

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: A72-00164
Date Received: 12/07/1989
Receipt No: M005336
Received By: SCC

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: MORGAN CREEK CATTLE ASSOCIATION 208-879-2365
Address: C/O DELBERT HUGHES
HC 61 BOX 3054
CHALLIS, ID 83226

2. Date of Priority: SEP 14, 1931

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	19E	31	NW	NW	SE		CUSTER
			SE	NW	SE		CUSTER

5. Description of diverting works:
VIA CAMERON DITCH

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.200		

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

8. Total consumptive use is 100.0 Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres
16N	19E	6	NE	NE		IRR	3.0
			NW	NE		IRR	9.0

A72-00164

Page 1

Date: 12/07/89

MICROFILMED

MAR 18 1993

10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
16N	19E	6	SW	NE		IRR	2.0
						Section Acres	14.0
17N	19E	31	NW	SE		IRR	3.0
			SW	SE		IRR	15.0
			SE	SE		IRR	8.0
						Section Acres	26.0
						Total Acres	40.0

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:
A72-00163, A72-04184, A72-10243

14. Remarks:
P. U. IS H. E. S. #614, 53.15 AC., WITHIN ABOVE LANDS.
SOURCE GIVEN INCORRECTLY IN DECREE AS ALDER CREEK.
P/D GIVEN INCORRECTLY IN DECREE AS NENW S18 T17N R19E.

15. Basis of Claim: DECREED
Case Number:
Court :
Decree date: 5/02/1935

IVAN HUGHES ET AL
Decree Plaintiff

vs

VAL JONES ET AL
Decree Defendant

16. Signature(s)

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

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am Member of _____ Title

Morgan Creek Cattle Assn, that I have signed the foregoing Organization document in the space below as Member of Title

Morgan Creek Cattle Assn and that the statements contained in the Organization foregoing document are true and correct.

Robert M. Hughes
Signature of Authorized Agent

Member of Morgan Creek Cattle Assn
Title and Organization

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 [Signature]
Notary Public

Seal

Residing at Twin Falls, Idaho

My Commission Expires December 7, 1994

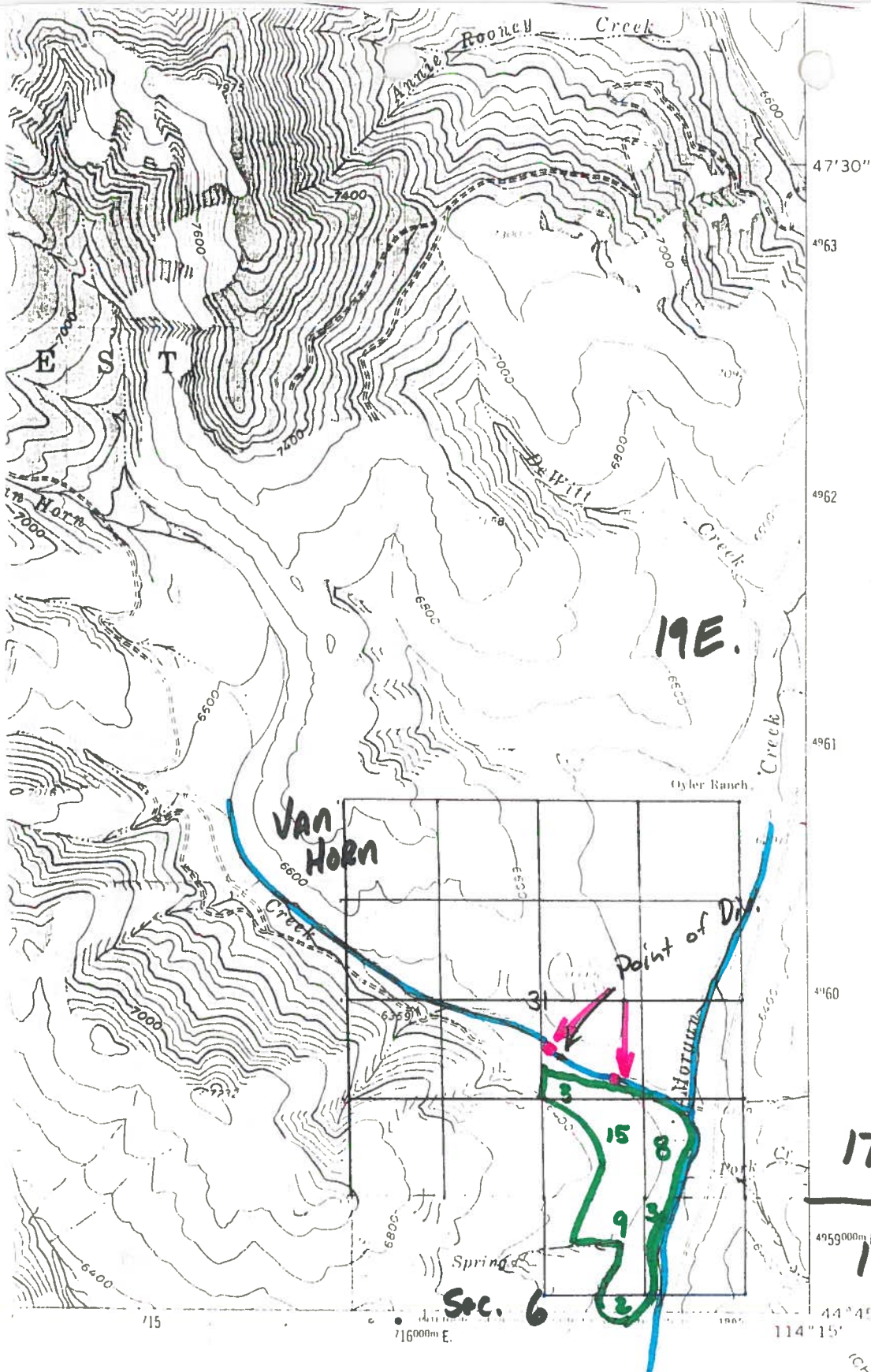
NAME: MORGAN CR. CATTLE ASSOC.

CLAIM: 72-00164

CORRESPONDENCE

EVIDENCE OF

PRIORITY



47'30"

4963

4962

4961

4960

4959000m N

44°45'

114°15'

17N.

16N.

ROAD CLASSIFICATION

Light duty

Unimproved dirt

A72-00164

MICROFILMED

MAR 18 1993

BLACK MTN., IDAHO

N4445-W11415/7.5

1963

7-6
K-74

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: 72-00164

MORGAN CREEK CATTLE ASSOCIATION
DELBERT 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:

Please print your name:

Delbert Hughes
Delbert Hughes

AJ5808NP
(OD-26)

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT

11/03/98 14:02:18
Page 1

Water Right Number - R72-00164

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***

MORGAN CREEK CATTLE ASSOCIATION

1 - DELBERT HUGHES

2 - HC 61 BOX 3054

3 -

City- CHALLIS

Phone - 208-879-2365

VERIFIED BY: KKC
11-6-98

State- ID Zip- 83226

+ - - Priority Date - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
09/14/1931 17 SOUTHERN D - DECREED

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

+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County Diversion Name
17N 19E 31 SW NW SE (37) CUSTER
SE NW SE (37) CUSTER

+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume
01 - IRRIGATION 04/15 10/15 0.200

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Div. Capacity - + + - Total Consumptive Use - + + - KW Usage - +
0.200 0.0

+ - - - - Place of Use - - - - - +
TwN Rng Sec Tract Lot Acres Code Description County
16N 19E 6 NE NE 8.4 01 IRRIGATION (37) CUSTER
16N 19E 6 NW NE 4.3 01 IRRIGATION (37) CUSTER
16N 19E 6 SW NE 3.0 01 IRRIGATION (37) CUSTER
16N 19E 6 NE SE 0.7 01 IRRIGATION (37) CUSTER
17N 19E 31 NW SE 0.7 01 IRRIGATION (37) CUSTER
17N 19E 31 SW SE 1.5 01 IRRIGATION (37) CUSTER
17N 19E 31 SE SE 10.0 01 IRRIGATION (37) CUSTER

Total Acres: 28.6 156
GIS

+ - - Diversion Means - PLASTIC DAM DIVERSION TO DIRT DITCHES TO FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00163 & 72-10243

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

QNT USE OF THE RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 2.67 CFS. COMBINED RIGHT NOS. 72-00163,
72-00164, & 72-10234.

Water right number - R72-00164

Prefix Translation: RESEARCH

Remarks

POU1 USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION
OF A COMBINED TOTAL OF 28.6 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 72-00163, 72-00164, & 72-10234.

GEN PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 614.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH THE POINTS OF
DIVERSION DESCRIBED ABOVE: 72-00163, 72-00164 & 72-10234.

Old Water Right Numbers
No Old Water Right Numbers found.

Conditions of Approval
C02 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN SOURCE PURSUANT TO
- SECTION 42-1425, IDAHO CODE.
C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
- PURSUANT TO SECTION 42-1425, IDAHO CODE.

Decree Plaintiff
IVAN HUGHES ET AL

Decree Defendant
VAL JONES ET AL

Decree Date
05/02/1935

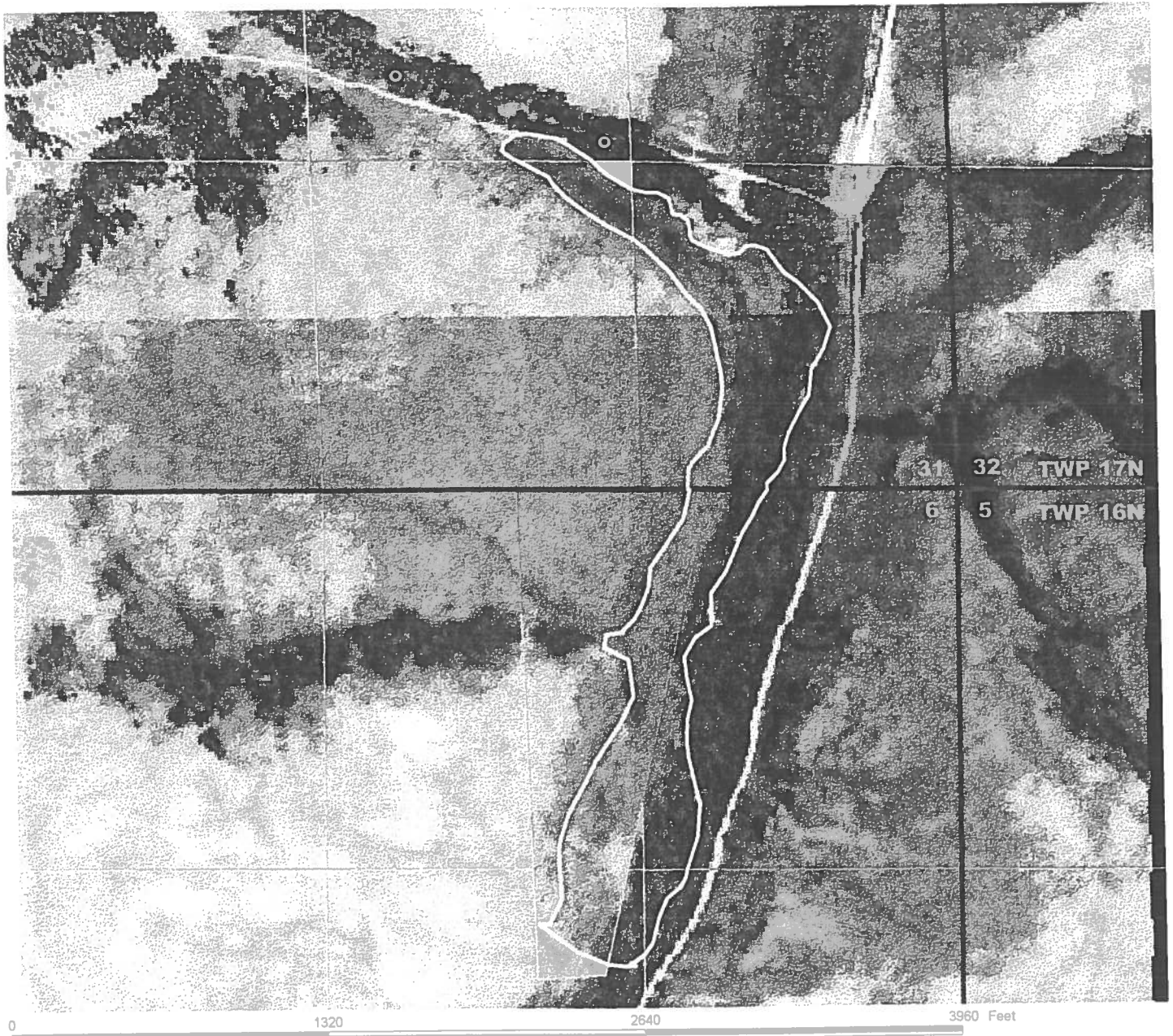
Audit Fields - 11/13/92 CLELLAND 12/15/93 CHRISTEN 12/16/93 CHRISTEN 03/30/95 POST-STD 10/08/98 KCHRISTE

Comments
Date: 12/15/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS
P. U. IS H. E. S. #614, 53.15 AC., WITHIN ABOVE LANDS. SOURCE GIVEN INCORRECTLY IN DECREE AS ALDER CREEK.
P/D GIVEN INCORRECTLY IN DECREE AS NENW S18 T17N R19E.

Adjudication Rights Dates and Flags Area

Court Report Filing	- 00/00/0000	Field Inspection Made	- 08/18/1993	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	- 72F
Licensed Date	- 00/00/0000	Receipt Number	- M005336	Federal/State Indicator	- S
		POU Ownership Flag	- Y	Presumption Flag	- C
		Name Connector	-	Notice of Error Flag	-

**72-00163, 72-00164, & 72-10243
VAN HORN CREEK
MORGAN CREEK CATTLE ASSOC.**



RECOMMENDED PLACE OF USE
TWP 16N RNG 19E, SEC 6
TWP 17N RNG 18E, SEC 31
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

M NUMBER
72-00163 72-00164
72-10243

DATE
10-8-98

AGENT
KKC

TRANSFER NUMBER

CLAIMED ACRE TOTAL
40

GIS ACRE TOTAL
28.6

	TWP	RNG	SEC	NE				NW				SW				SE				
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
AIM	16N	19E	6	3	9	2														14
S				8.4	4.3	3	.7													
COM				8.4	4.3	3	.7													16.
AIM	17N	19E	31																	
S																3	15	8		26
COM																.7	1.5	10.3		
																.7	1.5	10		12.
AIM																				
S																				
COM																				
AIM																				
S																				
COM																				

2-DBPOU.SHP

APE NOS.
156

2-DBPOD.SHP

70 Sec 31
SWNWSE
72-00163 - .80 cfs
72-00164 - .20 cfs
71 Sec 31
SENWSE
72-10243 - 1.75 cfs
2.75 cfs

LIMES

70 Sec 31
SWNWSE
72-00163 - .80 cfs
72-00164 - .20 cfs
71 Sec 31
SENWSE
72-10243 - 1.75 cfs
2.75 cfs

3F TABLES UPDATED

72-DBPOU.DBF

72-DBPOD.DBF

1.67 cfs for 72-10243

REEVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

72-00163 72-00164
72-10243

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
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
BC1	5.82	10	28.6	.16	2.67 CFS
					CFS
					CFS
					CFS

TOTAL ACRES _____

DECREED RATE = _____

CLAIMED DIVERSION RATE = _____

MEASURED DIVERSION RATE = _____

Water Right Number - R72-00164

Prefix Translation:

RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
MORGAN CREEK CATTLE ASSOCIATION1 - DELBERT HUGHES
2 - HC 61 BOX 3054
3 -
City- CHALLIS

Phone - 208-879-2365

State- ID Zip- 83226

VERIFIED BY KAC
COURT REPORTERS

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

+ - - Priority Date - - - + + - - Region - - - + + - - Stage - - - + + - - Status - - - +
09/14/1931 17 SOUTHERN D - DECREED+ - - Source - - - - - + - - - Tributary - - - - - +
VAN HORN CREEK MORGAN CREEK+ - - - - - Point of Diversion - - - - - +
Twn Rng Sec Tract Lot RFlg County
17N 19E 31 SW NW SE (37) CUSTER
SE NW SE (37) CUSTER+ - - Code Description Period From Period To Water Use Diversion Rate Diversion Volume
01 - IRRIGATION 04/15 10/15 0.200+ - Total Div. Rate - + - Total Div. Volume - + - Total Consumptive Use - + - KW Usage - +
0.200 0.0+ - - - - Place of Use - - - - - +
Twn Rng Sec Tract Lot Acres Code Description County
16N 19E 6 NE NE 01 IRRIGATION (37) CUSTER
16N 19E 6 SW NE 01 IRRIGATION (37) CUSTER
16N 19E 6 SE SE 01 IRRIGATION (37) CUSTER
16N 19E 31 SW SE 01 IRRIGATION (37) CUSTER
17N 19E 31 SE SE 01 IRRIGATION (37) CUSTER

Total Acres: 29.0

+ - - Diversion Means - PLASTIC DAM DIVERSION TO DIRT DITCHES TO FLOOD IRRIGATION

+ - - Non-Irrigation Use -

+ - - Other Rights for Same Use - 72-00163 & 72-10243

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

USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A
TOTAL COMBINED DIVERSION RATE OF 2.75 CFS, A TOTAL COMBINED
ANNUAL CONSUMPTIVE USE VOLUME OF 72.5 AF, AND TO THE IRRIGATION

MICROFILMED

NOV 01 1994

Water right number - R72-00164

Prefix Translation: RESEARCH

Remarks
OF A COMBINED TOTAL OF 29 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS. 72-00163, & 72-10243.
PROPERTY IS ALSO KNOWN AS HOMESTEAD ENTRY NO. 614.

Fbs added 12-16-93 KRC

No Old Water Right Numbers Found

Conditions of Approval
C02 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN SOURCE PURSUANT TO IDAHO
CODE 42-1416A.
C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
PURSUANT TO IDAHO CODE 42-1416A.

Decree Plaintiff - - - + Decree Defendant - - - + Decree Date - +
IVAN HUGHES ET AL VAL JONES ET AL 05/02/1935

Comments
Date: 12/15/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS SOURCE GIVEN INCORRECTLY IN DECREE AS ALDER CREEK.
P. U. IS H. E. S. #614, 53.15 AC., WITHIN ABOVE LANDS.
P/D GIVEN INCORRECTLY IN DECREE AS MENW S18 T17N R19E.

Audit Fields - - +
12/15/93 CHRISTEN

Adjudication Rights Dates and Flags Area - - - - - +
Court Report Filing - 00/00/0000 Field Inspection Made - 08/18/1993 Civil Case Number - 39576
Objection Filed Date - 00/00/0000 Field Inspection Flag - 12/15/1993 Old Judicial District -
Response Filed Date - 00/00/0000 Verified Date - 00/00/0000 Temporary Right - P
Claim Received Date - 12/07/1989 Last Amended Date - M005336 Water District - 72F
Receipt Number - Y Federal/State Indicator - S
POU Ownership Flag - Presumption Flag - C
Name Connector - Notice of Error Flag -

MICROFILMED
NOV 01 1994

LAST: MORGAN CREEK CATTLE ASSOCIATION FIRST:
ADDRESS: C/O DELBERT HUGHES
HC 61 BOX 3054
CITY: CHALLIS STATE: ID ZIP: 83226
PHONE NUMBER: 208-879-2365
OWNER CODE: C

FIELD EXAM REQUIRED?
VERIFICATION REQUIRED DUE TO REMARKS? DATABASE FIELD EXAMINER
Y

CLAIM REMARKS: P. U. IS H. E. S. #614, 53.15 AC. WITHIN ABOVE LANDS.
SOURCE GIVEN INCORRECTLY IN DECREE AS ALDER CREEK.
P/D GIVEN INCORRECTLY IN DECREE AS NENW S18 T17N R19E.

FIELD EXAMINATION INFORMATION

CONTACT PERSON: *Delbert Hughes* PHONE NUMBER: () - - -
DATE OF FIELD EXAM: *8 / 18 93* APPOINTMENT MADE: Y () N () TIME: - - - - - A () P ()
ACCOMPANIED BY: *9-1-93* PHONE NUMBER: () - - - - -
RELATIONSHIP TO CLAIMANT: *member of M.C. Cattle Assoc.*
DIRECTIONS TO PROPERTY / REMARKS:

MICROFILMED

NOV 01 1994

A. AJ CLAIM: # 672-00164

PRIORITY DATE: 09-14-1931

STAGE: D

E. WR RECORD: # 72-00164

PRIORITY DATE: 09-14-1931

STAGE: D

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE

FIELD EXAMINER

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

IF YES EXPLAIN.

REMARKS:

Claimed priority date matches several date found P/N matches several P/N

These are accepted date as claimed

RECOMMENDED PRIORITY DATE:

09-14-1931

REVIEWED BY

KKC

DATE

12-15-93

MICROFILMED
NOV 01 1994

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.		1/4	1/4	1/4	LOT	CNTY
A72-00164	17N	19E	31		SW ^{SE}	NW	SE		CUSTER
A72-00164	17N	19E	31		SE	NW	SE		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX
A72-00163
A72-04184
A72-10243

R PREFIX
NONE

WR RECORDS IN SAME 40 ACRE TRACT

72-04184

SOURCE: VAN HORN CREEK

TRIB: MORGAN CREEK

WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.		1/4	1/4	1/4	LOT	CNTY
72-00164	17N	19E	31		SW	SE			CUSTER

OTHER WR RECORDS WITH SAME WR POD

72-00163

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX
R PREFIX

NONE
NONE

SOURCE: VAN HORN CREEK

TRIB: MORGAN CREEK

C. FIELD EXAM REQUIRED?

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

MARKS:

Found one P/D as claimed Found the other P/D in the SW 104 acre tract rather than the NW tract. The original decar was attached legal dec of P/D and Source with another deced system. Claim info correct. Note discrepancy with condition code C/D 3 - some changes C/D 3 P/D legal change

Actual change were 0 c and.

MICROFILMED
NOV 01 1997

AND SOURCE:
1/4 1/4

LOT

COUNTY

OK

2

Handwritten signature: *[Signature]*

12-15-93

Do not know

1999

MICROFILMED
NOV 01 1994

A. ROOT WATER RIGHT NUMBERS: A72-00164

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
16N	19E	6	NE	NE	1	MORGAN CREEK CATTLE ASSOCIATION 0472-00164	3.0	-	-	13.5	13.5
			NE	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-04184	3.0	72-04184	/	3.0	
			NE	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-00163	3.0	-	/		
			NE	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-10243	3.0	-	/		
16N	19E	6	NW	NE	2	MORGAN CREEK CATTLE ASSOCIATION 0472-00164	9.0	72-00164	/	0	0
			NW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-04184	4.0	72-04184	/	4.0	
			NW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-00163	9.0	72-00163	/		
			NW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-10243	9.0	-	/		
17N	19E	6	SW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-00164	2.0	72-00164	/	1	1
			SW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-00163	2.0	72-00163	/		
			SW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-04184	2.0	72-04184	/	3	3
			SW	NE		MORGAN CREEK CATTLE ASSOCIATION 0472-10243	2.0	-	/		
17N	19E	31	NW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-00164	3.0	-	/	0	0
			NW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-00163	3.0	-	/		
			NW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-04184	3.0	72-04184	/	3.0	
			NW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-10243	3.0	-	/		
17N	19E	31	SW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-00164	15.0	72-00164	/	2	2
			SW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-00163	15.0	72-00163	/		
			SW	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-10243	15.0	-	/		
17N	19E	31	SE	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-00164	8.0	72-04184	/	9.5	9.5
			SE	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-04184	8.0	-	/		
			SE	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-00163	8.0	-	/		
			SE	SE		MORGAN CREEK CATTLE ASSOCIATION 0472-10243	8.0	-	/		
			SE	SE		TURNER, EST. OF GEORGE M.	72-00171	-	/		
			SE	SE		TURNER, EST. OF GEORGE M.	72-00172	-	/		
			SE	SE		TURNER, EST. OF GEORGE M.	72-00173	-	/		
			SE	SE		TURNER, EST. OF GEORGE M.	72-00174	-	/		

TOTAL ACRES A72-00164 40.00 17.00

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, Y () N ()

29

C. FIELD EXAM REQUIRED?

DATABASE FIELD EXAMINER

POU COUNTY: CUSTER

DUE TO POU DISCREPANCY? (Y/N)

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PRESUMPTION FLAG:

EC (no exp P/A but they in house 8 PB legal)

REMARKS:

Found P/A still within HES 614 no exp found. P/A legal identification based upon current aerial Photography and ~~no~~ change in recommendation first a better description as to what can be recorded transfer. The South tip of the P/A is no longer irrigated & is not recommended. Ground south of area unnamed. Also indicating the P/A in N/2 of NE 1/4 of Sec 6 has been in tentatively irrigated and no recommendations.

RECOMMENDATIONS:

TOTAL ACRES:

29

See Also Attached Narrative.

REVIEWED BY:

KKC

DATE: *12-15-93*

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A. AJ CLAIMED USES:

PURPOSES
A72-00164 IRRIGATION

MONTH/DAY
FROM 04-01¹⁵ TO 11-01¹⁵ *recom to 5 standard*
TOTAL DIVERSION RATE/VOLUME CLAIMED .200 CFS
DIVERSION QUANTITY

B. WR RECORDED USES:

PURPOSES
72-00164 IRRIGATION

MONTH/DAY
FROM TO
TOTAL DIVERSION RATE/VOLUME CLAIMED .200 CFS
DIVERSION QUANTITY

SUMPTION FLAG:

C. FIELD EXAM REQUIRED?

1c No exp of device rather chg in area, 0.14 gpd.

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

RECOMMEND TO WR STANDARDS OR OTHER?

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

REMARKS:

Claimed rate matches desired rate. Check flow analysis indicates a need for special flow speeding desired rate therefore Accept claimed rate. See Also Attachment.

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y() N()

AD TOTAL CLAIMED DIVERSION RATE: 0.200 CFS
 WR ROOT RIGHT TOTAL DIVERSION RATE: 0.200 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

MEASUREMENT METHOD

FLOW MEASUREMENT

SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: A72-00163, A72-04184, A72-10243

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-00164	VAN HORN CREEK	MORGAN CREEK CATTLE ASSOCIATIO	0.200	0.005		
A72-00163	VAN HORN CREEK	MORGAN CREEK CATTLE ASSOCIATIO	0.800	0.020		
A72-04184	VAN HORN CREEK	MORGAN CREEK CATTLE ASSOCIATIO	1.000	0.030		
A72-10243	VAN HORN CREEK	MORGAN CREEK CATTLE ASSOCIATIO	0.800	0.020		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

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0.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES 29 $\times$ 0.02 CFS/ACRE = .58 CFS
(Taken from p/u review)

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 = 100.0 AF/A

ACRES $\times$ CONSUMPTIVE VOL. AF/A FOR AREA =

TOTAL CONSUMPTIVE USE AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = AF/A

ACRES $\times$ 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 Attachment.

1b. CALCULATIONS

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RECOMMENDATIONS:

REC.
PURPOSES

REC. PERIOD
FROM TO

REC. DIV
RATE CFS

REC. DIV
VOL. AF/A

REC. CONS.
USE

IRRIGATION

~~04-21~~ ~~21-21~~
15 10.15

DATABASE EXAMINER
0.200 ~~OK~~

DATABASE EXAMINER

DATABASE EXAMINER
~~100.0~~
100.0

TOTAL FOR THIS RIGHT

0.200

REVIEWED BY:

KKC

DATE:

12-15-93

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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: 72-00164

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
0.200

EXAMINER

CFS

SPLITS:

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "R"
CLAIM NUM.

"R" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

A72-00164

0.200

72-00164

0.200

TOTAL CFS

0.200

0.200

DIVERSION RATE REVIEW

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

DATABASE
Y
FIELD
EXAMINER

REMARKS:

AUTHENTICATION
SIGNATURE: *Wiley T. Christensen*

DATE: 12-15-93

TITLE: Sr. Water Resource Agent

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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		8-18-93 9-1-93/KC " 9-22-93 dja	N	12356	"	KKC 12-15-93	
SOURCE			"	N	"	"		
PLACE OF USE	Y		"	N	"	"		
DIV. AMOUNT CFS/VOLUME	Y		"	N	"	"		
CONSUMPTIVE USE			"	N	"	"		
PURPOSES			"	N	"	"		
PERIOD OF USE	Y		"	N	6	"		
BASIS OF CLAIM			"	N	6	"		
REMARKS	Y		"	N	"	"		

See
12-10-92

VERIFIED BY CODES

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

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

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MAY 01 1994

1830
Z-1
1468T light

P/D #1 P/D

End of
Hypocenter
(From P/D #1)

DOWN FROM
P/D #2

CLAIM A72-00163164 INIT KKC
T. R. S. 0198WSE
P/Ds 17N 19E 31 SE 44SE
PHOTO ASCS 2-5
DT. & ID. 1968 Flight

SCALE: 1" = 660'

CA = $(660)^2 \times .009699 = .09699$
43,560

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FIELD EXAM ATTACHMENT

DATE: 12-15-93PAGE: 1/1AGENT: KKCFILES: A72-00163, -00164
10243ATTACHMENT SUBJECT: System Analysis

The system consists of 2 decreed rights and 1 excessflow right used in conjunction to irrigate 29 found acres. The Delivery system is 2 P/Ds & two main ditches with the western most P/D & ditch system ending on the upper portion of the P/U. Excessflow from that ditch is intercepted by the 'lower' ditch. This is a flood system from either ditch with minimal control being accomplished beyond the main ditches.

Two P/D's were found with the ~~northern~~ ^{western} P/D being measured at 0.47 CFS. That system was not at capacity (estimated @ 50%). The ~~northern~~ ^{eastern} P/D was measured at 1.69 CFS and was at approx 75% of capacity.

Estimated diversion capacity

$$\text{Western P/D} \quad \times .5 = .47 \text{ CFS} = .94 \text{ CFS}$$

$$\times .75 = 1.69 \text{ CFS} = 2.25 \text{ CFS}$$

$$\text{Total estimated capacity} = 3.19 \text{ CFS}$$

Soils analysis for BCI soils @ 4% slope and an average run of 280 ft gives an irrigation requirement of 2.75 CFS as this rate is less than the estimated system capacity and is claimed at this rate. I recommend this system for 2.75 CFS total comb. rate for 29 Acres.

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CLAIM NUMBER A 72-00163DATE 7-22-93-00164AGENT R/KC

CLAIM NUMBER				NE				NW				SW				SE				TOT. ACR
	T N S	R N G	S E C	N E	N W	S W	S E	N E	N W	S W	S E	N E	N W	S W	S E	N E	N W	S W	S E	
		16M19E	6																	
<u>Claimed Pl</u>			6	3	9	2														12

CLAIM NUMBER				NE				NW				SW				SE				TOT. ACR
	T N S	R N G	S E C	N E	N W	S W	S E	N E	N W	S W	S E	N E	N W	S W	S E	N E	N W	S W	S E	
		17N19E	31																	
<u>Claimed Pl</u>			31														3	15	8	2

Total Acres 53

Decree info

72-00163	5-1-1912	.80 CFS	1/2N Horn C
00164	9-14-1931	.20 CFS	?

Claim	Priority	Rate	Acres	RATE/ACRE	COMBINED RATE
00163	1912	.8 CFS	40	.02 CFS/A	
00164	1931	.2 CFS	40	.005 CFS/A	.025 CFS/A
10243	1912	.8 CFS	40	.02 CFS/A	.045 CFS/A

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SYSTEM CLAIM NUMBERS

07 16 4

10243

INITIALS

DATE _____

OR ENTRY
ORDER

CODE

2.75 CFS

72.5 AFRA

29 Aero

72-00163, 00164, 10243

502

614

CODE

OR
STATUS

CODE

9

CØ2- chg source
CØ3 chg P/D legal

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SOIL CHARACTERISTICS

CLAIM NO. --- A72-00163, 00164, & 10243 Lotus Program:
AGENT ----- KKC IRR-PRAC.WK3
DATE ----- 12/15/93 Date form revised:
4/21/93 by KKC

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 (ft)	AWC (inches)	intake family	
lower	upper	lower	upper	lower	upper	lower	upper			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			1	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
alfalfa (hay or seed)	5	0.5	2.08
corn (field or silage)	4	0.5	1.90
grain (winter or spring)	4	0.5	1.90
pasture (or grass hay)	3	0.5	1.72
other (enter below)			

FIELD NOTES AND CALCULATIONS

	FIELD 1	FIELD 2	FIELD 3	FIELD 4
FIELD WIDTH	4512	0		
IRRIGATION DAYS	10			
DRY DAYS	0			
SET TIME(hours)	8			
CALCULATED RUN (run = acres*43560/width)				
LENGTH (RUN) =	280			
CALCULATED BORDER WIDTH (ditch length/irr days * cha				
WIDTH =	150			
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	Net Irrigation Requirement (mm/day)								
			recomm. eff.	mar	apr	may	jun	jul	aug	sep	oct
PASTURE	29	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	29		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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GRADED BORDER EVALUATION

Job name: A72-00163, 00164
By: KKC

Location: BC1 SOIL FOR 29 ACRES
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0400 ft/ft Border width (W)= 150 ft
Net application (Fn)= 1.72 inches Border length (L)= 280 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)	Note
2.70	Gross depth is less than required gross application depth					
2.71	Gross depth is less than required gross application depth					
2.72	Gross depth is less than required gross application depth					
2.73	Gross depth is less than required gross application depth					
2.74	Gross depth is less than required gross application depth					
2.75	0.018	22.63	20.83	0.08	7.6	
2.76	0.018	22.71	20.83	0.16	7.6	
2.77	0.018	22.79	20.83	0.24	7.5	
2.78	0.019	22.88	20.83	0.32	7.5	
2.79	0.019	22.96	20.83	0.41	7.5	
2.80	0.019	23.04	20.83	0.49	7.5	

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NAME OF STREAM OR DITCH VAN HORN CREEK
 LOCATION ----- NORTHERN MOST P/D OF 2
 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

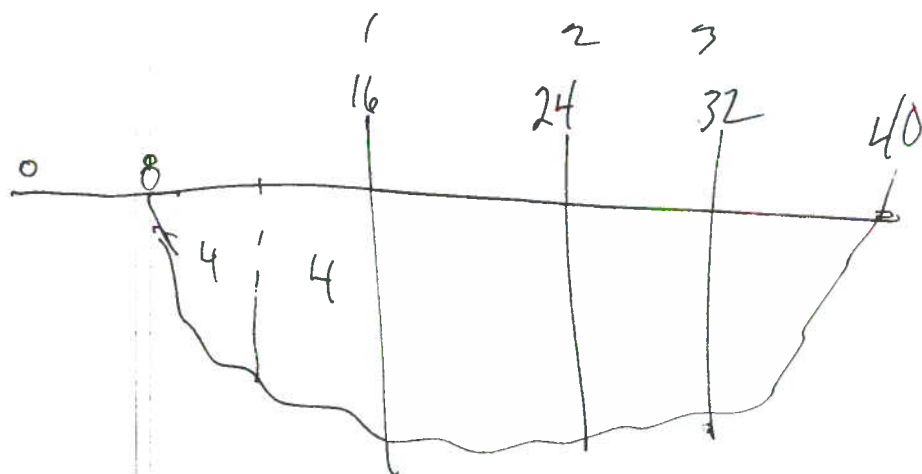
WATER RIGHT NUMBER IF APPLICABLE ----- A72-00163, 00164 & 10243
 AGENT CONDUCTING MEASUREMENT AND DATE- KKC 9-22-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

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

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
						2ND MEASUREMENT	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.67		0.25				0.33	0.083			0.19	0.02
		1.33	0.50		15	56.3		0.67	0.333	0.27		0.27	0.09
		2.00	0.50		30	58.4		0.67	0.333	0.51		0.51	0.17
		2.67	0.50		30	58.2		0.67	0.333	0.52		0.52	0.17
		3.33		0.25				0.33	0.082			0.26	0.02
END													
													0.47

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9-22-93



M. C. Cattle Assoc
Northern Most P/O
Approx 40' from diiv.

POOR ORIGINAL

Stat	depth	Rev	Sec
1	6"	15	59.23 55.28 57.03
2	6"	30	59.85
3	6"	30	57.41 58.97

water clear bottom for
muddy to sandy side
sloping sharply some
minor vegetation means
considered good. approx
50% of ditch capacity

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NAME OF STREAM OR DITCH VAN HORN CREEK
 LOCATION ----- LOWER DIVERSION OF 2
 PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
 BASIS OF VELOCITY CALCULATIONS ----- 1
 IF YOU ARE USING A PYGMY METER ENTER ----- 2
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- 1

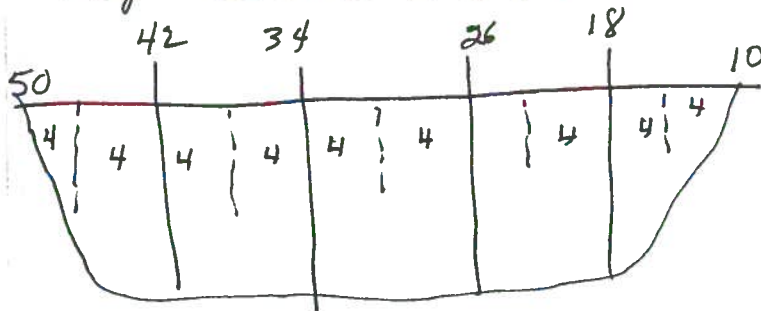
WATER RIGHT NUMBER IF APPLICABLE ----- A72-00163, 00164 & 10243
 AGENT CONDUCTING MEASUREMENT AND DATE- KKC 8-18-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

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

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
						2ND MEASUREMENT TIME/SEC	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.83		0.16				0.33	0.054			0.77	0.04
		1.50	0.33		60	39.9		0.67	0.217	1.50		1.50	0.33
		2.17	0.40		60	36.8		0.67	0.267	1.63		1.63	0.43
		2.83	0.43		60	31.8		0.67	0.283	1.89		1.89	0.53
		3.50	0.40		60	50.8		0.67	0.267	1.18		1.18	0.31
		4.17		0.20				0.33	0.067			0.59	0.04
END													
													1.69

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Morgan Creek Cattle Assn



8-18-93
Lower division
(goes just S of conals)
measured approx 8' from P/D

POOR ORIGINAL

measured in feet

stat	depth	Rev	Sec
1	3.25	60	39.75 40.06
2	4	60	36.63 37.03
3	4.25	60	31.09 32.57
4	4	60	50.67 50.94

water clear, bottom gravel
sides slope up gradually
no vegetation slight curve
to approach.
mass. Good Ditch approx
75% full.

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FROM TERRY Blau

DATE 2-20-85

TO File #s 72-0163-72-0166

SUBJECT Source Error

Upon reviewing the H.E.S. Plats it was discovered that the source serving H.E.S. No. 614 should be Van Horn Creek rather than Alder Cr. and the source serving H.E.S. No. 263 should be Alder Cr. rather than Van Horn Cr.

Terry Blau
SIGNATURE

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