

RECEIVED

FEB 10 1994

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

Department of Water Resources
Southern Region Office

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: A72-00173
Date Received: 1/10/1990
Receipt No: X777777
Received By: _____

AMENDED

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

AMENDED

1. Name: TUDDIE JONES
Address: HC 82 BOX 4020
CHALLIS ID

83226

AND/OR

Name: VERL JONES
Address: HC 82 BOX 4020
CHALLIS ID

83226

y. J.

2. Date of Priority: ~~MAY 1, 1921~~

May 1, 1920

3. Source: MORGAN CREEK

Trib. to: SALMON RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
17N	19E	20	SE	SW			CUSTER
		29	NW	SW			CUSTER
		31	SE	NE			CUSTER

5. Description of diverting works:

THREE DITCHES EARTHEN DITCHES FOR FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.500		

7. Total Quantity Appropriated is:

0.500 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is

Acre Feet Per Annum.

9. Non-irrigation uses:

MICROFILMED

NOV 01 1994

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
17N	19E	29	SW	SW		IRR	11.0
						Section Acres	11.0
		30	SW	SE		IRR	11.0
			SE	SE		IRR	13.0
						Section Acres	24.0
		31	NE	NE		IRR	40.0
			NW	NE		IRR	15.0
			SW	NE		IRR	3.0
			SE	NE		IRR	34.0
			NE	SE		IRR	27.0
						Section Acres	119.0
		32	NW	NW		IRR	8.0
						Section Acres	8.0
						Total Acres	162.0

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:

72-0171, 0172, 0174

14. Remarks:

ORIGINALLY CLAIMED AS A COMBINED RIGHT UNDER A72-10412 WITH CLAIMS FOR A P/U IN 15N 19E. CLAIM SPLIT TO SEPERATE DIVERSION RATES BETWEEN TWO DISTINCT P/Us. KKC 12-16-93.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: 5/ 2/1935

IVAN HUGHES ET AL
Decree Plaintiff

VAL JONES ET AL
vs Decree Defendant

MICROFILMED

NOV 01 1994

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): Verle Jones Date: Jan 23, 1994

Date: _____

State of Idaho)
County of Lester) SS.

Subscribed and sworn (or affirmed) before me this 28th day
of January 19 94 Charlotte K. Porter
Notary Public

Seal

Residing at Challis, Idaho
My Commission Expires 7-14-98

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NOV 01 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

04-Jan-1994

VERL JONES
HC 82 BOX 4020
CHALLIS ID 83226

RE: ADDITIONAL INFORMATION NEEDED FOR ADJUDICATION CLAIMS
A72-00173, A72-04188A AND A72-04189.

Dear Mr Jones

Some details need to be clarified before the above claims can be recommended and I will list my questions by claim.

CLAIM A72-00173

As we discussed in Challis, I split your combined claim A72-10412 into claim A72-10412A (which is still the combined total of decreed rights 72-00167 and 72-00169 and for the ground near the mouth of Morgan Creek) and A72-00173.

When the original claim was filed as a combined right Idaho Code directed that the latest priority date be the claimed date which in this case was 07-01-1921. 72-00173 was decreed with a 05-01-1920 priority date and an amendment of the claim is required before I can recommend that date. I have enclosed a copy of A72-00173 for your use if you wish to amend the claim.

ACTION NECESSARY

To amend the claim cross out the incorrect information, write in the correct information, initial the changes, sign the claim form, and have your signature notarized.

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JAN 01 1994

JONES
PAGE 2
04-Jan-1994

CLAIM A72-04189

SOURCE, SPRING SOUTHWEST OF MORGAN CREEK ROAD NEAR CORRALS

Because we have discussed your uses several times I understand this claim, the basis for the claimed priority date, and the location of the place of use, however, this claim is a part of the Snake River Basin Adjudication and as such your affidavit supporting the claimed priority date must be clear enough for someone unfamiliar with your use to be able to tie your statement with the claim.

ACTION NECESSARY TO SUPPORT EVIDENCE OF PRIORITY

1. You stated in the first affidavit that you and your brother built the ditch to carry the water which establishes that you have personal knowledge of the development, but you need to state specifically the date the development commenced and why that date is correct.
2. As this claim overlaps with the Morgan Creek claims, you need to better describe the physical location of the place of use such as between road and slew or southern end of irrigated ground or what ever identifies that place of use.
3. This statement is an affidavit which requires having your signature notarized.

ADDITIONAL INFORMATION NECESSARY

Although the claimed diversion rate appears to be greater than the excess flow requirement for the found acres I did not obtain the days required to irrigate this ground. I need the number of days required to irrigate the ground and then the dry days between irrigations (just the acres covered by the spring itself). I have made a preliminary estimate based upon the ten day rotation practice you indicated as necessary for the other ground irrigated but I cannot make a final recommendation without this information.

CLAIM A72-04188A
SOURCE, CORRAL CREEK

It is my understanding that all of the ground west of the Morgan Creek road that is irrigated by Corral Creek water is within HES-823 which you described in your first affidavit as a desert entry taken up by your mother. I assume that the

MICROFILMED
NOV 6 1994

JONES
PAGE 3
04-Jan-1994

forty acres you refer to in that affidavit refers to ground that Netta Jones has claimed (the northern portion) and that you have claimed (the southern portion of that ground).

ACTION NECESSARY

1. Please state the specific date you identify as the beginning of beneficial use as indicated in the first affidavit as the time you developed the ground to prove up on the desert entry.
2. As you are claiming only a portion of the original statutory claim, please describe all of the original place of use and then specify the portion that you are now claiming.
3. Again, this statement is an affidavit which requires having your signature notarized.

POTENTIAL AMENDMENT OF CLAIM NEEDED

I did not obtain the irrigation practices for this portion of your property, however, assuming that this ground is irrigated similar to the ground west of Morgan Creek at ten days between irrigations I ran the excess flow analysis for the 12 acres which confirms the need for an additional diversion rate above one inch per acre. The analysis indicated a potential requirement of 1.14 cfs. Your claim was for 0.63 cfs. If your irrigation practices are indeed ten days and you wish to claim 1.14 cfs your claim will have to be amended. I have enclosed a copy of A72-04188A for your use if you wish to amend the claim. To amend the claim, cross out the incorrect information, write in the correct information, initial the changes, sign the claim form, and have your signature notarized. Please confirm or identify the irrigation days requirement.

I realize it seems that we are beating the same horse time after time, but getting things in order the first time is a lot easier than trying to correct a mistake later. If you have any questions or want additional help please call me at 736-3033. I will be out of the office on Monday, January 10 but I should be in the office almost any other working day. I hope you have settled into your new trailer home by now.

Sincerely

Kelly K. Christensen
Sr. Water Resource Agent
enclosures

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NOV 01 1994

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

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YOUR FILES

NOTICE OF CLAIM TO A WATER RIGHT
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CHALLIS ID

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Name: VERL JONES
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2. Date of Priority: MAY 1, 1921

3. Source: MORGAN CREEK

Trib. to: SALMON RIVER

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
17N	19E	20		SE	SW		CUSTER
		29		NW	SW		CUSTER
		31		SE	NE		CUSTER

5. Description of diverting works:

THREE DITCHES EARTHEN DITCHES FOR FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	11/01	0.500		

7. Total Quantity Appropriated is:

0.500 C.F.S. (and/or)

A.F.A.

8. Total consumptive use is

Acre Feet Per Annum.

9. Non-irrigation uses:

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NOV 11 1994

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
17N	19E	29	SW	SW		IRR	11.0
						Section Acres	11.0
		30	SW	SE		IRR	11.0
			SE	SE		IRR	13.0
						Section Acres	24.0
		31	NE	NE		IRR	40.0
			NW	NE		IRR	15.0
			SW	NE		IRR	3.0
			SE	NE		IRR	34.0
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		32	NW	NW		IRR	8.0
						Section Acres	8.0
						Total Acres	162.0

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:
72-0171, 0172, 0174

14. Remarks:
ORIGINALLY CLAIMED AS A COMBINED RIGHT UNDER A72-10412 WITH
CLAIMS FOR A P/U IN 15N 19E. CLAIM SPLIT TO SEPERATE DIVERSION
RATES BETWEEN TWO DISTINCT P/Us. KKC 12-16-93.

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: 5/ 2/1935

IVAN HUGHES ET AL
Decree Plaintiff

VAL JONES ET AL
vs Decree Defendant

MICROFILMED
NOV 01 1994

AJ0743NP
(00-124)

IDAHO DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIMS PROOF READING REPORT
(REGIONAL)

10/01/98 10:02:22
Page 1

Water Right Number - R72-00173

Prefix Translation:

RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***

JONES

TUDDIE

JONES

VERL

1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000
1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000

State- ID Zip- 83226

State- ID Zip- 83226

Priority Date - - +
05/01/1920

Region - - - +
17 SOUTHERN

D - DECREED

Stage - - - +

Status - - - +

Source - - - - +
MORGAN CREEK

Tributary - - - - +
SALMON RIVER

Twn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion
17N	19E	20	SE SE SW			(37) CUSTER	
		29	NW SW SW			(37) CUSTER	
		32	NW SW NW			(37) CUSTER	

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

01 - IRRIGATION

04/15 10/15

0.500

Total Div. Rate - + Total Div. Volume - +
0.500

Total Consumptive Use - + KW Usage - +
0.0

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
17N	19E	29	SW SW		11.0	01 IRRIGATION		(37) CUSTER	
17N	19E	30	SW SE		9.0	01 IRRIGATION		(37) CUSTER	
17N	19E	30	SE SE		12.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	NE NE		4.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	NW NE		13.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	SW NE		1.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	SE NE		35.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	NE SE		27.0	01 IRRIGATION		(37) CUSTER	
17N	19E	32	NW NW		10.0	01 IRRIGATION		(37) CUSTER	
17N	19E	32	SW NW		3.0	01 IRRIGATION		(37) CUSTER	

Total Acres: 162.0

- - - Diversion Means - THREE DITCHES EARTHEN DITCHES FOR FLOOD IRRIGATION

Handwritten notes:
P/N includes water
a crew owned by P/N
use permit for flood
HES Boundary Survey
available A.T.T.
to determine those areas

VERIFIED BY *KKC*
11-16-98

Prefix Translation: RESEARCH

+ - - Other Rights for Same Use - 72-00171, 72-00172, 72-00174

	Remarks
+	

USE OF THE RIGHTS LISTED BELOW IS LIMITED TO THE IRRIGATION OF
A COMBINED TOTAL OF 162 ACRES IN A SINGLE IRRIGATION SEASON.
COMBINED RIGHT NOS.: 72-00171, 72-00172, 72-00173, 72-00174,
72-16108 AND 75-02169.

RIGHTS HAVE ALSO BEEN CLAIMED TO WATER FROM BASIN 75 FOR THE SAME PURPOSE OF USE AT THE SAME PLACE OF USE DESCRIBED ABOVE, WHICH WILL BE INCLUDED IN A DIRECTOR'S REPORT TO BE FILED AT A LATER DATE. ANY WATER RIGHTS RECOMMENDED IN THE BASIN 75 REPORT FOR THE SAME PURPOSE OF USE AT THE SAME PLACE OF USE DESCRIBED ABOVE WILL CONTAIN REMARKS LIMITING THE COMBINED USE OF THIS RIGHT AND THE BASIN 75 RIGHTS.

EXP THE FOLLOWING RIGHTS ARE DIVERTED THROUGH THE POINTS OF
DIVERSION DESCRIBED ABOVE: 72-00171, 72-00172, 72-00173, 72-00174
AND 72-16108.
75-02169 IS REDIVERTED THROUGH THE SAME POINTS OF DIVERSION.

No Old Water Right Numbers Found	Old Water Right Numbers
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

+-----+ Conditions of Approval -----+
 C03 - RIGHT INCLUDES ACCOMPLISHED CHANGE IN POINT OF DIVERSION
 - PURSUANT TO SECTION 4.2-1425, IDAHO CODE.

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

+	-	Comments-	+
Date: 02/10/1994	User Id: CHRISTEN	Subject: COPIED FROM REMARKS	
ORIGINALLY CLAIMED AS A COMBINED RIGHT UNDER A72-104.12 WITH		CLAIMS FOR A P/U IN 15N 19E. CLAIM SPLIT TO SEPERATE DIVERSION	
RATES BETWEEN TWO DISTINCT P/Us. KKC 12-16-93.		**** CLAIM AMENDED ON 1-28-94 TO CHANGE PRIORITY DATE. KKC *****	

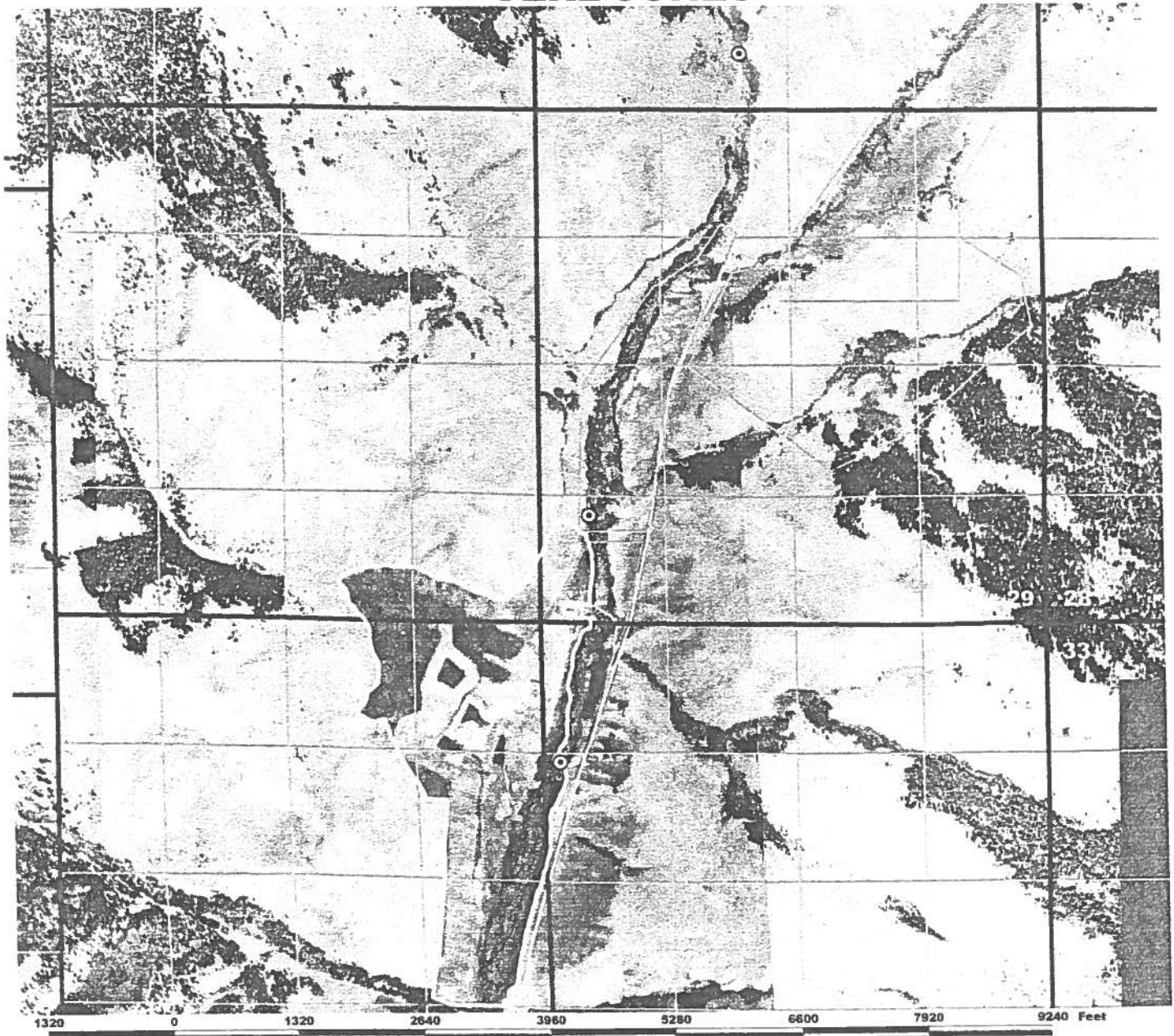
10/01/98 KCHRISTE

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	-	

**72-00171, 72-00172, 72-00173,
72-00174, 72-16108, & 75-02169**

MORGAN CREEK RIGHTS

VERL JONES



**RECOMMENDED PLACE OF USE
TWP 17N. RNG 19E,
SEC 29, 30, 31, & 32
data entry on August 1, 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**

Recommendation Review 10-2-98

Based upon GIS acres were shifted in some Q Q's but the overall P/U was not changed.

The legals for some P/D's were also corrected based upon the GIS system.

The revised Hubble Analysis continued to indicate a required diversion rate that is in excess of the combined claimed rates and the system capacity. The limiting factor is still the system capacity, therefore the div rates were not adjusted.

KKC



KELLY K CHRISTENSEN
SR WATER RESOURCE AGENT
IDAHO DEPT OF WATER RESOURCES
SOUTHERN REGION

RE-EVALUATION OF IRRIGATION RATES BASED UPON 1951 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS 72-00171, 72-00172, 72-00173
72-00174, 72-16108, & 75-02169

DATE: 10-2, 1998

REVIEWED BY KKC

CHALLIS AREA SOIL REVIEW

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION		SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA		PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
ATC	.15	.13			6.49	7.62	PD2	.11	.12			5.15	4.74
BB1	.09	.09			6.09	6.17	RE2	.29	.21			3.15	4.74
BBD							RP1	.19	.21			4.89	4.57
BC1	.16	.17			5.82	5.46	SH1	.06	.05			9.37	12.10
BK1	.07	.06			10.62	11.86	SOC	.08	.07			7.38	8.08
BT1	.18	.16			3.99	4.19	SSA	.15	.14			4.79	5.01
BT2	.41	.32			2.34	2.87	SXF	.12	.11			6.14	6.80
CB1	.06	.06			11.55	13.47	TC1	.06	.06			9.82	9.55
CHA	.21	.21			4.52	4.76	TD1	.04	.03			12.46	16.50
CP1	.36	.36			2.61	2.78	WB2	.13	.13			5.37	5.43
DB1	.13	.11			5.66	6.65	WAA	.19	.16			3.81	4.23
DBB	.13	.11			5.71	6.69	WBB	.17	.14			3.36	3.84
DBC	.13	.11			5.71	6.69	WC1	.07	.06			11.24	13.45
DMF	.18	.21			5.12	4.72	WPT	.19	.15			3.16	3.69
DT2	.05	.04			12.46	16.50	WV1	.07	.06			11.24	13.45
DWA	.14	.14			4.79	5.01	XHS						
GO1	.10	.12			12.47	10.51	YN1	.18	.14			5.38	6.92
HAYSE													
KEG	.08	.07			8.73	10.06							
MUG	.15	.14			4.54	4.98							
NDL	.13	.12			5.30	6.06							

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	162	1.16	15.08 CFS
	/		*	*	CFS
	/		*	*	CFS
	/		*	*	CFS

TOTAL ACRES _____

DECREED RATE = _____

CLAIMED DIVERSION RATE = _____

MEASURED DIVERSION RATE = _____

LAIM NUMBER

72-00171 72-00172

DATE

10-1-98

TRANSFER NUMBER

72-00173 72-00174 72-16108

AGENT

KKC

CLAIMED ACRE TOTAL

162

75-02169

GIS ACRE TOTAL

162

				NE				NW				SW				SE			
	TWP	RNG	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
CLAIM	17N	19E	29											11					
GIS			29											10.9					
RECOM														11					11
CLAIM	17N	19E	30															11	13
GIS																	8.6	12	
RECOM																	9	12	21
CLAIM	17N	19E	31	40	15	3	34									27			
GIS				41.1	12.8	3	35									26.8			
RECOM				41	13	1	35									27			117
CLAIM	17N	19E	32							8	10-								
GIS										9.6	30								
RECOM										10	3								13

B72-DBPOU.SHP

SHAPE NOS.

94

B72-DBPOD.SHP

NOS. DESCRIPTION

31 Sec 20 SESESW

32 Sec 29 NWSWSW

33 Sec 32 NWSWNW

DBF TABLES UPDATED

B72-DBPOU.DBF 10-2

B72-DBPOD.DBF 1'



State of Idaho

DEPARTMENT OF WATER RESOURCES

1341 Fillmore Street, Suite 200, Twin Falls, ID 83301-3380

Phone: (208) 736-3033 FAX: (208) 736-3037

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

January 10, 1997

Russ Camper
Challis Ranger District
H.C. 63
Box 1669
Challis, ID 83226

Dear Mr. Camper:

Pursuant to your recent request, I have enclosed copies of proof reports of Verl Jones' water rights out of Morgan Creek and Otter Creek. The proof reports I have enclosed, are based on "R-Records" for Mr. Jones' water rights. These records are summaries of the department's initial Snake River Basin Adjudication recommendation for Mr. Jones' water rights based on preliminary fieldwork. These recommendations have not yet been filed with the court, so they may be subject to possible changes. However, these records are the most current and accurate reflection of Mr. Jones' water rights. Please find the following proof reports enclosed:

R75-02169

This is the water right diverted out of Otter Creek and then used in the Morgan Creek drainage. Mr. Jones uses this water on two portions of land, upper (land within Township 17 North, Range 19 East) and lower (land within Township 15 North, Range 19 East).

R72-00171, R72-00172, R72-00173, R72-00174, and R72-16108

These water rights are used on the upper portion of land (within Township 17 North, Range 19 East) in the Morgan Creek drainage. The water diverted out of Otter Creek is also used with these rights.

R72-10412A, R72-10413A, and R72-16107

These water rights are used on the lower portion of land (within Township 15 North, Range 19 East) in the Morgan Creek drainage. The water diverted out of Otter Creek is also used with these rights.

January 10, 1997
Page 2

Hopefully these proof reports will provide you with the information that you need. If you have specific questions concerning these particular water rights, you may want to contact Kelly Christensen of this office. Mr. Christensen is the adjudication agent who conducted the field review for these particular water rights and he should be pretty familiar with them.

If you have any questions, feel free to contact this office at your convenience.

Sincerely,

A handwritten signature in cursive script, appearing to read "Corey Skinner".

Corey Skinner, EIT
Dam Safety Section

Enclosures

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Presumption Memorandum Status

AGENT KKC

DATE 2-10-93

CLAIM NUMBER	STAGE	PRESUMPTION CATEGORY			WITHIN A PPU	
		1st	2nd	Accomplished transfer	(YES)	(NO)
<u>A72-00173</u>	<u>D</u>			<u>C03</u>	<u>X</u>	

FIRST PRESUMPTION ISSUES: DATE OF CHANGE IF KNOWN: unknown
RECOMMENDED ACRES WITHIN THE ORIGINAL DECREED P/U: _____
RECOMMENDED ACRES OUTSIDE OF DECREED P/U: _____

SECOND PRESUMPTION ISSUES: DATE OF CHANGE IF KNOWN: _____

ACCOMPLISHED TRANSFERS: DATE OF CHANGE IF KNOWN: unknown

TYPE OF CHANGE: (P/D), P/U, (N/U), OTHER

Decree only describes 2 PUs. of Land 3.

OVERLAPPING CLAIMS:	ACRES	ACRES
<u>A72-00171</u>		
<u>00172</u>		
<u>00174</u>		
<u>1610B</u>		

R PROOF

CVR

MAPS

PHOTOS

MISC

—

—

—

—

—

Water Right Number - R72-00173

Prefix Translation: RESEARCH

Old (D) Number -

*** C - CURRENT OWNER ***
JONES

TUDDIE

1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000
1 - HC 82 BOX 4020
2 -
3 -
City- CHALLIS
Phone - 208-000-0000

State- ID Zip- 83226

JONES

VERL

State- ID Zip- 83226

Priority Date - +
05/01/1920

Region - +
17 SOUTHERN

D - DECURED

Status - +

Source - +
MORGAN CREEK

Tributary - +
SALMON RIVER

Twn	Rng	Sec	Tract	Lot	Rflg	County	Point of Diversion
17N	19E	20	NE SE SW			(37) CUSTER	
		29	NW NW SW			(37) CUSTER	
		32	NW SW NW			(37) CUSTER	

Code	Description	Period from	Period To	Water Use	Diversion Rate	Diversion Volume
01 - IRRIGATION		04/15	10/15		0.500	

+ - Total Div. Rate - + + - Total Div. Volume - + + - Total Consumptive Use - + + - KW Usage - +
0.500 0.0

Twn	Rng	Sec	Tract	Lot	Acres	Place of Use	Code	Description	County
17N	19E	29	SW SW		11.0	01 IRRIGATION		(37) CUSTER	
17N	19E	30	SW SE		11.0	01 IRRIGATION		(37) CUSTER	
17N	19E	30	SE SE		13.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	NE NE		40.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	NW NE		15.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	SW NE		3.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	SE NE		34.0	01 IRRIGATION		(37) CUSTER	
17N	19E	31	NE SE		27.0	01 IRRIGATION		(37) CUSTER	
17N	19E	32	NW NW		8.0	01 IRRIGATION		(37) CUSTER	

Total Acres: 162.0

+ - Diversion Means - THREE DITCHES EARTHEN DITCHES FOR FLOOD IRRIGATION

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NOV 0 1 1994

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MAY 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

PAGE: 14
QUICKLOOK INFORMATION

CLAIM NUMBER: A72-00173

08:31:14
12/17/93

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		2-10-94 KRC	N	1,2,5,6	2-10-94 KRC		
POINT OF DIV	Y		KRC 8-3-93	Y	1,2,5,6	KRC 12-17-93		
SOURCE			11	N	"	4		
PLACE OF USE	Y		11	Y	"	11		
DIV. AMOUNT CFS/VOLUME			11	N	11	11		
CONSUMPTIVE USE	-		11	Y	"	4		
PURPOSES			11	N	"	4		
PERIOD OF USE	Y		11	Y	6	11		
BASIS OF CLAIM			11	N	6	4		
REMARKS	Y		11	Y	6	4		

"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: 1968
ASCS 2-4
ORTHO 574 & 575
USDA-F 1789-119,120 94-91
SCS 50615 MAP 243-322

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 01 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

PAGE: 1
GENERAL INFORMATION

CLAIM NUMBER: 1
ATZ-00173

08:31:14
12/17/93

LAST: JONES
ADDRESS: HC 82 BOX 4020
CITY: CHALLIS
PHONE NUMBER: 208-000-0000
OWNER CODE: C
FIRST: TUDDIE
STATE: ID ZIP: 83226

LAST: JONES
ADDRESS: HC 82 BOX 4020
CITY: CHALLIS
PHONE NUMBER: 208-000-0000
OWNER CODE: C
FIRST: VERL
STATE: ID ZIP: 83226

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

CLAIM REMARKS: ORIGINALLY CLAIMED AS A COMBINED RIGHT UNDER ATZ-10412 WITH
CLAIMS FOR A P/U IN 15N 19E. CLAIM SPLIT TO SEPERATE DIVERSION
RATES BETWEEN TWO DISTINCT P/US. KKC 12-16-93.

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CONTACT PERSON: Vel Jones

PHONE NUMBER: () -

DATE OF FIELD EXAM: 8/3/93

APPOINTMENT MADE: Y() N()

TIME: : A() P()

ACCOMPANIED BY: _____

PHONE NUMBER: () -

RELATIONSHIP TO CLAIMANT: owner

DIRECTIONS TO PROPERTY / NOTES:

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A. AJ CLAIM: # A72-00173 PRIORITY DATE: 05-01-1921 STAGE: D
B. WR RECORD: # 72-00173 PRIORITY DATE: 05-01-1920 STAGE: D

C. FIELD EXAM REQUIRED?

DUE TO PRIORITY DATE DISCREPANCY? (Y/N) DATABASE EXAMINER
Y

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

NOTES:

The claim was amended on 1-28-94 to match the original decreed priority date of 5-1-1920. As this claim is verified to be an originally decreed & accept the priority date as amended

RECOMMENDED PRIORITY DATE:

5-1-1920

REVIEWED BY

KKC

DATE

2-10-94

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A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A72-00173	17N	19E	20		SE	SW		CUSTER
A72-00173	17N	19E	29		NW	SW		CUSTER
A72-00173	17N	19E	31		SE	NE		CUSTER

OTHER AJ CLAIMS WITH SAME AJ POD

A PREFIX	R PREFIX
A72-00171	R72-00171
A72-00172	R72-00172
A72-00174	R72-10412
A72-16108	
A75-02169	

MR RECORDS IN SAME 40 ACRE TRACT

72-00171
72-00172
72-00174
72-04185
75-02169

SOURCE: MORGAN CREEK

TRIB: SALMON RIVER

B. MR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
72-00173	17N	19E	20		SE	SW		CUSTER
72-00173	17N	19E	29		NW	SW		CUSTER

OTHER MR RECORDS WITH SAME MR POD

72-00171
72-00172
72-00174
72-04185
75-02169

A72-00171
A72-00172
A72-00174
A75-02169

NONE

AJ CLAIMS IN SAME 40 ACRE TRACT

A PREFIX
R PREFIX

SOURCE: MORGAN CREEK

TRIB: SALMON RIVER

C. FIELD EXAM REQUIRED?

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

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MAY 01 1994

A. ROOT WATER RIGHT NUMBERS: A72-00173

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
17N	19E	29	SW	SW		JONES, TUDDIE	A72-00173 /11.0	72-00173 /			9.0
			SW	SW		JONES, VERL	A72-00171 /11.0	72-00171 /			
			SW	SW		JONES, VERL	A72-00172 /11.0	72-00172 /			
			SW	SW		JONES, VERL	A72-04188A / 6.0	-			
			SW	SW		JONES, VERL	A75-02169 /11.0	-			
			SW	SW		JONES, VERL	R72-00171 /11.0	-			
			SW	SW		JONES, VERL	R72-00172 /11.0	-			
			SW	SW		JONES, VERL	R72-04188A / 6.0	-			
			SW	SW		JONES, VERL	R72-10412 /11.0	-			
			SW	SW		JONES, TUDDIE	A72-00174 /11.0	72-00174 /			
			SW	SW		JONES, VERL	A72-16108 /11.0	-			
			SW	SW		JONES, VERL	72-04185 / 6.0				
			SW	SW		JONES, VERL	72-04188 / 6.0				
17N	19E	30	SW	SE		JONES, TUDDIE	A72-00173 /11.0	72-00173 /			19.0
			SW	SE		JONES, VERL	A72-00171 /11.0	72-00171 /			
			SW	SE		JONES, VERL	A72-00172 /11.0	72-00172 /			
			SW	SE		JONES, VERL	A75-02169 /11.0	75-02169 /15.0			
			SW	SE		JONES, VERL	R72-00171 /11.0	-			
			SW	SE		JONES, VERL	R72-00172 /11.0	-			
			SW	SE		JONES, VERL	R72-10412 /11.0	-			
			SW	SE		JONES, TUDDIE	A72-00174 /11.0	72-00174 /			
			SW	SE		JONES, VERL	A72-16108 /11.0	-			
			SW	SE		JONES, VERL	72-04185 / 4.0				
17N	19E	30	SE	SE		JONES, TUDDIE	A72-00173 /13.0	72-00173 /			19.0
			SE	SE		JONES, VERL	A72-00171 /13.0	72-00171 /			
			SE	SE		JONES, VERL	A72-00172 /13.0	72-00172 /			
			SE	SE		JONES, VERL	A75-02169 /13.0	75-02169 /15.0			
			SE	SE		JONES, VERL	R72-00171 /13.0	-			
			SE	SE		JONES, VERL	R72-00172 /13.0	-			
			SE	SE		JONES, VERL	R72-10412 /13.0	-			
			SE	SE		JONES, TUDDIE	A72-00174 /13.0	72-00174 /			
			SE	SE		JONES, VERL	A72-16108 /13.0	-			
			SE	SE		JONES, VERL	72-04185 /23.0				
17N	19E	31	NE	NE		JONES, TUDDIE	A72-00173 /40.0	72-00173 /			40.0
			NE	NE		JONES, VERL	A72-00171 /40.0	72-00171 /			
			NE	NE		JONES, VERL	A72-00172 /40.0	72-00172 /			
			NE	NE		JONES, VERL	A75-02169 /40.0	75-02169 /40.0			
			NE	NE		JONES, VERL	R72-00171 /40.0	-			
			NE	NE		JONES, VERL	R72-00172 /40.0	-			
			NE	NE		JONES, VERL	R72-10412 /40.0	-			
			NE	NE		JONES, VERL	A72-00174 /40.0	72-00174 /			

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TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
17N	19E	31	NE	NE		JONES, VERL	A72-16108 /40.0	72-04185 /39.0			
			NE	NE		JONES, VERL					
			NW	NE		JONES, TUDDIE	A72-00173 /15.0	72-00173 /			23.0
			NW	NE		JONES, VERL	A72-00171 /15.0	72-00171 /			
			NW	NE		JONES, VERL	A72-00172 /15.0	72-00172 /			
			NW	NE		JONES, VERL	A75-02169 /15.0	75-02169 /25.0			
			NW	NE		JONES, VERL	R72-00171 /15.0	- /			
			NW	NE		JONES, VERL	R72-00172 /15.0	- /			
			NW	NE		JONES, VERL	R72-10412 /15.0	- /			
			NW	NE		JONES, TUDDIE	A72-00174 /15.0	72-00174 /			
17N	19E	31	NW	NE		JONES, VERL	A72-16108 /15.0	72-04185 / 1.0			
			SW	NE		JONES, TUDDIE	A72-00173 / 3.0	72-00173 /			5.0
			SW	NE		JONES, VERL	A72-00171 / 3.0	72-00171 /			
			SW	NE		JONES, VERL	A72-00172 / 3.0	72-00172 /			
			SW	NE		JONES, VERL	A75-02169 / 3.0	75-02169 /10.0			
			SW	NE		JONES, VERL	R72-00171 / 3.0	- /			
			SW	NE		JONES, VERL	R72-00172 / 3.0	- /			
			SW	NE		JONES, VERL	R72-10412 / 3.0	- /			
			SW	NE		JONES, VERL	A72-00174 / 3.0	72-00174 /			
			SW	NE		JONES, VERL	A72-16108 / 3.0	- /			
17N	19E	31	SE	NE		JONES, TUDDIE	A72-00173 /34.0	72-00173 /			34.0
			SE	NE		JONES, VERL	A72-00171 /34.0	72-00171 /			
			SE	NE		JONES, VERL	A72-00172 /34.0	72-00172 /			
			SE	NE		JONES, VERL	A75-02169 /34.0	75-02169 /30.0			
			SE	NE		JONES, VERL	R72-00171 /34.0	- /			
			SE	NE		JONES, VERL	R72-00172 /34.0	- /			
			SE	NE		JONES, VERL	R72-10412 /34.0	- /			
			SE	NE		JONES, TUDDIE	A72-00174 /34.0	72-00174 /			
			SE	NE		JONES, VERL	A72-16108 /34.0	- /			
			SE	NE		JONES, VERL	72-04185 /29.0				
17N	19E	31	NE	SE		JONES, TUDDIE	A72-00173 /27.0	72-00173 /			28.0
			NE	SE		JONES, VERL	A72-00171 /27.0	72-00171 /			
			NE	SE		JONES, VERL	A72-00172 /27.0	72-00172 /			
			NE	SE		JONES, VERL	A75-02169 /27.0	75-02169 /15.0			
			NE	SE		JONES, VERL	R72-00171 /27.0	- /			
			NE	SE		JONES, VERL	R72-00172 /27.0	- /			
			NE	SE		JONES, VERL	R72-10412 /27.0	- /			
			NE	SE		JONES, TUDDIE	A72-00174 /27.0	72-00174 /			
			NE	SE		JONES, VERL	A72-16108 /27.0	- /			
			NE	SE		JONES, VERL	72-04185 /12.0				
17N	19E	32	NW	NW		JONES, TUDDIE	A72-00173 / 8.0	72-00173 /			14.0
			NW	NW		JONES, TUDDIE					

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TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
NW	NW					JONES, VERL	A72-00172 / 8.0	72-00172 /			
NW	NW					JONES, VERL	A72-00171 / 8.0	72-00171 /			
NW	NW					JONES, VERL	A72-04188A / 6.0	-			
NW	NW					JONES, VERL	A75-02169 / 8.0	-			
NW	NW					JONES, VERL	R72-00171 / 8.0	-			
NW	NW					JONES, VERL	R72-00172 / 8.0	-			
NW	NW					JONES, VERL	R72-04188A / 6.0	-			
NW	NW					JONES, VERL	R72-10412 / 8.0	-			
NW	NW					JONES, TUDDE	A72-00174 / 8.0	72-00174 /			
NW	NW					JONES, VERL	A72-00174 / 8.0	-			
NW	NW					JONES, VERL	72-04185 / 19.0	-			
NW	NW					JONES, VERL	72-04186 / 2.0	-			
NW	NW					JONES, VERL	72-04188 / 6.0	-			

TOTAL ACRES A72-00173

162.00

191.00

ARE IRRIGATED ACRES FOUND IN TRACTS OTHER THAN INDICATED ABOVE, YES (X) NO ()

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE Y EXAMINER

FIELD EXAMINER

POU COUNTY: CUSTER

PRESUMPTION FLAG:

NOTES:

Found P/Ls within HES-70.
See also top sheet

RECOMMENDATIONS:

TOTAL ACRES:

162

REVIEWED BY:

KKE

DATE:

12-17-93

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A. AJ CLAIMED USES:

PURPOSES
A72-00173 IRRIGATION

MONTH/DAY
FROM 04-05 TO 11-05
15 15 15
TOTAL DIVERSION RATE/VOLUME CLAIMED
500 CFS
500 CFS
Chgo Standards

B. WR RECORDED USES:

PURPOSES
72-00173 IRRIGATION

MONTH/DAY
FROM TO
TOTAL DIVERSION RATE/VOLUME CLAIMED
500 CFS
500 CFS

PRESUMPTION FLAG:

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)	Y	

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?
RECOMMEND TO WR STANDARDS OR OTHER?

NOTES:

Claimed rate matches allowed rate

Accept as Claimed

See flow sup doc.

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A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

AJ TOTAL CLAIMED DIVERSION RATE: 0.500 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 0.500 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?
DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N) N FIELD DATABASE EXAMINER

B.

MEASUREMENT METHOD 9.27 FLOW MEASUREMENT
SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: 72-0171, 0172, 0174

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A72-00173	MORGAN CREEK	JONES, TUDDIE	0.500	0.003		
R72-00171	MORGAN CREEK	JONES, VERL	1.500	0.009		
A72-00171	MORGAN CREEK	JONES, VERL	1.500	0.009		
A72-00172	MORGAN CREEK	JONES, VERL	0.700	0.004		
R72-00172	MORGAN CREEK	JONES, VERL	0.700	0.004		
A72-00174	MORGAN CREEK	JONES, TUDDIE	0.700	0.004		
R72-04188A	CORRAL CREEK	JONES, VERL	0.630	0.052		
A72-04188A	CORRAL CREEK	JONES, VERL	0.630	0.052		
R72-10412	MORGAN CREEK	JONES, VERL	1.700	0.008		
A72-16108	MORGAN CREEK	JONES, VERL	12.000	0.074		
A75-02169	OTTER CREEK	JONES, VERL	4.000	0.020		

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

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D. RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE
ACRES 162 x 0.02 CFS/ACRE = 3.24 CFS
(Taken from p/u review)

DOES AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE?

*** IF YES ADDITIONAL WATER USE FORM FILED AND ATTACHED? Y (X) 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 ()
P. U. IS H. E. S. #70, 153.55 AC.
P/D INCOMPLETE. SEE DECREE.

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

*see attached
workbook*

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RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD		REC. DIV RATE CFS	EXAMINER	REC. DIV VOL. AF/A		EXAMINER	REC. CONS. USE		EXAMINER
	FROM	TO								
IRRIGATION	04-01 15	14-01 10-15	0.500	OK				0.0		
TOTAL FOR THIS RIGHT			0.500					0.0		

REVIEWED BY: KKC DATE: 12-17-93

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OWNERSHIP	FORFEIT/ABANDON	ADDITIONAL DIV. AMOUNT

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

ROOT WATER RIGHT NUMBER: 72-00173
TOTAL DIVERSION RATE OF WR SPLITS

**DATABASE
0.500**

EXAMINER

CFS

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
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58	58
59	59
60	60
61	61
62	62
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89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

DIVERSION RATE

CURRENT "R"
CLAIM NUM.

11R1 DIV.
RATE

A72-00173

0.500

1

72-00173

DIVERSION RATE

TOTAL CFS

0.500

0.500

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

NOTES:

AUTHENTICATION:

SIGNATURE: Anthony J. Mautner

DATE: 12-17-93

NAME OF FIELD EXAMINER: _____

TITLE: St. Alaska Resource Agent

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CLAIM #72-00171-ek INIT KKC
T. R. S. Q/Q
P/D See quad map for legal.
PHOTO USDA-F 1789-120
DT. & ID. 9-4-91 flight

POOR COPY

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P/D #1
HIGH LEAK
DITCH

MEASUREMENT

P/D #2
CORRAL
CREEK
MEASUREMENT

DEWITT
CREEK

P/D #4
BIG DITCH

MORGAN
CREEK

P/D #3

2 DITCHES SAME DAY

30 } concurrent
or,
some
high line
the main
self

some tail water from
high line ditch reaches
the main ditch on some
sets.

CLAIM A72-0071-174 INIT KKC
T. R. S. Q/Q
P/D See other map enlarged
PHOTO USDA-F 1789-119 200%
DT.&ID. 9-4-91 flight

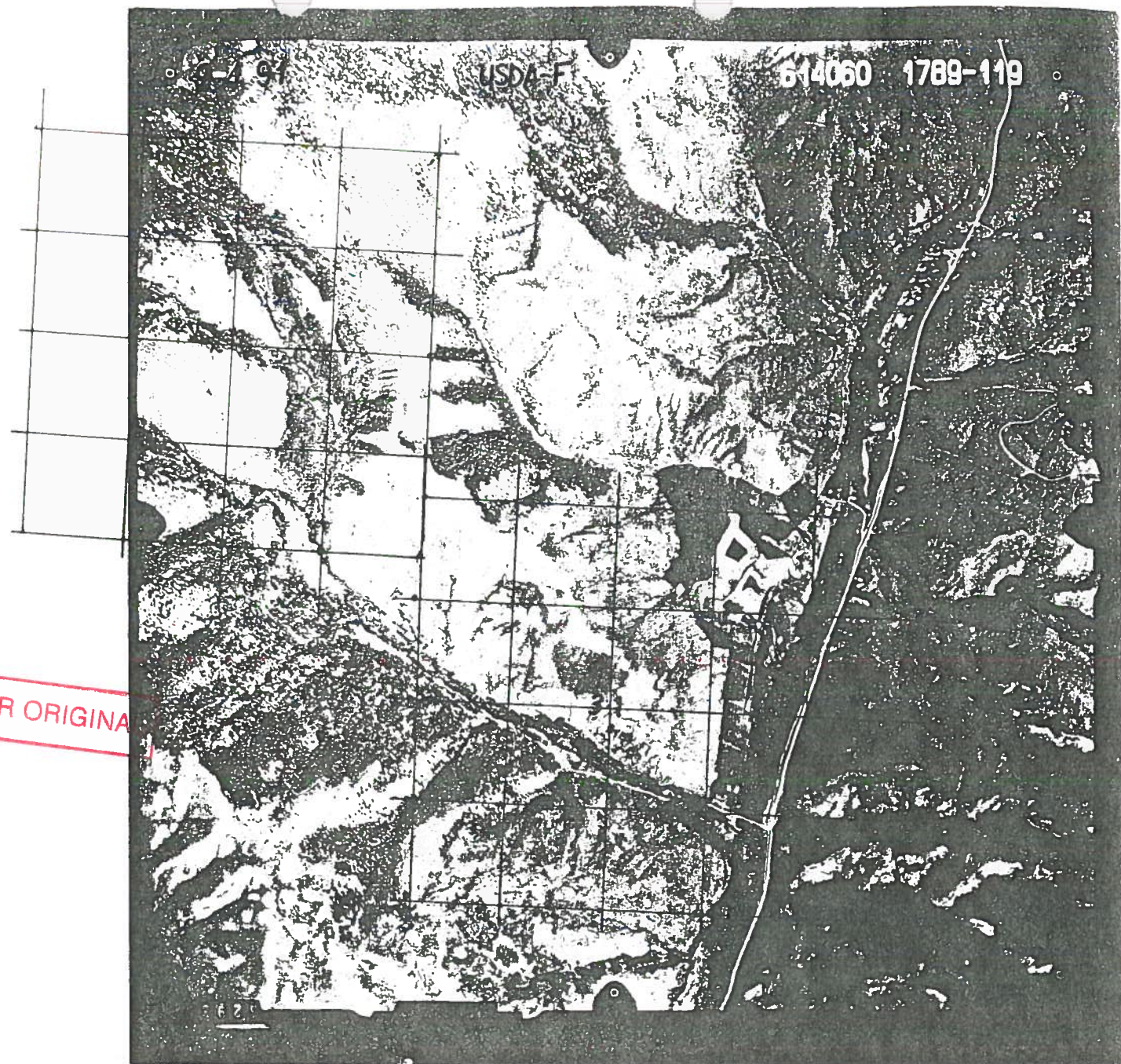
END
OF HIGH-
LINE
DITCH
(FROM NORTHERN
P/D)

END OF
MIDDLE DITCH

main
Ditch
(FROM P/O #3)

DITCH
Terraced.
after end of
middle ditch

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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-

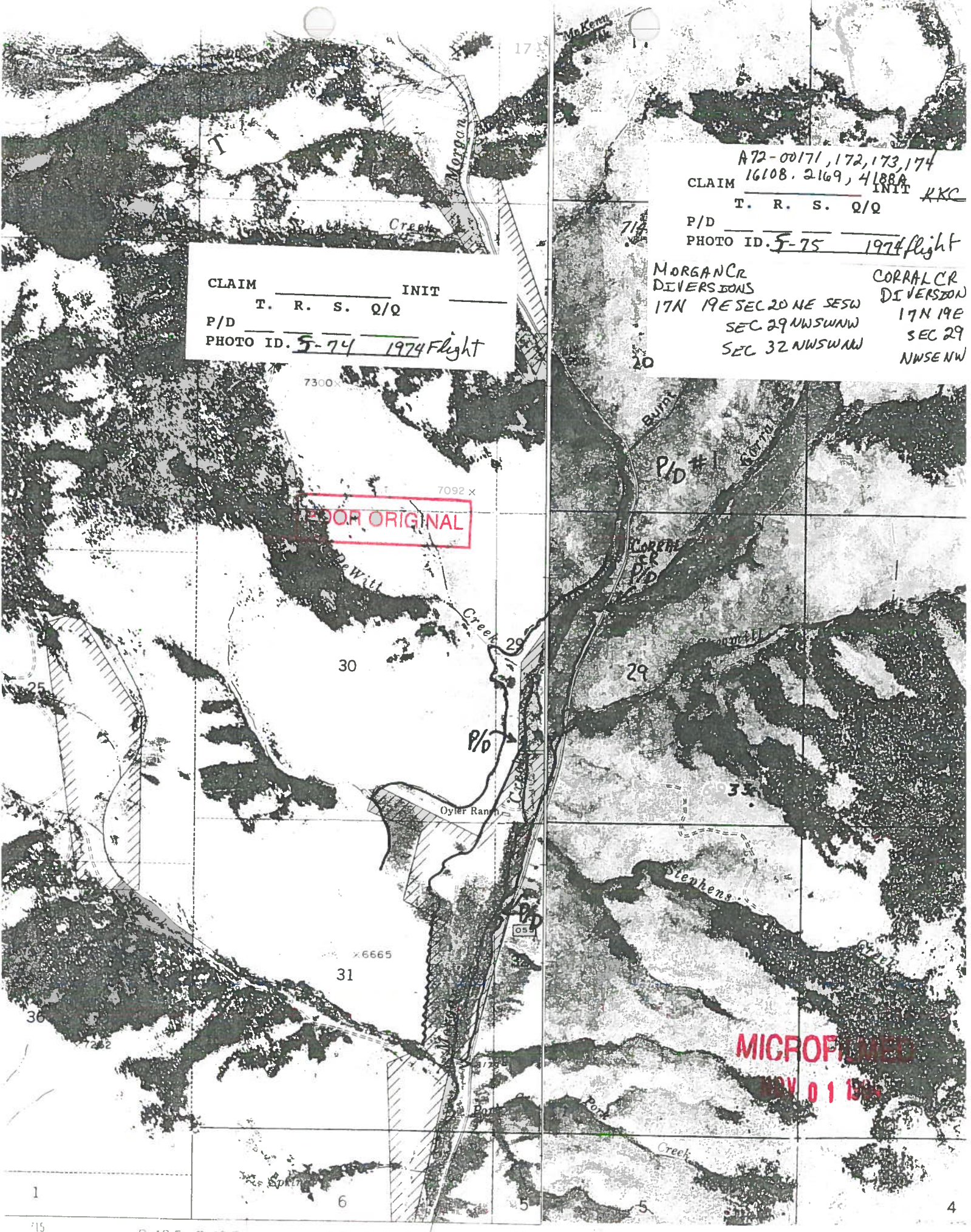
CLAIM _____ INIT _____
 T. R. S. Q/Q
 P/D _____
 PHOTO ID. 5-74 1974 Flight

A72-00171, 172, 173, 174
 CLAIM 16108, 2169, 4188A INIT RKC
 T. R. S. Q/Q
 P/D _____
 PHOTO ID. 5-75 1974 flight

MORGAN CR DIVERIONS	CORRAL CR DIVERION
17N 19E SEC 20 NE SESW	17N 19E
SEC 29 NWSWNW	SEC 29
SEC 32 NWSWAN	NWSENW

DOOR ORIGINAL

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FIELD EXAM ATTACHMENT

DATE: 12-23-93
BY: KKC

FILES: A72-00171, A72-00172,
A72-00173, A72-00174,
A72-16108, A72-10412A,
A72-10413A, A72-16107,
A72-04188A, A72-04189,
& A75-02169

SUBJECT: VERL JONES CLAIMS IDENTIFICATION BY AREA OF USE

Claims filed by Verl Jones represent two major independent operations on Morgan Creek and two minor uses, one from Corral Creek and another from an unnamed spring. Claim A75-02169 is a diversion from Otter Creek in basin 75 which is injected into Morgan Creek to be re-diverted on either major P/U depending on his current needs.

The northern system (aka HES-70) lays within T-17N, R-19E and consists of claims A72-00171, A72-00172, A72-00173, A72-00174, A72-16108, and A75-02169. The P/U for A72-04188A (source, Corral Cr.) joins this property along the northern and eastern border.

The southern system lays within T-15N, R-19E and consists of claims A72-10412A, A72-10413A, A72-16107, A72-04189, and A75-02169. The P/U for A72-04169 (source, Spring) joins this property along the southwestern border and also overlaps on the southern end of the P/U.

SUBJECT: COMBINED RIGHT/ SPLIT RIGHT ANALYSIS

The original claims A72-10412 and A72-10413 combined a total of 6 decreed rights covering three independent systems based upon similar priority dates. As the decreed P/U for rights 72-00173 and 72-00174 were tied to ground approximately 10 miles upstream of the other rights they were split from the base claims. 72-00173 and 72-00174 are included in the northern system analysis.

SPLIT CLAIM REVIEW				
<u>base claim</u>	acres	rate	claimed priority date	decreed priority date
A72-10412 --	200	1.70 cfs	07-01-1921	
<u>split claims</u>				
A72-10412A	38	1.20 cfs	07-01-1921	
A72-00173	162	0.50 cfs	07-01-1921	05-01-1920
split total	200	1.70		

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base claim

A72-10413 -- 200 1.00 cfs 09-14-1931

split claims

A72-10413A 38 0.30 cfs 09-14-1931

A72-00174 162 0.70 cfs 09-14-1931 09-14-1931

split total 200 1.00

COMBINED RIGHT WITHIN CLAIM, REVIEW

split claim

A72-10412A 38 1.20 cfs 07-01-1921

base decreed rights

72-00167 -- .80 cfs 05-01-1921

72-00169 -- .40 cfs 07-01-1921

total 1.20

split claim

A72-10413A 38 .30 cfs 09-14-1931

base decreed rights

72-00168 -- .20 cfs 09-14-1931

72-00170 -- .10 cfs 09-14-1931

total 0.30

CURRENT SYSTEM FOR A72-10412A, A72-10413A, A72-16107, &
A75-02169 THE SOUTHERN SYSTEM

The current system is three P/Ds delivering Morgan Creek water to a 33 acre P/U. The P/U is flood irrigated using a combination of wild flooding and contour ditch delivery. The P/U appears to be the same or nearly the same as the original decreed and/or transferred P/U although the legal descriptions do not exactly match. The ground irrigated under decreed rights 72-00169 and 72-00170 is no longer irrigated and the P/D is no longer used. These rights have been moved through an unrecorded transfer to the current P/U. Verl Jones did not remember when he abandoned the P/D in Sec 15 but he stated that it was more than five years ago. I am not recommending the use as decreed for ground in Sec 15 but rather recognizing the unrecorded transfer to ground in Sec 14 and 23 and recognizing that those rights are still valid as currently used.

CURRENT SYSTEM FOR A72-04189 (SPRING SOURCE)

The spring lays south of the Morgan Creek road and is collected into a ditch and then carried to the P/U through

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two separate culverts that go under the road. The northern culvert diverts water into a slew that roughly follows the road going southeast to eventually deliver water to the five overlapping acres. That culvert can be blocked to allow the water to flow southeast along the south side of the road to the second culvert where it then goes under the road to irrigate the one acre parcel that is isolated from the main body of the irrigated ground by the same slew described above. This acre can only be irrigated from the spring.

OVERLAPPING RIGHTS P/U ANALYSIS FOR THE SOUTHERN SYSTEM

A75-02169 (the Otter Creek diversion) utilizes the same delivery system and covers the same 33 acres as the above Morgan Creek source claims. This system also partially overlaps with a spring source claimed under A72-04189. A72-04189 is being recommended for the irrigation of 6 acres with five of those acres overlapping with this system. Between the two systems 34 total acres are irrigated within this same general area.

EXCESS FLOW ANALYSIS FOR THE SOUTHERN SYSTEM

Excess flow analysis indicates a need for greater than one inch per acre as claimed through A72-16107. This claim represents excess flows beneficially used since the original decree on the same decreed ground and therefore I accept this claim with a priority date one day after the decree date of 05-02-1935.

The analysis used the following assumptions; 'wild' flooding for irrigation, soil type for all acres - CP1, average run of 188', alfalfa and/or pasture as the basic crop and a ten day rotation. Both analysis' for pasture and alfalfa gave a 3.13 cfs requirement for the 33 acres (analysis forms attached).

DIVERSION RATE RECOMMENDATION ANALYSIS

Measured diversion rate	---	5.08 cfs total
Excess flow requirement	---	3.13 cfs total*
Total Decreed rate recognized	---	<u>1.50 cfs</u>
Balance not decreed	---	1.63 cfs (to be recommended in claim A72-16107)

*limiting factor.

CURRENT SYSTEM FOR A72-00171, A72-00172, A72-00173, A72-00174 A75-02169, AND A72-16108 THE NORTHERN SYSTEM

The system is three P/Ds and ditch systems delivering water to the P/U for flood irrigation of a 162 acre grass meadow that is normally harvested for grass hay. Otter Creek water

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under A75-02169 is also used on this P/U to supplement when necessary and if it is not being used with the southern system. The ground irrigated by Corral Creek which joins this property and is irrigated under A72-04188A does not overlap. They are separate systems.

EXCESS FLOW ANALYSIS

Excess flow analysis indicates a need for greater than one inch per acre as claimed through A72-16108. The excess flow analysis indicates a need greater than the system capacity therefore the system capacity is considered the limiting factor. This claim is recommended with a priority date of 5-3-35. Soils information was not available from the SCS at this time therefore the calculations were based upon soil type BC1 (see narrative dated 12-13-93; Basis for Soil Type Analysis). The entire P/U is grass pasture and basically flood irrigated with few cross ditches.

DIVERSION RATE RECOMMENDATION ANALYSIS

Measured diversion rate	---	9.27 cfs total*
Excess flow requirement	---	15.36 cfs
Total decreed rate recognized	---	<u>3.40 cfs</u>
Balance not decreed	---	5.87 cfs (to be recommended in claim A72-16108)

*limiting factor.

CURRENT SYSTEM FOR A72-04188A (CORRAL CREEK SOURCE)

This system shares the lower ditch with the decreed rights for Netta Jones but is for a separate P/U. The recommended P/U lays east of Morgan Creek and both north and south of the farmstead but ends prior to any ground irrigated from Morgan Creek. It is also a grass pasture and the same excess flow analysis applies to this system. Otter Creek water does not reach this property.

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FIELD EXAM ATTACHMENT

DATE: 12-13-93

PAGE: 1/1

AGENT: KKC

FILES: Claims when SCS soils

BASIS FOR SOIL TYPE ANALYSIS Info. not available as of this date

ATTACHMENT SUBJECT: AREA OF CONCERN:

17 N 18 E SEC. 25, 36

17 N 19 E SEC. 18, 19, 20, 21, 29 & 31

16 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 BCL. 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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CLAIM NO. --- A72-00171 TO 00174 & 16108 Lotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 12/17/93 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) (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	FIELD NOTES AND CALCULATIONS			
				FIELD 1	FIELD 2	FIELD 3	FIELD 4
alfalfa (hay or seed)	5	0.5	2.08	FIELD WIDTH	15682	0	
corn (field or silage)	4	0.5	1.90	IRRIGATION DAYS	10		
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) =	450		
				CALCULATED BORDER WIDTH (ditch length/irr days * cha			
				WIDTH =	523		
				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	oct
PASTURE	162	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	162		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: A72-00171-00174 16108
By: KKC

Location: BC1 SOIL FOR 162 ACRES
Date:

Roughness coefficient (n)= 0.250 Intake family (If)=3.00
Slope (S)= 0.0400 ft/ft Border width (W)= 523 ft
Net application (Fn)= 1.72 inches Border length (L)= 450 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
15.30	Gross depth is less than required gross application depth					
15.31	Gross depth is less than required gross application depth					
15.32	Gross depth is less than required gross application depth					
15.33	Gross depth is less than required gross application depth					
15.34	Gross depth is less than required gross application depth					
15.35	Gross depth is less than required gross application depth					
15.36	0.029	22.56	20.83	0.00	7.6	(2)
15.37	0.029	22.57	20.83	0.02	7.6	(2)
15.38	0.029	22.58	20.83	0.03	7.6	(2)
15.39	0.029	22.60	20.83	0.05	7.6	(2)
15.40	0.029	22.61	20.83	0.06	7.6	(2)

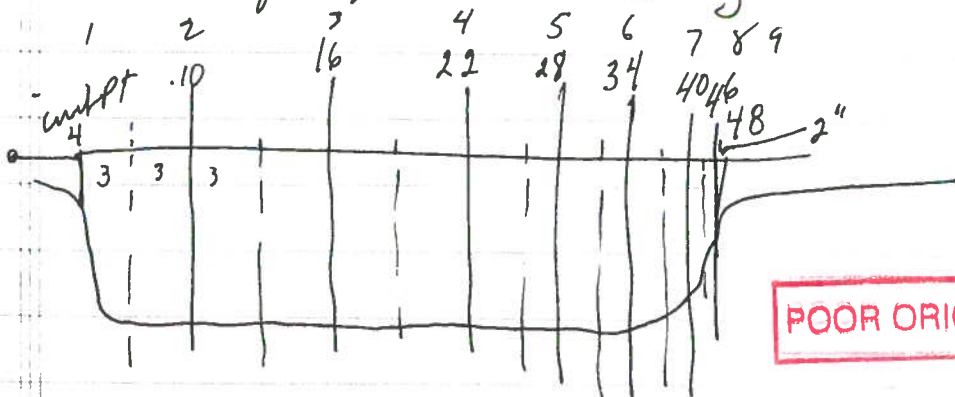
(2) Erosive stream-- non-sod forming crops.

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8-3-92

Roll 3

Pic #5 P/O for High line ditch. looking NE



POOR ORIGINAL

1	Unit Pt				measured upon 250 yds so of
	REV	SEC	DEPTH	P/O	ditch near capacity
2	250	26.94	4 1/2		based upon current cond. est 20% more to cap.
		24.65			water clear, Bottom.
3		19.19	4 1/2		smooth gravel & flat
		20.28			sides fairly straight
4		16.13	5 1/4		relatively clear of veg.
		15.16			no moss. measurement good
5		17.09	5 1/2		
		16.16			pic of measurement point
6		14.71	5		taken looking N toward
		14.34			P/O.
7		23.81	4 1/2		
		21.8			
8		53.53	4		
		50.62			
9					
			BANK		

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NAME OF STREAM OR DITCH MORGAN CREEK, LOCALLY CALLED THE UPPER DITCH WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 LOCATION ----- MEASURED 250 FT SOUTH OF POINT OF DIVERSION AGENT CONDUCTING MEASUREMENT & DATE -- KKC 8-03-93
 PURPOSE OF MEASUREMENT --- ADJUDICATION REVIEW ACCOMPANIED BY ----- NO ONE
 BASIS OF VELOCITY CALCULATIONS PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 IF YOU ARE USING A PYGMY METER ENTER ----- 1 POST MEASUREMENT SPIN TEST (MIN/SEC) -
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- 1
 FOLLOWING THE LAST ENTRY IN: "END"
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

INITIAL POINT	ANGLE OF COEFFICIENT	DISTANCE FROM INIT PT	DEPTH IN FEET	CALC DEPTH IN PTS	1ST MEASUREMENT REVS	VELOCITY DATA		CALC WIDTH	AREA IN SQ FT	CALCULATED VELOCITY			DISCHARGE IN CFS
						2ND MEASUREMENT REVS	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
		0.33	0.38	0.19	30		25.8	0.25	0.047	1.16		0.58	0.03
		1.33	0.38		30		19.7	0.50	0.188	1.52		1.16	0.22
		1.83	0.44		30		15.6	0.50	0.219	1.92		1.52	0.29
		2.33	0.46		30		16.6	0.50	0.229	1.80		1.92	0.42
		2.83	0.42		30		14.5	0.50	0.208	2.07		1.80	0.41
		3.33	0.38		30		22.8	0.50	0.188	1.32		2.07	0.43
		3.83	0.33		30		52.1	0.33	0.111	0.58		1.32	0.25
		4.00	0.33	0.17				0.08	0.014			0.58	0.06
END												0.29	0.00
													2.11

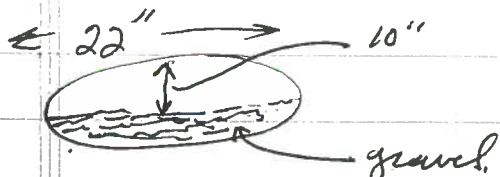
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 NOV 9 1 1994

72-58171
8-3-93

2/4

Big Ditch di. (shut down at this time)

1 pic taken looking ENE toward Sawmill Creek
Culvert headgate is oval corrugated iron



POOR ORIGINAL

#8 Pic looking SW from Morgan Cr. Road looking at
Highline Ditch, Area for main dit di. & North edge
of P/R. Also saw mill creek channel (tree line left to center)

opening after development.

2 Pics @ So end of R/w looking S/W to N,

1 pic @ end of roll just N of R/w. Sat looking N/W
showing in on both sides of Morgan Creek

Roll #4 #1 repeat of last pic

measured
Big Ditch
on
Main Ditch
on 9-22-93
KCC

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NOV 01 1994

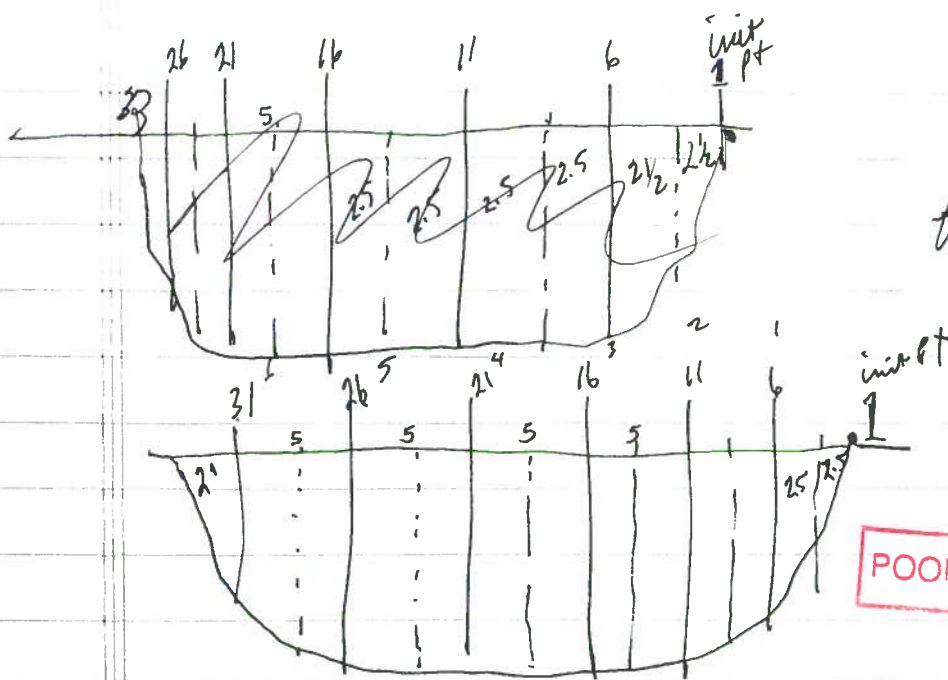
NAME OF STREAM OR DITCH MORGAN CR, TO P/U EAST OF CREEK
 LOCATION ----- ADJUDICATION REVIEW
 PURPOSE OF MEASUREMENT -- ADJUDICATION REVIEW
 BASIS OF VELOCITY CALCULATIONS
 IF YOU ARE USING A PYGMY METER ENTER ----- 1
 IF YOU ARE USING A AA METER ENTER ----- 2
 ENTRY ----- 1
 FOLLOWING THE LAST ENTRY IN:
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 AGENT CONDUCTING MEASUREMENT & DATE -- KKC 8-03-93
 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 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	
		0.08		0.25									
		0.50	0.50		30	26.2		0.21	0.052			0.57	0.03
		0.92	0.60		30	20.8		0.42	0.208	1.15		1.15	0.24
		1.33	0.67		30	18.5		0.42	0.252	1.44		1.44	0.36
		1.75	0.71		30	19.6		0.42	0.278	1.62		1.62	0.45
		2.17	0.71		30	23.8		0.42	0.295	1.53		1.53	0.45
		2.58	0.67		30	28.4		0.42	0.295	1.26		1.26	0.37
		3.00		0.33	30			0.42	0.278	1.06		1.06	0.29
END								0.21	0.069			0.53	0.04
													2.24

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 NOV 01 1984

3/4 5-3-93



eastern most ditch of 2
from same P/D

Stat	depth	Rev	Sec	water clear bottom smooth gravel
1	6"	30	25.94	sides vertical minimal veg.
			26.43	location approx 40' from P/D
2	7 1/4"		20.88	approx 40 to 50% of capacity. rev.
			20.66	diversion gate partially closed
3	8		18.54	Reel 4 pic taken looking NNE
			18.46	
4	8 1/2		19.78	
			19.5	
5	8 1/2		24.06	
			23.53	
6	8		27.90	
			28.84	

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1994 @ 1 1994

NAME OF STREAM OR DITCH ----- MORGAN CR. TO P/U EAST OF CREEK
 LOCATION ----- WESTERN DITCH OF 2 FROM SAME P/D
 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

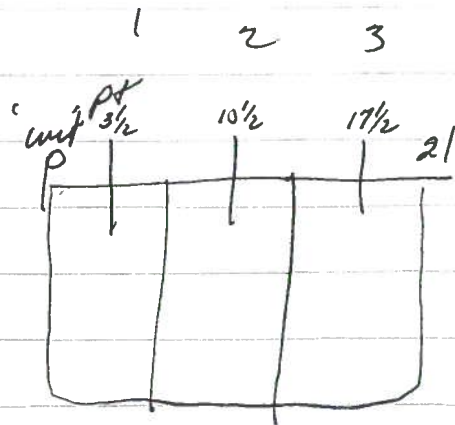
WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 AGENT CONDUCTING MEASUREMENT & DATE -- KKC 8-03-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

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 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	
		0.00	0.00	0.00	0	0.0		-0.15	0.000			0.00	0.00
		-0.29	0.67		30	56.7		0.58	0.389	0.53		0.53	0.21
		0.29	0.67		30	34.7		0.58	0.389	0.86		0.86	0.34
		0.88	0.67		30	27.5		0.44	0.310	1.09		1.09	0.34
		1.46	0.71					0.15	0.052			0.55	0.03
		1.75		0.35									
END													0.91

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 NOV 01 1994

4/4
8-3-93



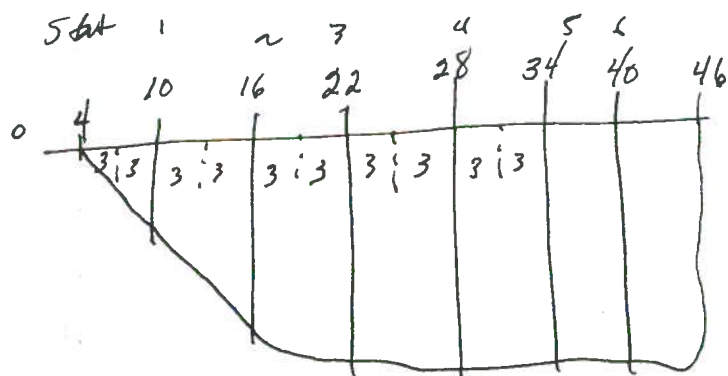
2nd ditch closest to
Morgan Creek flowing
near capacity.

POOR ORIGINAL

stat	depth	Rev	Sec	Water clear Bottom flat & sandy
1	8	30	56.40	side vertical veg. charred on
			57.03	measured apart 15' from P/O
2	8		34.10	measurement good
			35.35	
3	8 1/2		27.29	
			27.72	1 pie taken looking S
				showing div point & head-
				gate structure for both ditches

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9-22-73



Verl Jones
Main Ditch
(N. of Van Horn Cr.)
measurement approx 50' within P/U.

POOR ORIGINAL

Stat	Depth	Rev	Sec
1	4 1/2	20	126.16
2	8	60	103.22 101.84
3	10 1/2	60	44.16 46.06
4	11	60	38.75 39.66
5	10 1/2	60	43.00 41.59
6	10 1/2	60	49.03 50.19

Water clay, bottom sandy gravel no rocks. Good straight stretch of ditch. ditch near capacity. no significant vegetation or moss in ditch. West side stepped up right side near vertical

Per Verl Jones ditch due to be channel as mess late in season. est 25% greater capacity when cleaned.

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11 1 1974

NAME OF STREAM OR DITCH MORGAN CREEK, LOCALLY CALLED THE MAIN DITCH
 LOCATION ----- MEASURED 50 FT INTO PLACE OF USE
 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: 2
 "DISTANCE FROM INIT PT" ENTRY MUST = "END"

WATER RIGHT NUMBER IF APPLICABLE ----- A72-00171, & 00172.
 AGENT CONDUCTING MEASUREMENT & DATE --- KKC 9-22-93
 ACCOMPANIED BY ----- NO ONE
 PREMEASUREMENT SPIN TEST (MIN/SEC) ---
 POST MEASUREMENT SPIN TEST (MIN/SEC) -

INITIAL POINT	ANGLE OF 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 REVS	TIME/SEC			1ST POINT VELOCITY	2ND POINT VELOCITY	MEAN VELOCITY	
	0.33	0.38	0.19	20	86.2		0.25	0.047	0.23		0.12	0.01
	1.33	0.67		60	62.5		0.50	0.188	0.96		0.23	0.04
	1.83	0.88		60	45.1		0.50	0.333	1.33		0.96	0.32
	2.33	0.92		60	39.2		0.50	0.437	1.53		1.33	0.58
	2.83	0.88		60	42.3		0.50	0.458	1.42		1.53	0.70
	3.33	0.88		60	49.6		0.50	0.438	1.21		1.42	0.62
	3.83		0.44				0.50	0.438			1.21	0.53
END							0.25	0.109			0.60	0.07
												2.87

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MORGAN CR
DIVERSTIONS
17N 19E SEC 20 NE SESW
SEC 29 NWSWNW
SEC 32 NWSWNW

CORRAL CR
DIVERSTION
17N 19E
SEC 29
NWSWNW