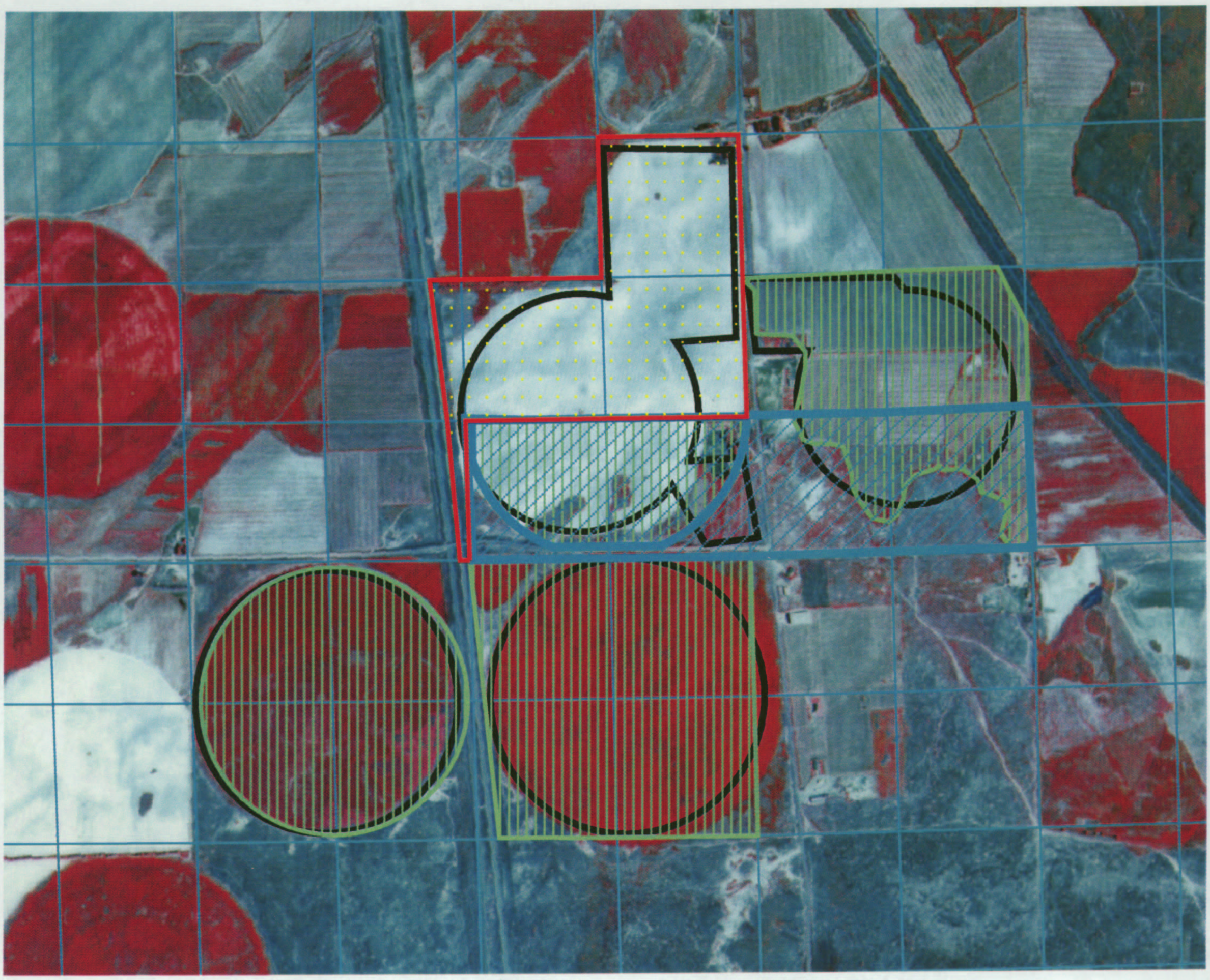
- 31-00062N/63N, T3029 and T4780
- 31-00062C/63C/62M/63M, T2403, T3394
- Licenses 31-02389, 31-02392, 31-07117
- NWMD Approximate 1997 POU
- Sections
- Quarter-quarter Sections

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Prepared 6/2000 by B. Contor

Aaron and Neal Savage POU

Approximate POU from NWMD exams,
Transfer sketches, and Licensing Exams



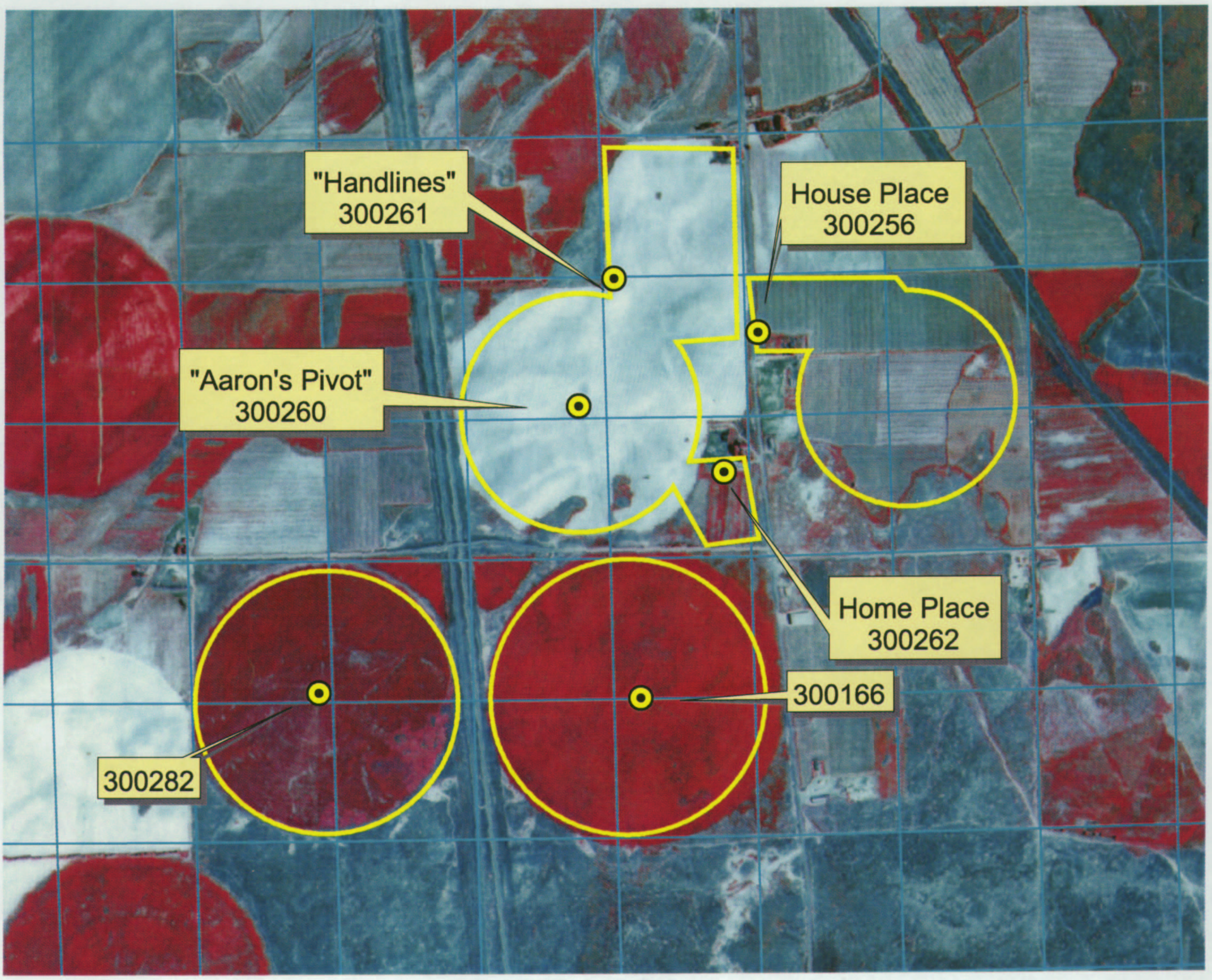
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31-00062C/63C/62M/63M, T2403, T3394
Licenses 31-02389, 31-02392, 31-07117
NWMD Approximate 1997 POU
Sections
Quarter-quarter Sections

N
W E
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Prepared 6/2000 by B. Contor

Aaron and Neal Savage POD and POU per NWMD Exams

POD located by GPS. POU approximate, per rough field sketches



Prepared 6/2000 by B. Contor

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062C, 31-00063C

Township 7N Range 35E Section 27



Point of Diversion - This Water Right
Point of Diversion - Other Water Rights
Place of Use - This WR
Place of Use - Other WR
Sections
Quarter-quarter Sections

0 660 Feet

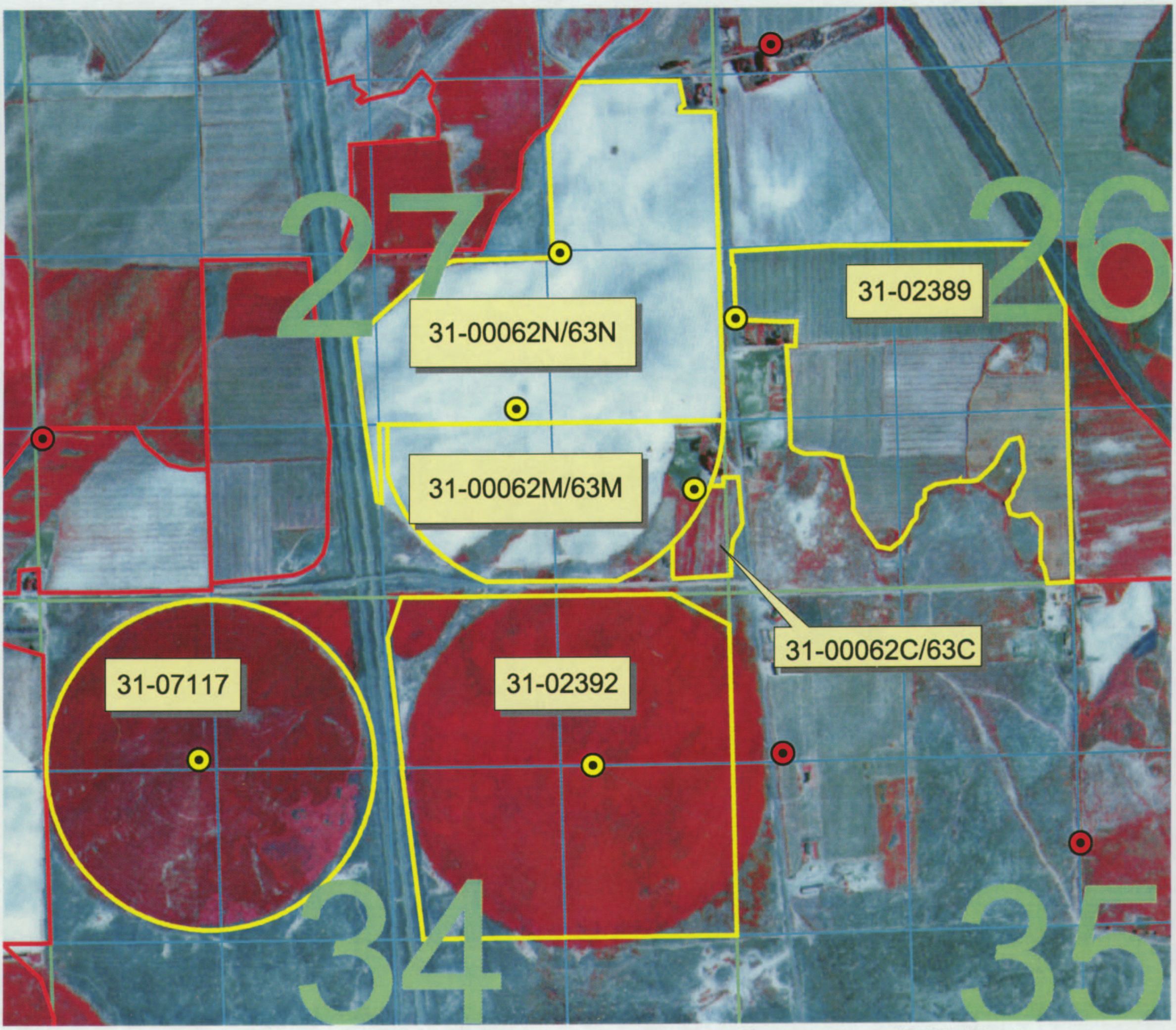
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GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

IDAHO DEPARTMENT OF WATER RESOURCES

Summary of Aaron and Neal Savage Recommendations

Township 7N Range 36E



0 1320 Feet

- Point of Diversion - This Water Right
- Point of Diversion - Other Water Rights
- Place of Use - This WR
- Place of Use - Other WR
- Sections
- Quarter-quarter Sections

N
W E
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GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

Well 4791
Well 4805
Well 4792
BM 4799
4794
Well
DITCH
Well
Well
BM 4816
4819
Well
4816
Well 4806
BM 4855
4861
4823
4813
4821
HAMER
UNION PACIFIC
22
23
24
19
27
26
25
30
34
35
36
31
15
91

****

Claim A31-00062C / 63C

Doc Source USGS W41

Date 6/20/00 Sig. B Coulton

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MORE THAN 1,000 AUDIO AND VIDEO CLIPS

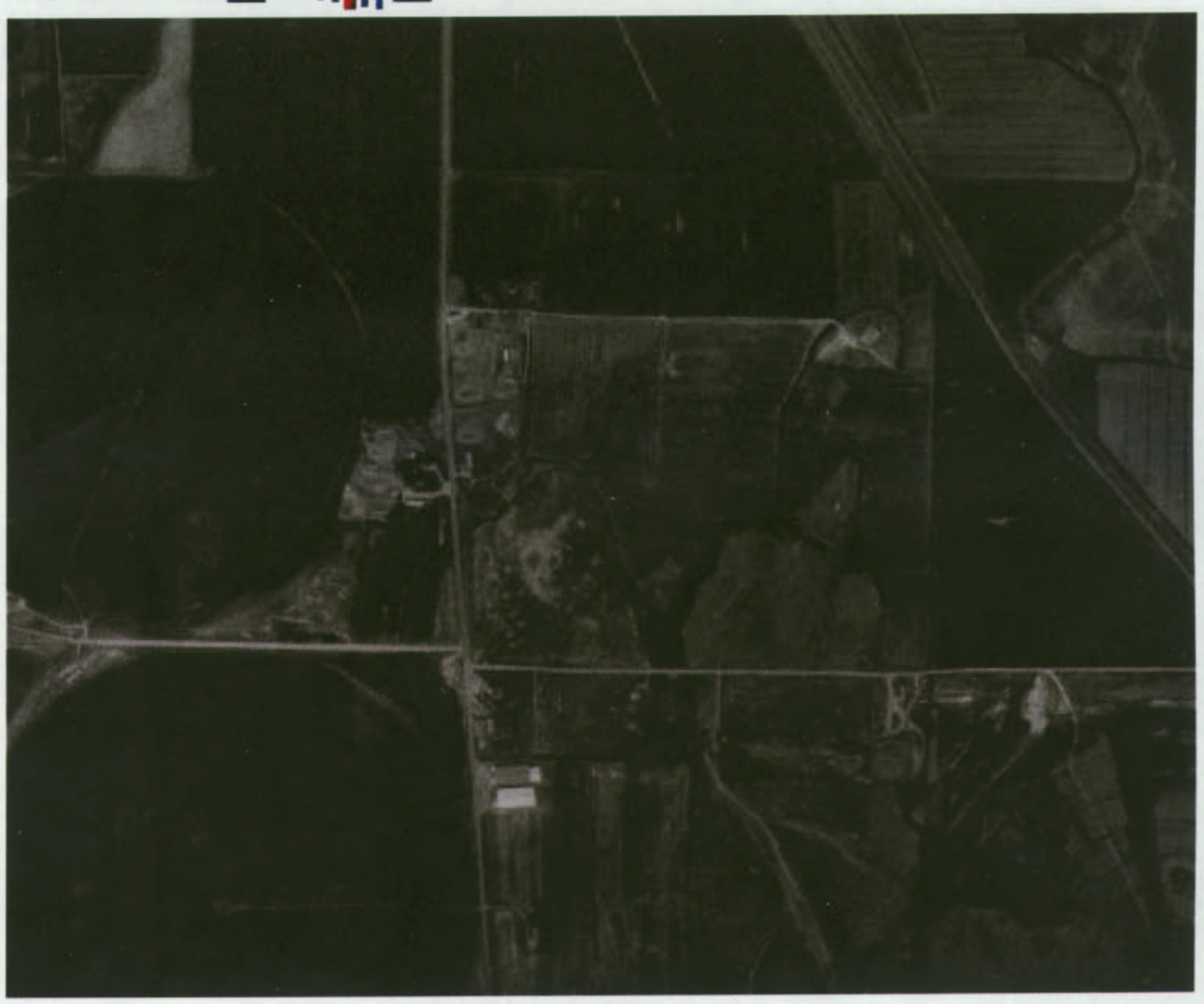
Encarta Learning Zone > TerraServer | Reference College Homework Teachers Parents Features



USGS Topo Map
01 Jul 1977

3 km S of Hamer, Idaho, United States 26 Jul 1992

Zoom 4m



0 .5Km 0 .25Mi

Image courtesy of the US Geological Survey.

OrigMetaTag = '4311207SW' Center Lon,Lat= -112.19036,43.89771 Running Time 430 ms Time 6/20/00 7:27:01 AM

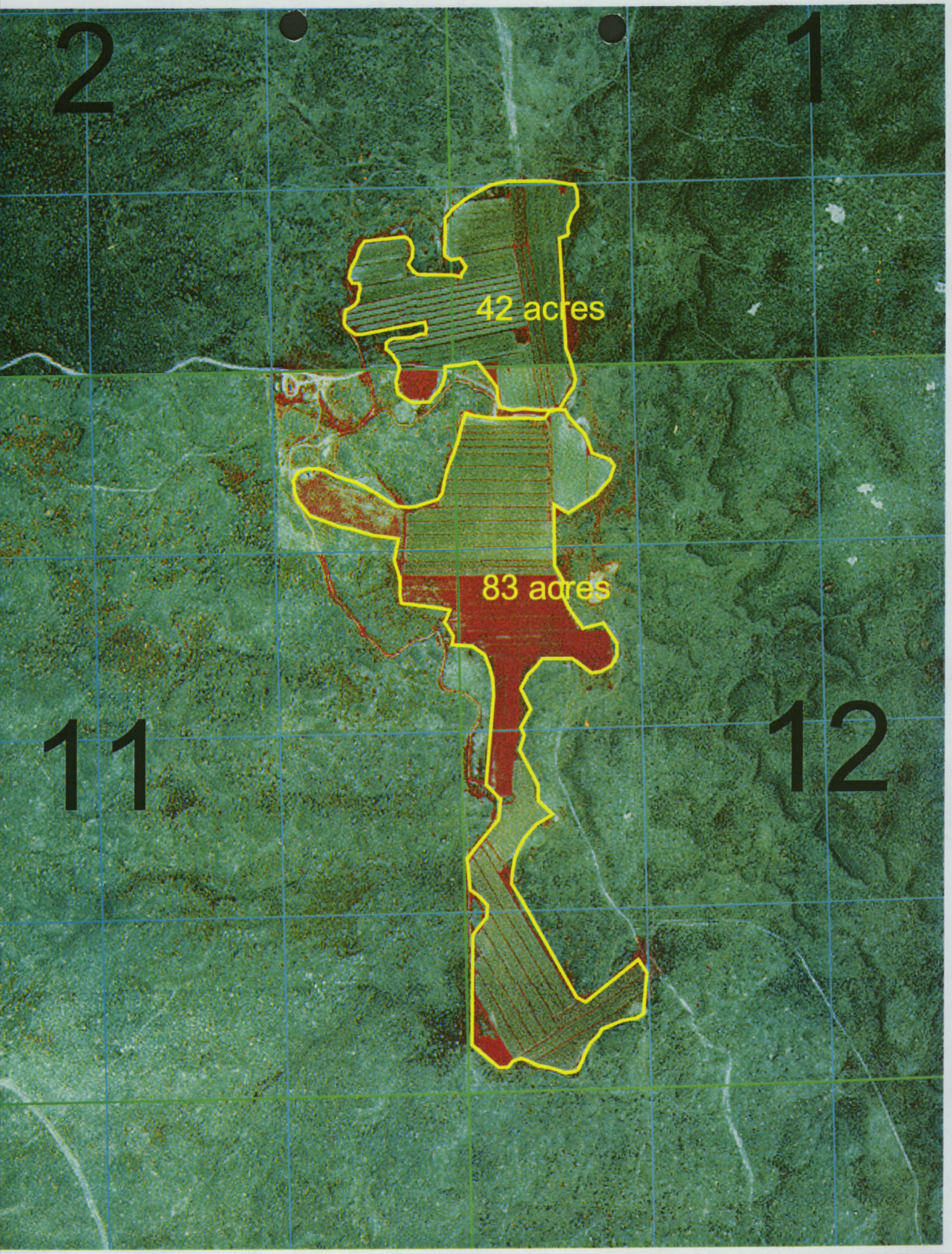
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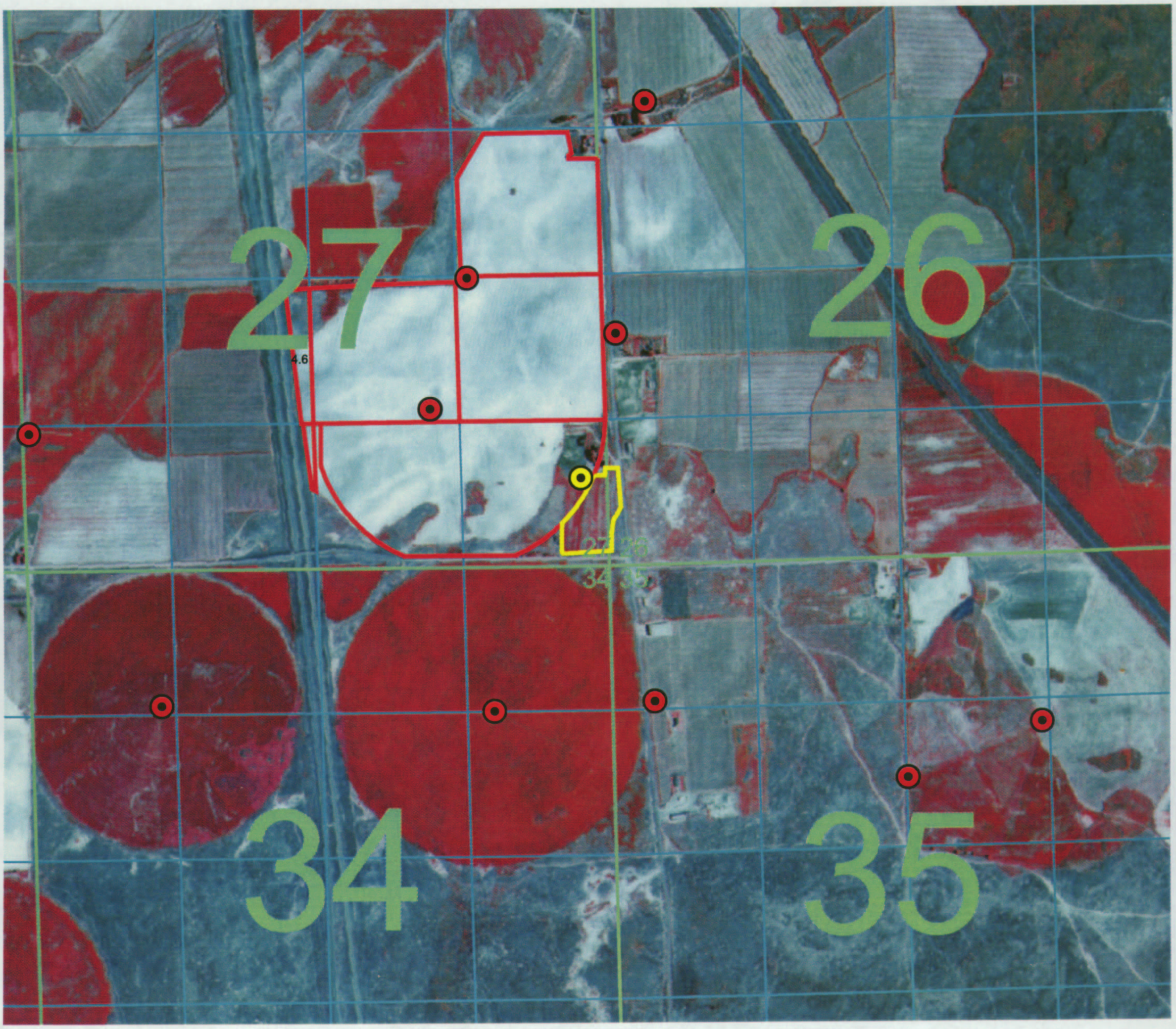
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2
1
42 acres
83 acres
11
12

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062C, 31-00063C

Township 7N Range 35E Section 27



- Point of Diversion - This Water Right
- Point of Diversion - Other Water Rights
- Place of Use - This WR
- Place of Use - Other WR
- Sections
- Quarter-quarter Sections

0 1000 Feet

N
W E
S

GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

T 7 N

Hamer

Well

BM 4814

Roadside Rest

Well 4731

Well 4805

Well 4792

BM 4799

Well

BM 4816

Well 4796

Well

Well

Well

Well 4816

Well

Well

Well

Well

HAMER

DITCH

UNION PACIFIC

4794

4821

4820

4813

4823

4819

4867

BM 4855

21 22 23

28 27 26

33 34 35

Claim A31-00062C / 63C
Doc Source W41 NAPP
9/4/1980
Date 6/20/00 Sig. B. Conlon

W 41 9/4/1980

Aaron and Neal Savage POU

Approximate POU from NWMD exams,
Locations of Photos 6/20/2000



- 31-00062N/63N, T3029 and T4780
- 31-00062C/63C/62M/63M, T2403, T3394
- Licenses 31-02389, 31-02392, 31-07117
- NWMD Approximate 1997 POU
- Sections
- Quarter-quarter Sections

N
W E
S

Prepared 6/2000 by B. Contor

Photos taken by B. Contor. See attached location map.

Location C
Photo 9

Looking North East



A31-00062C/63C Field Inspection 6/20/2000
Photos taken by B. Contor. See attached location map.

Location C
Photo 7

Looking North West



Copy To
1980 NAPP
for Brent

Location C
Photo 8

Looking North



Photos taken by B. Contor. See attached location map.

Location B
Photo 5

Looking North North-East



Location B
Photo 6

Looking East along South fence



Photos taken by B. Contor. See attached location map.

Location A
Photo 3

Looking East along south pasture fence



Location B
Photo 4

Looking North North-West



A31-00062C/63C Field Inspection 6/20/2000
Photos taken by B. Contor. See attached location map.

Location A
Photo 1

Looking N at pasture. Green growth is Kochia weed, not a planted crop.



Location A
Photo 2

Looking NE at pasture



Water User
122

MURDOCK, DAN; MURDOCK, STEVE ID:

POD 06N 36E 11 NWNENE

Site Tag # A0008581

Record # 300125

Diversion Name LOG HOUSE





Date 3/16/00 Sig. B. Coulter

****

Claim A31-00062L/ 63L

Doc Source NWMD exam

300125 9/98

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommended Right Report

WATER RIGHT NO. 31-62C

Owner Type	Name and Address
Current Owner	NEAL W SAVAGE HC 69 BOX 1110 HAMER, ID 83425 (208)662-5241
Original Owner	HAMER CANAL CO HAMER, ID

Priority Date: 10/31/1917
Basis: Decreed
Status: Active

Source	Tributary to
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume	Subuse Code
IRRIGATION	5/01	9/01	1.24 CFS	15.9 AFA	
Total Diversion			1.24 CFS	15.9 AFA	

Location of Point(s) of Diversion:

GROUND WATER NESESE Sec. 27 Township 07N Range 36E JEFFERSON County

IRRIGATION Use:
Acre Limit: 6.4

Place(s) of use:

Place of Use Legal Description: IRRIGATION JEFFERSON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
07N	36E	26		SWSW	1.3									
		27		SESE	5.1									

Total Acres: 6.4

Conditions of Approval:

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

Remarks:

1. Quantity USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED DIVERSION VOLUME OF 5.33 ACRE FEET IN ANY 21 DAY PERIOD. RIGHT NOS.: 31-00062C, 31-00063C.

2. Purpose of Use THE USE OF WATER FOR IRRIGATION UNDER THIS RIGHT MAY BEGIN AS EARLY AS APRIL 1 AND MAY CONTINUE TO AS LATE AS OCTOBER 31, PROVIDED OTHER ELEMENTS OF THE RIGHT ARE NOT EXCEEDED. THE USE OF WATER BEFORE MAY 1 AND AFTER SEPTEMBER 1 UNDER THIS REMARK IS

		SUBORDINATE TO ALL WATER RIGHTS HAVING NO SUBORDINATED EARLY OR LATE IRRIGATION USE AND A PRIORITY DATE EARLIER THAN THE DATE A PARTIAL DECREE IS ENTERED FOR THIS RIGHT.
3.	Place of Use - Irrigation	USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 6.4 ACRES IN A SINGLE IRRIGATION SEASON. COMBINED RIGHT NOS.: 31-00062C, 31-00063C.
4.	Explanatory	THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 31-00062C, 31-00063C.
5.	Quantity	THE TOTAL COMBINED DIVERSION RATE FROM THE WELL LOCATED IN T7N R36E SECTION 27 NESESE IS LIMITED TO 1.75 CFS.

Comments:

Author	Date	Subject	Comment
BCONTOR	6/19/00	COPIED FROM REMARKS	TRANS. 3394, 2403. THIS RIGHT REFLECTS TRANSFER #3394 DATED 11 OCT. 1988. RECOMMENDATION THIS RECOMMENDATION REPRESENTS THE BENEFICIAL USE ACTUALLY DEVELOPED UNDER 1980 FORMAL TRANSFER 2403, LESS THE DIVERSION RATE AND PLACE OF USE SEPARATED OFF BY 1988 FORMAL TRANSFER 3394. THE INTENDED DIVERSION RATE WAS APPARANTLY DEVELOPED, BUT THE INTEND POU WAS NOT FULLY DEVELOPED. DUE TO HISTORICAL AND COMMON LOCAL PRACTICE OF BORDER IRRIGATION, AN EXCESSIVE PER-ACRE DIVERSION RATE IS RECOMMENDED WITH APPROPRIATE COMBINED PER-IRRIGATION VOLUME LIMITATIONS.

Dates:

Licensed Date:
Claim Received Date: 11/10/1988
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
Decreed Date:
Date Filed with Court:
Objection Filed Date:
SF5 Filed:
Special Master Recom Signed Date:

Element Reviewed/Verified Dates: No dates found

Other Information:

Receipt Number(s): E003969
State or Federal: S
Owner Name Connector:
Water District Number: 31
Generic Max Rate per Acre:
Generic Max Volume per Acre:
Civil Case Number:
Old Case Number:
Decree Plantiff:
Decree Defendant:
PresumptionFlag:
Notice of Error Flag:NONE RECEIVED
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Verification Log:

Element	Date Time Stamp	Reviewer	Log Text
POD	8/28/00 4:10:44 PM	bcontor	Edited point location

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062C, 31-00063C

Township 7N Range 35E Section 27



- Point of Diversion - This Water Right
- Point of Diversion - Other Water Rights
- Place of Use - This WR
- Place of Use - Other WR
- Sections
- Quarter-quarter Sections

0 660 Feet

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W E
S

GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	NEAL SAVAGE HC 69 BOX 1110 HAMER ID 83425 (208) 662-5241	10/31/1917	IRRIGATION	05-01	09-01	1.240 CFS	15.90 AFA
				TOTAL DIVERSION:		1.240 CFS	15.90 AFA

Water Source: GROUNDWATER Tributary to: Stage: DECREED

Point(s) of Diversion: T07N R36E S27 ~~NESWSW~~ NESESE JEFFERSON County

Place of use Legal Description for: IRRIGATION

	NE				NW				SW				SE				
	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
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	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
07N 36E 26											01						1.3
07N 36E 27																05	5.1
															TOTAL ACRES		6.4

POU County: JEFFERSON

Other Rights: 31-0063C.

Conditions of Approval:

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

Remarks: QNT USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED DIVERSION VOLUME OF 5.33 ACRE FEET IN ANY 21 DAY PERIOD. RIGHT NOS.: 31-00062C, 31-00063C.

USE THE USE OF WATER FOR IRRIGATION UNDER THIS RIGHT MAY BEGIN AS EARLY AS APRIL 1 AND MAY CONTINUE TO AS LATE AS OCTOBER 31, PROVIDED OTHER ELEMENTS OF THE RIGHT ARE NOT EXCEEDED. THE USE OF WATER BEFORE MAY 1 AND AFTER SEPTEMBER 1 UNDER THIS REMARK IS SUBORDINATE TO ALL WATER RIGHTS HAVING NO SUBORDINATED EARLY OR LATE IRRIGATION USE AND A PRIORITY DATE EARLIER THAN THE DATE A PARTIAL DECREE IS ENTERED FOR THIS RIGHT.

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF A COMBINED TOTAL OF 6.4 ACRES IN A SINGLE IRRIGATION SEASON. COMBINED RIGHT NOS.: 31-00062C, 31-00063C.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE: 31-00062C, 31-00063C.

Dates: Exam Made Date: Verified Date: 06/21/2000 Objection Filed Date:

Misc: Water District Number: 31 Field Inspection Flag:
Presumption Flag:

Comments: Date: 06/19/2000 User-ID: BCONTOR Subject: COPIED FROM REMARKS
TRANS. 3394, 2403. THIS RIGHT REFLECTS TRANSFER #3394
DATED 11 OCT. 1988.

Date: 06/19/2000 User-ID: BCONTOR Subject: RECOMMENDATION
THIS RECOMMENDATION REPRESENTS THE BENEFICIAL USE ACTUALLY
DEVELOPED UNDER 1980 FORMAL TRANSFER 2403, LESS THE DIVERSION
RATE AND PLACE OF USE SEPARATED OFF BY 1988 FORMAL TRANSFER
3394. THE INTENDED DIVERSION RATE WAS APPARANTLY DEVELOPED, BUT
THE INTEND POU WAS NOT FULLY DEVELOPED. DUE TO HISTORICAL
AND COMMON LOCAL PRACTICE OF BORDER IRRIGATION, AN EXCESSIVE
PER-ACRE DIVERSION RATE IS RECOMMENDED WITH APPROPRIATE COMBINED
PER-IRRIGATION VOLUME LIMITATIONS.

Audit: 06/21/00 BCONTOR

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

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

CIVIL CASE NUMBER: 39576

Ident. Number: **A31-00062C**
Date Received: 11/10/1988
Receipt No: E003969
Received By:

NOTICE OF CLAIM TO A WATER RIGHT ACQUIRED UNDER STATE LAW

A3100062C

1. Name: NEAL SAVAGE 208-662-5241
   Address: HC 69 BOX 1110
   HAMER, ID 83425

2. Date of Priority: OCT 31, 1917

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4	Lot	County
07N	36E	27	SE SE		JEFFERSON

5. Description of diverting works:
   WELL AND PUMP TO HANDLINES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S (or)	A.F.A.
IRRIGATION	04/01	11/01	1.240	

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

8. Total consumptive use is 170.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
07N	36E	26	SW SW		IRR	29.0
			SE SW		IRR	19.0
				Section Acres		48.0

MICROFILMED
NOV 1 / 1992

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4		Lot	Use	Acres
07N	36E	27	SW	SE		IRR	10.0
			SE	SE		IRR	10.0
					Section Acres		20.0
					Total Acres		68.0

11. Place of use in counties: JEFFERSON

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

13. Other Water Rights Used:
31-0063C.

14. Remarks:
TRANS. 3394, 2403. THIS RIGHT REFLECTS TRANSFER #3394
DATED 11 OCT. 1988.

15. Basis of Claim: DECREED
Case Number:
Court :
Decree date:

ERNEST SAUVE
Decree Plaintiff

vs

W. H. ABBOTT.
Decree Defendant

MICROFILMED
NOV 17 1992

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: 1

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): Ward W Swage Date: Nov 10, 1988

_____ Date: _____

State of Idaho)
) SS.
County of Bonneville)

Subscribed and sworn (or affirmed) before me this 10 day of Nov 19 88

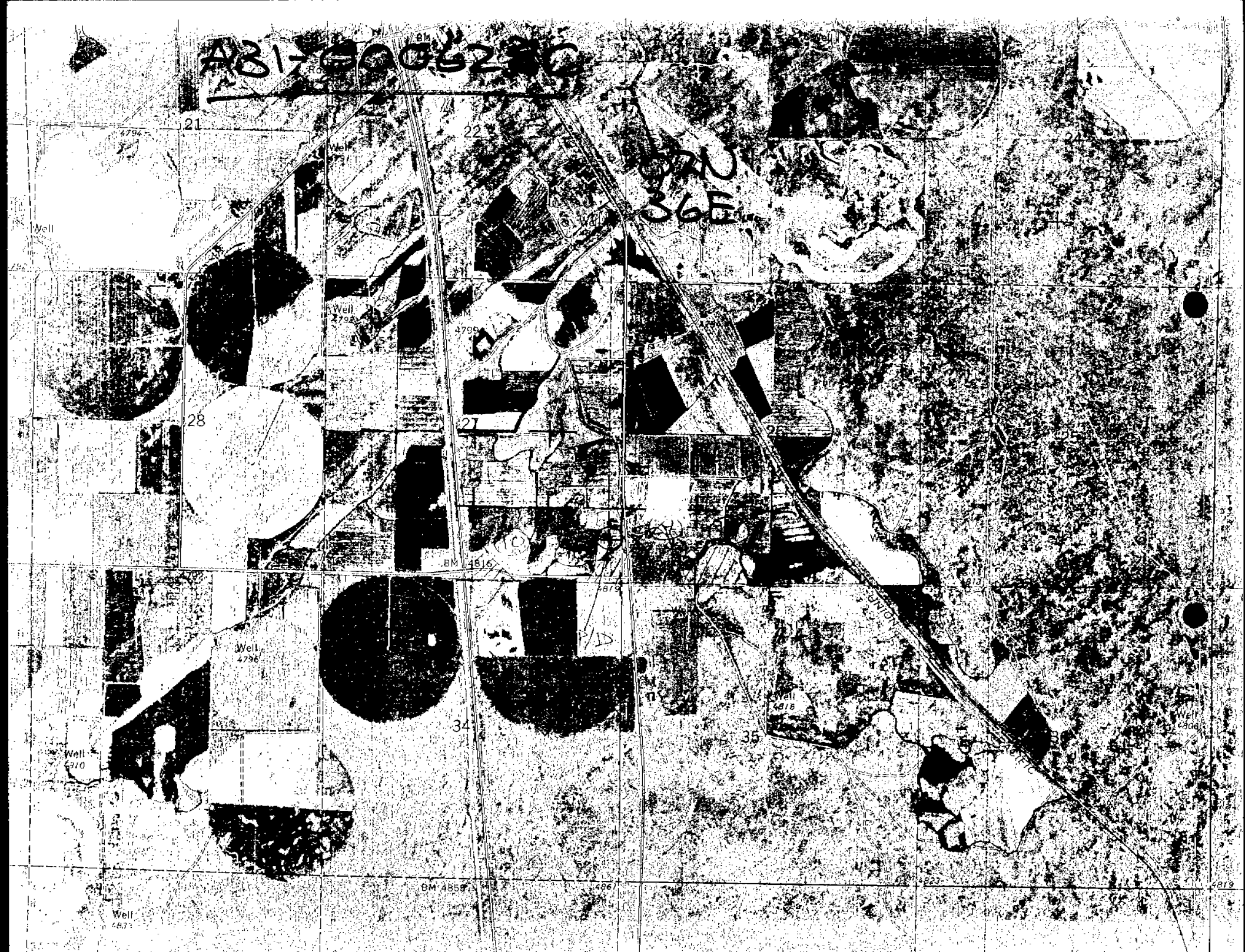
Paul R Meyer
Notary Public

Seal

Residing at Idaho Falls

My Commission Expires 9-12-94

MICROFILMED
NOV 17 1992


A81-0903-236
T2N
R6E
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22
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28
27
BM 4816
Well
4796
Well
4818
34
35
BM 4859
Well
4873
Well
4810

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

22:58:37
05/15/95

PROFILE REPORT

CLAIM NUMBER: A31-00062C

1.24

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	NEAL SAVAGE MC 69 BOX 1110 HAMER ID 83425 (208) 662-5241	10/31/1917	IRRIGATION	~~04-01~~	~~11-01~~	~~1.24~~ CFS	15.9
				3/1	-9/1		
			TOTAL DIVERSION:			1.24 CFS	
			CONSUMPTIVE USE:			~~0.62~~	~~120.0 AFY~~

WATER SOURCE: GROUNDWATER TRIBUTARY TO: STAGE: DECREED

POINT(S) OF DIVERSION: T07N R36E S27 JEFFERSON COUNTY

PLACE OF USE LEGAL DESCRIPTION FOR: IRRIGATION NESESE Home Place

	NE				NW				SW				SE				
T R S	NENE LT AC	NWNE LT AC	SWNE LT AC	SENE LT AC	NENW LT AC	NWNW LT AC	SWNW LT AC	SENW LT AC	NESW LT AC	NWSW LT AC	SWSW LT AC	SESW LT AC	NESE LT AC	NWSE LT AC	SWSE LT AC	SESE LT AC	SUM
07N 36E 26									~~29~~		19						48.0
07N 36E 27									1.3						~~10~~	~~13~~	20.0
														TOTAL ACRES	5.1		~~68.0~~

6.4

POU COUNTY: JEFFERSON

OTHER RIGHTS: 31-00063C.

C18

REMARKS: TRANS. 3594, 2403. THIS RIGHT REFLECTS TRANSFER 83594 DATED 11 OCT. 1988.

DATES: EXAM MADE DATE: VERIFIED DATE: 07/15/1985

MISC: WATER DISTRICT NUMBER: 31 FIELD INSPECTION FLAG:
PRESUMPTION FLAG:

31-11665

Use 502

QNT This right w/ 31-00063C limited to 5.33 cfs every 21 days.

POU 1 E14 62C/63C 64 acres

TEXT F06 62C/63C

****

POD ID _____

POU ID _____

_____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

08:40:08
06/30/00

CLAIM NUMBER: 1
CLAIM NUMBER: A01-00062C

GENERAL INFORMATION

LAST: SAVAGE FIRST: NEAL
ADDRESS: HC 69 BOX 1110
CITY: HAMER STATE: ID ZIP: 83425
PHONE NUMBER: 208-662-5241

OWNER CODE: C

LAST: HAMER CANAL CO FIRST:
ADDRESS:
CITY: HAMER STATE: ID ZIP: 00000
PHONE NUMBER: 208-000-0000

OWNER CODE: O

FIELD EXAM REQUIRED? FIELD EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS? DATABASE Y FIELD EXAMINER Y(___) N(___)

CLAIM REMARKS: GRN TRANS. 3394, 2403. THIS RIGHT REPLACES TRANSFER #3394 DATED 11 OCT. 1988.

FIELD EXAMINATION INFORMATION

CONTACT PERSON: _____ PHONE NUMBER: (___) ___-____

DATE OF FIELD EXAM: ___/___/___ APPOINTMENT MADE: Y(___) N(___) TIME: ____:____ A(___) P(___)

ACCOMPANIED BY: _____ PHONE NUMBER: (___) ___-____

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / NOTES: Desktop Review 6/21/00 Based on drive-by inspection 6/20/00 and NWMD data.

PRIORITY DATE REVIEW PAGE

CLAIM NUMBER: A31-00062C

A. AJ CLAIM # A31-00062C PRIORITY DATE: 10-31-1917 STAGE: D

B. WR RECORD: # 31-00062C PRIORITY DATE: - - STAGE:

C. CAN THE PRIORITY DATE CLAIMED BE CONFIRMED BY A DECREE OR LICENSE? Y(✓) N( )

D. HAS THERE BEEN A LATER COURT DECREE OF THE WATER RIGHT(S) FROM THIS WATER SOURCE? Y( ) N(✓)

E. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE? (IF YES, DESCRIBE BELOW) Y( ) N(✓)

F. IF THIS CLAIM IS BASED ON A PERMIT, WHERE IS THE PERMIT IN THE LICENSING PROCESS?

PROOF OF BENEFICIAL USE SUBMITTED N/A(✓) Y( ) N( )

FIELD EXAM COMPLETED N/A(✓) Y( ) N( )

FIELD EXAM SENT TO STATE OFFICE N/A(✓) Y( ) N( )

LICENSE ISSUED N/A(✓) Y( ) N( )

* IF THE PERMIT WILL NOT BE LICENSED PRIOR TO THE DIRECTOR'S REPORT, USE CONDITION CODE A01 AND RECOMMEND AS PERMITTED.

G. IF THIS CLAIM IS BASED ON BENEFICIAL USE, IS ADDITIONAL EVIDENCE OF THE PRIORITY DATE REQUIRED? N/A(✓) Y( ) N( )

* FOR CLAIMS BASED ON BENEFICIAL USE, DESCRIBE THE EVIDENCE OF PRIORITY SUBMITTED, INCLUDING THE ANALYSIS OF THE EVIDENCE.

H. IS THE STAGE OF THE CLAIM CODED CORRECTLY? Y(✓) N( )

NOTES: _____

RECOMMENDED PRIORITY DATE:

10 - 31 - 1917

REVIEWED BY Bac DATE 6/24/00

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	POD FLAG	COUNTY	DIVERSION NAME	DIVERSION NUMBER
A31-00062C	07N	36E	27		SE	SE			JEFFERSON		

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX: A31-10437
R PREFIX: 31-10437

WR RECORDS IN SAME 40 ACRE TRACT
31-00062L
31-00063L

SOURCE: GROUNDWATER TRIB:

B. WR POINT OF DIVERSION AND SOURCE:

3100062C THERE IS NO POD ASSOCIATED WITH THIS WATER RIGHT NUMBER

C. IS THE CLAIMED POD WITHIN THE SAME 40 ACRE TRACT THAT IS DESCRIBED IN THE WATER RIGHT FILE? N/A(✓) Y( ) N( )

* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN POD, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

D. CAN THE CLAIMED POD BE VERIFIED USING THE WATER RIGHT FILE OR GIS DATA? N/A( ) Y(✓) N( )

E. SHOULD THE CLAIMED POD BE VERIFIED BY FIELD EXAM? Y( ) N(✓)

F. IS THE CLAIMED SOURCE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A( ) Y(✓) N( )

* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN SOURCE, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

G. CAN THE CLAIMED SOURCE BE VERIFIED USING THE WATER RIGHT FILE? Y(✓) N( )

H. SHOULD THE CLAIMED SOURCE BE VERIFIED BY FIELD EXAM? Y( ) N(✓)

I. HOW WAS THE POD AND SOURCE VERIFIED?

LICENSING FIELD EXAM (DATE OF FIELD EXAM _____) Y( ) N(✓)

AJ FIELD EXAM (DATE OF FIELD EXAM _____ NAME OF EXAMINER _____) Y( ) N(✓)

OTHER (DESCRIBE IN NOTES BELOW)

Drive by 6/20/2000, NWMD GPS + exam 1997/98

NOTES: _____

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE: CHECK HERE IF RECOMMENDED AS CLAIMED (___)

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	POD FLAG	COUNTY	DIVERSION NAME	DIVERSION NBR
07N	36E	27	NE	SE	SE			JEFFERSON		
----	----	----	---	---	---	---	---	------	Home Place	----------
----	----	----	---	---	---	---	---	------	----------	----------
----	----	----	---	---	---	---	---	------	----------	----------
----	----	----	---	---	---	---	---	------	----------	----------
----	----	----	---	---	---	---	---	------	----------	----------
----	----	----	---	---	---	---	---	------	----------	----------

SOURCE: GW IRIR: _____

REVIEWED BY: Bac DATE: 6/21/05

SYSTEM DESCRIPTION: DESCRIBED BELOW (/), SEE LICENSE FILE (___), OR SEE ATTACHMENT (___)

Open discharge to ditches to Border irrigation.

PLACE OF USE REVIEW SHEET

CLAIM NUMBER: A31-00062C

A. ROOT WATER RIGHT NUMBERS: A31-00062A
A31-00062F
A31-00062C
A31-00062J
A31-00062R
A31-00062L
R31-00062S
R31-00062Q
R31-00062A
R31-00062C
R31-00062N
R31-00062P
A31-00062N
A31-00062M
A31-00062T
A31-00062Q
A31-00062S
A31-00062I
A31-00062U
R31-00062R

B. POD LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AI #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	MAXIMUM ACRES
07N	36E	25	SW	SW		SAVAGE, NEAL	A31-00062C / 29.0	- /	38.0		
			SW	SW		SAVAGE, NEAL	A31-00063C / 29.0	- /			
			SW	SW		SAVAGE, NEAL W	A31-033?09 / 11.0	31-02309 / 11.0			
			SW	SW		PETERSEN, DON	A31-10600 / 4.0	- /			
			SW	SW		SAVAGE, NEAL		31-00062L / 40.0			
			SW	SW		SAVAGE, NEAL		31-00063L / 40.0			

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
			SW	SW		HAMER CANAL CO.		31-02206 / 40.0			
			SW	SW		HAMER CANAL CO.		31-04002 /			1.3
07N	36E	26	SE	SW		SAVAGE, NEAL	A31-00062C / 10.0	- /	40.0		
			SE	SW		SAVAGE, NEAL	A31-00063C / 19.0	- /			
			SE	SW		SAVAGE, NEAL W	A31-02389 / 21.0	31-02389 / 21.0			
			SE	SW		PETERSEN, DON	A31-10600 / 22.0	- /			
			SE	SW		SAVAGE, NEAL		31-00062L / 40.0			
			SE	SW		SAVAGE, NEAL		31-00063L / 40.0			
			SE	SW		HAMER CANAL CO.		31-02206 / 40.0			
			SE	SW		HAMER CANAL CO.		31-04002 /			
07N	36E	27	SW	SE		SAVAGE, NEAL	A31-00062C / 10.0	- /	38.0		
			SW	SE		SAVAGE, NEAL	A31-00063C / 10.0	- /			
			SW	SE		SAVAGE, NEAL	A31-00062M / 30.0	31-00062M / 30.0			
			SW	SE		SAVAGE, NEAL	R31-00062C / 30.0	- /			
			SW	SE		SAVAGE, NEAL	R31-00063C / 30.0	- /			
			SW	SE		SAVAGE, NEAL	A31-00063M / 30.0	31-00063M / 30.0			
			SW	SE		SAVAGE, NEAL		31-00062L / 10.0			
			SW	SE		SAVAGE, NEAL		31-00063L / 10.0			
07N	36E	27	SE	SE		SAVAGE, NEAL	A31-00062C / 10.0	- /	42.0		
			SE	SE		SAVAGE, NEAL	A31-00063C / 10.0	/			
			SE	SE		SAVAGE, NEAL W	A31-10437 /	- /			5.1
			SE	SE		SAVAGE, NEAL W	31-10437 /	- /			
			SE	SE		SAVAGE, NEAL	A31-00062M / 30.0	31-00062M / 30.0			
			SE	SE		SAVAGE, NEAL	R31-00062C / 30.0	- /			
			SE	SE		SAVAGE, NEAL	R31-00063C / 30.0	- /			
			SE	SE		SAVAGE, NEAL	A31-00063M / 30.0	31-00063M / 30.0			
			SE	SE		SAVAGE, NEAL		31-00062L / 10.0			
			SE	SE		SAVAGE, NEAL		31-00063L / 10.0			

ADDITIONAL POU FOUND

TOTAL ACRES	A31-00062C	68.00	150.00	6.4

POU COUNTY: JEFFERSON

See field inspection notes in file

C. IS WATER USAGE FOUND IN TRACTS OTHER THAN THOSE CLAIMED? Y(___) N(✓)

* IF YES, ARE THESE TRACTS LISTED ABOVE (___), OR ARE THEY LISTED ON AN ATTACHED SHEET (___)

LIST OF ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A31-00062C	GROUNDWATER	SAVAGE, NEAL	1.240	0.018		
R31-00062C	GROUNDWATER	SAVAGE, NEAL	0.740	0.012	147.00	2.45
A31-00062M	GROUNDWATER	SAVAGE, NEAL	0.740	0.012		
R31-00063C	GROUNDWATER	SAVAGE, NEAL	0.310	0.005	63.00	1.05
A31-00063C	GROUNDWATER	SAVAGE, NEAL	0.510	0.007		
A31-00063M	GROUNDWATER	SAVAGE, NEAL	0.310	0.005		
A31-02389	GROUNDWATER	SAVAGE, NEAL W	2.000	0.020		
A31-10600	GROUNDWATER	PETERSON, DON	1.620	0.020		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY			RATE	VOLUME
A31-10437	DOMESTIC	SAVAGE, NEAL W	FROM	01-01	TO 12-31	0.040 CFS	
A31-10437	STOCKWATER	SAVAGE, NEAL W	FROM	01-01	TO 12-31	0.030 CFS	
31-10437	DOMESTIC	SAVAGE, NEAL W	FROM	01-01	TO 12-31	0.040 CFS	
31-10437	STOCKWATER	SAVAGE, NEAL W	FROM	01-01	TO 12-31	0.030 CFS	

D. ARE OTHER WATER RIGHTS USED FOR THE SAME PURPOSE? Y(___) N(✓)

* IF YES, COMPLETE OVERLAP REVIEW:

OTHER RIGHTS LISTED IN CLAIM: 31-0063C.

E. IS THE CLAIMED POU THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(___) Y(___) N(✓)

* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN POU, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG 'C' WITH THE APPROPRIATE EXPLANATORY CODE.

F. CAN THE CLAIMED POU BE VERIFIED USING THE WATER RIGHT FILE AND AVAILABLE AERIAL PHOTOS? N/A(___) Y(✓) N(___)

G. SHOULD THE CLAIMED POU BE VERIFIED BY FIELD EXAM? Y(✓) N(___)

H. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE OF THIS RIGHT, OR ANY PORTION OF THIS RIGHT? Y(✓) N(

CHECK DOCUMENTS USED TO VERIFY POU: (✓) ORTHOPHOTOQUAD, IDWR NO. W41; (✓) TOPOGRAPHIC QUAD, IDWR NO. W41;
(✓) ~~GIS~~, IDWR NO. 1987 W41; ( ) ASCS PHOTO; (✓) OTHER Terraserver 1992

NOTES:

T 2403 authorized ~~only~~ development of 160 acres but only about 70 were developed. T 3394 removed 60 acres.

Actual developed pou not overlapped w/ other right from T3394 is recommended, 6.4 acres.

RECOMMENDATIONS:

TOTAL ACRES: 6.4 N/A(___)

REVIEWED BY: Bac DATE: 6/24/04

PURPOSE OF USE, PERIOD OF USE, DIVERSION RATE AND DIVERSION VOLUME REVIEW SHEET CLAIM NUMBER: A31-00062C

A. AJ CLAIMED USES:

	PURPOSE OF USE	PERIOD OF USE (MONTH/DAY)	DIV. RATE FOR EACH USE	DIV. VOL. FOR EACH USE
A31-00062C	IRRIGATION	FROM 04-01 TO 11-01	1.240 CFS	
		TOTAL DIVERSION RATE/VOLUME	1.240 CFS	

B. WR RECORDED USES:

PURPOSE OF USE	PERIOD OF USE (MONTH/DAY)	DIV. RATE FOR EACH USE	DIV. VOL. FOR EACH USE
	TOTAL DIVERSION RATE/VOLUME		

C. DOES THE CLAIMED PURPOSE OF USE CORRECTLY DESCRIBE THE WATER USE? Y(✓) N(___)

D. IS THE CLAIMED PURPOSE OF USE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(___) Y(✓) N(___)

* IF NO, AND IF THE ACTUAL WATER USE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN PURPOSE OF USE, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

E. SHOULD THE CLAIMED PURPOSE OF USE BE VERIFIED BY FIELD EXAM? Y(___) N(✓)

F. DOES THE CLAIMED PERIOD OF USE CONFORM TO IDWR STANDARDS? Y(___) N(✓)

G. SHOULD THE PERIOD OF USE BE RECOMMENDED TO IDWR STANDARDS? Y(___) N(✓)

* IF THE RECOMMENDED PERIOD OF USE IS DIFFERENT THAN IDWR STANDARDS, EXPLAIN IN NOTES BELOW.

H. IS THE CLAIMED DIVERSION RATE FOR EACH USE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(___) Y(✓) N(___)

* IF NO, DESCRIBE IN NOTES BELOW HOW THE RECOMMENDED DIVERSION RATE FOR EACH USE WAS DETERMINED.

I. SHOULD THE CLAIMED DIVERSION RATE FOR EACH USE BE VERIFIED BY FIELD EXAM? N/A(___) Y(___) N(✓)

J. IS THE CLAIMED DIVERSION VOLUME FOR EACH USE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(✓) Y(___) N(___)

* IF NO, DESCRIBE IN NOTES BELOW HOW THE RECOMMENDED DIVERSION VOLUME FOR EACH USE WAS DETERMINED.

K. SHOULD THE CLAIMED DIVERSION VOLUME FOR EACH USE BE VERIFIED BY FIELD EXAM? N/A(✓) Y(___) N(___)

PURPOSE OF USE, PERIOD OF USE, DIVERSION RATE AND DIVERSION VOLUME REVIEW SHEET CONTINUED

CLAIM NUMBER: A31-00062C

NOTES: Period of use 5/1 - 9/1 per T 2403. Add remark USE 502

DIVERSION AMOUNT REVIEW SHEET

CLAIM NUMBER: A31-00062C

AJ CLAIM TOTAL DIVERSION RATE: 1.240 CFS

WR ROOT RIGHT TOTAL DIVERSION RATE: CFS

A. IS THE CLAIMED TOTAL DIVERSION RATE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A(___) Y(✓) N(___)

B. CAN THE CLAIMED TOTAL DIVERSION RATE BE VERIFIED USING THE WATER RIGHT FILE? N/A(___) Y(✓) N(___)

* ALL CLAIMS BASED ON BENEFICIAL USE (INCLUDING POSTED NOTICES AND STATUTORY CLAIMS) REQUIRE A FLOW MEASUREMENT.

C. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE OF THIS RIGHT, OR ANY PORTION OF THE DIVERSION RATE? Y(___) N(✓)

* IF AN AMOUNT SMALLER THAN THE ORIGINAL DIVERSION RATE IS CLAIMED AND A FIELD EXAM IS NOT REQUIRED, EXPLAIN IN NOTES.

D. SHOULD THE CLAIMED DIVERSION RATE BE VERIFIED BY FIELD EXAM? Y(___) N(✓)

E. FLOW MEASUREMENT

MEASUREMENT METHOD _____, SEE ATTACHED CALCULATIONS.

F. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 6.4 x 0.02 CFS/ACRE = 0.128 CFS
(Taken from pou review)

1b. CALCULATIONS

IS A DIVERSION RATE PER ACRE GREATER THAN 0.02 CFS/ACRE CLAIMED? Y(✓) N(___)

IF YES, IS AN ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y(___) N(✓)

See memo / analysis in file. Recommend 1.24 per T2403

2. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES 6.4 x DIVERSION VOL. AF/A FOR AREA 3.5 = 22.4

TOTAL DIVERSION VOLUME _____ AF/A

3. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 170.0 AF/A

ACRES _____ x CONSUMPTIVE VOL. AF/A FOR AREA _____ =

TOTAL CONSUMPTIVE USE _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION: SEE BELOW (___) OR SEE ATTACHMENT (___)

NOTES: Volume of 22.4 allocated to two rights as follows:

31-00062C $22.4 \times \frac{1.24}{1.75} = 15.9$

31-00063C [redacted] $22.4 - 15.9 = 6.5$

WR RECORD CONDITIONS/REMARKS: See file for calculation of combined div. volume limitation per period

RECOMMENDATIONS REVIEW SHEET

13
CLAIM NUMBER: A31-00062C

RECOMMENDATIONS: CHECK HERE IF RECOMMENDED AS CLAIMED (___)

REC. PURPOSE OF USE	REC. PERIOD FROM	REC. PERIOD TO	REC. DIV RATE CFS DATABASE	REC. DIV RATE CFS EXAMINER	REC. DIV VOL. AF/A DATABASE	REC. DIV VOL. AF/A EXAMINER	REC. CONS. USE DATABASE	REC. CONS. USE EXAMINER
IRRIGATION	~~04-01~~ 5/1	~~11-01~~ 9/1	1.240			15.9	170.0	
TOTAL FOR THIS RIGHT								

NON-IRRIGATION USES CLAIMED:

NON-IRRIGATION USES RECOMMENDED: CHECK HERE IF RECOMMENDED AS CLAIMED (___)

REVIEWED BY: BaC DATE: 6/21/00

FLAG:

STANDARD CONDITIONS (CODE):

C18 USE 502

STANDARD REMARKS (CODE):

QNT This right & 31-00063C limited to 5.33 af/21 days.

EXPLANATORY CONDITIONS (CODE):

EXPLANATORY REMARKS (CODE):

A. CHECK ONLY THE FOLLOWING THAT APPLY:

	ACCEPTED AS CLAIMED	NEEDS REVIEW
OWNERSHIP	(✓)	( )
FORFEIT/ABANDON	(✓)	( )
ADDITIONAL DIV. AMOUNT	( )	( )

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 31-00062

TOTAL DIVERSION RATE OF WR SPLITS — DATABASE: 21.200 — EXAMINER: _____ — CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
31-000625	A31-00062A	4.030	R31-00062A	4.030	31-00062E	2.690
-	A31-00062C	1.240	R31-00062C	0.740	31-00062K	4.030
-	A31-00062F	2.690	R31-00062K	1.740	31-00062L	1.240
-	A31-00062J	1.610	R31-00062N	2.120	31-00062M	0.740
-	A31-00062K	3.160	R31-00062P	0.710	31-00062N	2.120
-	A31-00062L	1.540	R31-00062Q	0.540	31-00062P	0.710
-	A31-00062M	0.740	R31-000625	1.410	31-00062W	5.600
-	A31-00062N	2.120	-		31-00062R	1.610
-	A31-00062P	0.710	-		31-000625	1.670
-	A31-00062Q	0.550	-		31-00062T	0.590
-	A31-000625	0.590	-		-	
-	A31-00062T	0.590	-		-	
-	A31-00062U	1.870	-		-	
	TOTAL CFS	21.480		11.290		31.200

DIVERSION RATE REVIEW

	DATABASE	FIELD EXAMINER
DO THE SUM CFS RATE OF THE SPLITS EQUAL THE ROOT RIGHT CFS RATE? (Y/N)	N	
IF NO, IS THE WRITTEN REVIEW DESCRIBED BELOW (___) OR SEE ATTACHMENT (___)?		Y(___) N(___)

NOTES:

See 31-00062A Ca split history.

AUTHENTICATION:

SIGNATURE: Bryce A. Contor DATE: 2/21/00

NAME OF FIELD EXAMINER: Bryce A Contor TITLE: SWA

Other attachments to file:

Split History		2/17/2000	4 pages
WR profile report	31-000622	2/18/00	1 page

LIST OF MAPS USED AND ATTACHMENTS

16

CLAIM NUMBER: A81-000620

MAPS AND AERIAL PHOTOGRAPHS USED TO REVIEW THIS NOTICE OF CLAIM TO A WATER RIGHT

TYPE OF MAP OR PHOTOGRAPH (CHECK IF USED)	IF USED, SUPPLY APPROPRIATE DATE AND OTHER INFORMATION	COPY INCLUDED IN FILE?
( ) ORTHOPHOTOQUAD	DATE OF PHOTO _____ IDWR ID NO. _____	Y(___) N(___)
( ) TOPOGRAPHIC	DATE FIELD CHECKED _____ IDWR ID NO. _____	Y(___) N(___)
( ) NAPP	DATE OF PHOTO _____ IDWR ID NO. _____	Y(___) N(___)
( ) ASCS AERIAL PHOTO	DATE OF PHOTO _____	Y(___) N(___)
( ) ASCS COLOR SLIDE	DATE OF PHOTO _____	Y(___) N(___)
( ) BLM OR USES AERIAL PHOTO	DATE OF PHOTO _____	Y(___) N(___)
( ) TOWNSHIP SURVEY (GOVERNMENT PLAT)	DATE OF SURVEY _____	Y(___) N(___)
( ) SCS SOIL SURVEY MAP	DATE ISSUED _____	Y(___) N(___)
( ) SUBDIVISION PLAT MAP	DATE OF MAP _____	Y(___) N(___)
(✓) OTHER GIS	DATE 6/2000 2 sheets	Y(✓) N(___)
( ) OTHER _____	DATE _____	Y(___) N(___)
( ) OTHER _____	DATE _____	Y(___) N(___)

LIST OF ATTACHMENTS (CHECK IF ATTACHED)	IF ATTACHED, SUPPLY APPROPRIATE INFORMATION		NO. OF PAGES	NOTES
( ) LICENSING FIELD EXAM	DATE OF FIELD EXAM	_____	_____	_____
( ) WATER RIGHT LICENSE	DATE LICENSE SIGNED	_____	_____	_____
(✓) IDWR APPROVED TRANSFER 2403, 3394	DATE TRANSFER APPROVED	1980, 1988	7, 9	_____
( ) SYSTEM DESCRIPTION	DATE DRAWN	_____	_____	_____
( ) PHOTOGRAPHS	DATE(S) PHOTOS TAKEN	_____	_____	_____
(✓) SPLIT RIGHT REVIEW 3/14/2000	DATE REVIEW COMPLETED	_____	5	_____
( ) HUBBLE ANALYSIS	DATE ANALYSIS COMPLETED	_____	_____	_____
( ) CONVEYANCE LOSS ANALYSIS	DATE ANALYSIS COMPLETED	_____	_____	_____
( ) FLOW MEASUREMENT CALCULATIONS	DATE SYSTEM MEASURED	_____	_____	_____
(✓) OTHER Diversion rate memo	DATE 6/21/2000	Summary	7	includes maps/GIS
(✓) OTHER Diversion rate memo - this WR	DATE 6/21/00	_____	15	includes maps, soils data, 1980 analysis

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

08:40:08
06/20/00

QUICKLOOK INFORMATION

17
CLAIM NUMBER: A01-00062C

WR ELEMENT	DATA DISCREPANCY Y/N	CORRESPONDANCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	ELEMENT DOCUMENTED WHOM/DATE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE	Y				CVK BAC 6/21/00			
POINT OF DIV	Y							
SOURCE	Y							
PLACE OF USE	Y							
DIV. AMOUNT CFS/VOLUME	Y							
CONSUMPTIVE USE	-							
PURPOSES OF USE	Y							
PERIOD OF USE	Y							
BASIS OF CLAIM	Y							
REMARKS	Y							

BARCODE UPDATED
WHOM/DATE

State of Idaho
DEPARTMENT OF WATER RESOURCES
900 N. Skyline Dr., Suite A, Idaho Falls, Idaho 83402-1718 - (208) 525-7161- Fax (208) 525-7177

EASTERN REGION

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

March 12, 2001

Aaron Savage
HC 69 Box 1130
Hamer, Idaho 83425

Re: Enlargement Claim 31-11665

Dear Mr. Savage:

Enclosed is a copy of the enlargement claim needed to add the flood-irrigated corner west of the freeway. Please look it over carefully and return with a notarized signature and a check of $104.50. If I receive it by Friday, March 16, I can make a recommendation to include in the Directors Report to the court in early April.

Also, when we visited the other day, I forgot to ask that you send the original of the LaMoyne Barney affidavit for Diane's claim. I have gone ahead and prepared the claim for her, but to make a recommendation I really need the original document and not just a faxed copy.

Please call me at the office (525-7161) or at home (663-4853) if you have questions.

Thank you,

Bryce A. Contor
Senior Water Resource Agent

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

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

CIVIL CASE NUMBER: 39576

Ident. Number 31-11665
Date Received: 3/9/01
Receipt No:
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

AARON SAVAGE Phone: (208)662-5475

HC 69 BOX 1130
HAMER ID USA 83425

2. Date of Priority: 09/04/1980

3. Source: GROUND WATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
07N	36E	27	NE SE SE	JEFFERSON	

5. Description of diverting works:

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	04/01	10/31	1.75	

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

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4 Lot	Use	Acres
07N	36E	34	NE NW	IRRIGATION	4.5
				Section Acres	4.5
				Total Acres	4.5

11. Place of use in counties: JEFFERSON

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

13. Other Water Rights Used:

14. Remarks:

THIS IS AN ENLARGEMENT OF LICENSE 31-62C FOR IRRIGATION OF A PIVOT CORNER.

PRIORITY DATE IS FROM 1980 AERIAL PHOTO (ATTACHED).

DIVERTED FROM SAME WELL AS 31-62C AND 31-63C. THIS LAND AND WR NOW OWNED BY AARON SAVAGE, 31-62C AND 31-63C OWNED BY BONNIE SAVAGE. BOTH BELONGED TO NEAL SAVAGE WHEN THIS USE WAS DEVELOPED.

Claim given "temporary" database status pending return of signed claim. Fee $ 104.50.

15. Basis of Claim: Beneficial Use

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: 1980 aerial photograph.

For Individuals:

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

Signature of Claimant(s): _____ Date: _____

_____ Date: _____

State of Idaho)
) SS.
County of _____)

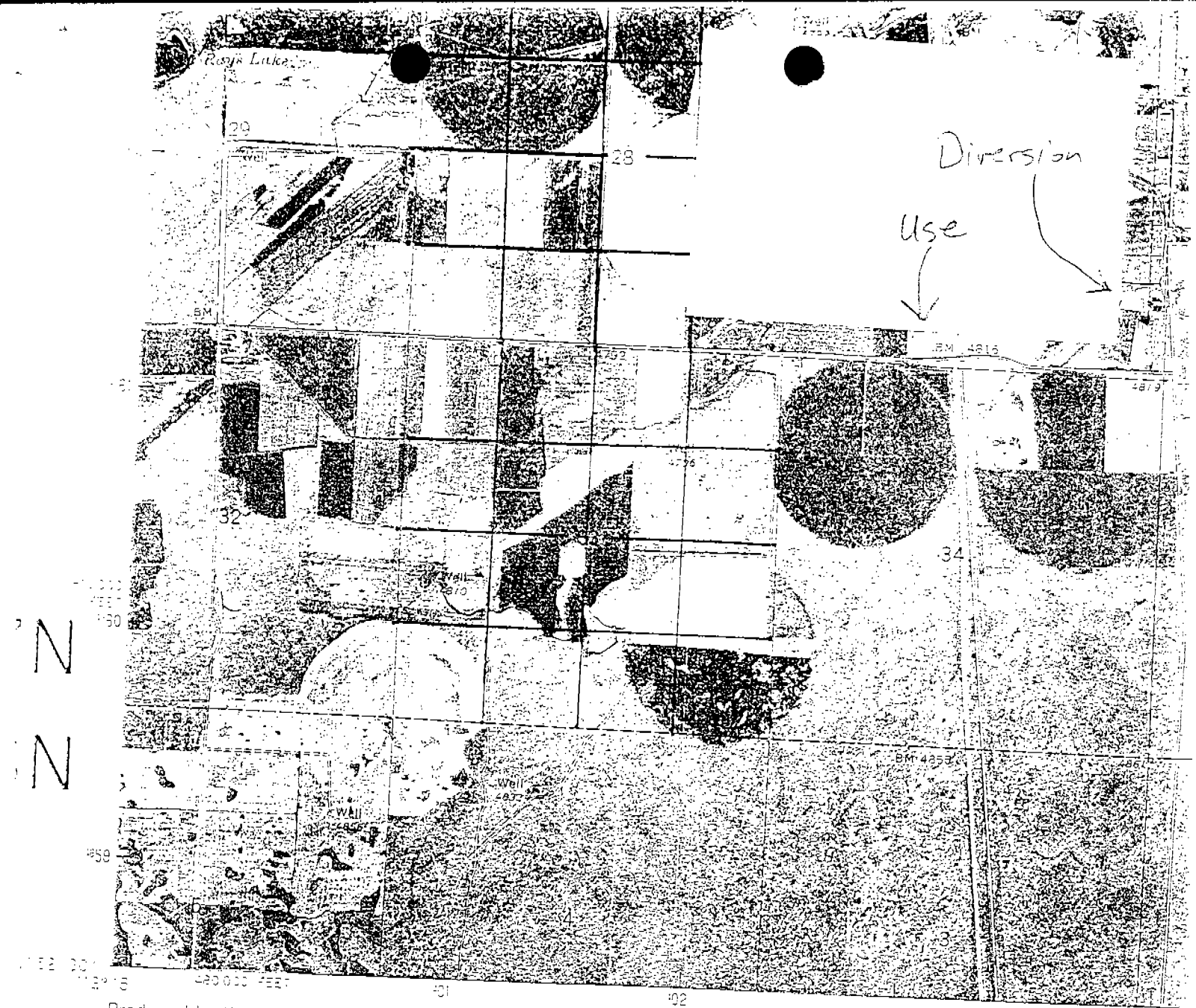
Subscribed and sworn (or affirmed) before me this _____ day

of _____ 20__ _____

Notary Public

Residing at _____

My commission Expires _____



Produced by the Geological Survey
in cooperation with the Soil Conservation Service

Orthophotograph prepared from 1:80,000-scale aerial photographs taken September 4, 1980

Projection and 10,000-foot grid ticks
Idaho coordinate system, east zone
(transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks,
zone 12, 1927 North American datum

Photoimagery rectified by optical scanning
Where double or mismatched image occurs use the mean of image position for map point

Claim 45-11665
NW W 41

...e Department of Water Resources pursuant to ...ding notices of claims and objections in the Snake ...ver express or implied, is made and no legal ...ponsibility is assumed by the United States Government, its agents, contractors, and reproduction ...pany Co., Inc., or its employees for the accuracy, ...ion set forth on this map.

Copies Of Thes
At Ranger

01/25/2001

NOTICE OF ERROR
REPLY

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

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

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

Water right number: 31-63C + 62C

NEAL W SAVAGE
HC 69 BOX 1110
HAMER ID 83425
Telephone Number: (208)662-5241

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

2. Describe the changes you wish to make in the proposed recommendation:
Should include lands in section 26

3. Give a brief explanation as to why you disagree with these portions:
See Transfer 1982 2403

____ **I AGREE with this proposed recommendation: no changes need to be made.**

DATE: 3/9/01 **SIGNATURE:** Bonnie Savage

Please print your name: _____

IDWR Regional Office, 2735 Airport Wy, Boise, ID 83705, 2083342190

Documentation in file indicates irrigation was never developed. Recommendation includes all lands that appear to have been developed, minus all avail. cfs after transfer which split off 31-62M, 31-63M

95

Bac 3/12/01

To: A31-00062C
A31-00063C
Fr: Bryce Contor
Date: 7/24/2000

Re: Excessive Diversion Rate

Candice McHugh called today, she has discussed these claims and excessive diversion rate with Susan Hamlin.

Their conclusion is that we can recommend the excessive diversion rate provided we have a short-term and a season-long volume limitation that prevents diversion of more volume than would be recommended under standard guidelines.

We discussed the fact that the potential for injury posed by this recommendation would be a well interference issue. The injured have had an opportunity to assert injury in the initial early 1980's transfer, in the 1988 transfer, and subsequently they have had opportunity to assert injury. The objection process will afford another opportunity to assert injury.

Contor, Bryce

From: Contor, Bryce
Sent: Thursday, June 29, 2000 3:35 PM
To: McHugh, Candice
Cc: Music, Vicky; Heaton, Steve
Subject: Excessive Diversion Rate, a31-00062C/63C, NWMD 300262

I was able to get more power data and calculate 5 years of approximate diversion volume. The standard 3.5 acre feet/acre/year limitation for this well would be 6.4 X 3.5 = 22.4 acre feet. The attached spreadsheet shows that most years, this diversion exceeded this volume.

I will still plan to include the 3.5 afa limitation if I recommend excessive diversion rate, but I don't have the comfort factor of believing that actual practice is within this limitation. I did have that comfort margin in the other situations we talked about earlier this year.

Note that actual POU for this well is about 8 to 10 acres, but even then it appears most years have exceeded 3.5 afa.

Note to Steve: The NWMD estimated PCC was calculated from map values of well and water table elevation. The AJ estimated PCC was calculated by taking the measurement from Savage's nearby "house well" and calculating a value for pumping water level and friction. Then those values were used in the theoretical calculation of PCC, instead of map values.



31-00062C.xls

Summary of Annual Diversion Volumes at Neal Savage "Home Place" well per UPL power records obtained from IDWR Allocations Bureau

AJ Claims A31-00062C/63C
North Water Meas. Dist record 300262

NWMD estimated PCC	49.5
AJ calculated PCC	130.6

Year	KWH	Acre ft @ NWMD PCC	Acre ft @ AJ PCC
1995	11520	233	88
1996	13080	264	100
1997	7170	145	55
1998	5532	112	42
1999	2412	49	18

To: A31-00062M/63M
Fr: Bryce Contor
Date: 6/21/2000

Re: Field Inspection

Yesterday I drove by the south side of the SW quarter of 7N 36E 26.

1. No evidence seen of either ditches or sprinkler systems on any of the POU south of the remnants of the Hamer Canal.

2. No evidence seen that POU has been tilled or farmed in recent years. West pasture has been grazed close and a good crop of Kochia weeds may look like a planted crop in photos. Lava rocks scattered on surface.

3. Letters "A," "B," and "C" on attached layout are locations from which photos were taken. Numbers identify individual photos and arrows show approximate direction of view.

4) Attached 1980 NAPP, 1987 NAPP/GIS, 1992 Terrasever photo, indicate no evidence this transfer was ever developed

5) Attached USGS topo confirms field obs. that land slopes toward ditch, indicating impossibility of historical flood irr. fr. Hamer Ditch.

A31-00062C/63C Field Inspection 6/20/2000
Photos taken by B. Contor. See attached location map.

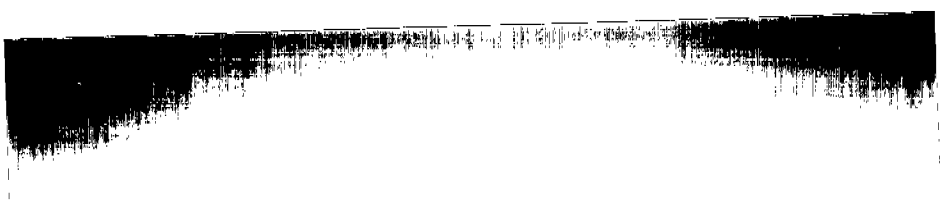
Location A
Photo 1

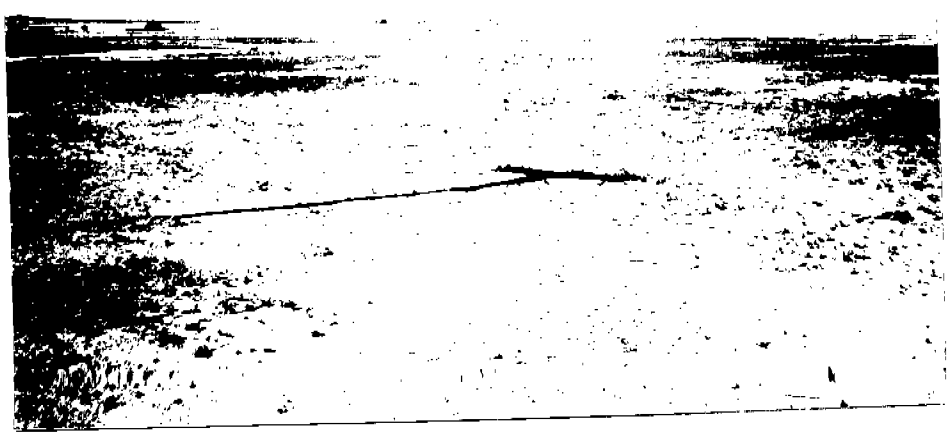
Looking N at pasture. Green growth is Kochia weed, not a planted crop.



Location A
Photo 2

Looking NE at pasture

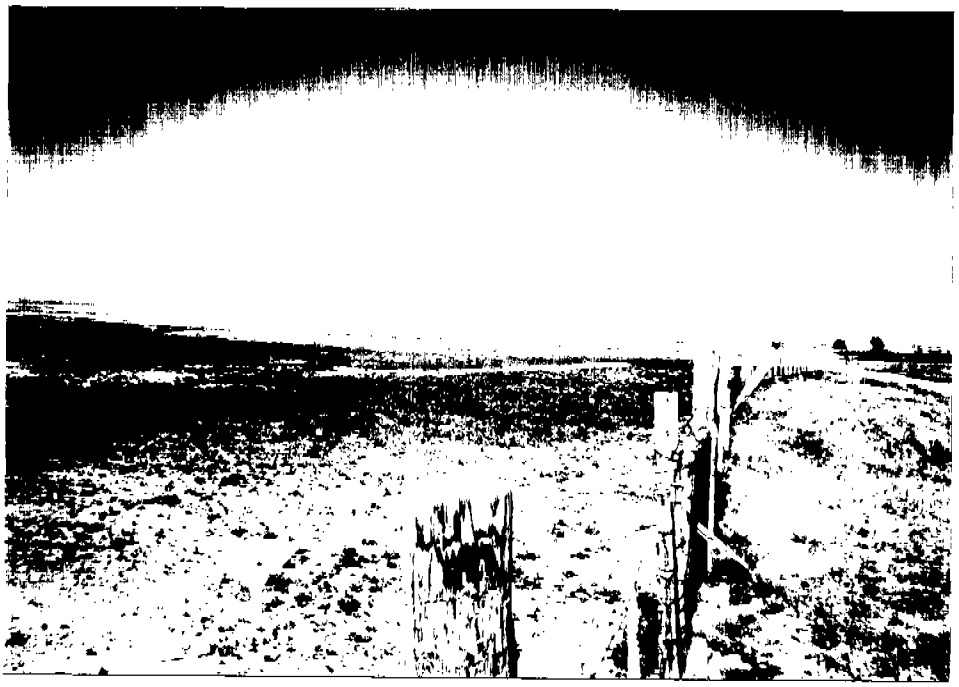




Photos taken by B. Contor. See attached location map.

Location A
Photo 3

Looking East along south pasture fence



Location B
Photo 4

Looking North North-West



Photos taken by B. Contor. See attached location map.

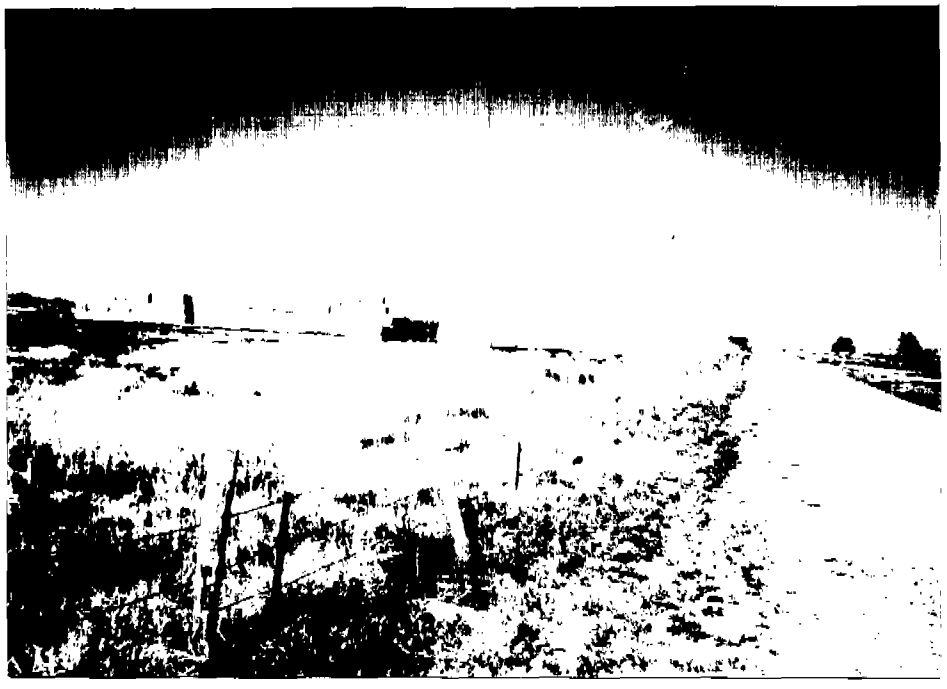
Location B
Photo 5

Looking North North-East



Location B
Photo 6

Looking East along South fence



Photos taken by B. Contor. See attached location map.

Location C
Photo 7

Looking North West



Copy B
1950 NAPP
for Brent

Location C
Photo 8

Looking North



Photos taken by B. Contor. See attached location map.

Location C
Photo 9

Looking North East



Aaron and Neal Savage POU

Approximate POU from NWMD exams,
Locations of Photos 6/20/2000



31-00062N/63N, T3029 and T4780
31-00062C/63C/62M/63M, T2403, T3394
Licenses 31-02389, 31-02392, 31-07117
NWMD Approximate 1997 POU
Sections
Quarter-quarter Sections

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Prepared 6/2000 by B. Contor



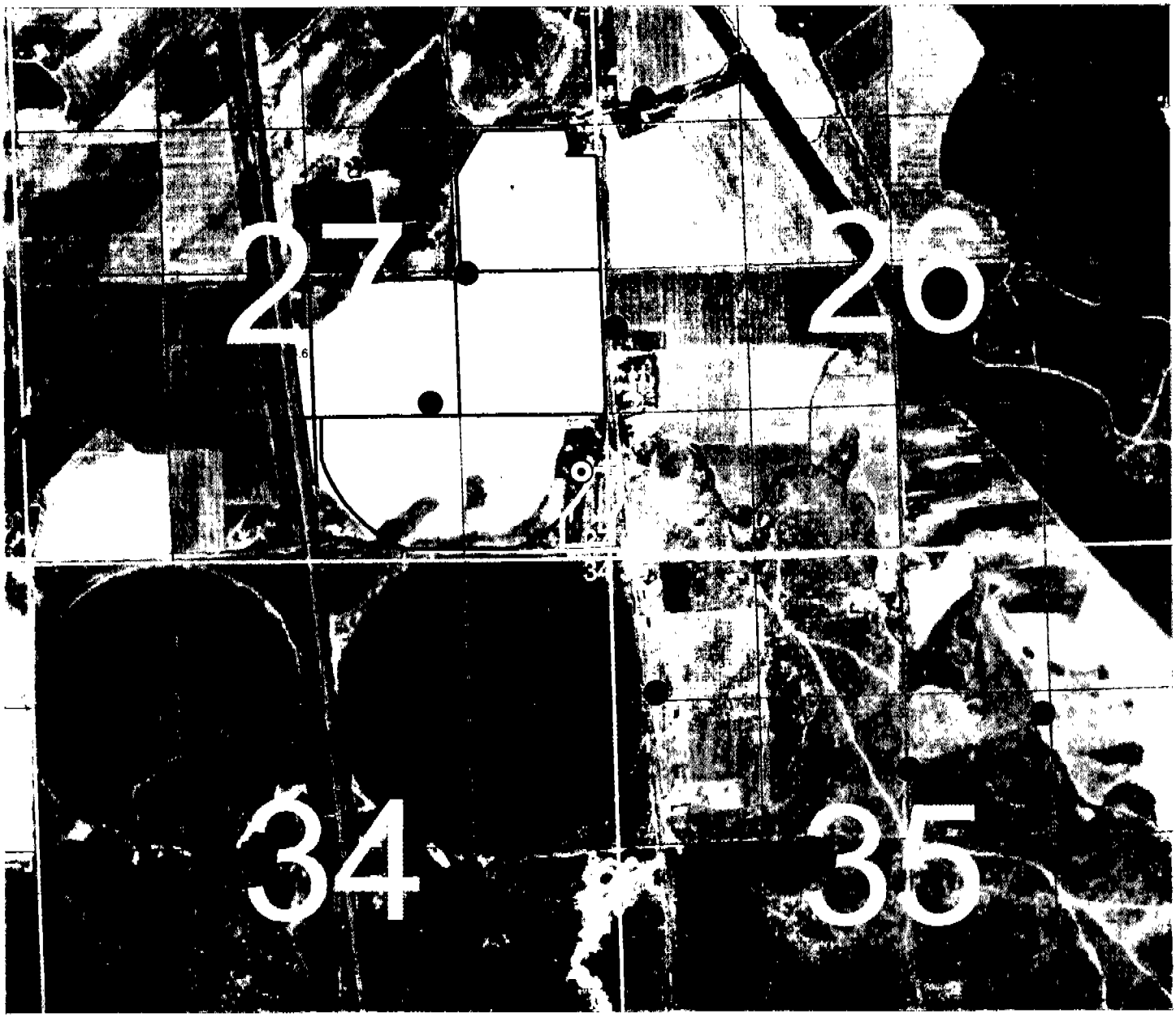
****
Claim A31-00062C / 63C
Doc Source W41 NAPP 9/4/1980
Date 6/20/00 Sig. B. Costa

W 41 9/4/1980

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062C, 31-00063C

Township 7N Range 35E Section 27



- Point of Diversion - This Water Right
- Point of Diversion - Other Water Rights
- Place of Use - This WR
- Place of Use - Other WR
- Sections
- Quarter-quarter Sections

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GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

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USGS Topo Map
01 Jul 1977

3 km S of Hamer, Idaho, United States 26 Jul 1992

Zoom

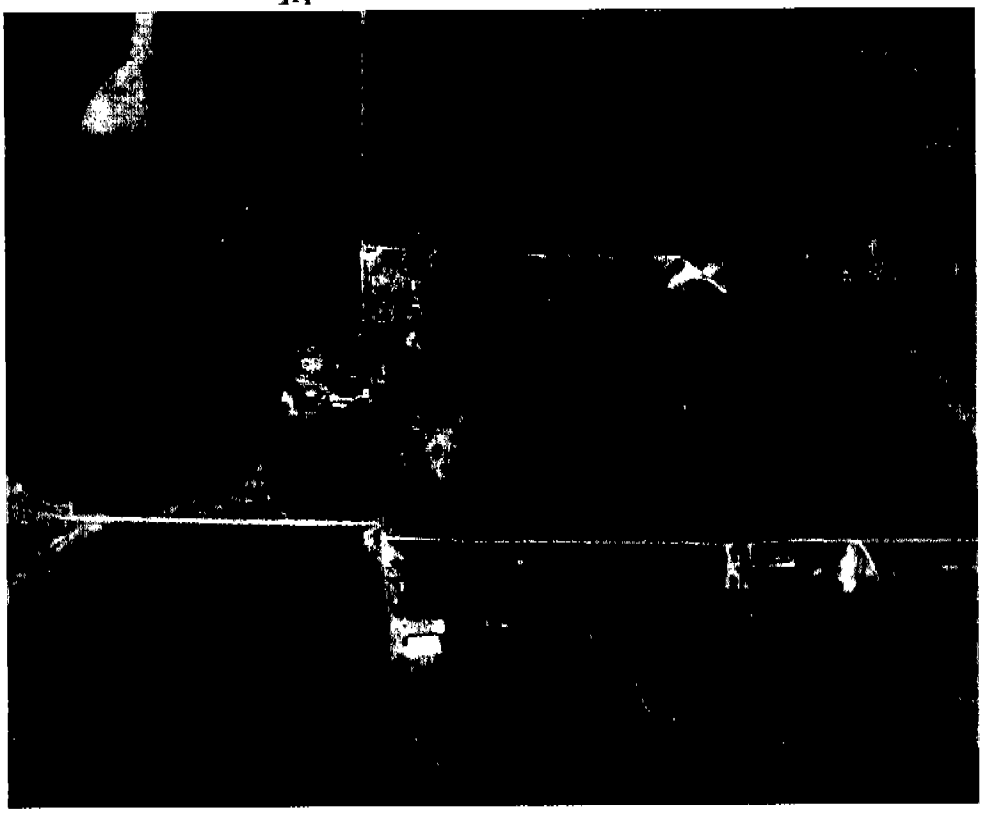


Image courtesy of the US Geological Survey.

OrigMetaTag = '4311207SW' Center Lon,Lat= -112.19036,43.89771 Running Time 430 ms Time 6/20/00 7:27:01 AM

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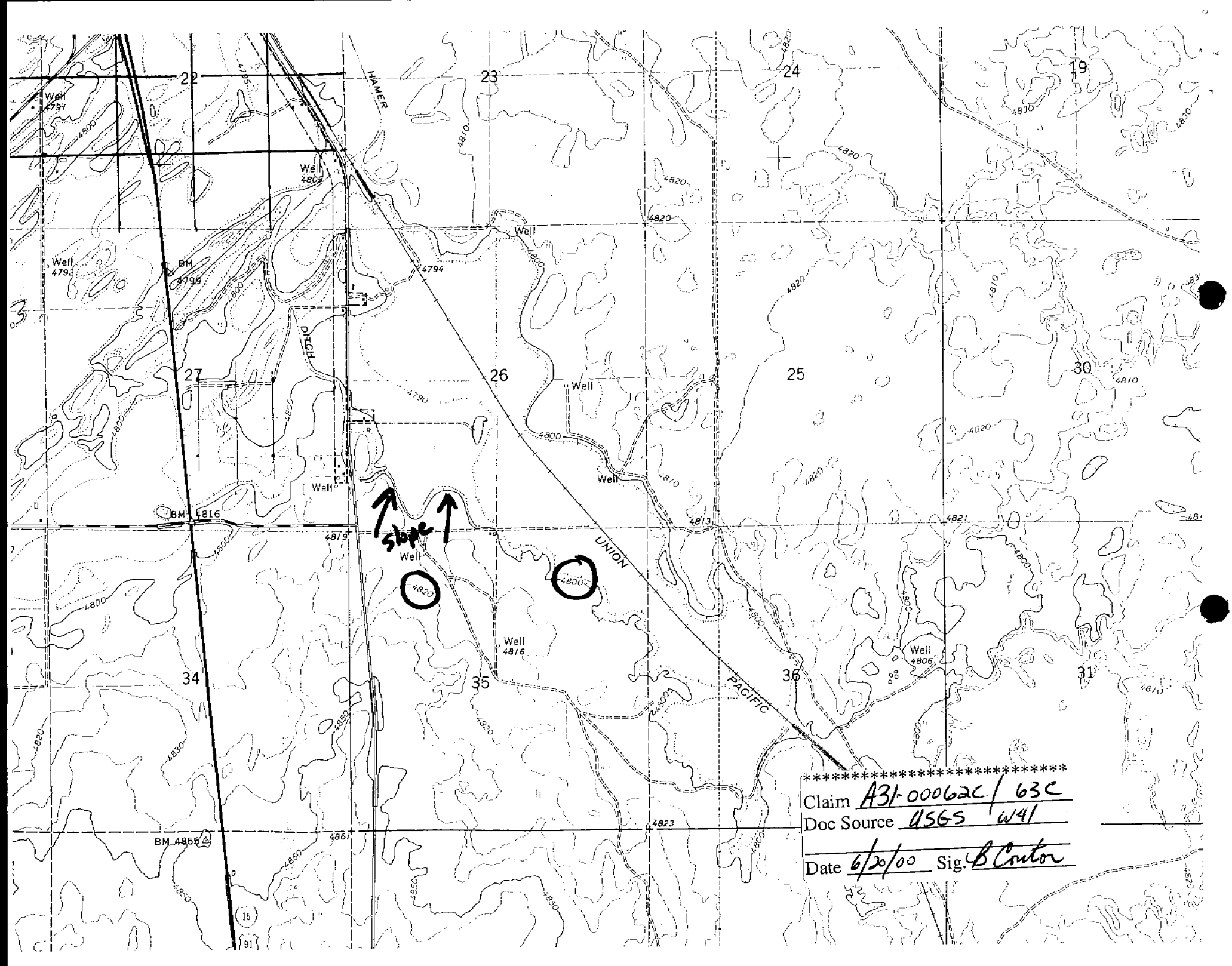
Other Links:

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Faster connections & fewer busy signals
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For women only (no men allowed)...
More...

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Claim A31-00062C / 63C
Doc Source USGS W41
Date 6/20/00 Sig. B Coulton

Contor, Bryce

From: Contor, Bryce
Sent: Monday, June 26, 2000 7:19 AM
To: McHugh, Candice
Cc: Carlsen, Ernie; Music, Vicky
Subject: excessive diversion rate

Yes, I was planning to have a season vol. limitation as well as the three-week. For the season vol. I planned to use the standard IDWR volume per the map.

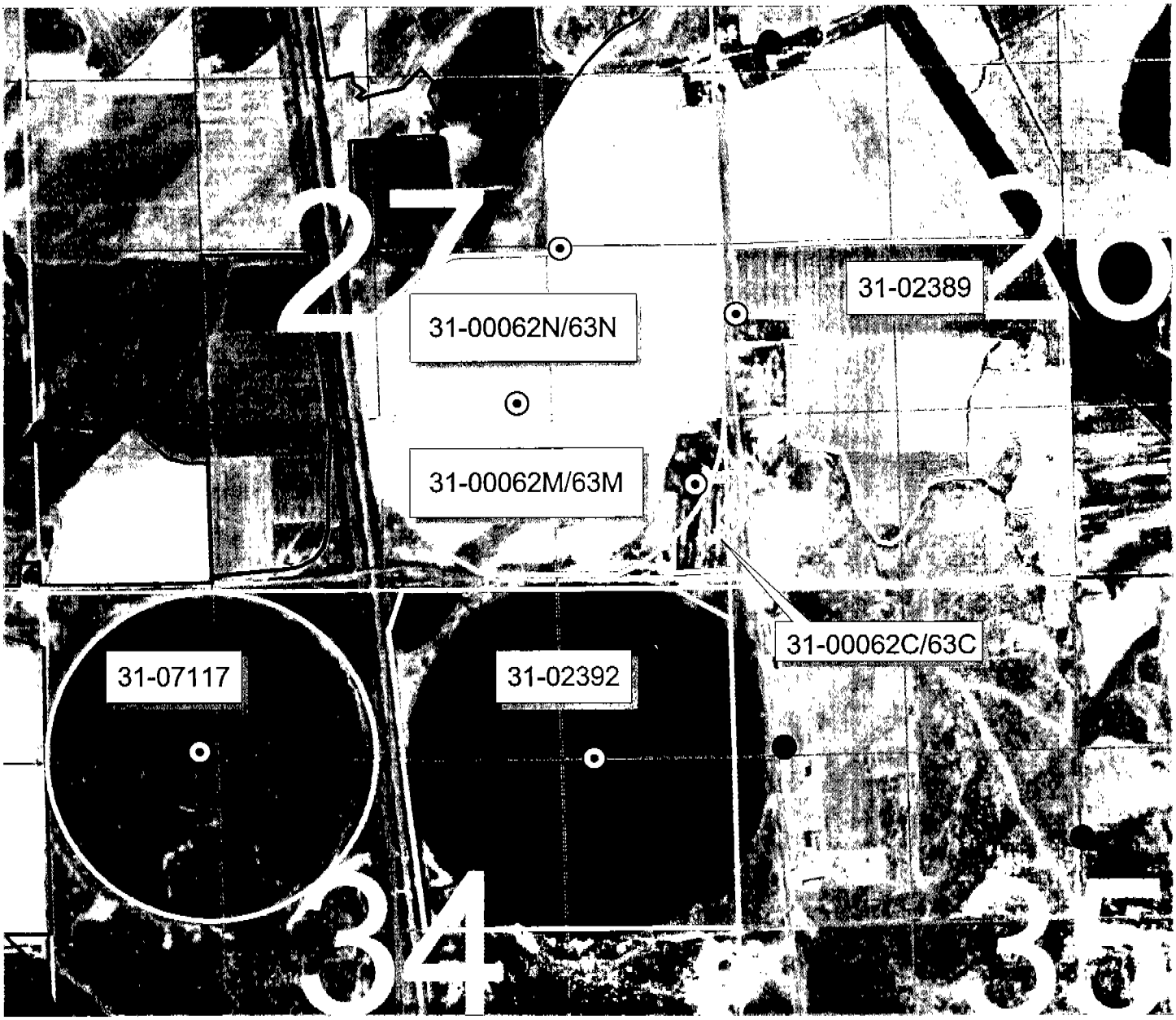
Sorry I didn't make this clear.

I'll still call you. This morning I stumbled upon a difference between this situation and the other two. With the other two, I have data indicating actual annual volume is within the standard limit. Water Measurement District records for 1998 indicate that this diversion (31-00062C/63C) delivered about 5 or 6 acre feet/acre (std for this area is 3.5).

IDAHO DEPARTMENT OF WATER RESOURCES

Summary of Aaron and Neal Savage Recommendations

Township 7N Range 36E



GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

Contor, Bryce

From: Contor, Bryce
Sent: Wednesday, June 21, 2000 3:01 PM
To: McHugh, Candice
Cc: Carlsen, Ernie
Subject: RE: Excessive Diversion Rate

Whatever.

This one is about 2 miles south of the others. The only real difference I see between this and the other two, this one also has a formal transfer pointing to the diversion rate historically used.

One path would be to recommend the long-standing historical practice, and let the injured, if any, object. This is what I understood we decided to do with the other two, and I was trying to maintain consistency.

The other path would be to recommend a rate appropriate to a sprinkler system, with the understanding that at some point we will likely have to take enforcement action to make the claimant change the physical diversion and delivery system.

Whichever we do, I strongly believe the three situations ought to be treated the same.

-----Original Message-----
From: McHugh, Candice
Sent: Wednesday, June 21, 2000 1:51 PM
To: Contor, Bryce; Carlsen, Ernie
Subject: RE: Excessive Diversion Rate

I'm a little lost in the conversation however, if you are going to reduce the claim from 100 acres to 6.4 how are you letting a "sleeping dog lie?" Thus, we may as well reduce the rate to a rate that makes sense for 6.4 acres. I'm simply not sure what rate should be recommended. Is border irrigation a common practice in this area? When I spoke with Dave T. before he really wanted to make sure that if we recommend excessive diversion rates that we have very solid reasons for doing so -- like the other two we discussed before.

Candice

-----Original Message-----
From: Contor, Bryce
Sent: Wednesday, June 21, 2000 1:14 PM
To: Carlsen, Ernie
Cc: McHugh, Candice
Subject: RE: Excessive Diversion Rate

1) Pre-1988 capacity is unknown, but I could find out. The 1988 transfer appears to accept the nominal 2.80 cfs capacity, however.

2) Yes, if we limit to 5.33 acre feet in a three-week period, it is true that the user cannot divert 5.33 acre feet in every three week period without exceeding season volume. On the other hand, if we recommend 0.02/acre without the limitation, the user could divert 5.33 acre feet in any given three week period, and if he did that in every three week period, he could divert far in excess of the season volume limitation.

So my view of the 5.33 limitation per three weeks, is that it is

Contor, Bryce

From: Contor, Bryce
Sent: Wednesday, June 21, 2000 1:14 PM
To: Carlsen, Ernie
Cc: McHugh, Candice
Subject: RE: Excessive Diversion Rate

1) Pre-1988 capacity is unknown, but I could find out. The 1988 transfer appears to accept the nominal 2.80 cfs capacity, however.

2) Yes, if we limit to 5.33 acre feet in a three-week period, it is true that the user cannot divert 5.33 acre feet in every three week period without exceeding season volume. On the other hand, if we recommend 0.02/acre without the limitation, the user could divert 5.33 acre feet in any given three week period, and if he did that in every three week period, he could divert far in excess of the season volume limitation.

So my view of the 5.33 limitation per three weeks, is that it is equally liberal (and equally restrictive) as the "standard" 0.02/acre rate.

3) There is some minimum diversion rate, below which border irrigation cannot occur. The 1980 diversion rate analysis in the transfer file notes "soils require large unit streams because of intake rate of surface soils" and "border widths and lenghts should be adjusted to correspond with allowable stream size." As long as acreage is in a typical range, the borders can be adjusted to use the allowable stream. But there is an acreage below which the "allowable" stream size is too small to water even the smallest possible border.

In other words, there is a minimum requried flow to make border irr. work, regardless of acreage. Is it 1.75? I dunno. Surely it is above 1.0 cfs.

The 1.75 came from an assessment that it represented reasonable historical beneficial use, not necessarily that it was the bare minimum req. Same logic as the other two, except this one has the added strength of having a post-87 formal transfer suggesting this same div. rate.

On the other hand, we could recommend 0.13 cfs and this would be an adequate rate for sprinkler irrigation. At some point, the user may then have to convert his system to stay in compliance.

4) I'm already reducing this claim from 100 acres to 6.4, with good reason. That's going to cause enough grief.

On the theory of "letting sleeping dogs lie," I'm reluctant to tamper with a long-standing diversion rate without good reason.

-----Original Message-----
From: Carlsen, Ernie
Sent: Wednesday, June 21, 2000 12:51 PM
To: Contor, Bryce
Cc: McHugh, Candice
Subject: RE: Excessive Diversion Rate

Bryce, I have a couple of thoughts concerning this recommendation. First, do you know the capacity of the well prior to the 1988 transfer? If the well was producing 1.75 cfs prior to the transfer then moving 1.05 cfs to a different well means the 1.75 cfs has to reduce to at least .70 cfs. Second, for 6.4 acres the annual diversion volume limit is 19.2

AF. 5.33 AF every three weeks equates to over 50 AF throughout the irrigation season. In making a recommendation we need to balance system capacity with beneficial use. Can we demonstrate that diverting 1.75 cfs and 5.33 AF every three weeks is required for adequate irrigation of 6.4 acres?
Ernie

-----Original Message-----
From: Contor, Bryce
Sent: Wednesday, June 21, 2000 10:20 AM
To: Contor, Bryce; McHugh, Candice
Cc: Music, Vicky; Carlsen, Ernie
Subject: RE: Excessive Diversion Rate

P.S. The AJ claim numbers don't parallel the WR splits -- these are claims A31-00062C and A31-00063C. The 1.05 cfs pulled off by T3394 are represented by WR 31-00062M/63M and claims A31-00062M/63M.

-----Original Message-----
From: Contor, Bryce
Sent: Wednesday, June 21, 2000 10:19 AM
To: McHugh, Candice
Cc: Music, Vicky; Carlsen, Ernie
Subject: Excessive Diversion Rate

I have another claim for border irrigation of a small acreage which I plan to recommend with excessive diversion rate but periodic volume limitation. This history of this is a little different, however.

1) 1980 formal transfer 2403 authorized development of a new well of 2.80 cfs capacity to divert under the old Hamer Canal rights, on 160 acres.

2) Only about 60 or 70 acres were actually developed.

3) 1988 formal transfer 3394 took 1.05 cfs and 60 acres to a new POD, leaving WR 31-00062L/63L for 1.75 cfs.

4) The capacity of the well is about 1.75 cfs, but the remaining portion of actually developed lands is 6.4 acres.

5) What I plan to do is recommend 1.75 acres, with a volume limitation of 5.33 acre feet every three weeks. This is the volume that would be diverted with continuous diversion at 0.02 cfs/acre.

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right 31-00062C, 31-00063C

Township 7N Range 35E Section 27



Point of Diversion - This Water Right
Point of Diversion - Other Water Rights
Place of Use - This WR
Place of Use - Other WR
Sections
Quarter-quarter Sections

0 660 Feet

N
W E
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GIS Illustration from 1987/88 NAPP Photography, Prepared by B. Contor 6/2000

To: Neal Savage and Aaron Savage Files
A31-00062C
A31-00063C
A31-00062M
A31-00063M
A31-00062N
A31-00063N
A31-02389
A31-02392
A31-07117
Fr: Bryce Contor
Date: 6/21/2000

Re: Summary of Diversion Rate and POU from NWMD

File A31-00062C contains a three page summary of diversion rates licensed or transferred, and diversion rates determined or measured by NWMD.

File A31-00062C also contains 3 GIS illustrations showing licensed, transferred, and approximate actual places of use under these rights. One of the illustrations is attached to this memo in each file.

Aaron & Neil Sawyer Division Rate Summary

Bryce G. Carter 6/20/2000

License	31-02389		2.00 cfs	
"	31-02392		2.27 cfs	
"	31-07117		2.13 cfs	
Decree Transfer	31-00062B	1.98	~~2.24~~ cfs	(splits "c" & "m")
"	31-00063B	0.82	~~0.31~~ cfs	(splits "c" & "m")
"	31-00062N		2.12 cfs	
"	31-00063N		0.88 cfs	
			Σ = ~~10.75~~ cfs	
			12.2	

See attached Capacity ≈ 11.2 cfs

Aaron & Neil Savage Diversion Rate Summary p 2

Bryce A. Contor 6/20/2000

300166	Pivot	898 GPM	Good confidence	10/7/98
300256	House Place	715 GPM	Good confidence	9/2/98
300260	Aaron's Pivot	932 GPM	Good confidence	6/2/99
300261	Handlines (See exam 300260)	816 GPM	Good confidence	6/2/99
300262	Home Place (See attached theoretical)	790 GPM		
300282	Pivot	875 GPM	Good confidence	9/2/98
Total		5026 GPM = 11.2 cfs		

Theoretical for 300262

1) House place PCC = 384 Kwh/ac ft @ 70 psi

2) $PCC = \frac{TDH \times 1.02}{EA} \rightarrow TDH = \frac{PCC \times EA}{1.02}$

$TDH = \frac{384 \times 0.60}{1.02} \approx 225$ ft

3) TDH = Lift + friction + PSI x 2.31

225 = Lift + friction + (70 x 2.31)

Lift + friction = 225 − (161) = 64 ft

Diversion Rate Summary

4) 300262 Kw = 1.69 x 12 = 19.2 Kw @ power meter

19.2 x 1.34 = 25.5 input hp.

25.5 x 50% = 12.8 water hp

5) $GPM = \frac{\text{Water HP} \times 3960}{TDH} = \frac{12.8 \times 3960}{64} = 790\ GPM$

$\frac{790\ GPM}{448.8} = 1.77\ cfs$

Volume Calculation for Home Place well

6/26/00 BAC

1) NWMO 1998 estimate (record 300262) based on power records & assumed 49.5 PWL, 55.3 acre feet

2) Above Calculation indicate 64' TDH

3) 1998 NWMO calculations assumed PCC = 100

4) $PCC = \frac{KWH}{AF} \Rightarrow KWH = PCC \times AF = 55.3 \times 100 = 5530$

5) Using TDH = 64', $PCC = \frac{TDH \times 1.02}{\text{efficiency}} = \frac{64 \times 1.02}{50\%} = 130.6$

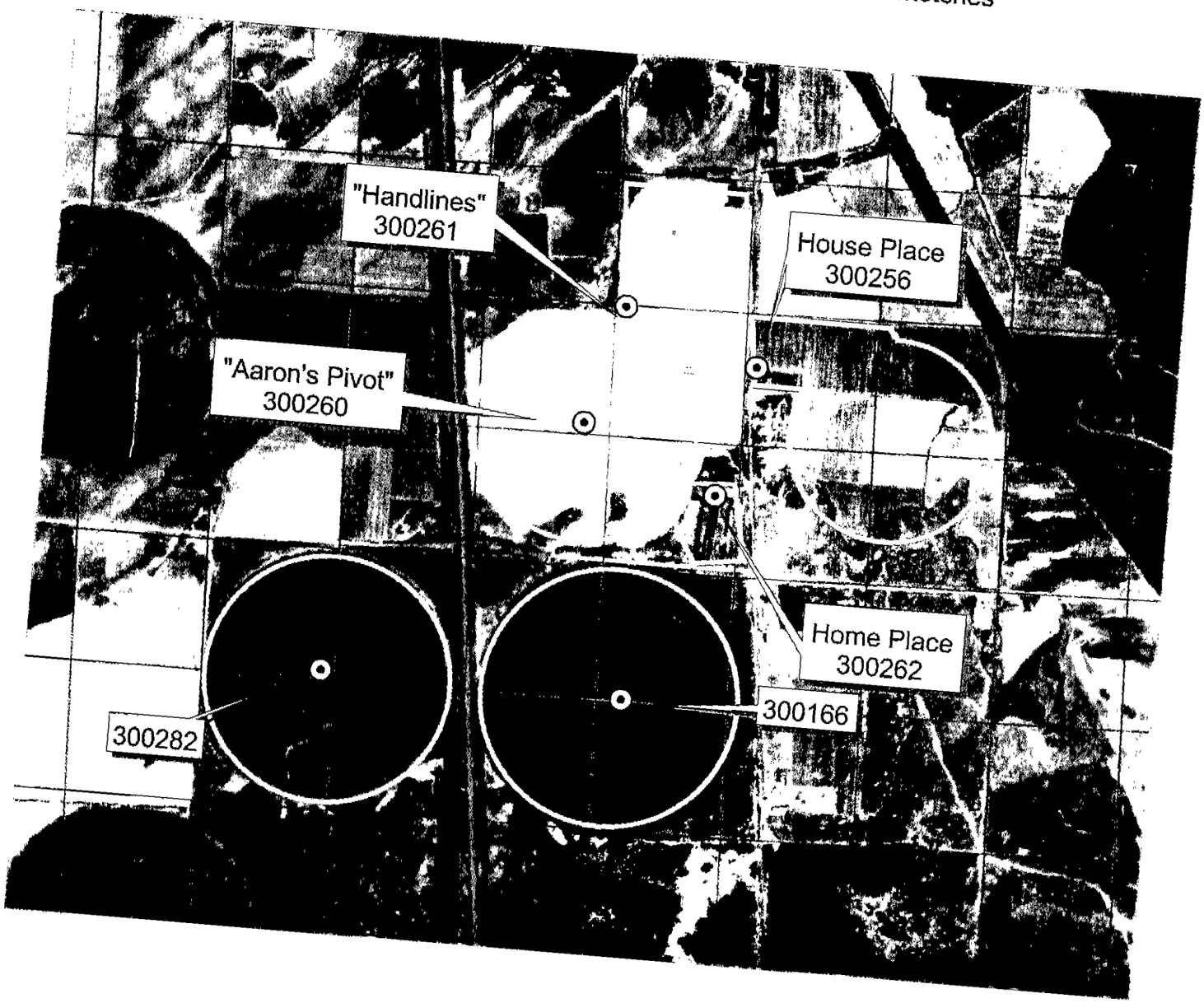
Div. Rate Summary p 4

5) $AF = \frac{KWH}{Pcc} = \frac{5530}{130.6} = 42.3$ acre feet

6) $\frac{42.3}{6.4} \approx 6.6$ afa $\qquad \frac{42.3}{8.4} \approx 5.0$ afa

Aaron and Neal Savage POD and POU per NWMD Exams

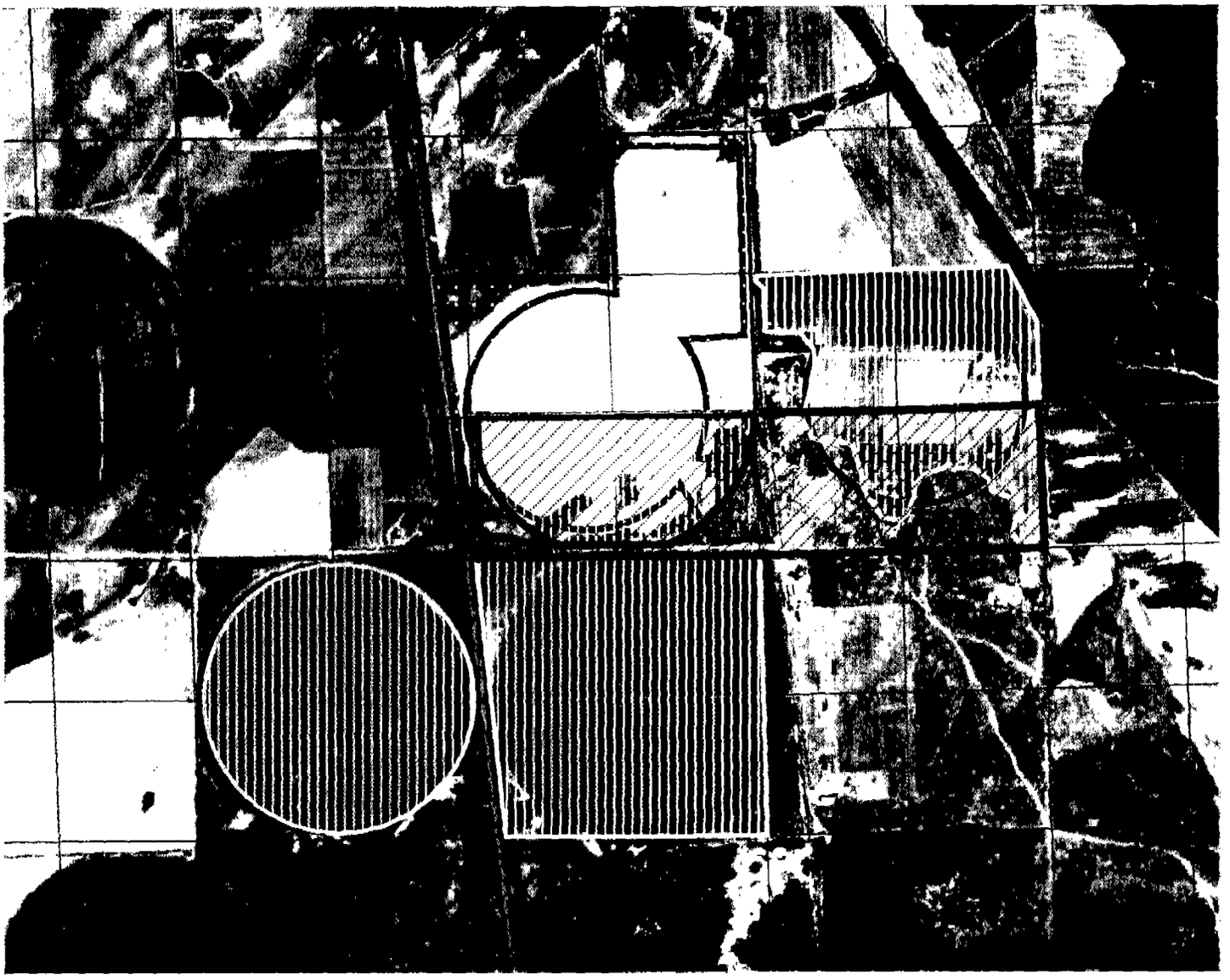
POD located by GPS. POU approximate, per rough field sketches



Prepared 6/2000 by B. Contor

Aaron and Neal Savage POU

Approximate POU from NWMD exams,
Transfer sketches, and Licensing Exams



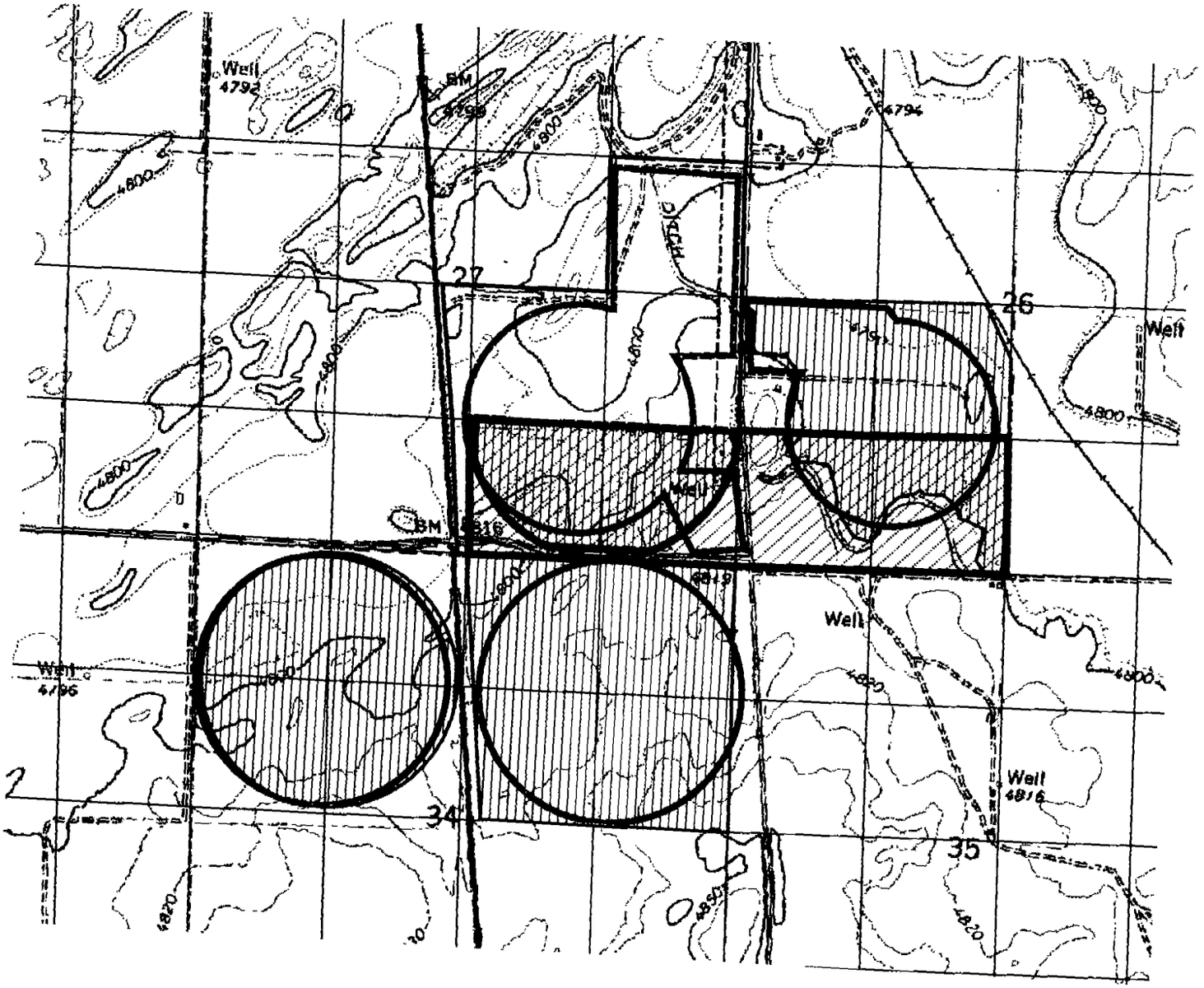
31-00062N/63N, T3029 and T4780
31-00062C/63C/62M/63M, T2403, T3394
Licenses 31-02389, 31-02392, 31-07117
NWMD Approximate 1997 POU
Sections
Quarter-quarter Sections

N
W E
S

Prepared 6/2000 by B. Contor

Aaron and Neal Savage POU

Approximate POU from NWMD exams,
Transfer sketches, and Licensing Exams



31-00062N/63N, T3029 and T4780
31-00062C/63C/62M/63M, T2403, T3394
Licenses 31-02389, 31-02392, 31-07117
NWMD Approximate 1997 POU
Sections
Quarter-quarter Sections

N
W
E
S

Prepared 6/2000 by B. Contor

To: A31-00062C/63C
Fr: Bryce Contor
Date: 6/21/2000

Re: Diversion Rate

1. Formal Transfer 2403 authorized 2.80 cfs (1.92 from 31-00062B, 0.82 from 31-00063B) for this POD, on a 160 acre POU.

2. Formal Transfer 3394 transferred 1.05 cfs to the center pivot (0.74 from 31-00062M and 0.31 from 31-00063M) to the center pivot west of the original POD. This left 1.75 cfs (1.24 from 31-00062L and 0.51 from 31-00063L) in this POD. Note that WR 31-00062L and 63L are claimed and recommended as AJ splits A31-00062C/63C.

3. Transfer 2403 contemplated a 160 acre POU, from which Transfer 3394 removed 60 acres. Attached documentation indicates that original development was far short of this number of acres of POU (6.4 acres actually irrigated from this POU). However, NWMD calculations (see "Aaron & Neal Savage Diversion Rate Summary 6/20/2000" in file) indicate that approximately 1.77 fs is developed from this POD.

4. The attached 1980 Irrigation Evaluation indicates that 0.02 cfs/acre is adequate for the Zweifel and Terreton Soil Series, and the attached Soil Survey Date indicate that intake rate and water holding capacity of the Matheson soils on this POU is comparable. This points to 0.12 cfs allowable.

5. Despite the above, however, this is a border irrigation system. See documentation in A31-10291 and A31-10292. A larger diversion rate is needed, no matter the size of the POU. A smaller POU simply means the number of hours of diversion per week is less.

6. Because the developed diversion rate is within the intent of the transfer, and based on the analysis of border irrigation diversion in A31-10291 and A31-10292, I propose recommending the transfer-authorized diversion rate, with 3-week volume limitations based

upon acreage.

7. Note that approximately 8.2 acres are irrigated from this POU, but 1.8 are overlapped with the (incorrect) POU of 31-00062M/63M, which we cannot change since it was authorized by a post-1987 formal transfer. To correct this, the claimant will need to file a formal transfer.

8. The proposed three-week volume is:

   6.4 acres X 0.02 cfs/acre = 0.128 cfs
   0.128 cfs X 1.9835 acre feet/day/cfs = 0.254 af/day
   0.254 af/day X 21 days/period = 5.33 af/period

9. This implies about 1 ½ days of irrigation every three weeks. This is reasonable in light of the system and acreage. Calculations:

   1.75 cfs X 1.9835 acre feet/day/cfs = 3.47 af/day
   (5.33 af/period)/(3.47 af/day) = 1.53 days/period

10. These two rights were originally decreed and have been transferred on a permissible place of use basis, so the limitation will be a combined limitation for the two rights together.

Contor, Bryce

From: Contor, Bryce
Sent: Wednesday, June 21, 2000 10:20 AM
To: Contor, Bryce; McHugh, Candice
Cc: Music, Vicky; Carlsen, Ernie
Subject: RE: Excessive Diversion Rate

P.S. The AJ claim numbers don't parallel the WR splits -- these are claims A31-00062C and A31-00063C. The 1.05 cfs pulled off by T3394 are represented by WR 31-00062M/63M and claims A31-00062M/63M.

-----Original Message-----
From: Contor, Bryce
Sent: Wednesday, June 21, 2000 10:19 AM
To: McHugh, Candice
Cc: Music, Vicky; Carlsen, Ernie
Subject: Excessive Diversion Rate

I have another claim for border irrigation of a small acreage which I plan to recommend with excessive diversion rate but periodic volume limitation. This history of this is a little different, however.

1) 1980 formal transfer 2403 authorized development of a new well of 2.80 cfs capacity to divert under the old Hamer Canal rights, on 160 acres.

2) Only about 60 or 70 acres were actually developed.

3) 1988 formal transfer 3394 took 1.05 cfs and 60 acres to a new POD, leaving WR 31-00062L/63L for 1.75 cfs.

4) The capacity of the well is about 1.75 cfs, but the remaining portion of actually developed lands is 6.4 acres.

5) What I plan to do is recommend 1.75 ~~acres~~ cfs, with a volume limitation of 5.33 acre feet every three weeks. This is the volume that would be diverted with continuous diversion at 0.02 cfs/acre.

IRR. EVALUATION 5/21/80
(4/4/80 REQUEST) 2K

I. SOILS DATA:

	ZWIEFEL SAND	TERRETON SANDY LOAM
DEPTH:	3" SAND (0.20" AW)	6" SANDY LOAM (1.8"/FT. A.W.)
	18" FINE SAND } 2.5"/FT	25" CLAY } 2.3"/FT
	49"+ SANDY CLAY }	29"+ SILTY CLAY LOAM }
	>60"	>60"

INTAKE: VERY FAST

II. FIELD SLOPE = 0-4%

III. CROPS:

ALF & SM. GRAINS

IV METHOD OF IRR. EXISTING.

BORDER

W = 60 to 80 ft.

L = 1320 ft.

V. EVALUATION:

1) ROOT ZONE

ALF. = 5.0 FT

GR. = 4.0 FT. USE

2. CLIMATIC ZONE (80-100 FROST FREE DAYS) = III (IF-46W)

3. C.I.U. ALF. = 7.27 JUL.

GR. = 7.91 "

4. AVAILABLE W.H. CAPACITY

ZWIEFEL = 0.20" + 2.5"(3.75) = 9.58" ← USE 4.79"

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5. C.U. PEAK PERIOD = 0.26"/DAY

6. IRR. FREQ. = $\frac{4.79}{0.26}$ = 18.42 DAYS

7. USE 14 DAYS AND APPLY (14)(0.26) = 3.64" NET

8. EFF.

POOREST RECOMMENDED FOR GR. BORDERS = 55%

9. Q/AC. = $\frac{0.26"/DAY}{12(2)(.55)}(50)$ = 0.98 MINER INCHES/AC. TO FIELD IS ADEQUATE TO MEET CROP NEEDS AT 55% FIELD IRR. EFFICIENCY.

I. CONCLUSION:

1. BORDER WIDTHS & LENGTHS SHOULD BE ADJUSTED TO CORRESPOND WITH ALLOWABLE STREAM SIZE.

2. MAX. STREAM SIZE ALLOWED SHOULD NOT EXCEED 1.0 MINERS INCH/AC.

3. BORDER IRRIGATION SHOULD NOT BE USED ON SLOPES EXCEEDING 2% FOR NON-SOD CROPS, AND 3% FOR SOD CROPS ON FINER TEXTURE SOILS. SANDS WOULD BE EROSIVE AT FLATTER SLOPES.

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INTER-DEPARTMENT MEMO — 1

DATE 5-2-80

FROM Jim Johnson

MAY 07 1980

TO Ron Carlson

Returned to Region 4/24/80

SUBJECT Transfers 2403, 2423, 2424

These transfers deal with two water rights owned by the Hamer Canal Company.

It appears (see Stipulation of Agreement) that more than half (905 of 1500) of the shareholders in the Hamer Canal Co. were allowed to transfer a portion of the Canal Company's rights to wells not owned by the Canal Co.

The Department is concerned that these tranfers if approved may injure the remaining shareholders that depend of the Canal Co. for delivery of adequate water supply.

Our legal staff has reviewed the signed Stipulation of Agreement submitted with the transfer applications and feel it may not constitute adequate evidence of consent. They suggest that a copy of the By Laws be requested to determine how such consent is to be given.

Copies showing procedures for said consent should be included with the transfer file.

MICROFILMED

RECEIVED

APR 16 1980

Department of Water Resources

INTER-DEPARTMENT MEMO — 1

FROM Ernie

DATE 4/14/1980.

TO Dave. T.

SUBJECT Attached is a fact sheet which has been submitted in conjunction with a application for Transfer in excess of one inch per acre. Please have the information evaluated and advise me of the outcome.

Thanks

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SIGNATURE

Ident. No._____

FACT SHEET
for
Excessive Irrigation Flows

This information is to be submitted with any application for permit for which the irrigation rate of flow requested is more than .02 cfs per acre. One exception is that .03 cfs per acre is allowed for up to five (5) acres.

Soil type and soil profile: 127 Sweitzer/Sand 108 Ter Sandy Loam

Soil water holding capacity: 0.5" – 1"

Soil intake family (if known):

Field slope: 0 – 4%

Anticipated crops: Alfalfa + Small grain

Method of irrigation: Border gravity flow w/ levels 60' to 80' wide average length 1/4 mile.

Remarks Soils Require Large unit streams because of intake rate of surface Soils

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SOILS DESCRIPTION

Soil Symbol	
ZwB ZmB 127	Zwiefel sand, 2-4 percent slopes. This soil is over 60 inches deep well drained and is on old lake beds. It formed in lake bed sediments and windlaid deposits from mixed sources. In a typical profile the surface layer is sand about 3 inches thick. The upper substratum is fine sand about 18 inches thick. The lower substratum is sandy clay and silty clay extending to 60 inches and deeper. Effective rooting depth is 60 inches or more. The surface layer takes in water very fast and for the 3 inches can hold 0.15 to 0.25 inch of available water. Below the surface layer permeability is slow (less than 0.2 inch/hour) and water holding capacity is about 2½ inches per foot of depth. Wind erosion hazard is very great. These soils are commonly used for cultivated crops. An example of a suitable rotation is alfalfa hay 3-5 years (or longer), 1 year potatoes, 1-2 years grain. Crop residues should be incorporated into the soil to increase organic matter content. This can also aid in water retention and movement, effective use of plant nutrients and help prevent compaction of the subsurface soils. Applications of commercial fertilizers are commonly needed in addition to manure and crop residues to maintain high crop yields. Because of slope the only recommended irrigation method is sprinkler.

B to w 60"

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SOILS DESCRIPTION

Soil Symbol	
TeS TgA 108	Terreton sandy loam, 0 to 1 percent slope. Frost free season is 80-100 days. This soil is over 60 inches deep and well drained. Slopes are 0 to 1 percent. Some areas adjacent to standing or moving water have a high water table and may be slightly to moderately alkali. In a typical profile the surface layer is sandy loam 6 inches thick. The underlying layers are clay to 51 inches over silty clay loam and clay to more than 60 inches. The soil is moderately calcareous (calcium salts) in the surface layer and strongly calcareous below. Permeability is slow (0.06" to 0.2" per hour). Available water holding capacity is high (1.6 to 2" per foot of soil) for the top 6" and 2.3/foot below. Soil water erosion hazard is slight but soil blowing hazard is moderate.

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TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Malm:											
[1]66*:											
Matheson part---	0-10	6.0-20	0.06-0.08	7.4-8.4	<2	Low-------	Low------	Low------	0.10	4	2
	10-46	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
	46	---	---	---	---	---	---	---	---		
Rock outcrop part.											
[1]67*:											
Malm part-------	0-4	2.0-6.0	0.13-0.15	7.4-9.0	<2	Low-------	High-----	Low------	0.10	2	3
	4-24	2.0-6.0	0.11-0.13	7.4-9.0	<2	Low-------	High-----	Low------	0.20		
	24	---	---	---	---	---	---	---	---		
Rock outcrop part.											
Bondfarm part---	0-4	2.0-6.0	0.11-0.13	7.9-8.4	<2	Low-------	High-----	Low------	0.17	1	3
	4-18	2.0-6.0	0.11-0.13	7.9-8.4	<2	Low-------	High-----	Low------	0.17		
	18	---	---	---	---	---	---	---	---		
Market:											
68----------	0-28	0.06-0.2	0.14-0.16	7.4-8.4	<2	High------	High-----	Low------	---	---	4
	28-60	0.06-0.2	0.14-0.21	7.4-8.4	<2	High------	High-----	Low------	---		
Matheson:											
69, 70*----------	0-10	6.0-20	0.06-0.08	7.4-8.4	<2	Low-------	Low------	Low------	0.10	4	2
	10-60	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
71, 72, 73, 74*---	0-10	2.0-6.0	0.13-0.15	7.4-8.4	<2	Low-------	Moderate	Low------	0.20	3	3
	10-60	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
75----------	0-10	2.0-6.0	0.16-0.18	7.4-8.4	<2	Low-------	Moderate	Low------	0.20	3	4
	10-60	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
[1]76*:											
Matheson part---	0-10	2.0-6.0	0.13-0.15	7.4-8.4	<2	Low-------	Moderate	Low------	0.20	3	3
	10-60	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
Malm part-------	0-4	2.0-6.0	0.13-0.15	7.4-9.0	<2	Low-------	High-----	Low------	0.20	2	3
	4-24	2.0-6.0	0.11-0.13	7.4-9.0	<2	Low-------	High-----	Low------	0.20		
	24	---	---	---	---	---	---	---	---		
[1]77*:											
Matheson part---	0-10	2.0-6.0	0.16-0.18	7.4-8.4	<2	Low-------	Moderate	Low------	0.20	3	4
	10-46	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
	46	---	---	---	---	---	---	---	---		
Malm part-------	0-4	0.6-2.0	0.16-0.18	7.4-9.0	<2	Low-------	High-----	Low------	0.32	2	5
	4-24	2.0-6.0	0.11-0.13	7.4-9.0	<2	Low-------	High-----	Low------	0.20		
	24	---	---	---	---	---	---	---	---		
[1]78*:											
Matheson part--- (loamy sand)	0-10	6.0-20	0.06-0.08	7.4-8.4	<2	Low-------	Low------	Low------	0.10	4	2
	10-46	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
	46	---	---	---	---	---	---	---	---		
Matheson part--- (loam)	0-10	2.0-6.0	0.16-0.18	7.4-8.4	<2	Low-------	Moderate	Low------	0.20	3	4
	10-46	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low-------	High-----	Low------	0.20		
	46	---	---	---	---	---	---	---	---		
Mathon:											
[1]79*:											
Mathon part-----	0-5	6.0-20	0.06-0.08	7.4-8.4	<2	Low-------	Low------	Low------	0.10	4	2
	5-62	2.0-6.0	0.11-0.13	7.9-9.0	<2	Low-------	Moderate	Low------	0.20		
	62	---	---	---	---	---	---	---	---		
Rock outcrop part.											

See footnote at end of table.

****

Claim AZL-00062 04/63 04

Doc Source Jefferson County Soil Survey - USDA 1979

Date 6/21/00 Sig. BAC

rived from mixed sources. The frost-free season is 80 to 100 days.

Typically, the surface layer is light brownish gray sandy loam about 10 inches thick. The underlying material is light brownish gray and light gray sandy loam. The soil is calcareous throughout and has a layer of lime accumulation at a depth of 10 inches.

Included with this soil in mapping are small areas of Lidy sandy loam and areas of soils that are similar to this Matheson soil but that are mostly loam and silty clay loam throughout.

Permeability of this Matheson soil is moderately rapid. Effective rooting depth is 60 inches or more. Available water capacity is high. Surface runoff is slow, and the hazard of erosion is slight.

This soil is used for irrigated hay, small grain, potatoes, and pasture.

A suitable cropping system is 3 to 5 years of alfalfa for hay, 1 year of potatoes, and 1 or 2 years of grain. If pasture is used in the cropping system, it is generally used for 5 to 8 years. To maintain high production of crops, commercial fertilizer commonly is needed in addition to manure and plant residue. Generally, legumes respond to phosphate and all crops respond to nitrogen. Sprinkler, border, and furrow irrigation systems are used on this soil. Sprinkler irrigation is best suited to all crops, furrow and border irrigation is best suited to close-growing crops, and border irrigation is best suited to hay and pasture. A suitable windbreak for this soil consists of trees that are well adapted to the area and that can withstand competition from nearby crops. Russian-olive, green ash, and Rocky Mountain juniper are examples of trees that are well suited to use in windbreaks on this soil.

This soil has potential for providing habitat for ring-necked pheasant, mourning dove, songbirds, and birds of prey. These birds obtain their food and shelter either directly or indirectly from cropland. To improve wildlife habitat, such plants as Siberian peashrub, European privet, lilac, and Tatarian honeysuckle can be planted along fence rows and ditchbanks, in odd field corners, or in windbreaks. These plantings provide shelter that protects the birds from predators and inclement weather. Food crops provide some cover. Capability subclass IIIs, irrigated.

72—Matheson sandy loam, 2 to 4 percent slopes. This very deep, well drained soil is on basalt plains and alluvial fans. It formed in alluvium and wind-laid sandy deposits derived from mixed sources. The frost-free season is 80 to 100 days.

Typically, the surface layer is light brownish gray sandy loam about 10 inches thick. The underlying material to a depth of 60 inches or more is light brownish gray and light gray sandy loam. The soil is calcareous throughout and has a layer of lime accumulation at a depth of 10 inches.

Included with this soil in mapping are small areas of Malm sandy loam.

Permeability of this Matheson soil is moderately rapid. Effective rooting depth is 60 inches or more. Available water capacity is high. Surface runoff is slow, and the hazard of erosion is moderate.

This soil is used for irrigated hay, small grain, potatoes, and pasture.

A suitable cropping system is 3 to 5 years of alfalfa for hay, 1 year of potatoes, and 1 or 2 years of small grain. When pasture is used in the cropping system, it is usually used for 5 to 8 years. To maintain high production of crops, commercial fertilizer commonly is needed in addition to manure and plant residue. Generally, legumes respond to phosphate and all crops respond to nitrogen. Sprinkler irrigation is most commonly used. Furrow and border irrigation systems are difficult to use because of the slope.

Russian-olive, green ash, and Rocky Mountain juniper are examples of trees that are well suited to use in windbreaks on this soil.

This soil has potential for providing habitat for ring-necked pheasant, mourning dove, songbirds, and birds of prey. These birds obtain their food and shelter either directly or indirectly from cropland. To improve the wildlife habitat, such plants as Siberian peashrub, European privet, lilac, and Tatarian honeysuckle can be planted along fence rows and ditchbanks, in odd field corners, or in windbreaks. These plantings provide shelter that protects the birds from predators and inclement weather. Food crops provide some cover. Capability subclass IIIe, irrigated.

73—Matheson sandy loam, 4 to 8 percent slopes. This deep, well drained soil is on basalt plains. It formed in sandy wind-laid deposits derived from mixed sources. The frost-free season is 80 to 100 days.

Typically, the surface layer is light brownish gray sandy loam about 10 inches thick. The underlying material to a depth of 60 inches or more is light brownish gray and light gray sandy loam. The soil is calcareous throughout and has a layer of lime accumulation at a depth of 10 inches.

Included with this soil in mapping are small areas of Matheson sandy loam, 0 to 4 percent slopes, and small areas of Matheson loamy sand, Bondranch sandy loam, Lidy sandy loam, Malm sandy loam, and Pancheri silt loam, all of which have slopes of 4 to 8 percent. Also included are areas of Rock outcrop.

Permeability of this Matheson soil is moderately rapid. Effective rooting depth is 60 inches or more. Available water capacity is high. Surface runoff is medium, and the hazard of erosion is high.

This soil is used for irrigated hay, small grain, potatoes, and pasture.

A suitable cropping system is 3 to 5 years of alfalfa for hay, 1 year of potatoes, and 1 or 2 years of grain. When pasture is used in the cropping system, it is generally used for 5 to 8 years. To maintain high production of

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Wardboro:											
120----------	0-2	0.6-2.0	0.16-0.18	7.4-7.8	<2	Low-------	Low------	Low------	0.28	1	4L
	2-60	>20	0.03-0.05	7.4-7.8	<2	Low-------	Low------	Low------	0.10		
Water:											
121.											
Whiteknob:											
122----------	0-14	0.6-2.0	0.09-0.11	7.4-9.0	<2	Low-------	Moderate	Low------	0.24	1	4L
	14-20	2.0-6.0	0.05-0.07	7.4-8.4	<2	Low-------	Moderate	Low------	0.20		
	20-60	>20	0.03-0.05	7.4-8.4	<2	Low-------	Moderate	Low------	0.10		
Wolverine:											
123*---------	0-60	>20	0.06-0.08	7.4-8.4	<2	Low-------	Low------	Low------	0.17	5	1
Xeric Torrifluvents:											
124*---------	0-60	---	---	---	---	----------	---------	---------	---	---	---
[1]125*:											
Xeric Torrifluvents part----------	0-60	---	---	---	---	----------	---------	---------	---	---	---
Hayeston part---	0-7	6.0-20	0.06-0.08	7.9-8.4	<2	Low-------	Moderate	Low------	0.15	2	---
	7-23	2.0-6.0	0.11-0.13	7.9-8.4	<2	Low-------	Moderate	Low------	0.17		
	23-60	>20	0.03-0.05	7.9-8.4	<2	Low-------	Moderate	Low------	0.10		
Zwiefel:											
126, 127, 128-----	0-3	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low-------	Low------	Low------	0.10	4	1
	3-21	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low-------	Low------	Low------	0.10		
	21-28	0.06-0.2	0.15-0.17	8.5-9.0	<2	Moderate	High-----	Low------	0.20		
	28-60	0.06-0.2	0.15-0.17	8.5-9.0	<2	High------	High-----	Low------	0.32		
[1]129*:											
Zwiefel part----	0-3	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low-------	Low------	Low------	0.10	4	1
	3-21	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low-------	Low------	Low------	0.10		
	21-28	0.06-0.2	0.15-0.17	7.9-9.0	<2	Moderate	High-----	Low------	0.20		
	28-60	0.06-0.2	0.15-0.17	8.5-9.0	<2	High------	High-----	Low------	0.32		
Grassy Butte part----------	0-7	6.0-20	0.06-0.08	6.6-8.4	<2	Low-------	Low------	Low------	0.10	5	2
	7-60	6.0-20	0.06-0.08	6.6-8.4	<2	Low-------	Low------	Low------	0.10		
[1]130*:											
Zwiefel part----	0-3	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low-------	Low------	Low------	0.10	4	1
	3-21	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low-------	Low------	Low------	0.10		
	21-28	0.06-0.2	0.15-0.17	7.9-9.0	<2	Moderate	High-----	Low------	0.20		
	28-60	0.06-0.2	0.15-0.17	8.5-9.0	<2	High------	High-----	Low------	0.32		
Grassy Butte part----------	0-7	6.0-20	0.06-0.08	6.6-8.4	<2	Low-------	Low------	Low------	0.10	5	2
	7-60	6.0-20	0.06-0.08	6.6-8.4	<2	Low-------	Low------	Low------	0.10		
Terreton part---	0-6	2.0-20	0.06-0.10	7.9-8.4	<2	Low-------	High-----	Low------	0.17	5	3
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High------	High-----	Low------	0.37		

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

**********C
Claim A31-00062 M/63 M
Doc Source Jefferson Soil
Survey USDA 1979
Date 6/21/00 Sig. BAC

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Rock outcrop:											
[1]106*:											
Rock outcrop part.											
Rexburg part----	0-12	0.6-2.0	0.19-0.21	7.4-8.4	<2	Low--------	High------	Low-------	0.37	5	5
	12-60	0.6-2.0	0.19-0.21	7.4-8.4	<2	Low--------	High------	Low-------	0.37		
Terreton:											
107, 108----------	0-6	2.0-20	0.06-0.10	7.9-8.4	<2	Low--------	High------	Low-------	0.17	5	3
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
109, 110----------	0-6	0.6-2.0	0.14-0.18	7.9-8.4	<2	Moderate	High------	Low-------	0.32	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
111, 112----------	0-6	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
[1]113*:											
Terreton part---	0-6	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
Bereniceton part	0-7	0.6-2.0	0.19-0.21	7.9-8.4	<2	Low--------	High------	Low-------	0.37	3	4L
	7-14	0.6-2.0	0.16-0.18	8.5-9.0	<2	Low--------	High------	Low-------	0.28		
	14-46	0.2-0.6	0.19-0.21	8.5-9.0	<2	Moderate	High------	Low-------	0.20		
	46	---	---	---	---	----------	----------	----------	---		
[1]114*:											
Terreton part---	0-6	0.6-2.0	0.14-0.18	7.9-8.4	<2	Moderate	High------	Low-------	0.32	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
Bereniceton part	0-7	2.0-6.0	0.11-0.13	7.9-8.4	<2	Low--------	Moderate	Low-------	0.17	2	3
	7-14	0.6-2.0	0.16-0.18	8.5-9.0	<2	Low--------	Moderate	Low-------	0.28		
	14-46	0.2-0.6	0.19-0.21	8.5-9.0	<2	Moderate	High------	Low-------	0.20		
	46	---	---	---	---	----------	----------	----------	---		
Rock outcrop part.											
[1]115*:											
Terreton part---	0-6	0.6-2.0	0.14-0.18	7.9-8.4	<2	Moderate	High------	Low-------	0.32	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
Rock outcrop part.											
[1]116*:											
Terreton part--- (loamy sand)	0-6	2.0-20	0.06-0.10	7.9-8.4	<2	Low--------	High------	Low-------	0.17	5	3
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
Terreton part--- (sandy clay loam)	0-6	0.6-2.0	0.14-0.18	7.9-8.4	<2	Moderate	High------	Low-------	0.32	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
[1]117*:											
Terreton part---	0-6	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37	5	4L
	6-60	0.06-0.2	0.16-0.18	7.9-8.4	<2	High-------	High------	Low-------	0.37		
Zwiefel part----	0-3	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low--------	Low-------	Low-------	0.10	4	1
	3-21	2.0-6.0	0.05-0.07	7.9-8.4	<2	Low--------	Low-------	Low-------	0.10		
	21-28	0.06-0.2	0.15-0.17	7.9-9.0	<2	Moderate	High------	Low-------	0.20		
	28-60	0.06-0.2	0.15-0.17	8.5-9.0	<2	High-------	High------	Low-------	0.32		
Urban land:											
118*.											
Wardboro:											
119----------	0-2	2.0-6.0	0.11-0.13	7.4-8.4	<2	Low--------	Low-------	Low-------	0.17	1	3
	2-60	>20	0.03-0.05	7.4-8.4	<2	Low--------	Low-------	Low-------	0.10		

See footnote at end of table.

****

Claim A31-00062 M/63 M
Doc Source Jefferson Soil Survey USDA 1979
Date 6/21/02 Sig. B Coulter

JEFFERSON COUNTY, IDAHO — SHEET NUMBER 16

(16)

(18)

N

R. 36 E. | R. 37 E.

(Joins sheet 10)

(Joins sheet 15)

(Joins sheet 22)

(Joins sheet 17)

(Joins sheet 16)

CAMAS NATIONAL WILDLIFE REFUGE

Camas Creek

Union Ditch

Hamer Ditch

Hamer

Scale 1:24000

2 Miles

10000 Feet

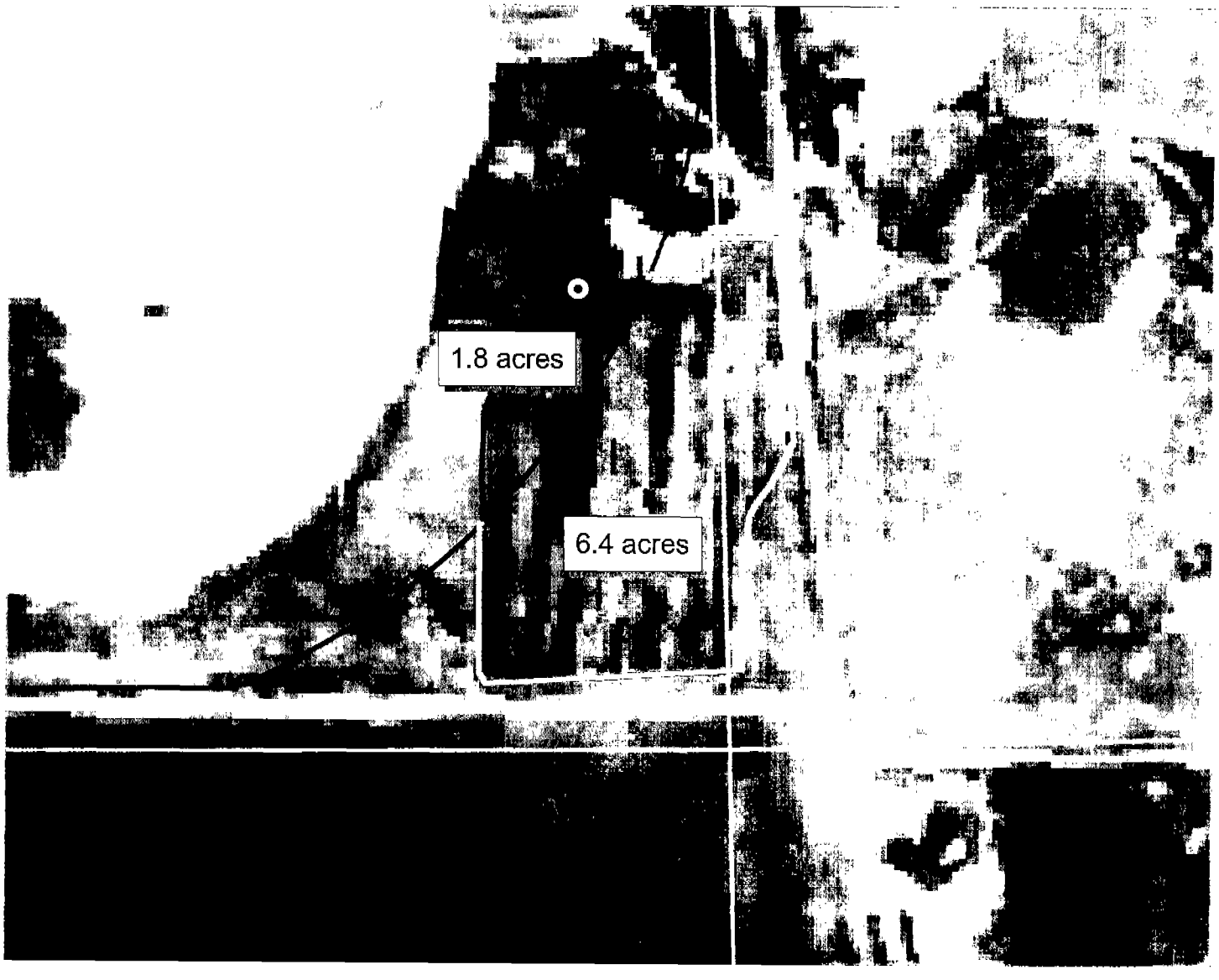
5000 0 1000 2000 3000 4000 5000

Claim A31-00062 DT / 63

Doc Source Jeff County Soil Survey - USDA 12/1979

Date 6/21/00 Sig. BAC

A31-00062C/63C



Overlap with 31-00062M/63M
31-00062C/63C
POD
Other POU

N
W
E
S

Prepared 6/2000 by B. Contor

Form No. 42-222

RECEIVED
OCT 1 1980
Department of Water Resources
Eastern District Office

Transfer No. 2403

Water Right No. 31-0062
31-0063

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPROVED

APPLICATION FOR TRANSFER OF WATER RIGHT

To Change the Point of Diversion and/or the Place of Use

Name of applicant Neal Savage Phone 662-5241

Post office address P.O. Box 247, Hamer, Idaho 83425

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by:

a. Decree to _____ (Name)

in case of _____ vs _____

dated _____ in _____ (Name of court) county of _____

b. ~~License~~ Transfer No. 1584 (31-0062 (31-0063 issued by the Idaho Department of Water Resources

c. Claim No. _____ on file with the Idaho Department of Water Resources

2. If applicant is not the original holder of this right, explain how it was acquired and attach a copy of the deed or other evidence of ownership of the land to which the right is appurtenant

Applicant obtained consent from Hamer Canal Co. to transfer 28 shares of water to his private well.

3. Source of water ground water tributary to _____

4. Date of priority May 1, 1928 (31-0062~~)~~ 3* 10-31-1917 (31-0063~~)~~ 2*

5. Water is used for the following purposes:

31-0062 3* amount 8.80 for irrigation purposes from May 1 to Nov. 1

31-0063 2* amount 21.2 for irrigation purposes from May 1 to Nov. 1

amount _____ for _____ purposes from _____ to _____

(month/day – both dates inclusive)

6. Total amount of water under right: a. 30 cubic feet per second &/or b. _____ acre feet per annum

7. Location of original point of diversion is SE ¼ of SE ¼ of Section 22 Township 7N Range 36E, B.M., in Jefferson County

Additional points of diversion, if any NW¼SW¼, NE¼SW¼, NW¼SE¼, Sec. 14, T. 7N, R. 36E, B.M.

8. Lands irrigated or place of use:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
7N	36E	15													20			40	60
		22	40			33			30		32	40	40	31	33	40	40	40	399
		23					40	40	39	40	40	37	32	40	40	40	40	40	468
		26	40	40	40	40	38	40	40	33	38	40	40	40		5	32	2	508
		27	40	40	40	37	31	40	40	32	32	40	40	32	40	38			522
		28			20	40									40	40	40	40	220
		33	39	20	20	40									40	20	40	40	259
		34											40	40					80
		35					40	40	40	40					40	40	40	40	320

Total number of acres to be irrigated 2,836

9. Describe any other water rights used for the same purposes as described above None

* corrections made to match water right numbers with decree 4-23-80 JJ

B. DESCRIPTION OF PORTION OF RIGHT OWNED BY APPLICANT (If the entire right is owned applicant, omit part B).

1. Amount of water: a. 2.80 cubic feet per second (0.82 cfs (31-0062) 3)
   &/or (1.98 cfs (31-0063) 2)
   b. _____ acre feet per annum

2. Point of diversion SE ¼ SE ¼, Section 22 Township 7N
   Range 36E, B.M., Jefferson County
   Additional points $NW\frac{1}{4}SW\frac{1}{4}$, $NE\frac{1}{4}SW\frac{1}{4}$, $NW\frac{1}{4}SE\frac{1}{4}$, Sec. 14, T. 7N, R. 36E, B.M.

3. Place of use:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
7N	36E	26											40	40					80
		35					40			40									80

C. DESCRIPTION OF RIGHT OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1. Change in point of diversion

   a. Amount of water to be diverted 2.80 c.f.s. &/or _____ acre feet

   b. Point(s) of diversion SE ¼ SE ¼, Section 27 Township 7N
   Range 36E, B.M., Jefferson County
   Additional points _____

   c. Description of diverting works well, pump, flood irrigation

   d. Describe the reasons for applying for a change in the point(s) of diversion insufficient water is being produced by wells for Hamer Canal Co. to supply all stock-holders. Canal company is therefore allowing individuals to transfer their shares of water to private wells.

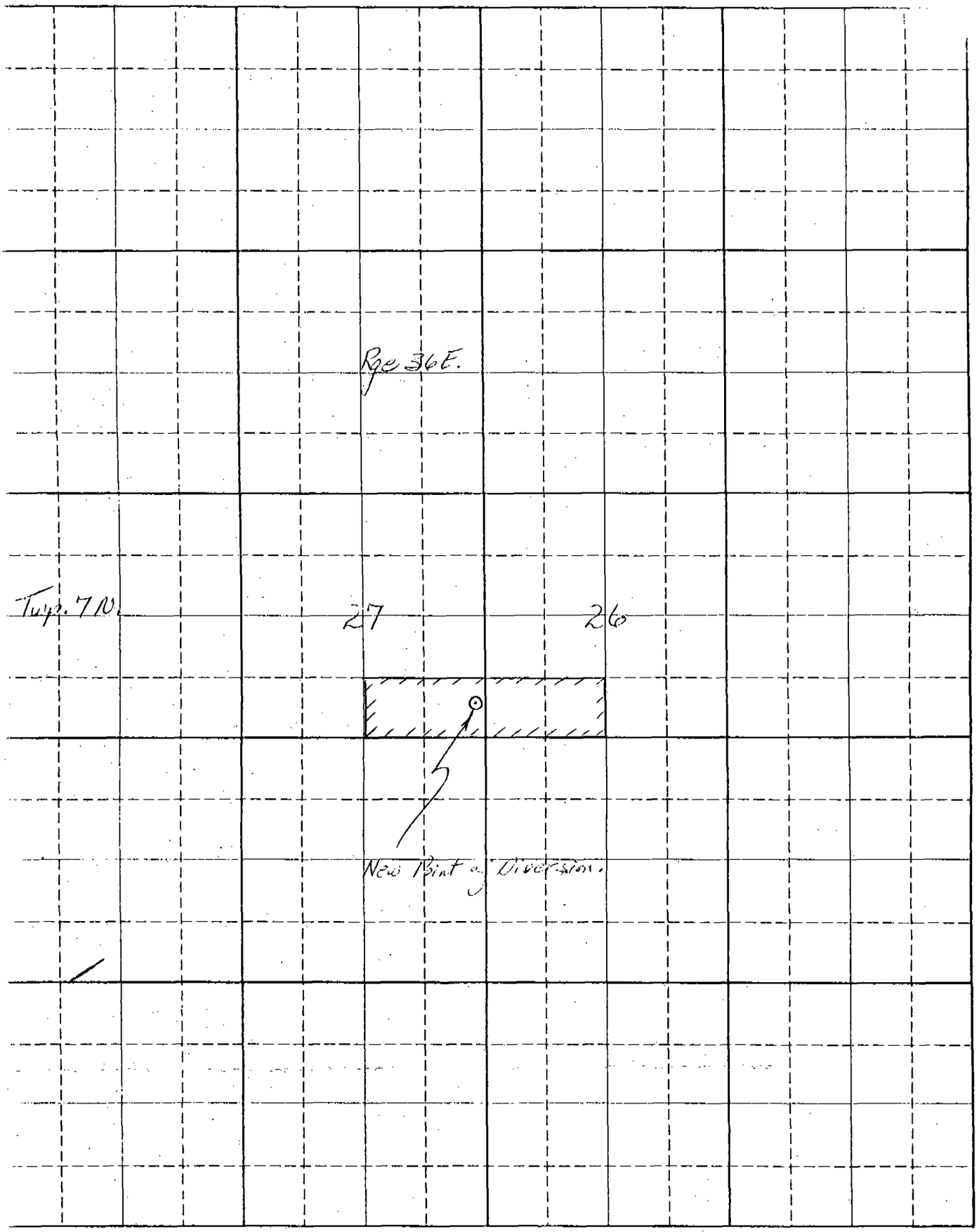
2. Change in place of use

   a. Describe the lands or place of use to which the right will be transferred:

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
7N	36E	26											40	40					80
		27															40	40	80

Total number of acres to be irrigated 160

3. Draw a map indicating the new point(s) of diversion and/or the new land to be irrigated. land involved by section, township and range number.



SCALE: 2 inches equal 1 mile. Draw plan in ink.

4. Remarks One share of water in the Hamer Canal Co. is equivalent to 5 miners inches or 0.10 cfs.

I hereby assert that no one will be injured by such change and the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

x Neal G Savage
(Signature of applicant)

Subscribed and sworn to before me this 4 day of March, 19 80.

Kathryn A. Wacker
(Notary public)

My commission expires life

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. 31-0062/31-0063 and said application is hereby approved, subject to the following limitations and conditions:

Witness my hand this 25TH day of September, 19 80.

Norman C. Young
NORMAN C. YOUNG
Administrator, Resources Admin. Div.

FOR DEPARTMENT USE ONLY

Received by EMC Date 3/4/80

Prelim. check by JV Fee 35

Receipted by LeV Date 3/4/80 #13531

Published in The Rigby Star

Pub. dates 3/13 & 3/20/80

Watermaster recommendation requested on _____

_____ rec'd. _____

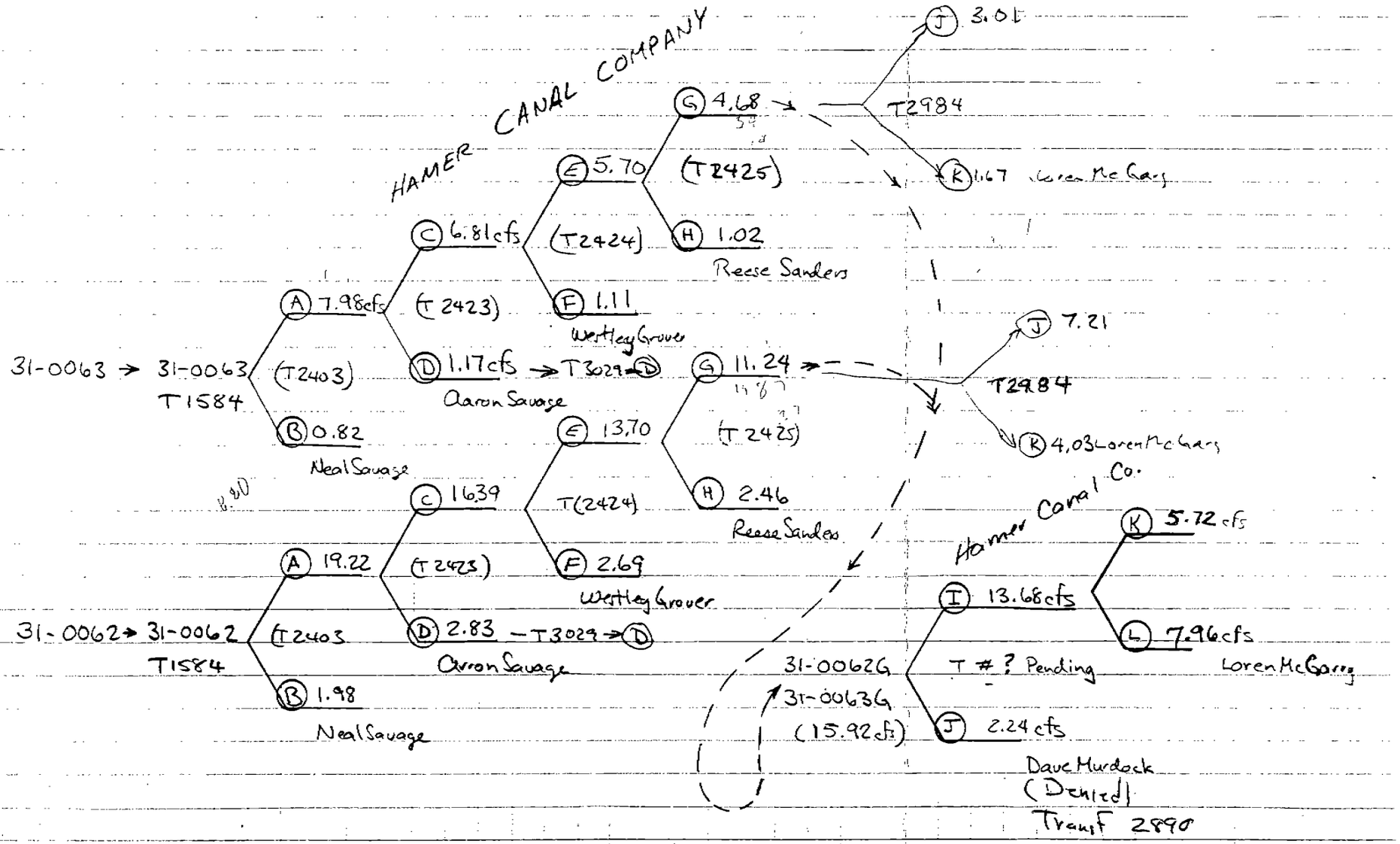
Protest filed by _____

Copies of protest forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial

by EMC for DRT


HAMER CANAL COMPANY
31-0063 → 31-0063
T1584
(T2403)
A 7.98cfs
B 0.82
Neal Savage
(T2423)
C 6.81cfs
D 1.17cfs → T3029 → D
Aaron Savage
(T2424)
E 5.70
F 1.11
Westley Grover
(T2425)
G 4.68
H 1.02
Reese Sanders
J 3.01
T2984
K 1.67 Loren McGary
31-0062 → 31-0062
T1584
(T2403)
A 19.22
B 1.98
Neal Savage
(T2423)
C 16.39
D 2.83 → T3029 → D
Aaron Savage
T(2424)
E 13.70
F 2.69
Westley Grover
(T2425)
G 11.24
H 2.46
Reese Sanders
J 7.21
T2984
K 4.03 Loren McGary
Hamer Canal Co.
K 5.72 cfs
I 13.68cfs
L 7.96cfs
Loren McGary
T # ? Pending
31-0062G
31-0063G
(15.92cfs)
J 2.24 cfs
Dave Murdock
(Denied)
Tran# 2890

TRANSFER NO.	NAME	AMOUNT C.F.S.	BALANCE C.F.S.	RIGHT NO.
	Hamer Canal Co.	21.2		31-0062
1584	Hamer Canal Co.	21.2		31-0062
2403	Savage, Neal	1.98		31-0062 B
	Hamer Canal Co.	19.22		31-0062 A
2423	Savage, Aeron	2.83		31-0062 D
	Hamer Canal Co.	16.39		31-0062 C
2424	Grover, Wesley	2.69		31-0062 F
	Hamer Canal Co.	13.70		31-0062 E

2425

TRANSFER NO.	NAME	AMOUNT C.F.S.	BALANCE C.F.S.	RIGHT NO
	~~Hamer Canal Co.~~	~~8.8~~		31-0063
1584	~~Hamer Canal Co.~~	~~8.8~~		~~31-0063~~
2403	Savage, Neal	0.82		31-0063 B
	~~Hamer Canal Co.~~	~~7.98~~		31-0063 A
2423	Savage, Aaron	1.17		31-0063 D
	~~Hamer Canal Co.~~	6.81		~~31-0063~~ C
2424	Grover, Wesley	1.11		31-0063 F
	Hamer Canal Co.	5.70		31-0063 E

Form 222
1-87

Page 1 of 8

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 3394

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

OVER

Name of applicant Neal Savage Phone 662-5241

Post Office address HC 69, Box 1110, Hamer, ID 83425

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☐ Add diversion point(s) ☐ Change place of use
   ☐ Change nature of use ☐ Change period of use ☐ Other _____

2. Describe the reason for the proposed changes to specify point of diversion from which land is irrigated

B. DESCRIPTION OF RIGHT(S) OR PORTION THEREOF, AFTER THE REQUESTED CHANGE

1.

Right Number	Priority	Amount (cfs/ac-ft)	Nature of Use	Period of Use
31-0062B	Oct 31, 1917	0.74 cfs	Irrigation	4/1 to 11/1
31-0063B	May 1, 1928	0.31 cfs	Irrigation	4/1 to 11/1
				to
				to

2. Total amount of water being transferred 1.05 cubic feet per second and/or _____ acre-feet per annum.

3. Source of water Groundwater tributary to _____

4. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		NW	SE	27	7N	36E	Jefferson	

5. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7N	36E	27															30	30	60

MICROFILMED
NOV 22 1988

Total acres 60

Transfer No. _____

PART 1

6. General Information:

a. Description of diversion system well, pump, mainline to center pivot

b. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts? _____ Yes X No. If yes, provide a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes.

c. Describe the affect on the land now irrigated if the place of use is changed pursuant to this transfer:

None. Specifing point of diversion for the place of use.

d. Remarks:

This transfer is to change water rights to indicate current irrigation practices.

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Transfer of Water Rights No. 31-0062B/0063B

And said application is hereby APPROVED, subject to the following limitations and conditions:

NOV 22 1988

Witness my hand this 11th day of October, 19 88.

L. Glen Saxton

Chief, Operations Bureau

Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by:

   a. Decree No. _____ Decreed to _____

   in case of _____ vs. _____

   dated _____ in _____ county of _____

   b. License No. _____ issued by the Idaho Department of Water Resources.

   c. Claim No. _____ on file with the Idaho Department of Water Resources.

   d. Transfer No. 31-0063B/T2403 which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____

3. Source of water GROUNDWATER tributary to _____

4. Date or priority May 1, 1928

5. Water is used for the following purpose:

   amount 0.82 cfs (cfs/ac-ft) for IRRIGATION purposes from 4/1 to 11/1

   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____

   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____

6. Total amount of water under right 0.82 cubic feet per second and/or _____ acre-feet per annum.

7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	27	7 N	36E	JEFFERSON	

8. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7 N	36 E	26											40	40					80
		27															40	40	80

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NOV 22 1988

Total acres 160

9. Describe any other water rights used for the same purpose as described above 31-0062B/T2403

PART 2

Transfer No. _____

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

NO If yes, describe _____

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 0.31 cfs for IRRIGAION purposes from 4/1 to 11/1
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	27	7 N	36 E	JEFFERSON	

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7 N	36E	27															30	30	60

Total acres 60

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount 0.51 cfs for IRRIGATION purposes from 4/1 to 11/1
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	27	7 N	36E	JEFFERSON	

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7 N	36 E	26											40	40					80
		27															10	10	20

NOV 22 1988

Total acres 100

Transfer No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 2

(Attach one copy for each right)

A. DESCRIPTION OF RIGHT AS RECORDED

1. Right evidenced by:

   a. Decree No. _____ Decreed to _____

   in case of _____ vs. _____

   dated _____ in _____ county of _____

   b. License No. _____ issued by the Idaho Department of Water Resources.

   c. Claim No. _____ on file with the Idaho Department of Water Resources.

   d. Transfer No. 31-0062B/T2403 which produced this right.

2. Attach a copy of last year's tax notice for the property to which the water right is appurtenant or other documents which show ownership. Label document as attachment A. Check appropriate box below:

   ☐ Tax Notice ☐ Warranty Deed ☐ Other _____

3. Source of water GROUNDWATER tributary to _____

4. Date or priority October 31, 1917

5. Water is used for the following purpose:

   amount 1.98 cfs (cfs/ac-ft) for IRRIGATION purposes from 4/1 to 11/1

   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____

   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____

6. Total amount of water under right 1.98 cubic feet per second and/or _____ acre-feet per annum.

7. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	27	7 N	36E	JEFFERSON	

8. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7 N	36 E	25											40	40					80
		27															40	40	80

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NOV 22 1988

Total acres 160

9. Describe any other water rights used for the same purpose as described above 31-0063B/T2403

PART 2

Transfer No. _____

10. To your knowledge, has any portion of this water right undergone a period of five or more consecutive years of non-use?

NO If yes, describe _____

B. DESCRIPTION OF PORTION OF RIGHT BEING TRANSFERRED

(If the entire right is to be changed by the applicant, omit part B and C.)

1. amount 0.74 cfs for IRRIGAION purposes from 4/1 to 11/1
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	27	7 N	36 E	JEFFERSON	

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7 N	36E	27															30	30	60

Total acres 60

C. DESCRIPTION OF UNCHANGED PORTION OF RIGHT *(omit if there is no change)*

1. amount 1.24 cfs for IRRIGATION purposes from 4/1 to 11/1
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)
   amount _____ for _____ purposes from _____ to _____
   (cfs/ac-ft)

2. Point(s) of Diversion:

Lot	¼	¼	¼	Sec.	Twp.	Rge.	County	Local name for diversion
		SE	SE	27	7 N	36E	JEFFERSON	

3. Lands irrigated or place of use:

Twp.	Rge.	Sec.	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	
7 N	36 E	26											40	40					80
		27															10	10	20

NOV 22 1988

Total acres 100

Transfer No. _____

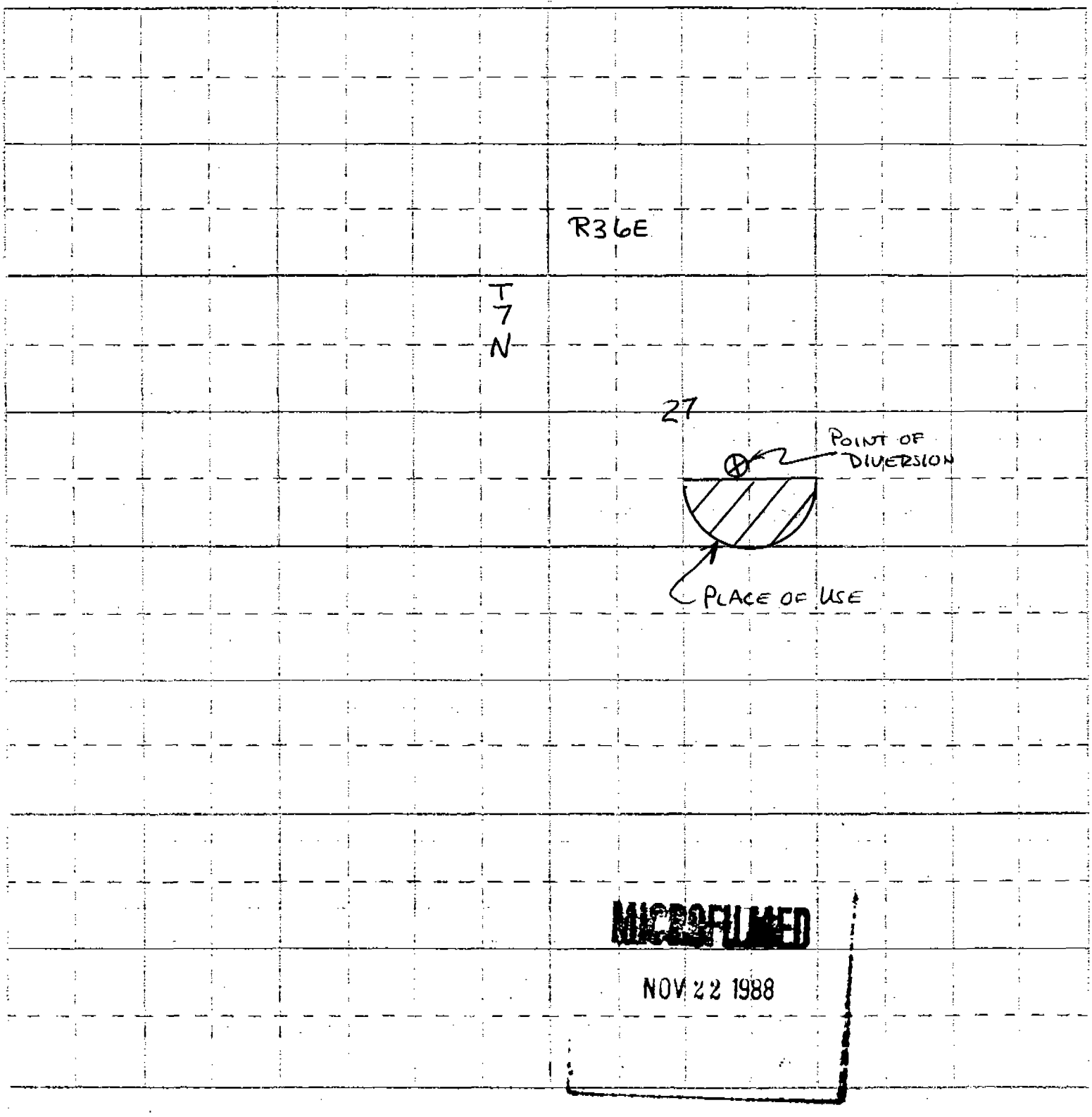
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 3

MICROFILMED

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for rights described in part 1. Clearly depict the land by section, township and range number.



MICROFILMED
NOV 22 1988

SCALE: 2 inches equal 1 mile. Draw plan in ink.

Transfer No. _____

PART 3

B. CHANGES IN NATURE OF USE

1. New Nature of Use	Amount (cfs/ac-ft)	Hours/days/year	Period of Use
			to
			to

2. Quantity and quality of return flows and location of discharge:

3. Describe effects on other water uses resulting from the proposed change:

I hereby assert that no one will be injured by such change and that the change does not constitute an enlargement in use of the original right. The information contained in this application is true to the best of my knowledge.

I understand that any willful misrepresentations made in this application may result in voiding its approval.

Richard Swaney
(Signature of Applicant)

Subscribed and sworn to before me this 7th day of March, 19 88.

Margaret G Wood
(Notary Public)

My commission expires June 28, 1991

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments

Received by KCWilson Date 15 Mar 1988 Protest filed by _____

Prelim. check by KCWilson Fee $50.00 # 46463 _____

Receipted by dg Date 3-4-88 _____

Published in _____ Copies of protest forwarded by _____

Pub. dates _____ Hearing held by _____ Date _____

Watermaster recommendation requested on _____ Recommended for ☐ approval ☐ denial

_____ rec'd. _____ by Sam _____

Copy of transfer sent to lien holder _____

MICROFILMED
NOV 22 1988

DAVID KINGHORN
JEFFERSON COUNTY ASSESSOR
COURTHOUSE
RIGBY, ID 83442

THIS IS NOT A BILL

PRESORTED
FIRST CLASS MAIL
U.S. POSTAGE PAID
PERMIT NO. P-001
RIGBY, ID 83442

CATEGORY DESCRIPTION	LOTS/ACRES	MARKET VALUE
1 IRRGTD AG	40.000 AC	16,400
5 DRY GRAZING	35.000 AC	1,050
10 RURAL HOMESITE	1.000 AC	5,600
19 WASTE	2.000 AC	
31 RURAL RES BLDG		62,877
32 RURAL IMP ON AG		10,816
58 MACH & EQUIP		25,200
TOTALS	78.000	121,943

TAXPAYERS 1987
VALUATION ASSESSMENT NOTICE

Taxes are based on the valuation listed on this statement

IF THERE ARE ANY QUESTIONS REGARDING THIS STATEMENT NOTIFY THE ASSESSOR'S OFFICE BEFORE

JUNE 22, 1987

See the reverse side for further references

KEEP THIS COPY FOR YOUR RECORDS

Mail To:
SAVAGE, NEAL W. & BONNIE H.
HC 69 BOX 1110
HAMER, IDAHO 83425

S1/2SE1/4 LESS HWY;
SEC 27 TWP7N RG36 EBM

PROPERTY ADDRESS
PARCEL NO. RP R2805200 A TAX CODE 37-00

MICROFILMED
NOV 22 1988

To: Splits of A31-00062 and A31-00063
Fr: Bryce A. Contor
Date: 3/16/2000

Re: Split analysis, competing claims.

These water rights are the splits of the original Hamer Canal Co. rights. They shared a common POU and common POD's. 31-00062 was for 21.2 cfs with priority 10/31/1917. 31-00063 was for 8.8 cfs with priority 5/1/1928. Total is 30.0 cfs. Both are groundwater rights.

Transfer 1584 added points of diversion. Subsequent transfers split off parts of the original right, as individual shareholders began diverting their shares from private wells on their own POU. Some subsequent transfers change POU or POD of these split-off portions. Adjudication claims have been received corresponding to each of these splits by formal transfer.

Following the formal transfers, a portion of the original rights remained unchanged, as recorded in WR record 31-00062Q and 31-00063Q. Competing adjudication claims have been filed on this remaining portion.

This memo outlines the history of splits, and gives some information on competing claims. It relies on the following documentation, which is filed with A31-00062A:

- GIS maps of history of formal transfers. Pages 1 through 10.
- GIS map of competing claims for the remaining portion (WR splits "62Q" and "63Q"). Page 11.
- GIS map showing 1987 irrigation of lands under WR splits "Q." Page 12.
- 1980 NAPP showing 1980 irrigation of lands under competing claims. Pages 13 and 14.
- Close-up from USGS map W41 showing Hamer Canal delivery system, enhanced by GIS. Page 15.
- Memo from president and past presidents of Hamer Canal Company regarding ownership of shares, June 25, 1983. Page 16.
- Affidavit from officials of Hamer Canal Company regarding ownership of shares, 1984. Page 17.

- Stipulation and Agreement of shareholders of Hamer Canal Company, 1980. Page 18.
- Ernie Carlsen memo of conversation w/ Neal Savage, June 1980. Page 19.
- Excerpt from USDA Water Facility Operations Proposal for the Hamer Canal Company, 1941. Pages 20 and 21.
- Second copy of Stipulation and Agreement with cfs notations. Page 22.
- Review of claims and comparison with Stipulation and Agreement. Pages 23 and 24.

The memo also relies on some documentation found in file A31-00062L regarding denied transfer application 2890, and conversations with Harold Jones and Ernie Carlsen. Jones and Carlsen were involved in the original transfers and in the investigation of application 2890.

I. History of Place of Use

While the decreed place of use covered approximately 3140 acres, Mr. Jones and Mr. Carlsen indicate that this was at best a service area rather than an actual place of use. With the severe leakage of the canal and the sandy soils in the area, 30 cfs would have been adequate for only a fraction of the original decreed acres.

GIS map # 12 shows that some of the areas covered by WR splits "Q" were not under irrigation in 1987 and likely had not been for some time. Jones and Carslen recall that additional GW licenses were developed for other lands under the Hamer Canal. Documentation in 31-00062L shows this for the Wade Yearsley places of use, and the WR and AJ databases bear this out for lands in section 23. Other places of use were not investigated.

It appears that all of the competing claims "L," "K," Q," and "S" all were under irrigation in 1980 and 1987. "L," however, is in a location that could not physically have been served by the Hamer Canal but would have to represent an accomplished transfer. This claim in fact is based upon the denied transfer application 2890. Jones and Carlsen indicate that they found no evidence that no original Hamer Canal lands were dried up to accommodate the transfer. Conversation memos in A31-00062L indicate that the claimant acknowledges that all the original Hamer Canal lands were still being irrigated.

Claims "K," "Q," and "S" are in locations where irrigation from the Hamer Canal would have been physically possible.

II. Overlapping Water Rights on Competing Claims

Claims "L" are overlapped by license 31-02337 and claim A31-02337. The license authorizes 1.68 cfs on 84 acres (0.02 cfs/acre). The AJ claim is for 112 acres, which is substantiated by GIS analysis.

The claimant appears to have an ownership claim on the unallocated Hamer Canal rights (see "ownership" below). Because no Hamer Canal lands have been dewatered, the Hamer Canal rights will have to overlap the licensed right, rather than cover the enlargement acres. The license is already for 0.02 cfs/acre, but since the lands are surface irrigated, a Hubble analysis might justify additional diversion rate on the licensed 84 acres. However, this becomes problematic in light of the enlargement; how do we justify a need for additional diversion rate, and at the same time justify additional acres without additional diversion rate? (Note that NWMD measured over 6.0 cfs; the license is for 1.68.)

Claimant has been requested to provide additional documentation of the history of the use of the claimed right. Further analysis and investigation will be filed in A31-00062L. At first blush it appears that even though claimant may have title to the right, there has not been a valid accomplished transfer or enlargement of the original Hamer Canal rights. Upon receipt of documentation I will continue review.

Claims "Q" are not overlapped by any WR or claim. I've requested documentation of use and ownership from claimant. Upon receipt, I will begin CVR investigation.

Claims "S" are overlapped by beneficial use claim A31-10503 and license-based claim A31-07203. These overlaps have not been investigated. Ownership review below indicates the claimant does have an interest in the Hamer Canal rights. I have also requested documentation and will proceed with CVR review upon receipt.

III. Ownership

Documentation of ownership is incomplete and contradictory:

1. Memo from past presidents of Hamer Canal Co. (1983, p. 16) indicates that "existing water rights in the Upper Hamer Canal Company, now belong to Dave Murdock and Loren McGarry." This is contradicted, however, by Rene Shurtliff's ownership documentation in transfer 4911 (1997). It is unclear if there may also be others with legitimate claims to the water apparently granted to Murdock by this memo. Specifically, it is unclear who now has title to the shares of Shirley and Lounsbury (see items 3, 4, and 5).

2. Affidavit of officials of Hamer Canal Co. (1984, p. 17) indicate that Dave Murdock "has purchased water rights in excess of the amount he is still using" and that he specifically had purchased the rights to 212 acres in sections 22

and 28. Wade Yearsley, owner of the lands, provided an affidavit that the Hamer Canal Water had been used on those lands but no longer is, and that he had no claim on the Hamer Canal shares. However, documentation in A31-00062L shows that those places of use continued to be irrigated under other rights and claims.

3. Stipulation and Agreement (1980, p18) accounts for 18.1 cfs of the 30.0 decreed cfs. The Neal Savage conversation memo (1980, p. 19) indicates that all the shareholders signed the Stipulation and Agreement. However, the list itself appears to only be a list of shares proposed to be transferred out of the company. No number of shares is listed for signers Ralph Lounsbury, Loren McGarry, or Dan Murdock. Further, "zero" shares are listed for Rene Shurtliff.

4. Water Facilities Operation Proposal (Pages 20 and 21) indicates that in 1941 there were 322 shares of stock outstanding. The stipulation asserts 5 miners inches per share. Thirty CFS * 50 inches/cfs * 1 share/5 inches indicates 300 shares outstanding.

5. The copy of the Stipulation and Agreement with cfs notations (Page 22) accounts for all of the stipulated shares except Lynn Shirley's.

6. Review of Claims (Pages 23 and 24) identifies claims associated with McGarry ("A"), Murdock's original shares ("K"), and Shurtliff ("J").

   Murdock's "L" claim, and Dalling's "Q" claim, are not linked back to any signers of the Stipulation and Agreement or any of the stipulated shares.

   The review accounts for all the stipulated shares except Shirley's and all the signers except Lounsbury and Shirley.

IV. Diversion Rate

The decreed diversion rate was 30.0 cfs. However, the Water Facilities Operation Proposal (Pages 20 and 21) indicates that in 1941, the canal was "assessing 322 shares of stock... and delivering approximately two miner's inches of water per share." This is only about 13 cfs. However, it is likely that part of the proposal, and part of transfer 1584, were efforts to recover diversion capacity lost to declining pumping water levels.

The formal transfers were all processed under the assumption that the original diversion rate was valid and I plan to do the same with AJ claims, as ownership and historical use documentation allows.

To: Splits of A31-00062
Fr: Bryce A. Contor
Date: 2/17/2000

Re: Split History

Attached are split histories for the WR side and AJ side. Primary documentation is in A31-00062A. Additional documentation is in A31-00063A. A31-00062J, and A31-00062H.

Claim A31-00062H, corresponding to WR 31-00062H, needs to be split per T4923. Transfer split WR into portions "S" and "T," but claim "S" has already been used to represent a part of original WR 31-00062Q.

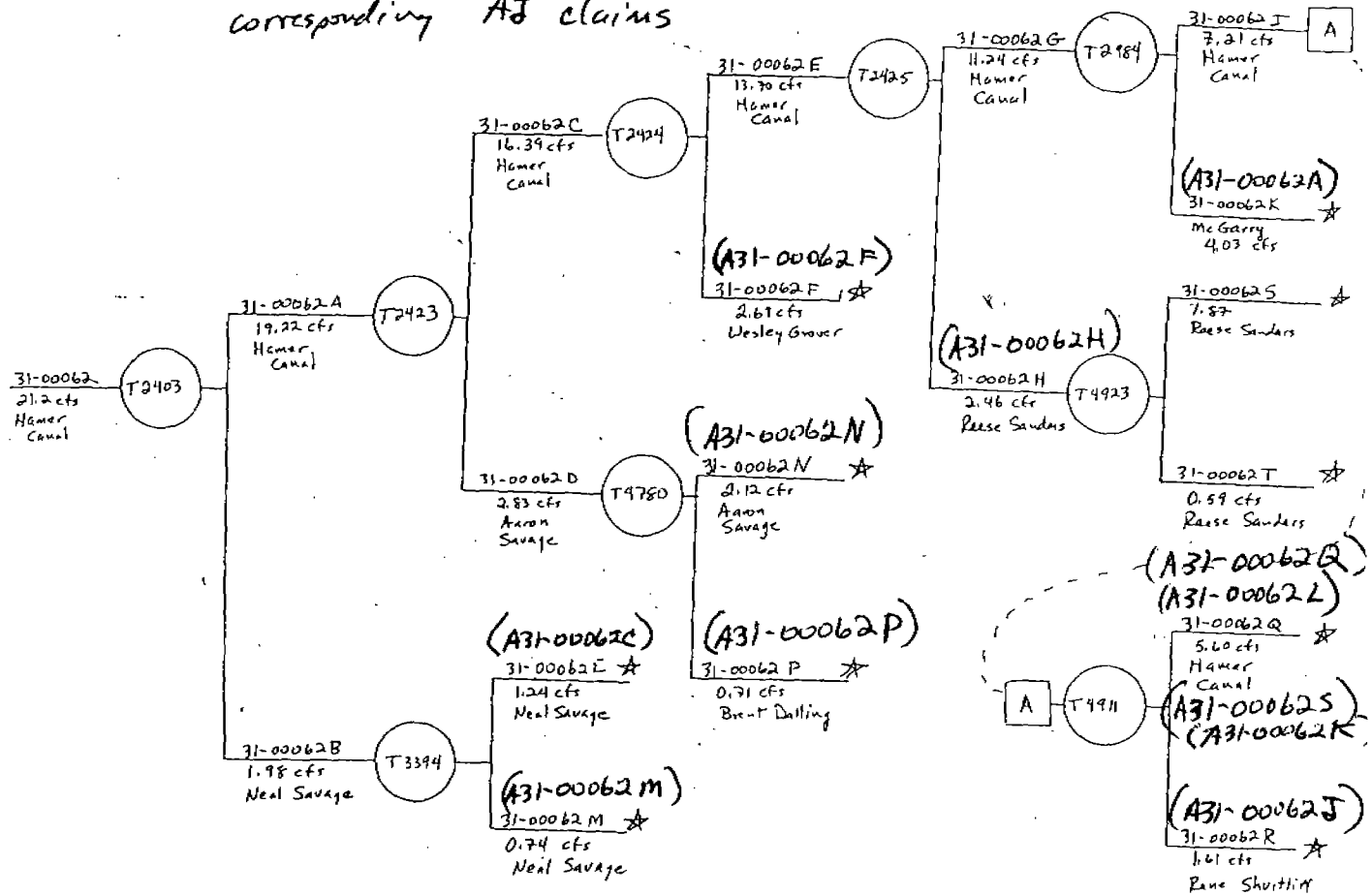
Four claims -- A31-00062K, A31-00062L, A31-00062Q, and A31-00062S -- appear to have their basis in WR 31-00062Q. These will need careful research of ownership history, original POU, and accomplished transfer. Memo in splits of '63 indicates that 31-00062Q is underclaimed, but this is incorrect. Both 31-00062Q and 31-00063Q are overclaimed.

Note that Hamer Elementary School has an irrigation well that may also reflect part of the original Hamer Canal Co. right. See file A31-10292.

NO

BAC 6/21/00

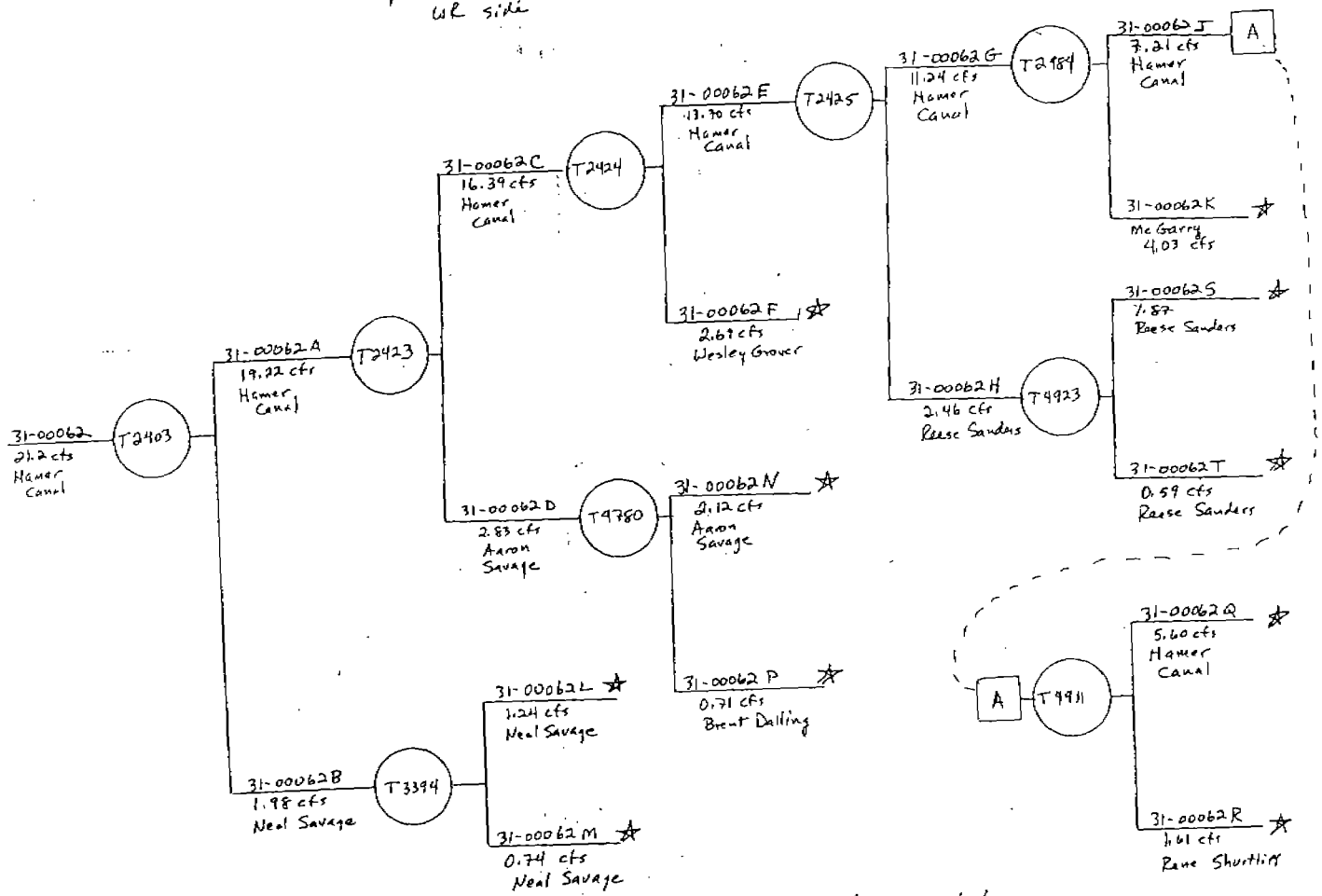
Split History of 31-00062
WR side — with
corresponding AJ claims



B. Conton 2/15/2000

Rights active on WR database
sum to 21.2 cfs.

Split History of 31-00062
WR side



B. Coulter 2/15/2000

Rights active on WR database sum to 21.2 cfs.

WR5747NP IDAHO DEPARTMENT OF WATER RESOURCE DATE: 03/22/97
WATER RIGHTS NUMBER INDEX PAGE: 1

WATER RIGHT NUMBER	NAME	CFS	
31-00062	SPLIT INTO 31-0062A & 31-0062B BY TRANS. 2403.		
31-00062A	SPLIT INTO 31-0062C & 31-0062D BY TRANS. 2423.		
31-00062B	Split into 31-00062L & M by Trans. 3394.		
31-00062C	SPLIT INTO 31-0062E & 31-0062F BY TRANS. 2424.		
31-00062D	THIS RIGHT SPLIT INTO PARTS N & P THRU APPROVED TRANSFER NO. 4780		
31-00062E	SPLIT INTO 31-0062G & 31-0062H BY TRANS. 2425.		
31-00062F	GROVER , WESLEY	2.69	2.69
31-00062G	RIGHT SPLIT INTO 31-0062J & K.		
31-00062H	RIGHT SPLIT INTO PARTS S & T THRU APPROVED TRANSFER NO. 4932.		
31-00062J	RIGHT SPLIT INTO PARTS Q & R THRU APPROVED TRANSFER NO. 4911.		
31-00062K	LOREN MCGARRY RANCHES	4.03	4.03
31-00062L	SAVAGE , NEAL	1.24	1.24
31-00062M	SAVAGE , NEAL	0.74	0.74
31-00062N	SAVAGE , AARON	2.12	2.12
31-00062P	DALLING , BRENT	0.71	0.71
31-00062Q	HAJER CANAL CO	5.60	5.60
31-00062R	SHURTLIFF , LELLA SHURTLIFF , RENE	1.61	1.61
31-00062S	SANDERS , REESE	1.87	1.87
31-00062T	SANDERS , REESE	0.59	0.57
			Σ = 21.20

WR Database

WR database agrees w/ this analysis 2/18/2000 BAC

Claim A31-00062/63 Splits
Doc Source Microfiche
31-00062 Sheet 6
Date 2/18/00 Sig. B. Conklin

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	NEAL SAVAGE HC 69 BOX 1110 HAMER ID 83425	10/31/1917	IRRIGATION	04/01	11/01	1.240 CFS TOTAL DIVERSION: 1.240 CFS	

Water Source: GROUNDWATER Tributary to: Stage: DECREED

Point(s) of Diversion: T07N R36E S27 SESE JEFFERSON County

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE				
T	R	S	NENE Lt Ac	NWNE Lt Ac	SWNE Lt Ac	SENE Lt Ac	NENW Lt Ac	NWNW Lt Ac	SWNW Lt Ac	SENW Lt Ac	NESW Lt Ac	NWSW Lt Ac	SWSW Lt Ac	SESW Lt Ac	NESE Lt Ac	NWSE Lt Ac	SWSE Lt Ac	SESE Lt Ac	SUM
07N	36E	26											40 40						80.0
07N	36E	27															10 10		20.0
																	TOTAL ACRES		100.0

Pou County: JEFFERSON

Dates: App. Received: Priority Date: 10/31/1917
Proof Due Date: Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: 31 Field Exam Fee:

Audit: 08/13/92 CURTIS