

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: A72-04029
Date Received: 12/07/1989
Receipt No: M005338
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: DELBERT M. HUGHES 208-879-2365
Address: HC 61 BOX 3054
CHALLIS, ID 83226
OR
Name: DONNA L. HUGHES 208-879-2365
Address: HC 61 BOX 3054
CHALLIS, ID 83226

2. Date of Priority: APR 01, 1967

3. Source: SALMON RIVER Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	R	County
15N	19E	24	NE	SW				CUSTER
		25	SW	NW		4		CUSTER

5. Description of diverting works:
HEADGATE & DITCH, PUMP IN DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	1.600		

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

8. Total consumptive use is 200.0 Acre Feet Per Annum.

9. Non-irrigation uses:

A72-04029

Page 1

Date: 12/07/89

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MAR 18 1993

10. Place of Use:

Township	Range	Section	1/4	of	1/4	Lot	Use	Acres
15N	19E	24	NW		NE	2	IRR	3.0
			NE		NW		IRR	25.0
			SE		NW		IRR	32.0
			NE		SW		IRR	20.0
							Section Acres	80.0
							Total Acres	80.0

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:

A72-00147, A72-00148, A72-04028, A72-04177

14. Remarks:

15. Basis of Claim: STATUTORY CLAIM

16. Signature(s)

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

Number of attachments: _____

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): Robert M. Hughes Date: Dec 7, 1989

Date: _____

State of Idaho)
County of Custer) SS.

Subscribed and sworn (or affirmed) before me this 7th day
of December 19 89 Steve C. [Signature]
Notary Public

Seal

Residing at Twin Falls, Idaho

My Commission Expires December 7, 1994

UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

cooperating with
CUSTER
S. C. DISTRICT

OWNER *Ivan Hughes*
OPERATOR *Delbert Hughes*
Custer
COUNTY

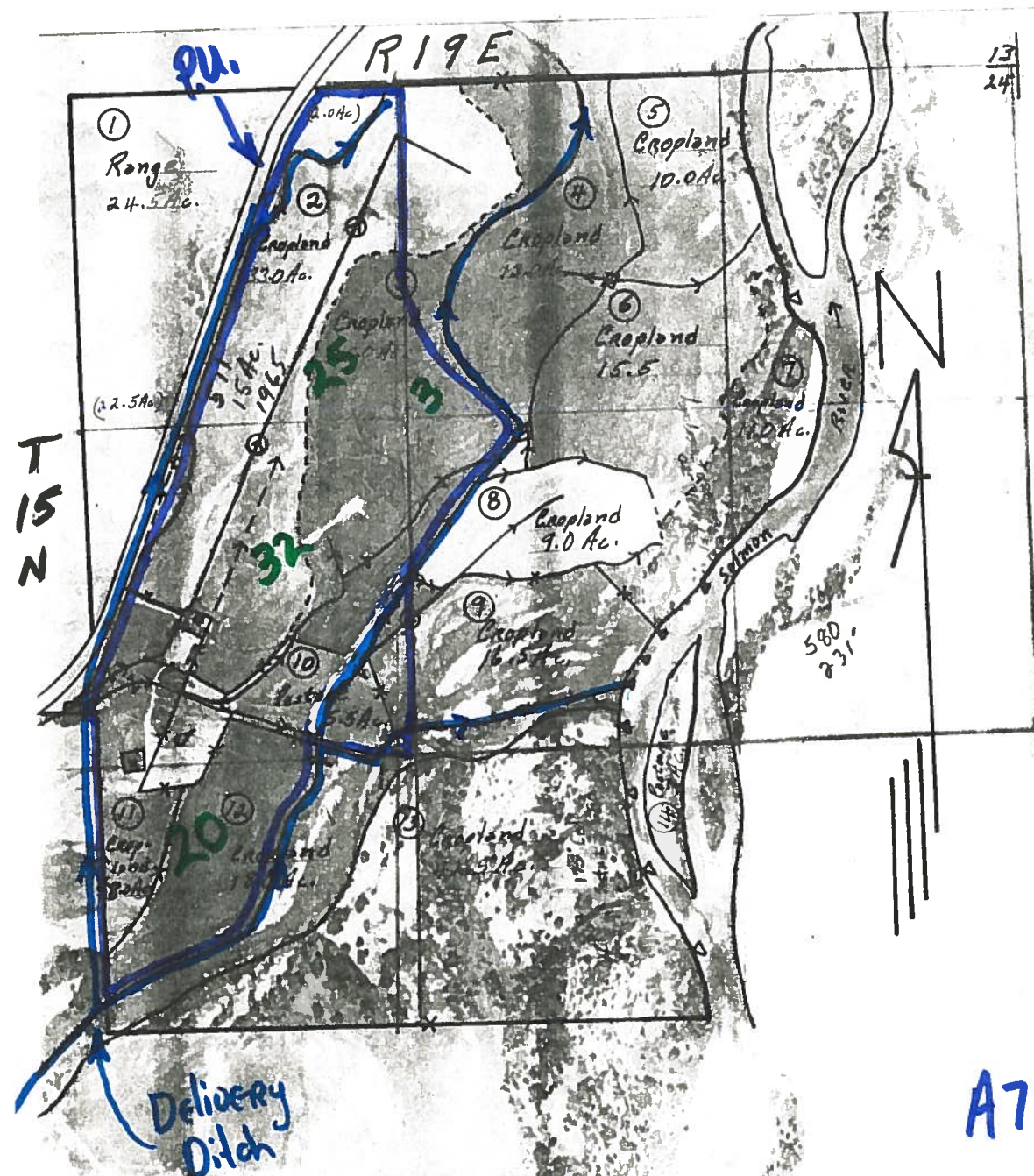
Idaho

FARM NO. 161 DATE 11/62

DATE 11/62

SCALE 8" = 1 mi ACRES 238

PHOTO NO. CVG-19W-84



A72-04029

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MAR 18 1993

MEMO TO FILE

MEMO TO A72-04028

DECEMBER 11, 1989

A72-04029

A72-04030

A72-04177

CC: DELBERT HUGHES

RE: AFFIDAVITS

I FOUND THE DOCUMENTS FOR THESE CLAIMS IN THE MICROFICHE FILES AT SOUTHERN REGION. COPIES HAVE BEEN MADE AND ATTACHED TO THE CLAIMS FILED IN THE ADJUDICATION. COPIES ALSO SENT TO MR. HUGHES FOR HIS RECORDS.

A72-04177 DID NOT HAVE AFFIDAVITS ON RECORD IN THE FILES; NO ATTACHMENTS MADE TO FILE.

STEVE CLELLAND

MICROFILMED

MAR 18 1993

I hereby attest to the fact water was first used on the lands now owned by Robert J. Hughes in 1996 2nd concurrently used in Montana County

the lands are described as follows Section 36, Township 14N, Range 12E, T14N, R12E, S4

the point of diversion is located in the SW 1/4 of Section 36 in Montana County

I have personal knowledge these facts are true.

Ralph H. Hutchinson

Signed James T. Williamson
Notary Public for Idaho
Ogilvie, Idaho

72-04028

MICROFILMED

I hereby attest to the fact water was first used on the lands now owned

by Robert J. Bradley in 1900 March 16 1900 FD

the lands are described as follows Section 24, T. 24 N., R. 24 E., S. 24

the point of diversion is located in the SW 1/4, T. 24 N., R. 24 E., S. 24

I have personal knowledge these facts are true.

Robert J. Bradley

Signed Robert J. Bradley

Notary Public for Idaho

Chandler, Idaho

I hereby attest to the fact water was first used on the lands now owned

by Robert J. Bradley in 1900 March 16 1900 A.R.

the lands are described as follows Section 24, T. 24 N., R. 24 E., S. 24

SW 1/4, T. 24 N., R. 24 E., S. 24 Chandler, Idaho

the point of diversion is located in the SW 1/4, T. 24 N., R. 24 E., S. 24 Chandler, Idaho

I have personal knowledge these facts are true.

Robert J. Bradley

Signed Robert J. Bradley

Notary Public for Idaho

Chandler, Idaho

72-04028

Cham

I hereby attest to the fact water was first used on the lands now owned
by Delbert M. Hughes in 1900 and continuously **FB**
the lands are described as follows 1.6 acres N.W. 1/4 Sec. 10, T. 10 N., R. 10 E., S. 10 E.,
containing 1.6 acres of land.
the point of diversion is located in the 1/4 Sec. 10, T. 10 N., R. 10 E., S. 10 E.,
I have personal knowledge these facts are true.

Signed Ernest T. Stevenson
Notary Public for Idaho
Challis, Idaho

D. Lloyd Bradley
RECEIVED

MAY 17 1977

Department of Water Resources
Southern District Office

72-04028

MICROFILMED
MAR 1 2 1983



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS
Governor

March 2, 1992

R. KEITH HIGGINSON
Director

A72-04029
DELBERT M. HUGHES
DONNA L. HUGHES
HC 61 BOX 3054
CHALLIS

ID 83226

Letter not sent

RE: Evidence of Priority

RESPONSE DEADLINE

MAY 1, 1992

Dear Claimant:

The Notice(s) of Claim identified with the number shown above your name on the mailing label has been filed in the Snake River Basin Adjudication (SRBA). The Notice(s) indicate your water usage is based on "Beneficial Use" or a "Statutory Claim". Water rights of this type are established by the historical use of water, dating back to when water was first used for the purpose claimed. The date of first use, known as the priority date, has not been confirmed by a License, Decree or Permit. The Department will soon conduct reviews &/or field exams for the claims in your area. Since the priority date of a beneficial use water right can not be confirmed by field examination, proof must be provided supporting the claim.

no

lat

CLAIM # A72-04029

Some evidence of priority was found on micro fiche records.
Evidence of priority letter not sent to claimant.

Evidence on micro fiche Claim # 72-04029

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MAR 18 1993

I hereby attest to the fact water was first used on the lands now owned

by Robert M. [unclear]

in

1961 April 1st 1961

the lands are described as follows

1/4 Sec 10, T14N, R14E, S1E

the point of diversion is located in the

SW 1/4

I have personal knowledge these facts are true.

Signed, [Signature]
Notary Public for [unclear]

[Signature]

[Signature]

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MAR 18 1993

A72-04029

I hereby attest to the fact water was first used on the lands now owned *nps*
by *Robert J. Thompson* in *1967* and *continuous use*
the lands are described as follows *1/4 Sec 2, T1N, R1E, S1W, 1/4*

Section 2, T1N, R1E, S1W, 1/4
the point of diversion is located in the *1/4 Sec 2, T1N, R1E, S1W, 1/4*
1/4 Sec 2, T1N, R1E, S1W, 1/4
I have personal knowledge these facts are true.

Signed *Robert J. Thompson*
Notary Public (or I do)
Chatter, Idaho

My Comm. Expires

A72-04029

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MAR 18 1993

+	-	-	Other Rights for Same Use	-	A72-00147, A72-00148, A72-04028, A72-04177	
+	-	-		-	Remarks	No Remarks found.

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MAR 18 1993

Prefix Translation: ADJUDICATION CLAIM

Court Report Filing	-	00/00/0000	Field Inspection Made	-	00/00/0000	Civil Case Number	-	39576
Objection Filed Date	-	00/00/0000	Field Inspection Flag	-	-	Old Case Number	-	-
Response Filed Date	-	00/00/0000	Verified Date	-	05/06/1985	Old Judicial District	-	-
Claim Received Date	-	12/07/1989	Last Amended Date	-	00/00/0000	Temporary Right	-	P
Proof Due Date	-	00/00/0000	Proof Made Date	-	00/00/0000	Water District	-	-
Licensed Date	-	00/00/0000	Receipt Number	-	M005338	Federal/State Indicator	-	S
Claims Tape Error Flag	-	-	POU Ownership Flag	-	Y	Presumption Flag	-	-
See Exempt Flag	-	-	Name Connector	-	OR	Notice of Error Flag	-	-

MICROFILMED
MAR 18 1993

November 20, 1998

**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: December 18, 1998

Water right number: 72-04029

DELBERT M HUGHES
DONNA L HUGHES
HC 61 BOX 3054
CHALLIS ID 83226

Daytime Telephone Number:

Evening Telephone Number:

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

2. Describe the changes you wish to make in the proposed recommendation:

3. Give a brief explanation as to why you disagree with these portions:

☒ I AGREE with this proposed recommendation; no changes need to be made.

DATE: 12/9/98

SIGNATURE: Delbert Hughes

Please print your name: Delbert Hughes

Water Right Number - R72-04029

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***

HUGHES

DELBERT M

1 - HC 61 BOX 3054

2 -

3 -

City- CHALLIS

State- ID Zip- 83226

Phone - 208-879-2365

HUGHES

DONNA L

1 - HC 61 BOX 3054

2 -

3 -

City- CHALLIS

State- ID Zip- 83226

Phone - 208-879-2365

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
04/01/1967 17 SOUTHERN J - BENEFICIAL USE+ - - - - Source - - - - - + + - - - - Tributary - - - - - +
SALMON RIVER SNAKE RIVER+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Diversion Name15N 19E 25 SE SW NW *GDS 46* (37) CUSTER+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION 04/15 10/15 1.600

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
1.600 0.0+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County

15N	19E	24	NW NE	2	13.0	01	IRRIGATION	(37) CUSTER
15N	19E	24	SW NE		4.6	01	IRRIGATION	(37) CUSTER
15N	19E	24	NE NW		16.0	01	IRRIGATION	(37) CUSTER
15N	19E	24	SE NW		31.0	01	IRRIGATION	(37) CUSTER
15N	19E	24	NE SW		17.0	01	IRRIGATION	(37) CUSTER

Total Acres: 81.6 *GDS 132*

+ - - Diversion Means - HEADGATE & DITCH, PUMP IN DITCH

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00147, 72-00148, AND, 72-04177

+ - - - - Remarks - - - - -

POU1 USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO THE

Water right number - R72-04029

Prefix Translation: RESEARCH

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

IRRIGATION OF A COMBINED TOTAL OF 81.6 ACRES IN A SINGLE
IRRIGATION SEASON. COMBINED RIGHT NOS.: 72-00147, 72-00148, AND
72-04177.

THIS RIGHT IS LIMITED TO THE IRRIGATION OF 80 ACRES WITHIN
THE PLACE OF USE DESCRIBED ABOVE IN A SINGLE IRRIGATION SEASON.

*add
QNT
RMK
12.9 CFS*

EXP RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF
DIVERSION OF THESE RIGHTS IS LIMITED TO 11.91 CFS (capacity of
diversion system). OTHER RIGHT NOS.: 72-04028, 72-04031, AND
72-10306.

4029

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

No Old Water Right Numbers found.

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

No Conditions of Approval found.

+ - - - - Decree Plaintiff - - - + + - - - - Decree Defendant - - - + + - - Decree Date - +

00/00/0000

+ - - Audit Fields - 11/13/92 CLELLAND 01/11/94 CHRISTEN 03/30/95 POST-STD 10/06/98 KCHRISTE

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

No Comments Found

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/19/1993	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	- 12/07/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
Proof Due Date	- 00/00/0000	Proof Made Date	- 00/00/0000	Water District	-
Licensed Date	- 00/00/0000	Receipt Number	- M005338	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	-
		Name Connector	- OR	Notice of Error Flag	-

CLAIM NUMBER72-04029DATE10-6-98TRANSFER NUMBER
AGENTKKECLAIMED ACRE TOTAL80
GIS ACRE TOTAL81.6

P/U is Above Santee Ditch

	TWP	RNG	SEC	NE				NW				SW				SE				
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
CLAIM	15N	19E	24		3			25			32	20								80
GIS					12.7	4.6		16.3			30.6	16.7								
RECOM					13	4.6		16			31	17								81.6
CLAIM																				
GIS																				
RECOM																				
CLAIM																				
GIS																				
RECOM																				
CLAIM																				
GIS																				
RECOM																				

B72-DBPOU.SHP

SHAPE NOS.
132 above Santee ditch

As of this date the found acres exceed the claimed acres by 1.6 acres. Therefore absent an amendment to the claim, I can only recommend this right for 80 acres (RMK POU1-K06) within a PPU of 81.6 acres.

B72-DBPOD.SHP

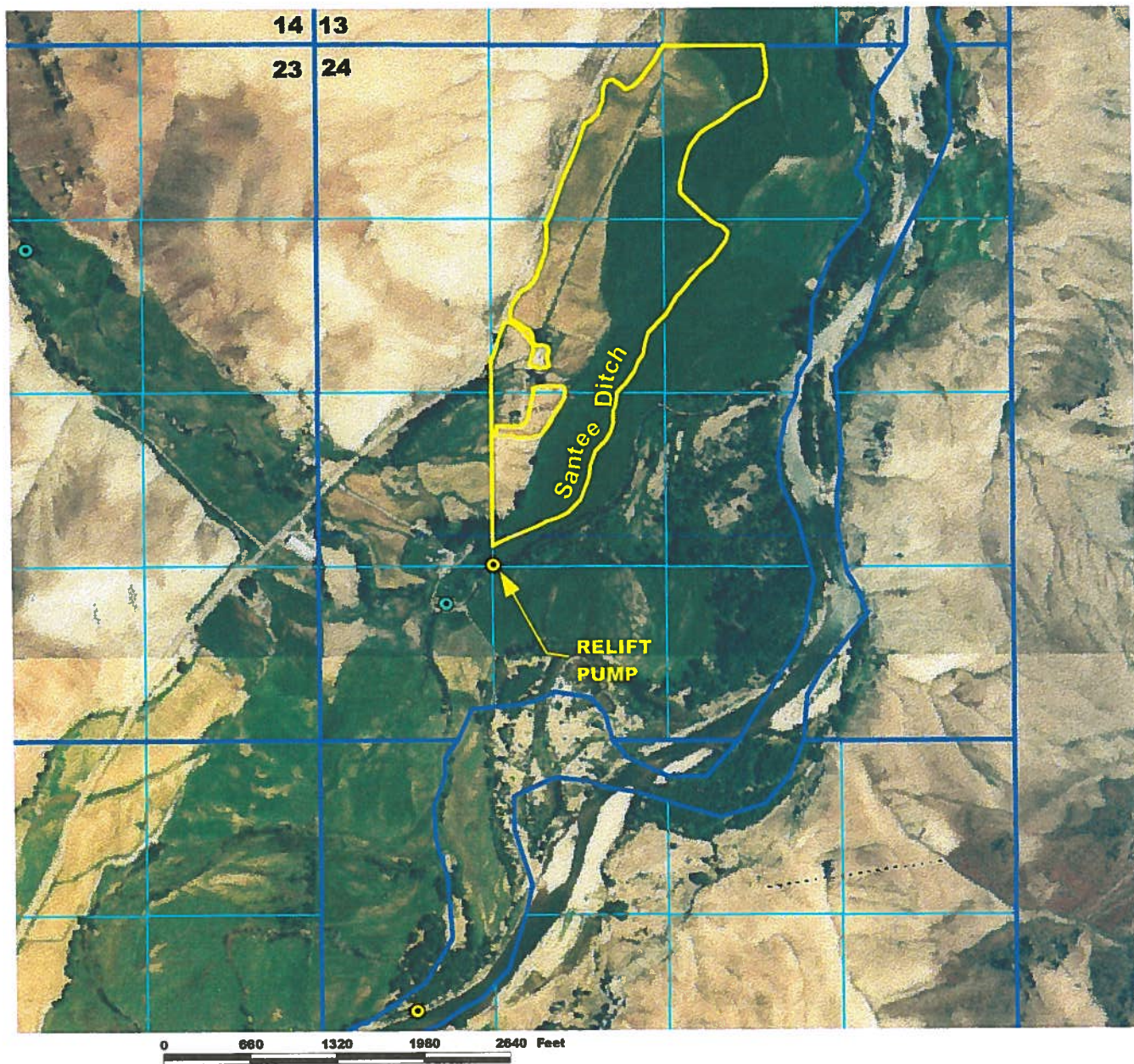
NOS. DESCRIPTION
46 Sec 25
SE SW NW
(Lot 4)
Sec 24 - Relift Pump.
SW NESW

DBF TABLES UPDATED

B72-DBPOU.DBF

B72-DBPOD.DBF

72-04029
SALMON RIVER RIGHT
HUGHES



RECOMMENDED PLACE OF USE
TWP 15N. RNG 19E, SEC 24
data entry on August 6, 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 1991 REVISED HUBBLE ANALYSIS PROCEDURES

~~72-04029~~

CLAIM NUMBERS

72-04029

DATE: 10-6, 1998

For P/u above
Santee Ditch

REVIEWED BY KRC

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
BB2						
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
DT2	.05	.04			12.46	16.50
DWA	.14	.14			4.79	5.01
G01	.10	.12			12.47	10.51
HAYSE						
KEG	.08	.07			8.73	10.06
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
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
Q	.26	.21			13.22	10.39

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
BB1	6.17	10	29.4	.09	= 1.63 CFS
G01	10.51	10	10.6	.12	= 1.27 CFS
RP1	4.57	10	35.7	.21	= 3.43 CFS
BT2	2.87	10	5.9	.32	= .54 CFS

TOTAL ACRES 81.6

1/2 of the P/u

DECREED RATE =

CLAIMED DIVERSION RATE =

MEASURED DIVERSION RATE =

total 6.87 = 0.084 CFS/Ac

R PROOF

CVR

MAPS

PHOTOS

MISC

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NOV 0 1 1994



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-Oct-1993

DELBERT HUGHES
HC 61 BOX 3045
CHALLIS ID 83226

RE: SYSTEM ANALYSIS FOR ADJUDICATION CLAIMS FILED ON PROPERTY
AT MOUTH OF MORGAN CREEK.

Dear Mr Hughes

The following is the information determined from my field
verification of your claims.

DITCH MEASUREMENTS

Morgan Creek (on Savage property)	7.14 cfs (MEASURED)
Morgan Creek (at Santee ditch crossing) not measured at this point.	capacity considered close to Salmon River measurement.
Salmon River	8.04 cfs (MEASURED)
theoretical based upon an additional 6" depth =	11.91 cfs (THEORETICAL)
Pump diversion from Santee ditch theoretical	1.43 cfs (THEORETICAL)

ACREAGE DETERMINATION

Total acres above Santee ditch being irrigated with M Cr water.	<u>75</u> acres
Total acres below Santee ditch being irrigated with M Cr water.	<u>76</u> acres
Total acres being irrigated with waste water	19 acres

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NOV 01 1994

HUGHES
PAGE 2
18-Oct-1993

MORGAN CREEK SYSTEM

Soils and irrigation analysis indicate that 13.23 cfs of Morgan Creek water would be required to irrigate the 151 found acres.

SALMON RIVER SYSTEM

System analysis indicates a 1.43 cfs capacity for the 75 acres under the pump system and 9.21 cfs requirement for the 76 acres below the Santee ditch being irrigated with Salmon River water. This gives a total of 10.64 cfs that could be recognized.

WASTE WATER SYSTEM

System analysis of the 19 acres irrigated with waste water resulted in a required diversion rate of 1.31 cfs.

Based upon currently available information the above rates and acres reflect the basis for my potential recommendation of your claims. As you indicated that you wished to claim 'high' water or excessive flow for all three systems and some of your current claims do not reflect your indications or my analysis, I have enclosed copies of;

A72-04028 - source, Salmon River for 96 acres @ 3.84 cfs
A72-04177 - source, Morgan Creek for 81 acres @ 4.00 cfs.

Please cross out any information you wish to change and then enter your corrections by that location. Please initial each change to indicate that you were the individual that made the changes. The corrected claim form needs to be notarized when you sign it before I am allowed to change your claim. As these are your claims please change them only according to your wishes, not necessarily as I have analyzed your system.

I realize that this letter is extremely brief and does not address many aspects of your claims so please call me if you want to discuss anything relating to the claims.

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NOV 01 1994

HUGHES
PAGE 3
18-Oct-1993

CLAM SUMMARY AS THEY EXIST AS OF THIS DATE

Morgan Creek	A72-00147	-	171 ⁵	acres @ 1.60 cfs
	A72-00148	-	171	acres @ 0.40 cfs
	→ A72-04177	-	81*	acres @ 4.00 cfs
	Total	-	171 ¹⁵¹	acres @ 6.00 cfs*
Salmon River	A72-04028	-	96	acres @ 3.84 cfs*
	A72-04029	-	80	acres @ 1.60 cfs
Waste Water	A72-04030	-	43	acres @ 1.72 cfs

* Indicates acres or rates that are lower than found or calculated.

Your property is the first analyzed on Morgan Creek so no other users have been contacted as of this date. I hope to make one more trip to the Challis area this fall and if so I will try to contact you to discuss your claims if necessary.

Sincerely



Kelly K. Christensen
Sr. Water Resource Agent

enclosures

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NOV 01 1994

6/9/94

COMMUNICATION DOCUMENTATION

Claim No. A72-04029
A72-00147
-00198

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

IDWR Employee/Agent STEVE CLELLAND Date 8-11-94

Contact Person(s) DELOART HUGHES

Nature of Contact He called to ask about the SRBA process.

Substance of Communication _____

He attended a meeting in Salmon & was wondering if
any State or Federal Agencies have protested his water Claims.
I outlined to him the SRBA process of the Director's Report
and the Objection phase and provided some examples of
BLM protests on trespass issues. Any protests against his Claims
will depend on the timing of the Director's Report filing w/ the Court.
He also ask specifically - Does the NMTS have the
right to shut off Decreed rights under the ESA?
I said yes, they have the authority but I know of no
instances where it has been used.

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NOV 01 1994

Water Right Number - R72-04029

Prefix Translation: RESEARCH

Old (D) Number -

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

+ - First Name - - +

+ - - - - Address - - - - +

*** C - CURRENT OWNER ***
HUGHES

DELBERT M.

1 - HC 61 BOX 3054

VERIFIED BY KKC
ON FILE NOV 01 1994

HUGHES

DONNA L.

2 -
3 -
City- CHALLIS
Phone - 208-879-2365
1 - HC 61 BOX 3054

State- ID Zip- 83226

2 -
3 -
City- CHALLIS
Phone - 208-879-2365

State- ID Zip- 83226

+ - - Priority Date - - +
04/01/1967+ - - - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
J - BENEFICIAL USE

+ - - Status - - - +

Source - - - - -
SALMON RIVER+ - - - - Tributary - - - - +
SNAKE RIVER

+ - - - - Point of Diversion - - - - +

Twn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion
15N	19E	25	SE SW NW	4	R	(37) CUSTER	SANTEE DITCH
		24	SW NE SW			(37) CUSTER	

Code	Description	Period From	Water Use	Period To	Diversion Rate	Diversion Volume
01 - IRRIGATION		04/15		10/15	1.600	

Code	Description	Period From	Water Use	Period To	Diversion Rate	Diversion Volume
01 - IRRIGATION		04/15		10/15	1.600	

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
15N	19E	24	NW NE	2	10.0		01	IRRIGATION	(37) CUSTER
15N	19E	24	SW NE		5.0		01	IRRIGATION	(37) CUSTER
15N	19E	24	NE NW		12.0		01	IRRIGATION	(37) CUSTER
15N	19E	24	SE NW		26.0		01	IRRIGATION	(37) CUSTER
15N	19E	24	NE SW		22.0		01	IRRIGATION	(37) CUSTER

Total Acres: 75.0

+ - - Diversion Means - HEADGATE & DITCH, PUMP IN DITCH

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00147, 72-00148, AND, 72-04177

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Water right number - R72-04029

Prefix Translation: RESEARCH

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

RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF
DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF
DIVERSION OF THESE RIGHTS IS LIMITED TO 12.9 CFS (capacity of
diversion system). OTHER RIGHT NOS.: 72-04028, 72-04031, AND
72-10306.

USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 13.23 CFS, A TOTAL COMBINED
ANNUAL CONSUMPTIVE USE VOLUME OF 377.5 AF, AND TO THE IRRIGATION
OF A COMBINED TOTAL OF 151 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00147, 72-00148, AND 72-04177.

+ - - - - - 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 - - +
01/11/94 CHRISTEN

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/19/1993	Civil Case Number	- 39576
Objection Filed Date	- 00/00/0000	Field Inspection Flag	-	Old Case Number	-
Response Filed Date	- 00/00/0000	Verified Date	- 01/11/1994	Old Judicial District	-
Claim Received Date	- 12/07/1989	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- M005338	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- OR	Presumption Flag	-
				Notice of Error Flag	-

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NAME OF STREAM OR DITCH SALMON RIVER: LOCALLY CALLED SANTEE DITCH
 LOCATION ----- APPROX 500 YARDS DOWNSTREAM FROM P/D
 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

WATER RIGHT NUMBER IF APPLICABLE ----- A72-04028, 04029, & SANTEE
 AGENT CONDUCTING MEASUREMENT & DATE -- KKC 9-01-93
 ACCOMPANIED BY ----- DELBERT HUGHES
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

FOLLOWING THE LAST ENTRY IN: "END"
 "DISTANCE FROM INIT PT" ENTRY MUST =

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						1ST MEASUREMENT	2ND MEASUREMENT			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.00		0.15	0	0.0		0.55	0.083			0.00	0.00
		1.11	0.30		16	62.8		1.11	0.333	0.25		0.25	0.20
		2.22	0.70		60	53.6		1.11	0.776	1.12		1.12	1.36
		3.33	1.10		60	53.4		1.11	1.219	1.12		1.12	1.37
		4.43	1.10		60	49.4		1.11	1.275	1.22		1.22	1.55
		5.54	1.15		60	49.7		1.11	1.330	1.21		1.21	1.60
		6.65	1.20		60	69.7		1.11	1.108	0.86		0.86	0.95
		7.76	1.00		40	60.0		1.11	0.776	0.67		0.67	0.52
		8.87	0.70		30	64.7		1.11	0.942	0.46		0.46	0.44
		9.98	0.85					0.55	0.236			0.23	0.05
		11.08		0.43									
END													8.05

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NOV 6 1 1994

POOR ORIGINAL

NAME OF STREAM OR DITCH SALMON RIVER, LOCALLY CALLED SANTEE DITCH
 LOCATION ----- APPROX 500 YARDS DOWNSTREAM FROM P/D
 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

WATER RIGHT NUMBER IF APPLICABLE -----
 AGENT CONDUCTING MEASUREMENT & DATE --
 ACCOMPANIED BY -----
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

AT72-04028, 04029, & SANTEE
 KKC 9-01-93
 DELBERT HUGHES

FOLLOWING THE LAST ENTRY IN: "END"
 "DISTANCE FROM INIT PT" ENTRY MUST =

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS	
						2ND REVS	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY		
0.00				0.40	0	0.0		0.55	0.222				0.00	0.00
1.11		1.11	0.80		16	62.8		1.11	0.887	0.25			0.25	0.34
2.22		2.22	1.20		60	53.6		1.11	1.330	1.12			1.12	1.99
3.33		3.33	1.60		60	53.4		1.11	1.773	1.12			1.12	1.99
4.43		4.43	1.60		60	49.4		1.11	1.829	1.22			1.22	2.22
5.54		5.54	1.65		60	49.7		1.11	1.884	1.21			1.21	2.27
6.65		6.65	1.70		60	69.7		1.11	1.663	0.86			0.86	1.43
7.76		7.76	1.50		60	60.0		1.11	1.330	0.67			0.67	0.89
8.87		8.87	1.20		40			1.11	1.496	0.46			0.46	0.69
9.98		9.98	1.35		30	64.7		0.55	0.374				0.23	0.09
11.08				0.68										
END														11.91

This analysis represents an additional 6" depth of ditch above the measured rate. The ditch has a capacity greater than the measured + the additional 6" but the 6" additional is closer to the high water level in the ditch. The system was measured late in the irrigation season and lower river water levels give a lower diversion without diversion structures work.
 KKC

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DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

VB/V4/72

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: A72-04029

LAST: HUGHES
ADDRESS: HC 61 BOX 3054
CITY: CHALLIS
PHONE NUMBER: 208-879-2365

FIRST: DELBERT M.

STATE: ID ZIP: 83226

OWNER CODE: C

LAST: HUGHES
ADDRESS: HC 61 BOX 3054
CITY: CHALLIS
PHONE NUMBER: 208-879-2365

FIRST: DONNA L.

STATE: ID ZIP: 83226

OWNER CODE: C

FIELD EXAM REQUIRED?

DATABASE
N

FIELD
EXAMINER

VERIFICATION REQUIRED DUE TO REMARKS?

NO REMARKS IN CLAIM

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Delbert Hughes

1000

APPOINTMENT MADE: Y(____) N(____)

TIME: H PM PM

A() P()

Two one

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / REMARKS:

[illegible]

A. AJ CLAIM: # A72-04029 PRIORITY DATE: 04-01-1967 STAGE: S
B. WR RECORD: # 72-04029 PRIORITY DATE: 04-01-1967 STAGE: S

C. FIELD EXAM REQUIRED?
DUE TO PRIORITY DATE DISCREPANCY? (Y/N) N DATABASE N FIELD EXAMINER N

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

IF YES EXPLAIN.

REMARKS:

affidavits list personal knowledge of date claimed.

second review

accept date as claimed

XHC 1-11-94

RECOMMENDED PRIORITY DATE:
04-01-1967

REVIEWED BY

su

DATE

11-16-92

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NOV 01 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-04029	15N	19E	24		NE	SW		CUSTER
A72-04029	15N	19E	25	SW	SW	NW	4	CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX
A72-04028
A72-04030

WR RECORDS IN SAME 40 ACRE TRACT

72-04028
72-04030
72-04038

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
72-04029	15N	19E	25		SW	NW	4	CUSTER
72-04029	15N	19E	24		NE	SW		CUSTER

OTHER WR RECORDS WITH SAME WR POD

72-04028
72-04030
72-04038

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX

A72-04028
A72-04030
A72-10306

SOURCE: SALMON RIVER

TRIB: SNAKE RIVER

C. FIELD EXAM REQUIRED?

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

REMARKS:

The source is the Salmon River and this was in checked through the Sander ditch is the pump location in sec 24. The pump is considered part of the delivery system but not as a point of diversion. It receives the 15N 19E Sec 25 SE SW NW 1/4 but it is the correct legal description for the one P/D. Ditch locally known as the 'Snake Ditch'.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:		TWP. RGE. SEC.		1/4	1/4	LOT	COUNTY
15N	12E	25		SE	SW	NE	Condon
SOURCE: SALMON RIVER		OK		TRIB: SNAKE RIVER		OK	
REVIEWED BY: KKC				DATE: 1-11-94			

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NOV 01 1994

A. ROOT WATER RIGHT NUMBERS: A72-04029
 B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
15N	19E	24	NW	NE	2	HUGHES, DELBERT M.	A72-04029 / 3.0	72-04029 / 3.0	48.0	10	10
			NW	NE	2	HUGHES, DELBERT M.	A72-00147 / 40.0	72-00147 /			
			NW	NE	2	HUGHES, DELBERT M.	A72-00148 / 40.0	72-00148 /			
			NW	NE	2	HUGHES, DELBERT M.	A72-04028 / 40.0	72-04028 / 45.0			
			NW	NE	2	HUGHES, DELBERT M.	A72-04177 / 14.0	72-04177 / 14.0			
15N	19E	24	NW	NE		HUGHES, DELBERT M.	A72-04029 / 25.0	72-04029 / 25.0	18.0	12	12
			NW	NE		HUGHES, DELBERT M.	A72-00147 / 25.0	72-00147 /			
			NW	NE		HUGHES, DELBERT M.	A72-00148 / 25.0	72-00148 /			
			NW	NE		HUGHES, DONNA L.	A72-04177 / 18.0	72-04177 / 18.0			
15N	19E	24	NW	NE		HUGHES, DELBERT M.	A72-04029 / 32.0	72-04029 / 32.0	34.0	26	26
			NW	NE		HUGHES, DELBERT M.	A72-00147 / 32.0	72-00147 /			
			NW	NE		HUGHES, DELBERT M.	A72-00148 / 32.0	72-00148 /			
			NW	NE		HUGHES, DELBERT M.	A72-04028 / 8.0	72-04028 / 8.0			
			NW	NE		HUGHES, DELBERT M.	A72-10264 /				
			NW	NE		HUGHES, DELBERT M.	A72-10265 /				
			NW	NE		HUGHES, DONNA L.	A72-04177 / 28.0	72-04177 / 28.0			
15N	19E	24	NW	NE		HUGHES, DELBERT M.	A72-04029 / 20.0	72-04029 / 20.0	40.0	22	22
			NW	NE		HUGHES, DELBERT M.	A72-00147 / 27.0	72-00147 /			
			NW	NE		HUGHES, DELBERT M.	A72-00148 / 27.0	72-00148 /			
			NW	NE		HUGHES, DELBERT M.	A72-04028 / 7.0	72-04028 / 7.0			
			NW	NE		HUGHES, DELBERT M.	A72-04030 / 14.0	72-04030 / 14.0			
			NW	NE		HUGHES, DONNA L.	A72-04177 / 15.0	72-04177 / 15.0			
			NW	NE		HUGHES, DELBERT M.	72-07444 / 14.0				
TOTAL ACRES							80.00	80.00	140.00	SWNE 5 5	

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

FIELD EXAM REQUIRED? DATABASE FIELD EXAMINER POU COUNTY: CUSTER
 DUE TO POU DISCREPANCY? (Y/N) Y

total 25 75

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PRESUMPTION FLAG:

REMARKS:

P/U Reprints irrigated ground above the Santa Ditch the 5 acres
in the SW 1/4 Not claimed but recommended represents a contiguous
portion of the field above the Santa ditch. A formal survey across the
claimed. See attached map.

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RECOMMENDATIONS:

TOTAL ACRES:

75

REVIEWED BY:

KXC

DATE:

1-11-94

A. AJ CLAIMED USES:

PURPOSES
A72-04029 IRRIGATION

FROM 04-01 TO 11-01

TOTAL DIVERSION RATE/VOLUME CLAIMED

1.600 CFS
1.600 CFS
1.600 CFS

B. WR RECORDED USES:

PURPOSES
72-04029 IRRIGATION

FROM 04-01 TO 11-01

TOTAL DIVERSION RATE/VOLUME CLAIMED

1.600 CFS
1.600 CFS
1.600 CFS

C. FIELD EXAM REQUIRED?

FIELD EXAM REQUIRED?	DATE	EXAMINER
DUE TO WATER-USE DISCREPANCY?	(Y/N)	N
DUE TO DIVERSION RATE DISCREPANCY?	(Y/N)	N
DUE TO PERIOD FROM/TO DISCREPANCY?	(Y/N)	N

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

Y() N()
Y(X) N()

Explain in remarks, below.

REMARKS:

Theoretical indicates that claimed rate is feasible therefore I accept the claimed div rate (See attachments)

UNPROCESSED
NOV 1 1991

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y() N()

AI TOTAL CLAIMED DIVERSION RATE:
WR ROOT RIGHT TOTAL DIVERSION RATE:

1.600 CFS
1.600 CFS

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

FLOW MEASUREMENT REQUIRED?

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

FIELD
DATABASE EXAMINER
Y

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MEASUREMENT METHOD

Theoretical Attached FLOW MEASUREMENT
SEE ATTACHED CALCULATIONS
see Attached

C. ARE OTHER WATER RIGHTS USED?

Y() N()

IF YES COMPLETE OVERLAP REVIEW.

OTHER RIGHTS LISTED IN CLAIM: A72-00147, A72-00148, A72-04028, A72-04177

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-04029	SALMON RIVER	HUGHES , DELBERT M.	1.600	0.020		
A72-00147	MORGAN CREEK	HUGHES , DELBERT M.	1.600	0.009		
A72-00148	MORGAN CREEK	HUGHES , DELBERT M.	0.400	0.002		
A72-04028	SALMON RIVER	HUGHES , DELBERT M.	3.840	0.040		
A72-04030	WASTE WATER	HUGHES , DELBERT M.	1.720	0.040		
A72-04177	MORGAN CREEK	HUGHES , DONNA L.	5.200	0.064		

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

CLAIM NO.

PURPOSES

NAME

MONTH/DAY

RATE

VOLUME

A72-10264

DOMESTIC

HUGHES , DELBERT M.

FROM 01-01 TO 12-31 .040 CFS

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 245 X 0.02 CFS/ACRE = 4.90 CFS
(Taken from p/u review)

1b. CALCULATIONS

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

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

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = 200.0 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()

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

*See remarks worksheet
for combined rights analysis*

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FEB 1 1984
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RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

IRRIGATION

04-01 11-01

DATABASE EXAMINER
1.600

DATABASE EXAMINER

DATABASE EXAMINER
200.0

TOTAL FOR THIS RIGHT

1.600

200.0

REVIEWED BY:

DATE:

MICROFILMED

NOV 8 1 1961

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: 72-04029
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
-	A72-04029	1.600	-		72-04029	1.600
TOTAL CFS		1.600				1.600

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)

FIELD
EXAMINER
Y

REMARKS:

AUTHENTICATION:
SIGNATURE: _____ DATE: _____
NAME OF FIELD EXAMINER: _____ TITLE: _____

RECEIVED
MAY 1 1972

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CHANGE CLAIM Y/N	VERIFIED BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	VERIFIED DATE WHOM/DATE
PRIORITY DATE								
POINT OF DIV	(Y)	copy 100 microfiscite	8-19-93 KRC	N Y	6 62516	11-16-92 KRC 1-11-94		
SOURCE			"	N	"	"		
USE OF USE	(Y)		"	Y	"	"		
DIV. AMOUNT CES/VOLUME	(Y)		"	N A	"	"		
CONSUMPTIVE USE			"	Y	"	"		
PURPOSES			"	N	6	"		
PERIOD OF USE			"	Y	6	"		
BASIS OF CLAIM			"	Y	6	"		
REMARKS	(Y)		"	Y	6	"		

VERIFIED BY CODES

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

MAPS USED:

DATE:

ASCS AA-9 1978
 ORTHO I-75 1956
 NAPP SCSSACSNAP 243-34
 BIM 7-10D-8 7-10-88

11-16-92
see

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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NOV 0

1413
2324

L. M. HUGHES

Under the M. C. work in
the long creek is
Barred pipeline
cannons. The water is
Salt more like we have
Saw the water
& Salt water

Hughes
Morgan Creek
Sinks

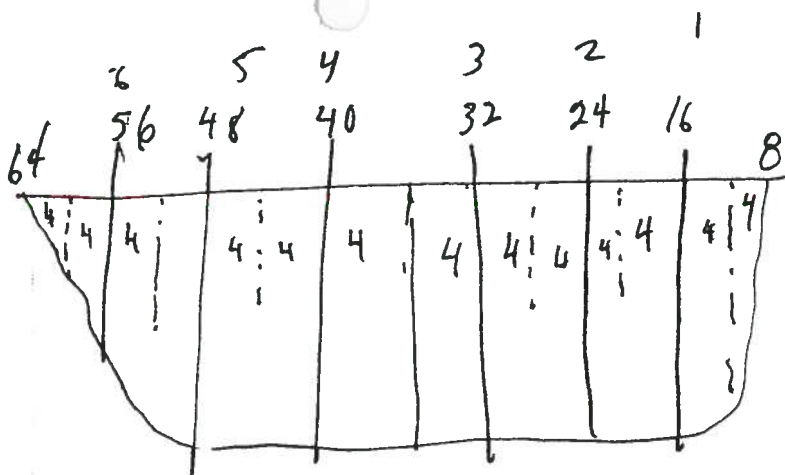
MORGAN
CREEK

Morgan
Creek

SANTER
DET

CLAIM	INIT			
	T.	R.	S.	Q/Q
P/D	Field Map			
PHOTO	ASCS	AA-9		
DT. & ID.	1978	Flight		

DELBERT
SANTER



8-17-93
POOR ORIGINAL

Hughes diu
from Morgan Cr.
on Savage pier

Stat	depth	Rev	Sec
1	13	60	46.57 46.47
2	14		33.57 32.53
3	13 1/2		25.31 24.81
4	14.0		31.03 30.84
5	13		46.34 44.55
6	8	40	49.94
		40	50.1

water clear one side vert off
Sloping bottom gravel but
relatively clear of vegetation
within a 30' straight stretch
Measurement Good

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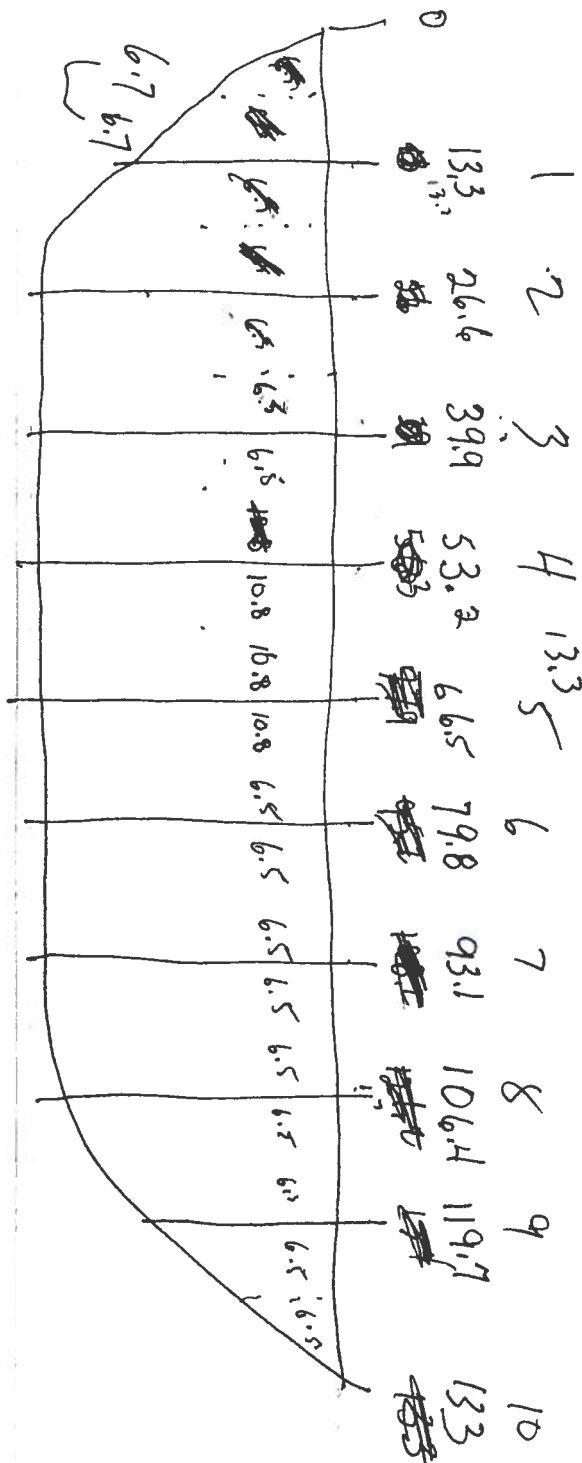
9-1-93

Dalbert Hughes

Santa Ditch

Dalbert was with.

POOR ORIGINAL



Stat	Depth	Rev	Sec
1	.3	0	
2	.7	16	1.02.81
3	1.2	60	53.59
4	1.1	60	53.38
5	1.1 1/2	60	49.38
6	1.2	60	49.72
7	1.	60	1.09.7
8	.7	40	1.00.03
9	.85	30	1.04.67

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NOV 01 1994

NAME OF STREAM OR DITCH MORGAN CREEK
LOCATION NORTH END OF SAVAGE P/U
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 A72-00147, 00148, & 04177
AGENT CONDUCTING MEASUREMENT & DATE KKC 8-17-93
ACCOMPANIED BY NO ONE
PREMEASUREMENT SPIN TEST (MIN/SEC) ---
POST MEASUREMENT SPIN TEST (MIN/SEC) -

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH END PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
0.67		0.67	1.08	0.54	60	46.5		0.33	0.181	1.29		0.64	0.12
1.33		1.33	1.17		60	33.1		0.67	0.778	1.82		1.29	0.93
2.00		2.00	1.13		60	25.1		0.67	0.750	2.39		1.82	1.41
2.67		2.67	1.17		60	30.5		0.67	0.778	1.96		2.39	1.80
3.33		3.33	1.08		60	45.4		0.67	0.722	1.32		1.96	1.53
4.00		4.00	0.67		40	50.0		0.67	0.444	0.80		1.32	0.95
4.67		4.67		0.33				0.33	0.111			0.80	0.36
5.33		5.33										0.40	0.04
END													
													7.14

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POOR ORIGINAL

CLAIMS: MORGAN Cr 72-00147

-00148

CLAIM

INIT

CLAIMS: SALMON R. 72-04177

-04177

1 T. R. S. N. W. S. W. E. L. T. MORGAN

P/D 15N 19E 24 NE SW SW CR

PHOTO BLM 7-10-D-8

DT. & ID. 7-10-88 Flight

CLAIM: WASTE WATER 72-04030

P/D SALMON RIVER

SCALE: 1" = 1180

CA = $(1190)^2 \times .009699 = 1353$
43,560

P/D redimension (left supply ditch)
15N 19E 24 SW SE SW

-  P/U ABOVE 'SANTEE' DITCH 75A
-  P/U BELOW 'SANTEE' DITCH 76A
-  P/U IRRIGATED VIA WASTE WATER 19A

'SANTEE' DITCH

13 18

24 19

MORGAN CREEK

PIPE LINE TO
DELIVER SALMON
RIVER WATER

P/D
#2

PUMP
LOCATION

'SANTEE'
DITCH

SALMON
RIVER

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P/D #3

R19E R20E

IDAHO CUSTER CO
7.5 MINUTE SERIES

POOR ORIGINAL

Morgan Cr.
P/D #1

SANTEE
DITCH

Acre identification by Q/Q.
and system. Santee Ditch
splits P/U & systems.

Gerry

Gulch

CLAIM _____ INIT _____
T. R. S. Q/Q

P/D _____

PHOTO T-75

DT. & ID. 1956 FLIGHT

P/D 25
for Santee Ditch

FOREST

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POOR ORIGINAL

P/D # 1, Morgan Creek on Savage Property
Measured 7.14 CFS

P/D # 2 Morgan Creek where 'Santee' ditch crosses
Morgan Creek. *

Not measured at this point. The ditch carries
water measured @ P/D # 3 & if Salmon River water
was not being diverted then the Morgan Creek
water could be diverted at that rate.

Measured 8.05

P/D # 3 Salmon River, source for 'Santee' ditch
Measured 8.05 CFS, ditch Not at capacity
system measured 9-1-93 *

estimating an additional 6" depth for the same
velocity would generate 11.91 CFS at the same
measurement location.

System capacity for Morgan Creek & the Salmon
River diversions are greater than the excess flow
calculated rates therefore the calculations are the limiting
factor.

Fish & Game measured the Santee ditch just
downstream from the Morgan Creek crossing and
found 12.9 CFS measurement made 9/1/93
I accept this measurement as the system capacity.
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Claims A72-00148

A72-04028

A72-04177

A72-00147

A72-04030

POOR ORIGINAL

System description:

The P/U can be segmented into 3 parcels with the Salmon River diversion ditch being the major Boundary through the middle of the P/U. The third parcel is ground laying SE of Morgan Creek. This ground is irrigated only with waste water from the Thornock Property (19A).

The balance of the P/U (75A above & 76A below the Santee is irrigated with Morgan Creek and/or Salmon River water. Both sources can irrigate all 151 acres.

Morgan Creek can be diverted at two different points. The NW P/D #1 is on the Savage property and irrigates the ground above the Santee Ditch (75A). Morgan creek flows through the Santee ditch at P/D #2 thus allowing any available ^{Morgan} water to reach any of the 76 Acres Below the ditch.

Salmon river water reaches the 76A below the ditch through the ditch system. The ⁷⁵ acres above the Santee ditch can be irrigated via water being pumped from the Santee ditch at the SW corner of The P/U and deliver to the headgate structure where the P/D #1 ditch system crosses Highway 93 & enters the P/U. ^{the acres} are then flood irrigated through the existing ditch system. The pump is 10 HP with open discharge

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FIELD EXAM ATTACHMENT

DATE: 1-10-94

PAGE: _____

AGENT: KKC

FILES: _____

ATTACHMENT SUBJECT: Combined diversion Rate Analysis

Morgan Creek water recommendation:	72-00147	1.60 CFS
	00148	0.40 CFS
excess flow analysis for	Sub total	2.00 CFS
151 acres gives a total	04177	11.23 CFS
of 13.23 CFS	total	13.23 CFS

Salmon River Water recommendation:	72-04028	7.21 CFS (Flow)
excess flow based upon RPI soils	-04029	1.60 CFS (Pump)
gives a rate of 7.21 CFS for 76 acres.	total	8.81 CFS

The 76 Salmon River acres are within the 151 total acres. When all rights are considered for all of the P/U the system limit is 13.23 CFS (legal limit)

When Salmon River water is used alone the limit is 8.81 CFS for the 151 acres this reflects the 7.21 CFS excess flow rate for 76 acres and the pump capacity of 1.60 CFS for the balance (75 acres).

Pump system theoretical.

$$\frac{10 \times 8.8 \times .7}{40 + (23 \times 0)} = 1.54 \text{ CFS} \quad \bigg/ \quad \frac{10 \times 8.8 \times .7}{38 + (23 \times 0)} = 1.62 \text{ CFS}$$

lift from quad map estimated to be approx 40'. as 38' lift theoretically gives the claimed rate I recommend the claimed rate as valid

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8-17

Delbert

POOR ORIGINAL

Morgan { 1 P/D on Savage Prop

{ 1 P/D when Morgan Cr crosses Santa Fe ditch

P/D Salmon below Thorneck P/D,

Relift pump @ ~~Morgan~~. Santa Fe ditch entering prop.

Thorneck

Morgan Cr. inside Savage Prop

P/P Salmon River water

Relift pump where Santa Fe joins Morgan Cr.

use =

Delbert

irr west P/u Morgan Cr - 10 days (with high water)

" East with Salmon 10 days

No dry days.

Morgan Creek Cattle Co.

2 P/Ds

2 main ditches thru main field

14 day to cross (guess) maybe close to 11 days

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REMARK AND CONDITION CODE WORKSHEET

SYSTEM CLAIM NUMBERS

A72 04029

AGENT

INITIALS

DATE

CLAIM NO.

OR ENTRY
ORDERREMARK
CODE

ENTRY DATA

CONDITION
CODE

STAGE

OR
STATUSPRESUMPTION
CODE

E08

12.9 CFS

72-04028, 72-04031

§ 72-10306.

system capacity is limited
factor when these rights
are combined

E12

13.23 CFS

377.5

151

72-00147, 00148, 04177

when this claim is used in conjunction with
the Morgan Creek rights, all are limited to the
total in P/U, and the calculated legal limit of
13.23 CFS for those Acres.

This combined right recommendation
does not include 72-04028 as that claim
represents a different P/U than this right.

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