

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: A72-16276
Date Received: 12/ 6/1989
Receipt No: 5016567
Received By: KKC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: G. LYNN BACKUS 702-626-7353
Address: 1666 SPRING VISTA CT
SPARKS NV 89436

AND/OR

Name: SHARON L. BACKUS 702-626-7353
Address: 1666 SPRING VISTA CT
SPARKS NV 89436

2. Date of Priority: MAY 3, 1935

3. Source: VAN HORN CREEK Trib. to: MORGAN CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
17N	18E	25	NW	NE			CUSTER

5. Description of diverting works:
DAM AND DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	2.430		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
17N	18E	25	SW	NE		IRR	10.0

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10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
17N	18E	25	SE	NE		IRR	15.0
			NE	SE		IRR	40.0
			NW	SE		IRR	5.0
			SE	SE		IRR	40.0
						Section Acres	110.0
		36	NE	NE		IRR	18.0
						Section Acres	18.0
						Total Acres	128.0

11. Place of use in counties: CUSTER

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

13. Other Water Rights Used:
72-00155, 72-00156, & 72-00157.

14. Remarks:

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: _____

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: _____

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State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

18-Feb-1994

RE: ADJUDICATION CLAIM NO. A72-16276

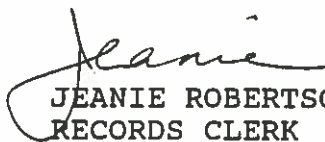
G LYNN BACKUS
SHARON L BACKUS
1666 SPRING VISTA CT
SPARKS NV 89436

DEAR CLAIMANT(S):

PLEASE FIND ENCLOSED YOUR RECEIPT AND A COPY OF A COMPUTER GENERATED CLAIM(S) BASED ON THE INFORMATION FROM YOUR ORIGINAL CLAIM(S) WHICH HAS BEEN ENTERED IN OUR COMPUTER RECORDS.

PLEASE REVIEW THE COMPUTER GENERATED CLAIM(S) FOR ACCURACY. IN A FEW INSTANCES CLARIFICATIONS MAY HAVE BEEN ADDED BY THE DEPARTMENT AT THE TIME OF DATA ENTRY. IF YOU HAVE ANY QUESTIONS OR OBJECTIONS REGARDING YOUR CLAIM(S), PLEASE CONTACT THIS OFFICE.

SINCERELY,


JEANIE ROBERTSON
RECORDS CLERK

/jr

Enclosures:

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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

172-16276

Date Received

2-18-94 KKC

Receipt Number

5016567

NOTICE OF CLAIM
TO A
WATER RIGHT
ACQUIRED UNDER STATE LAW

Please type or print clearly

1. Name of Claimant (s) G. L. ^d & S. L. BACKUS Phone (702) 626-7353Mailing Address 1666 Spring Vista Ct. Sparks, NV Zip 89436-26362. Date of Priority (Only one (1) per claim) 5-03-353. Source of water supply (a) VAN HORN CREEK
which is tributary to (b) MORGAN CREEK4. a. Location of existing point of diversion is: Township 17N Range 18E Section 25,
1/4 of NW 1/4 of NE 1/4, Govt. Lot, _____ B.M., County of CLUSTER

Additional points of diversion if any: _____

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

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

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

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

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

5. Description of existing diversion works (Dams, Reservoirs, Ditches, Wells, Pumps, Pipelines, Headgates, Etc),
including the dates of any changes or enlargements in use, the dimensions of the diversion works as
constructed and as enlarged and the depth of each well.DAM & DITCH

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6. Water is claimed for the following purposes:

(both dates are inclusive)

(cfs)

(acre feet)

For IRRIGATION purposes from 4/01 to 11/01 amount 2.43 or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

For _____ purposes from _____ to _____ amount _____ or _____

7. Total quantity claimed (a) 2.43 (cfs) and/or (b) _____ (acre feet)

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

9. Non-irrigation uses; describe fully (eg. Domestic: Give number of households served; Stockwater: Type and number of livestock Etc.) _____

10. Description of place of use:

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

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

TWP	RNG	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	
17N	18E	25			10.0	15.0									40.0	5.0		45.0	
		36			18.0														

Total number of acres irrigated 125.0

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

12. Do you own the property listed above as place of use? Yes X No _____

If your answer is No, describe in Remarks below the authority you have to claim this water right.

13. Describe any other water rights used at the same place and for the same purposes as described above.

72-00155, 00156, 00157 or None ()

14. Remarks:

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NOV 02 1994

Last Name _____ Ident No. _____

Copies: White -State, Yellow-Claimant

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

Decree _____

If applicable provide IDWR Water Right Number _____

Court _____ Case Number _____ Decree Date _____

Plaintiff vs Defendant _____

16. Signature (s)

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

Number of attachments _____

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

Signature of Claimant (s) J. L. Buckner Date 2/18/94

Date _____

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

Title

of _____, that I have signed the foregoing

Organization

document in the space below as _____ of _____

Title

Organization

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

Signature of Authorized Agent _____

Title and Organization _____ Date _____

State of Idaho/or _____)

County of Twin Falls) SS.

Subscribed and sworn (or affirmed) before me this 18th day of Feb. 19 94

Notary Public Kelly K. Christensen

Residing at Kimberly Rd. 83314

My Commission Expires 3-2-94

Please Print Name

17. Notice of Appearance

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

Signature _____

Address _____

Date _____

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NOV 02 1994

Last Name _____ Ident. Number _____

Copies White-State, Yellow-Claimant

Water Right Number - R72-16276

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***

BACKUS

G LYNN

1 - 1666 SPRING VISTA CT

2 -

3 -

City- SPARKS

Phone - 702-626-7353

1 - 1666 SPRING VISTA CT

2 -

3 -

City- SPARKS

Phone - 702-626-7353

VERIFIED BY KKC
State- NV Zip- 89436
11-3-98

BACKUS

SHARON L

State- NV Zip- 89436

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - - +
05/03/1935 17 SOUTHERN J - BENEFICIAL USE

+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
VAN HORN CREEK MORGAN CREEK

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

17N 18E 25 SE NE NW Gub 91 (37) CUSTER

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 04/15 10/15 2.430
04 - STOCKWATER 04/15 10/15 0.050

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
2.430 0.0

+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County

17N	18E	25	NW NE		2.5	01	IRRIGATION	(37) CUSTER
17N	18E	25	SW NE		22.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	SE NE		2.6	01	IRRIGATION	(37) CUSTER
17N	18E	25	NE SE		8.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	NW SE		20.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	SW SE		7.7	01	IRRIGATION	(37) CUSTER
17N	18E	25	NW NE			04	STOCKWATER	(37) CUSTER
17N	18E	25	SW NE			04	STOCKWATER	(37) CUSTER
17N	18E	25	SE NE			04	STOCKWATER	(37) CUSTER
17N	18E	25	NE SE			04	STOCKWATER	(37) CUSTER
17N	18E	25	NW SE			04	STOCKWATER	(37) CUSTER
17N	18E	25	SW SE			04	STOCKWATER	(37) CUSTER

Total Acres: 62.8

+ - - Diversion Means - DAM AND DITCH

Water right number - R72-16276

Prefix Translation: RESEARCH

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00155, 72-00156, & 72-00157.

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

QNT USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 3.74 CFS. COMBINED RIGHT NOS.: 72-00155,
72-00156, 72-00157, & 72-16276.

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF
A COMBINED TOTAL OF 62.8 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00155, 72-00156, 72-00157, & 72-16276.

GEN PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 326.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH THE POINT OF
DIVERSION DESCRIBED ABOVE:72-00155 72-00156, 72-00157, & 72-16276

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

No Old Water Right Numbers found.

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

NOS - THE QUANTITY OF WATER UNDER THIS RIGHT FOR STOCKWATER USE
- SHALL NOT EXCEED 13,000 GALLONS PER DAY.

NOS - THE QUANTITY OF WATER DECREED FOR THIS WATER RIGHT FOR
- STOCKWATER USE IS NOT A DETERMINATION OF HISTORICAL BENEFICIAL
- USE.

+ - - - Decree Plaintiff - - - +

+ - - - Decree Defendant - - - +

+ - Decree Date - +

00/00/0000

+ - - Audit Fields - 02/22/94 CHRISTEN 03/30/95 POST-STD 10/09/98 KCHRISTE

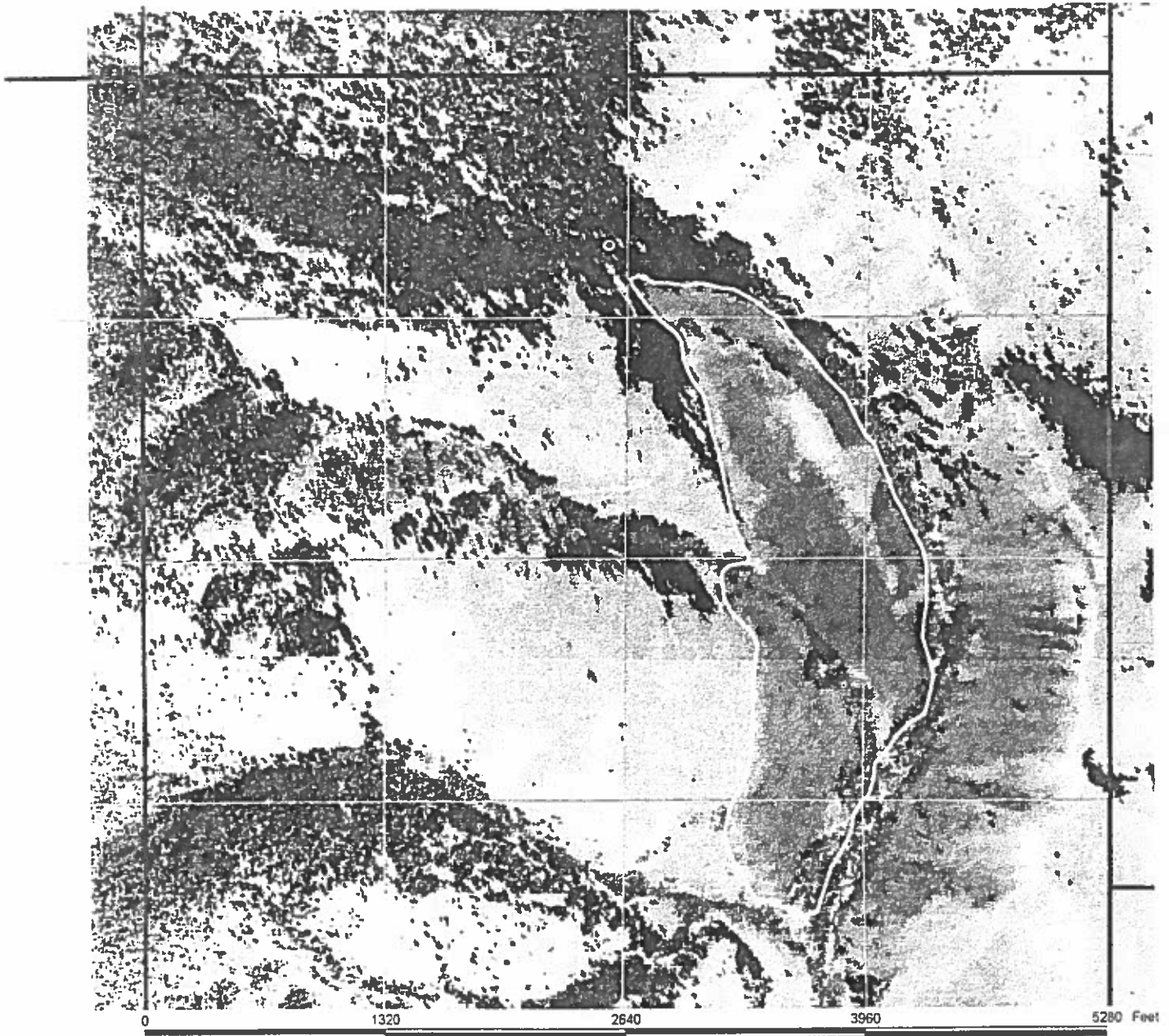
+ - - - - - Comments - - - - - +

No Comments Found

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/03/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 00/00/0000	Old Judicial District	-
Claim Received Date	- 02/18/1994	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	- 72F
Licensed Date	- 00/00/0000	Receipt Number	- S016567	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	- AND/OR	Notice of Error Flag	-

72-00155, 72-00156, 72-00157, & 72-16276
VAN HORN CREEK
BACKUS



RECOMMENDED PLACE OF USE
TWP 17N. RNG 18E, SEC 25
data entry on October 8, 1998



- ⊙ **RECOMMENDED POINT OF DIVERSION**
- RECOMMENDED PLACE OF USE**
- **SECTION LINES**
- **QUARTER/QUARTER LINES**

GIS PLACE OF USE PRESENTATION
1992 USDA-F AERIAL PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS 72-00155 72-00156
72-00157 72-16276

DATE: 10-8, 1998

REVIEWED BY KKC

CHALLIS AREA SOIL REVIEW

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
ATC	.15	.13			6.49	7.62
BB1	.09	.09			6.09	6.17
BC1	.16	.17			5.82	5.46
BK1	.07	.06			10.62	11.86
BT1	.18	.16			3.99	4.19
BT2	.41	.32			2.34	2.87
CB1	.06	.06			11.55	13.47
CHA	.21	.21			4.52	4.76
CP1	.36	.36			2.61	2.78
DB1	.13	.11			5.66	6.65
DBB	.13	.11			5.71	6.69
DBC	.13	.11			5.71	6.69
DMF	.18	.21			5.12	4.72
DRF	.18	.19			9.08	9.68
DT2	.05	.04			12.46	16.50
DWA	.14	.14			4.79	5.01
G01	.10	.12			12.47	10.51
KEG	.08	.07			8.73	10.06
MBF	.15	.12			7.65	5.81
MUG	.15	.14			4.54	4.98
NDL	.13	.12			5.30	6.06

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
PD2	.11	.12			5.15	4.74
Q	.26	.21			13.2	10.4
RE2	.29	.21			3.15	4.74
RP1	.19	.21			4.89	4.57
SH1	.06	.05			9.37	12.10
SOC	.08	.07			7.38	8.08
SSA	.15	.14			4.79	5.01
SXF	.12	.11			6.14	6.80
TC1	.06	.06			9.82	9.55
TD1	.04	.03			12.46	16.50
WB2	.13	.13			5.37	5.43
WAA	.19	.16			3.81	4.23
WBB	.17	.14			3.36	3.84
WC1	.07	.06			11.24	13.45
WPT	.19	.15			3.16	3.69
WV1	.07	.06			11.24	13.45
XHS						
YN1	.18	.14			5.38	6.92

The rate per acre calculations are based upon a 300 foot run at a 2% slope. An 8 hour set time was also used. Individual graded border evaluations, soil characteristics work sheets, and peak irrigation diversion requirement work sheets have been created and archived separately for each soil type.

Where actual rotation is shorter than the optimal rotation, optimal rotation is the criteria to be used for the recommendation analysis and, therefore, the rotation percentage adjustment is not necessary. The rate becomes the acres per soil type times the rate per acre from the above chart.

SOIL TYPE	OPTIMAL ROTATION / (chart)	ACTUAL ROTATION (field)	ACRES PER SOIL TYPE (field)	RATE PER ACRE (chart)	TOTAL DIVERSION RATE
<u>BC1</u>	<u>5.82</u>	<u>12</u>	<u>62.8</u>	<u>.16</u>	<u>4.87</u> CFS
					CFS
					CFS
					CFS

TOTAL ACRES _____

DECREED RATE = _____

CLAIMED DIVERSION RATE = _____

MEASURED DIVERSION RATE = 3.74 CFS

JM NUMBER 72-00155 72-0156 DATE 10-8-98

72-00157 72-16210 AGENT KKC

TRANSFER NUMBER _____

CLAIMED ACRE TOTAL 128

GIS ACRE TOTAL 62.8

	TWP	RNG	SEC	NE				NW				SW				SE				
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
AIM	17N	18E	25		-0-	10	15									40	5	-0-	40	110
IS					2.5	22.3	2.6									8	19.7	7.7		
COM					2.5	22	2.6									8	20	7.7		62.8
AIM	17N	18E	36	18																18
IS			36	-0-																
COM			36																	-0-
AIM																				
IS																				
COM																				
AIM																				
IS																				
COM																				

1-DBPOU.SHP

APE NOS.

157

1-DBPOD.SHP

S. DESCRIPTION

25 Sec 25

97 SENENW

155 - .80 CFS

156 - .25 CFS

157 - .21 CFS

total 1.31 CFS

limiting factor.

measured soils

3.74 CFS 4.87

F TABLES UPDATED

16276 - 2.43 CFS

1-DBPOU.DBF

total 3.74 CFS

1-DBPOD.DBF

R PROOF

CVR

MAPS

PHOTOS

MISC



*orig in
A72-00155*



*see
00155*



*orig in
00155*



Water Right Number - R72-16276

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
BACKUS

G. LYNN

1 - 1666 SPRING VISTA CT

VERIFIED BY KKC

2 -

3 -

City- SPARKS

State- NV Zip- 89436

Phone - 702-626-7353

BACKUS

SHARON L.

1 - 1666 SPRING VISTA CT

2 -

3 -

City- SPARKS

State- NV Zip- 89436

Phone - 702-626-7353

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
05/03/1935 17 SOUTHERN J - BENEFICIAL USE

+ - - - - Source - - - - - + + - - - - - Tributary - - - - - +
VAN HORN CREEK MORGAN CREEK

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

17N 18E 25 SW NW NE (37) CUSTER

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

01 - IRRIGATION 04/15 10/15 2.430

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
2.430 0.0

+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County

17N	18E	25	NW NE		2.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	SW NE		22.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	SE NE		2.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	NE SE		7.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	NW SE		21.0	01	IRRIGATION	(37) CUSTER
17N	18E	25	SW SE		6.0	01	IRRIGATION	(37) CUSTER

Total Acres: 60.0

+ - - Diversion Means - DAM AND DITCH

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00155, 72-00156, & 72-00157.

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NOV 02 1994

Water right number - R72-16276

Prefix Translation: RESEARCH

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

THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE: 72-00155, 72-00156, & 72-00157.
USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 3.74 CFS, A TOTAL COMBINED
ANNUAL CONSUMPTIVE USE VOLUME OF 150 AF, AND TO THE IRRIGATION
OF A COMBINED TOTAL OF 60 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00155, 72-00156, & 72-00157.
PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 326.

+ - - - - Old Water Right Numbers - - - - - +
No Old Water Right Numbers Found

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

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

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

+ - - Audit Fields - - +
02/22/94 CHRISTEN

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/03/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 02/22/1994	Old Judicial District	-
Claim Received Date	- 02/18/1994	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- S016567	Water District	- 72F
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

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NOV 02 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

16:38:48
02/23/94

PAGE: 1
GENERAL INFORMATION

1
CLAIM NUMBER: A72-16276

LAST: BACKUS
ADDRESS: 1666 SPRING VISTA CT
CITY: SPARKS
PHONE NUMBER: 702-626-7353

FIRST: G. LYNN
STATE: NV ZIP: 89436

OWNER CODE: C

LAST: BACKUS
ADDRESS: 1666 SPRING VISTA CT
CITY: SPARKS
PHONE NUMBER: 702-626-7353

FIRST: SHARON L.
STATE: NV ZIP: 89436

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

DATABASE
N

FIELD
EXAMINER

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NOV 02 1994

CONTACT PERSON: Sharon Bacus - Phone conv.

PHONE NUMBER: () -

DATE OF FIELD EXAM: 8/3/93

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY: No one

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT: _____

DIRECTIONS TO PROPERTY / NOTES:

Also office visit by both claimants on 2-18-94. They reviewed their
claims and my findings on them elected to file this claim for per
flow.

MICROFILMED
NOV 02 1994

A. AJ CLAIM: # A72-16276 PRIORITY DATE: 05-03-1935 STAGE: J

B. WR RECORD: NO WATER RIGHT RECORD TO MATCH THIS AJ CLAIM

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER

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

NOTES: *claimed priority date is one day after the decree date and the excess flows calculated to be necessary using the SCS soil info and the Border Program is considered to have been applied to this ground since the decree. The P/R & delivery system is the same as decreed.*

RECOMMENDED PRIORITY DATE:

OK

REVIEWED BY *KKC*

DATE *2-24-94*

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-16276	17N	18E	25	SW	NW	NE		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A72-00155 NONE
A72-00156
A72-00157

WR RECORDS IN SAME 40 ACRE TRACT

NONE

SOURCE: VAN HORN CREEK

TRIB: MORGAN CREEK

B. WR POINT OF DIVERSION AND SOURCE:

THERE IS NO WATER RIGHT RECORD WITH THE SAME CLAIM NUMBER

SOURCE: NO SOURCE FOR RECORD

TRIB: NO TRIBUTARY FOR RECORD

C. FIELD EXAM REQUIRED?

	DUE TO POD DISCREPANCY? (Y/N)	DUE TO SOURCE DISCREPANCY? (Y/N)	DATABASE	FIELD EXAMINER
			Y	_____
			Y	_____

NOTES:

*Found P/O as claimed (add 10 acre tract to legal desc)
Source & trib found as claimed.*

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RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY	DIVERSION NAME
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

SOURCE: Van Horn Co. TRIB: Morgan Co.

REVIEWED BY: KKC DATE: 2-24-94

SYSTEM DESCRIPTION:

See Attached narrative.

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A. ROOT WATER RIGHT NUMBERS: A72-16276
R72-16276

B. POU LISTING

						AJ #/ACRES	WR #/ACRES		LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
17N	18E	25	SW	NE	BACKUS, G. LYNN	A72-16276	/10.0	-	/	34.0	
			SW	NE	BACKUS, G. LYNN	A72-00157	/10.0	-	/		
			SW	NE	BACKUS, G. LYNN	R72-00155	/	-	/		
			SW	NE	BACKUS, G. LYNN	R72-16276	/22.0	-	/		
			SW	NE	BACKUS, G. LYNN	A72-00155	/10.0	-	/	22	22
			SW	NE	BACKUS, G. LYNN	A72-00156	/10.0	-	/		
			SW	NE	BACKUS, G. LYNN	R72-00156	/22.0	-	/		
			SW	NE	BACKUS, G. LYNN	R72-00157	/22.0	-	/		
17N	18E	25	SE	NE	BACKUS, G. LYNN	A72-16276	/15.0	-	/	2.0	
			SE	NE	BACKUS, G. LYNN	A72-00157	/15.0	-	/		
			SE	NE	BACKUS, G. LYNN	R72-16276	/ 2.0	-	/		
			SE	NE	BACKUS, G. LYNN	A72-00155	/15.0	-	/		
			SE	NE	BACKUS, G. LYNN	A72-00156	/15.0	-	/	2	2
			SE	NE	BACKUS, G. LYNN	R72-00155	/ 2.0	-	/		
			SE	NE	BACKUS, G. LYNN	R72-00156	/ 2.0	-	/		
			SE	NE	BACKUS, G. LYNN	R72-00157	/ 2.0	-	/		
17N	18E	25	NE	SE	BACKUS, G. LYNN	A72-16276	/40.0	-	/	5.0	
			NE	SE	BACKUS, G. LYNN	A72-00157	/	-	/		
			NE	SE	BACKUS, G. LYNN	R72-16276	/ 7.0	-	/		
			NE	SE	BACKUS, G. LYNN	A72-00155	/40.0	-	/		
			NE	SE	BACKUS, G. LYNN	A72-00156	/40.0	-	/	7	7
			NE	SE	BACKUS, G. LYNN	R72-00155	/	-	/		
			NE	SE	BACKUS, G. LYNN	R72-00156	/ 7.0	-	/		
			NE	SE	BACKUS, G. LYNN	R72-00157	/ 7.0	-	/		
17N	18E	25	NW	SE	BACKUS, G. LYNN	A72-16276	/ 5.0	-	/	30.0	
			NW	SE	BACKUS, G. LYNN	R72-00157	/21.0	-	/		
			NW	SE	BACKUS, G. LYNN	R72-16276	/21.0	-	/		
			NW	SE	BACKUS, G. LYNN	A72-00155	/ 5.0	-	/		
			NW	SE	BACKUS, G. LYNN	A72-00156	/ 5.0	-	/	21	21
			NW	SE	BACKUS, G. LYNN	A72-00157	/ 5.0	-	/		
			NW	SE	BACKUS, G. LYNN	R72-00155	/	-	/		
			NW	SE	BACKUS, G. LYNN	R72-00156	/21.0	-	/		
17N	18E	25	SE	SE	BACKUS, G. LYNN	A72-16276	/40.0	-	/		
			SE	SE	BACKUS, G. LYNN	A72-00157	/	-	/		
			SE	SE	BACKUS, G. LYNN	A72-00155	/40.0	-	/	0	- 0
			SE	SE	BACKUS, G. LYNN	A72-00156	/40.0	-	/		
17N	18E	36	NE	NE	BACKUS, G. LYNN	A72-16276	/18.0	-	/		

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SWSE

6 6

60 60

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
			NE	NE		BACKUS, G. LYNN	A72-00157 /18.0	- /			
			NE	NE		BACKUS, G. LYNN	A72-00155 /18.0	- /			
			NE	NE		BACKUS, G. LYNN	A72-00156 /18.0	- /			

TOTAL ACRES A72-16276 128.00 71.00 60 60

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER

POU COUNTY: CUSTER

PRESUMPTION FLAG:

NOTES:

see Attached narrative

RECOMMENDATIONS:

TOTAL ACRES: 60

REVIEWED BY: KKC

DATE: 2-24-94

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A. AJ CLAIMED USES:

PURPOSES
A72-16276 IRRIGATION

MONTH/DAY
FROM 04-01 TO 11-01

TOTAL DIVERSION RATE/VOLUME CLAIMED

DIVERSION QUANTITY
2.430 CFS

2.430 CFS

4-15 10-15 chg to
dept stand.

B. WR RECORDED USES:

PURPOSES

MONTH/DAY

DIVERSION QUANTITY

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

DATABASE FIELD EXAMINER
Y
Y
Y

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y() N(X)

RECOMMEND TO WR STANDARDS OR OTHER?

Y(X) N()

Explain in notes, below.

NOTES:

The claimed rate represents the difference between the legal limits. Calculated using the Border Program (Attached) exceeds the estimated system capacity, therefore the estimated capacity is considered the limiting factor.

3.74
decreased 1.31 CFS
diff 2.43 CFS

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y() N()

AJ TOTAL CLAIMED DIVERSION RATE: 2.430 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: CFS

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

FLOW MEASUREMENT REQUIRED?

FIELD
DATABASE EXAMINER

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

B.

MEASUREMENT METHOD

3.74 CFS

FLOW MEASUREMENT

estimated

SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: 72-00155, 72-00156, & 72-00157.

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-16276	VAN HORN CREEK	BACKUS, G. LYNN	2.430	0.018		
R72-00155	VAN HORN CREEK	BACKUS, G. LYNN	0.800	0.013		
A72-00155	MORGAN CREEK	BACKUS, G. LYNN	0.800	0.006		
A72-00156	MORGAN CREEK	BACKUS, G. LYNN	0.250	0.001		
R72-00156	VAN HORN CREEK	BACKUS, G. LYNN	0.250	0.004		
R72-00157	VAN HORN CREEK	BACKUS, G. LYNN	0.260	0.004		
A72-00157	MORGAN CREEK	BACKUS, G. LYNN	0.260	0.002		
R72-16276	VAN HORN CREEK	BACKUS, G. LYNN	2.430	0.040		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
R72-00155	STOCKWATER	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.050 CFS	
A72-00155	DOMESTIC	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.080 CFS	
A72-00155	STOCKWATER	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.050 CFS	
A72-00156	DOMESTIC	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.080 CFS	
A72-00156	STOCKWATER	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.050 CFS	

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CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A72-00157	DOMESTIC	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.080 CFS	
A72-00157	STOCKWATER	BACKUS, G. LYNN	FROM 01-01 TO 12-31	.050 CFS	

D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

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

1b. CALCULATIONS

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

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

2. IRRIGATION CONSUMPTIVE USE

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

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = _____ AF/A
ACRES _____ x DIVERSION VOL. AF/A FOR AREA _____ =
TOTAL DIVERSION VOLUME _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

*see attached Remark
worksheet for comb.
rights recommendations.*

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
		DATABASE EXAMINER	DATABASE EXAMINER	DATABASE EXAMINER
<u>irr</u>	<u>4-15 10-15</u>	<u>2.43</u>		
TOTAL FOR THIS RIGHT				
REVIEWED BY: <u>KKc</u>		DATE: <u>2-24-94</u>		

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A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP _____
FORFEIT/ABANDON _____
ADDITIONAL DIV. AMOUNT _____

ACCEPTED AS CLAIMED	NEEDS REVIEW
()	()
()	()
()	()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 72-16276

DATABASE

EXAMINER

CFS

TOTAL DIVERSION RATE OF WR SPLITS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A72-16276	2.430	R72-16276	2.430	-	
TOTAL CFS		2.430		2.430		

DIVERSION RATE REVIEW

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

DATABASE
N

FIELD
EXAMINER

NOTES:

AUTHENTICATION:

SIGNATURE:

Kelly A. Christensen

DATE:

2-24-94

NAME OF FIELD EXAMINER:

TITLE:

Sn Water Resource Agent

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NOV 02 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

16:38:48
02/23/94

PAGE: 13
QUICKLOOK INFORMATION

13
CLAIM NUMBER: A72-16276

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE	Y		8-3-93 KKC	N	L,2,5,6	KKC 2-24-94		
POINT OF DIV	Y		"	N	"	"		
SOURCE	Y		"	N	"	"		
PLACE OF USE	Y		"	Y	"	"		
DIV. AMOUNT CFS/VOLUME	Y		"	N	"	"		
CONSUMPTIVE USE	-		"	Y	"	"		
PURPOSES	Y		"	N	"	"		
PERIOD OF USE	Y		"	Y	"	"		
BASIS OF CLAIM	Y		"	N	"	"		
REMARKS			"	Y	"	"		

"VERIFIED BY" CODES

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

MAPS USED:

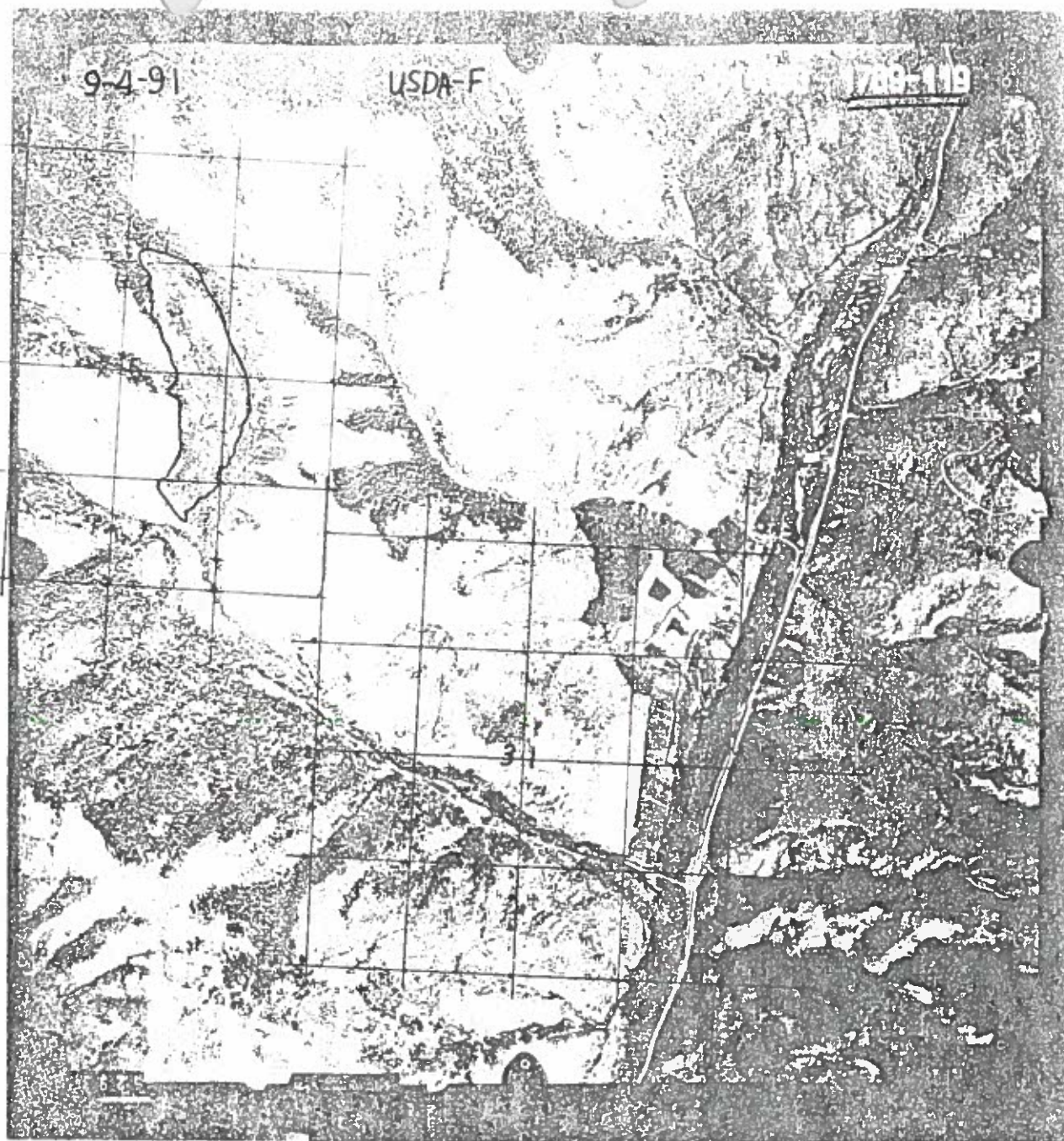
ASCS
ORTHO 5-74 1974
NAPP SCS-SOIL MAP 247-32
BEM USDA-F 1789-119 9-4-91

DATE:

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

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POOR ORIGINAL



section overlay determined by
creating a transparency of the Black
Mountain 1974 Quad map and
aligning the roads on each map
and then marking the section corners.

Reduced 71%

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For A72 - 86163
86164
86165
86166

7730 Woods Peak

CLAIM A72-60155-156-157 INIT KKC

T. R. S. Q/Q

P/D 17N 18E 25 SWNWNE

PHOTO S-74

DT. & ID. 1974 Flight

FOOR ORIGINAL

P/U total 30

60
H.

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9-4-91

PD measurement
Point

Picture
Location

Picture
Location

Map used for field notes
on efam 8-3-93. Measurement
& Photo locations. KKC

POOR ORIGINAL

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DATE: 12-13-93PAGE: 1/1AGENT: XKCFILES: Claims where SCS soilsBASIS FOR SOIL TYPE ANALYSIS Info. not available asATTACHMENT SUBJECT: AREA OF CONCERN:of this date17 N 18 E SEC. 25, 3617 N 19 E SEC. 18, 19, 20, 21, 29 & 3116 N 19 E SEC. 6

Available soils identification of Ground surrounding Morgan Creek ends with SCS map 243-32 which covers the junction of Morgan Creek & West Fork of Morgan Creek. The irrigated ground in this area (covered by claims A72-00158A, 00159A & 00160A) is classified as BC1. The physical appearance of this ground is similar to the irrigated parcels within the above legal descriptions therefore I have selected this soil type for the excess flow analysis.

Soils analysis conducted by the forest Service and provided by the claimant for rights A72-00165/00166 excludes private ground from their descriptions. The surrounding analyzed grounds are the steeper, timbered slopes that do not match the irrigated ground profile.

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FIELD EXAM ATTACHMENT

DATE: 1-22-94AGENT: KKCPAGE: 1/1FILES: A72-00155, 156, 157
± 16276

ATTACHMENT SUBJECT: _____

The place of use is strictly flood irrigated. Howard Cameron (used to irrigate this property) stated that this was an 'easy' place to irrigate and that he could do it with a relatively small ditch full of water. He had no idea w/ the div rate.

At exam date I found the ditch leading from the diversion point to be 'graveled in' and not capable of diverting the normal amount diverted (based upon ditch conditions). Note pics #1 & 2

The measurement location was south of the major ditch split but all the water was going down the western portion. This ditch was at approx 50% of capacity and the eastern ditch (dry) was estimated to be able to carry 60% of the measured ditch. System capacity is therefore estimated to be $1.17 \text{ CFS (measured)} \times 1.5\% = 2.34 \text{ CFS}$

$$2.34 \times 60\% = 1.40 \text{ CFS}$$

$$\text{Total capacity} = 2.34 + 1.40 = 3.74 \text{ CFS}$$

I reviewed these calculations with Mr. Bacus on 2-18-94 and he accepted them as a reasonable estimate & he filed an additional claim for _____ based upon existing conditions.

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FIELD EXAM ATTACHMENT

DATE: _____

PAGE: _____

AGENT: _____

FILES: _____

ATTACHMENT SUBJECT: System DescriptionGeneral considerations

The ~~P/U~~ is within an unsurveyed area and as such there has been a change in the legal description based upon better mapping & such rather than an actual change in P/U. Note changes in P/U & P/D with cond code CØ3 CØ5

The current system is one P/D with a dirt ditch running along the western border of the P/U and one other major ditch that splits at the northern edge of the P/U and swings southeast through the upper 1/4 of the P/U. A few other miscellaneous ditches start & stop within the P/U and are used to direct water to high spots.

While under irrigation several acres become swampy and do not require direct irrigation, I did not determine the boundary of this area but it may cover from 10 to 15 Acres. The P/U also receives water from an unnamed draw entering near the center of the P/U (from the ~~draw~~) The area within the P/U around the ~~draw~~ is also swampy and assumed to be from this source.

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GRADED BORDER EVALUATION

Job name: A72-00155 - A72-16276
By: KKC

Location: BC1 SOIL FOR 50 ACRES
Date: Feb 22, 1994

Roughness coefficient (n)= 0.250

Intake family (If)=3.00

Slope (S)= 0.0300 ft/ft

Border width (W)= 151 ft

Net application (Fn)= 1.72 inches

Border length (L)= 400 ft

Inflow time (Ti)= 8 hours, 0 minutes

Flow per Border (cfs)	Unit Flow (cfs/ft)	Gross Application (in)	Deep Percolation (in)	Runoff (in)	Application Efficiency (percent)	Notes
3.90	Gross depth is less than required gross application depth					
3.91	Gross depth is less than required gross application depth					
3.92	Gross depth is less than required gross application depth					
3.93	Gross depth is less than required gross application depth					
3.94	Gross depth is less than required gross application depth					
3.95	0.026	22.60	20.83	0.05	7.6	
3.96	0.026	22.66	20.83	0.10	7.6	
3.97	0.026	22.72	20.83	0.16	7.6	
3.98	0.026	22.77	20.83	0.22	7.6	
3.99	0.026	22.83	20.83	0.28	7.5	(2)
4.00	0.026	22.89	20.83	0.33	7.5	(2)

(2) Erosive stream-- non-sod forming crops.

Fifty acre base used as 10 Acres are considered swampy and irrigation water is not directly applied to that ground. Also water from an unnamed spring enters the prop & maintains that area under normal circumstances.

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CLAIM NO. --- A72-00155, -- A72-0016276 Lotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 02/22/94 Date form revised:
 4/21/93 by KKC

 SOIL CHARACTERISTICS

Soil Type = BC1; BIGLOST...GRAVELLY FINE SANDY LOAM
 Source of Soils Data = Printout From SCS State Office

soil depth (inches)		AWC (in/in)		PH		organic (%)		soil depth (inches)	AWC (in/in)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper	(ft)		flood	furrow
0	5	0.11	0.14	6.6	7.8	2	3	1	1.57	3	0.7
5	23	0.12	0.15	6.6	7.8			2	1.71		
23	60	0.02	0.04	6.6	7.8			3	3.44		
								4	3.80	alternate	
								5	4.17	method	
										NA	NA

Management Allowed Deficit (MAD)

crop	root depth (ft)	stress point (INCHES)	MAD	FIELD NOTES AND CALCULATIONS			
				FIELD 1	FIELD 2	FIELD 3	FIELD 4
alfalfa (hay or seed)	5	0.5	2.08	FIELD WIDTH	5450	0	
corn (field or silage)	4	0.5	1.90	IRRIGATION DAYS	12		
grain (winter or spring)	4	0.5	1.90	DRY DAYS	0		
pasture (or grass hay)	3	0.5	1.72	SET TIME(hours)	8		
other (enter below)				CALCULATED RUN (run = acres*43560/width)			
				LENGTH (RUN) =	400		
				CALCULATED BORDER WIDTH (ditch length/irr days * cha			
				WIDTH =	151		
				THEORETICAL ROTATION (mad/net irr req in inches per			
				SELECTED MAD =	1.72		
				ROTATION =	7.5 DAYS		

 PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CHALLIS
 Figure No = 10-15

crop	acres	system	recomm. eff.	Net Irrigation Requirement (mm/day)						
				mar	apr	may	jun	jul	aug	sep
PASTURE	50	FLOOD	7.6	1.47	3.84	4.87	5.86	4.56	3.23	2.07
ALFALFA		FLOOD		1.28	4.51	5.65	6.25	4.45	2.52	0.7

Summary 50 8 1.47 3.84 4.87 5.86 4.56 3.23 2.07
 Peak Net Irrigation Requirement (mm/day) = 5.86

 Program Operation based upon "GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES
 HUBBLE ENGINEERING INC. OCTOBER 1991
 Soil Characteristics based upon SOIL CONSERVATION SERVICE STUDIES
 Peak Irrigation Diversion based upon ALLEN & BROCKWAY WEATHER INFORMATION 1983

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NAME OF STREAM OR DITCH VAN HORN CREEK
 LOCATION ----- 100 YDS INTO THE P/U FROM NW BOUNDARY
 PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
 BASIS OF VELOCITY CALCULATIONS
 IF YOU ARE USING A PYGMY METER ENTER ----- 1
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ---- = 1
 FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE ----- A72-00155 & 00156, & 00157.
 AGENT CONDUCTING MEASUREMENT & DATE -- KKC 8-03-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
				1ST MEASUREMENT REVS	2ND MEASUREMENT TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
INITIAL POINT	0.00		0.00								
	0.00	0.00		0		0.00	0.000			0.00	0.00
	0.33	0.50		10	33.2	0.67	0.333	0.30		0.30	0.10
	1.33	0.88		30	22.4	0.83	0.729	1.34		1.34	0.98
	2.00	0.63		10	50.0	0.67	0.417	0.20		0.20	0.08
	2.67		0.31			0.33	0.104			0.10	0.01
END											
											1.17

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8-3-93

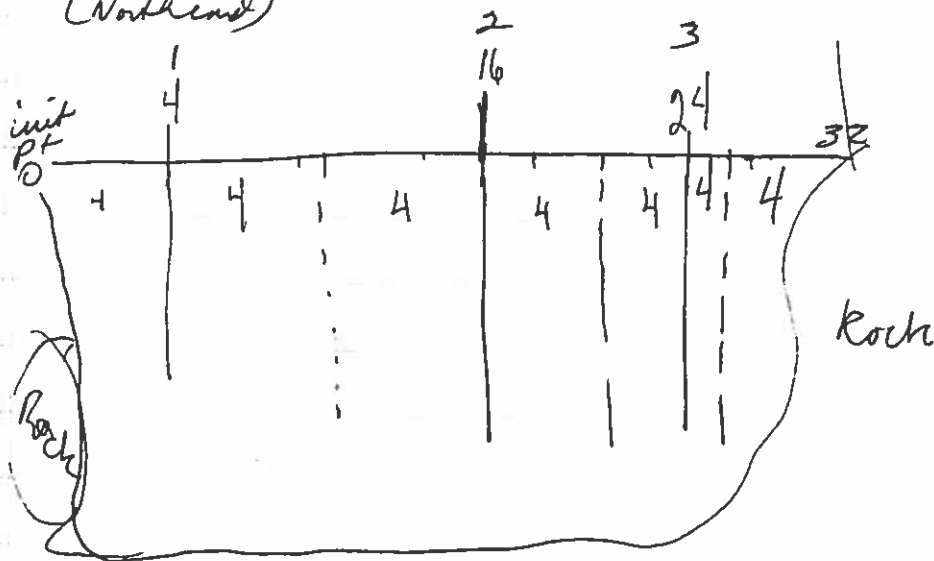
POOR ORIGINAL

Roll # 4 - pit # 6? P/O looking SE creek goes to left
clutch to right

#7 just below P/O showing log holding some
water back from creek.

#8 measurement location looking east

Approx 100 yards within P/U boundary
(Northend)



Stat	depth	REV	Sec	water clear bottom rocky
1	6"	10	35	upto 5' tried to remove
		10	31.4	most rocks to give a
2	10 1/2	30	21.79	relatively smooth bottom
			23.06	sides vert but irregular
3	7 1/2	10	55.35	minimized veg.
			44.56	measurement fair
				ditch near capacity under
				current conditions

3 separate P/Os taken of P/U first two looking SE

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REMARK AND CONDITION CODE WORKSHEET

POOR ORIGINAL

SYSTEM CLAIM NUMBERS		
A72	00155	A72 16276
—	00156	—
—	00157	—

AGENT
INITIALS KKC
DATE 2-22-94

CLAIM NO. OR ENTRY ORDER	REMARK CODE	ENTRY DATA	CONDITION CODE	STAGE OR STATUS	PRESUMPTION CODE
	F06	72-00155 72-00156			C
	J02	72-00157, 72-16276 HCS-326	C02	1/2 chg some incorrectly listed & decreed	
	E12	3.000 74 150 AFA 60 Acres.	C03	1/2 charge P/D legal diff from decreed. No physical change	
			C05	1/2 charge P/D legal no physical change thing	

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