

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 47-4029C
Date Received: 9/28/2006
Receipt No:
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name of Claimant(s)

W CLINTON STENNETT Phone: (208)726-8106
PO BOX 475
KETCHUM ID USA 83340

2. Date of Priority: 12/03/1939

3. Source: UNNAMED STREAM Trib. to: J2 COULEE

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
09S	14E	24	SE SE SW	TWIN FALLS	

5. Description of diverting works:

headgate, pipeline, ditches

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	04/01	10/31	1.34	
STOCKWATER	01/01	12/31	0.025	

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

8. Total consumptive use:

9. Non-irrigation uses:

10. Place of use:

Township	Range	Section	1/4 of 1/4 Lot	Use	Acres
09S	14E	23	NE SE	IRRIGATION	3
			NW SW	IRRIGATION	23
			SW NW	IRRIGATION	11
			SW NW	STOCKWATER	
				Section Acres	37
				Total Acres	37

11. Place of use in counties: TWIN FALLS

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

13. Other Water Rights Used:

14. Remarks:

This claim was split form 47-4029 based upon an approximate 1/3 2/3 split ratio. The split is based upon two different delivery systems and ground divided by the coulee. The claimed listed place of use is not correct as entered on the original claim but the map attached to that claim shows the actual irrigated ground.

15. Basis of Claim: Statutory Claim

SCANNED

FEB 1 2002

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: A47-04029
Date Received: 12/21/1988
Receipt No: S005125
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: W. CLINTON STENNETT 208-726-8106
Address: P.O. BOX 1568
SUN VALLEY ID 83353

2. Date of Priority: DEC 3, 1939

3. Source: UNNAMED STREAM Trib. to: J-2 COULEE

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
09S	14E	24	SE	SW	SW		TWIN FALLS

5. Description of diverting works:
HEADGATE, PIPELINE, DITCHES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/01	10/31	2.000		
STOCKWATER	01/01	12/31	0.050		

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

8. Total consumptive use is 165.0 Acre Feet Per Annum.

9. Non-irrigation uses:
600 HEAD SHEEP AND GOATS, 50 HEAD OF HOGS

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
09S	14E	23	SW	NW		IRR	17.0
			SW	NW		STOCK	
			NW	SW		IRR	34.0

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	51.0
		24	NE	SE	IRR	4.0
					Section Acres	4.0
					Total Acres	55.0

11. Place of use in counties: TWIN FALLS

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

13. Other Water Rights Used:
NONE

14. Remarks:

OWNERSHIP: LEASE OPTION TO BUY FROM J. QUESNELL, OWNER.
DWR NOTE*****SEVERAL VARIATIONS EXIST BETWEEN THIS FILING
AND THE PREVIOUSLY FILED STATUTORY CLAIM: TRIBUTARY IS LISTED AS
MUD CREEK. NO STOCKWATER USE LISTED ON ORIGINAL. P/U IS LISTED
IN 47-4029 AS 09S. 14E. SEC. 23, SENE 40 AC., NESE 40 AC.
SEC. 24, SWNW 20 AC. MAP DOES NOT AGREE WITH EITHER DESCRIPTION.
DOCKET SHEET WAS REQUESTED ON THE SUBMITTED CLAIM AND WAS NOT
ADDED TO THE RECEIPT. (SCC 2/8/89)

OWNERSHIP CHANGE 11/1/91 BY JG.

15. Basis of Claim: STATUTORY CLAIM

16. Signature(s)

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

Number of attachments: _____

Questions concerning Fern W Nippw: Affidavit
I see the potential of the claimed P/U as
being developed at three different times.

Unit 1, the 11 acres north of the unnamed
stream & west of the farmstead.

Unit 2, the 9 acre 'Russian Olive' field
which is served by the 3rd P/D found during
the 4-27-93 field exam. P/D at juncture of J-2 & Stream.

Unit 3, the balance of the P/U on the
south side of the unnamed stream irrigated
from the southern most P/D.

Side issues, the brick home built in 1963,
was that the current Lawrence home? Also, the
irrigation ground that property was in existence
since — .

There is a statement that at some later
date additional acreage to the south
of ?? was purchased. The only ground that
is south of the current place of use is the Buhl
dump & the hillside running from the dump to the
ditches of Denardis & Stennett.

KKC
4-30-93

Questions concerning Rev Francis C. Denardis Affidavit

The dates given refer to decades rather than a date. His affidavit states that he worked on or around the delivery systems for both pieces of property in the 1940's (during his high school years). I do not know when he attended high school or what years within his high school years he did the work.

KKC
4-30-93

IN THE MATTER OF:

State of Idaho

County of Twin Falls

RECEIVED AFFIDAVIT

APR 28 1993

Department of Water Resources
Southern Region Office

Rev. Francis E. DeNardis

being first duly sworn,

deposes and says:

That the pasture land East
of the DeNardis Ranch has been
irrigated as far back into the 1930s
and 1940s as he can remember.
As a High School student in the
40s. Our main irrigation ditch
was parallel to the ditch which
watered the upper pasture. He
remembered burning and cleaning
our main ditch and seeing the
ditch used by the upper family
to bring water onto their pasture.
At that time we also took special
care of a flume that passed over
the upper ditch bringing water to
their pasture land.

Rev. Francis E. DeNardis

(signature)

Subscribed and sworn to before me this 27th day of April 19 93.

J. Vincent Hamilton
(notary public)

Residing at Buhl, Idaho

My commission expires 3-10-99

County of _____

Department of Water Resources
Southern Region OfficeFern W Nipper

being first duly sworn, deposes and says:

I married Jess F Nipper May 18 1934 and we lived in Melon Valley in the Rock House and farmed until we sold it in Nov 1963.

We had about fifteen milk or dairy cows and a number of angus or beef cattle. We raised good crops - a diversified situation - also later we had about three acres of apricot peach orchard.

Each spring we cleaned ditches & rebuilt the flumes and check gates we used to bring irrigation water to the fields from springs and waste water. By changing the irrigation water each morning and evening we were able to keep the crops growing well. There were ten shares of Twin Falls Canal Company water with the land in Sec 23, too.

After our mortgage was paid off we had pipes installed in place of the flumes and a section of the ditch where muskrats were cutting the banks. Those pipelines still are in use.

Later we bought other land that adjoined that land to the south.

In 1963 we sold it as a unit except for 10.11 acres where we built a brick house.

Fern W Nipper

(signature)

On this 28th day of April, in the year of 1993

personally appeared Fern W Nipper
known or identified to me to be the person whose name
is subscribed to the within instrument and acknowledged
to me that he executed the same.

Michael C. Belling (notary public)Residing at Buhl, Id.My commission expires 3-11-96

Original claim in
A 47-04029. IDWR

Generated split no new
claims filed for the splits

A 47-04029

A 47-04029B

A 47-04029C

04-12-93

LH's TCW
notes

Only Home Mandates -
Carol Stennett — 543-4419 -

Clint Stennett call. Re-illegal Treasurer
- Stennett has $\frac{8}{2}$ of water ~~unit~~
Stennett Priority - 1 [47-4029]

Holbert Lawrence • A47-10160 G.W. Don.
A 47-04436 own str
R "

~~Stennett~~

Location : Pelon valley Rd

Lawrence line, in Est Block house

Stennett - Rock house above
Cruet •

A47-04029

2 CFS - 35 Acres

A47-04436

• 2 CFS - 10 Acres

AJ558
AD 140C

Clint Stennett - 8/9

Fairview-

make up file jobs for each

12/19/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 47-4029C

NAME AND ADDRESS: W CLINTON STENNETT
PO BOX 475
KETCHUM ID 83340

VERIFIED BY *KKC*

SOURCE: UNNAMED STREAM

TRIBUTARY: MUD CREEK

QUANTITY: 0.580 CFS

This right when combined with all other rights shall provide no more than 0.02 cfs per acre for irrigation of the lands above.

PRIORITY DATE: 12/03/1939

POINT OF DIVERSION:

T09S R14E S23 NENESE Within TWIN FALLS County

T09S R14E S24 SENWSW Within TWIN FALLS County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	03/15 11/15	0.580 CFS
STOCKWATER	01/01 12/31	0.030 CFS

PLACE OF USE: IRRIGATION in TWIN FALLS County

T09S R14E S23	SENE	9.60	T09S R14E S23	NESE	19.00
T09S R14E S24	NWSW	0.20			

STOCKWATER in TWIN FALLS County

T09S R14E S23	SENE	T09S R14E S23	NESE
T09S R14E S24	NWSW		

28.8 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

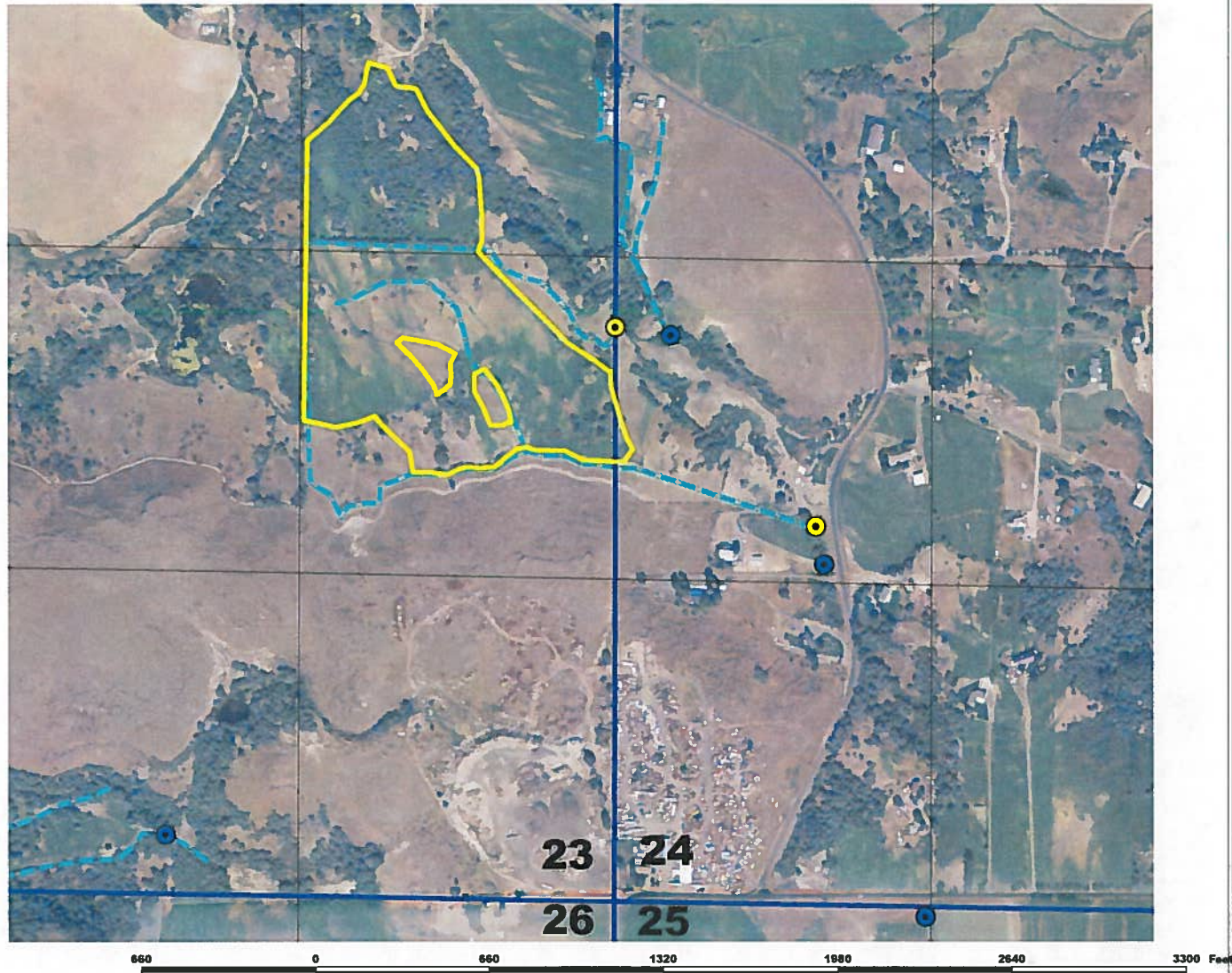
This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

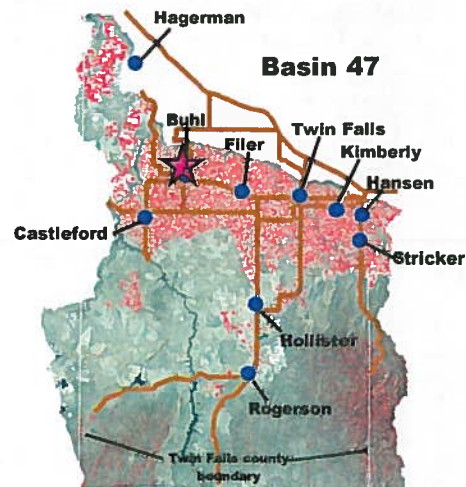
USE OF THIS RIGHT IS COMBINED WITH WATER FROM TWIN FALLS CANAL CO.

This right is a split from former right 47-4029

RECOMMENDED PLACE OF USE FOR 47-4029C



PLACE OF USE
TWP 9S, RNG 14E, SEC 23 & 24
Data entry on December 19, 2006



● RECOMMENDED POINT OF DIVERSION

RECOMMENDED PLACE OF USE

TOWNSHIP LINES

SECTION LINES

QUARTER/QUARTER LINES



LOCATION IN BASIN

GIS PLACE OF USE PRESENTATION
2004 AERIAL PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN

09/28/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 47-4029C

NAME AND ADDRESS: W CLINTON STENNETT
PO BOX 475
KETCHUM ID 83340

VERIFIED BY: *KAC*

SOURCE: UNNAMED STREAM

TRIBUTARY: MUD CREEK

QUANTITY: 0.580 CFS

This right when combined with all other rights shall provide no more than 0.02 cfs per acre for irrigation of the lands above.

PRIORITY DATE: 12/03/1939

POINT OF DIVERSION:

T09S R14E S23 NENESE Within TWIN FALLS County

T09S R14E S24 SENWSW Within TWIN FALLS County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	03/15 11/15	0.580 CFS
STOCKWATER	01/01 12/31	0.030 CFS

PLACE OF USE:

IRRIGATION Within TWIN FALLS County

T09S R14E S23	SENE	9.60	T09S R14E S23	NESE	19.00
T09S R14E S24	NWSW	0.20			

STOCKWATER Within TWIN FALLS County

T09S R14E S23	SENE	T09S R14E S23	NESE
T09S R14E S24	NWSW		

19.8
29.8 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

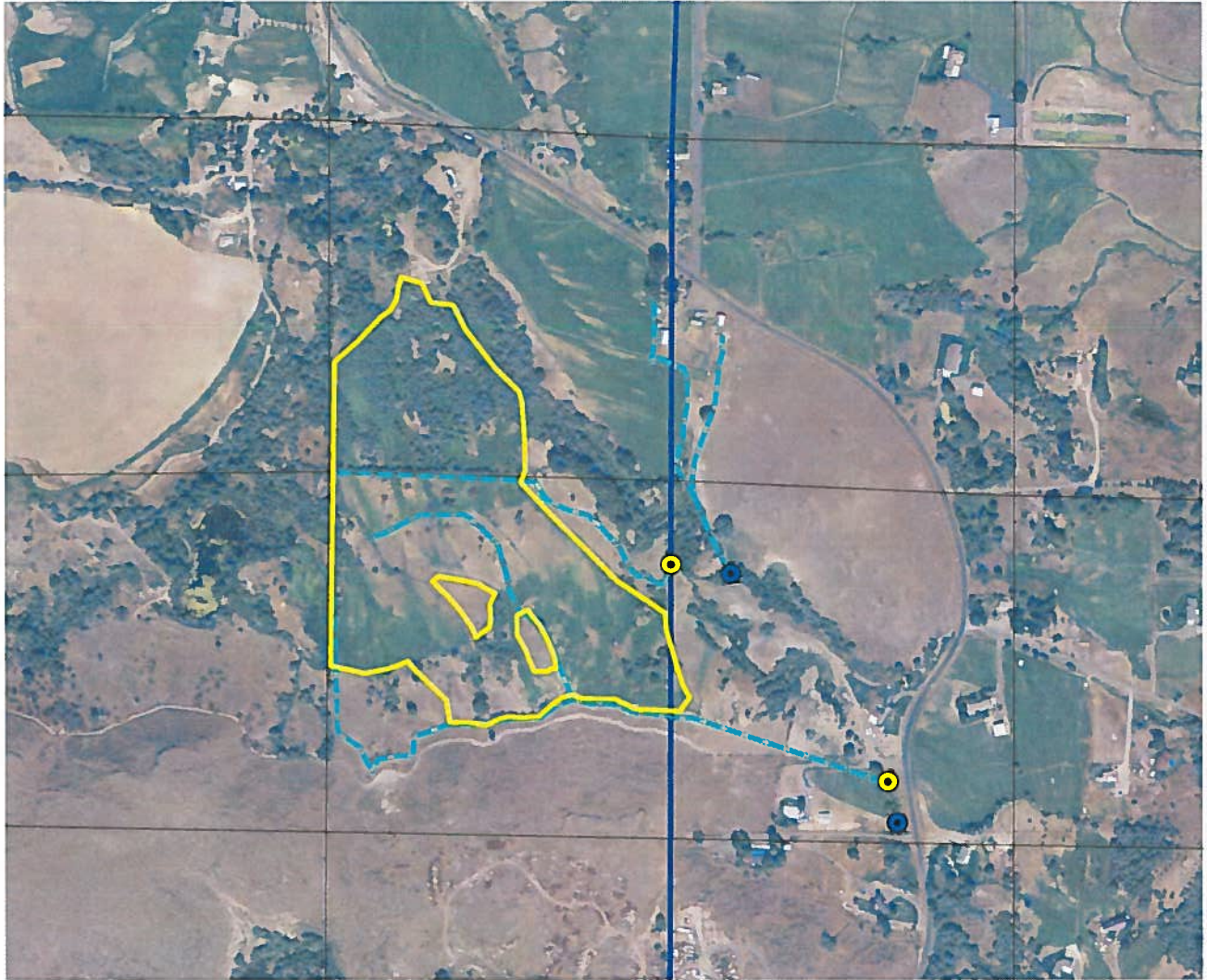
USE OF THIS RIGHT IS COMBINED WITH WATER FROM TWIN FALLS CANAL CO.

This right is a split from former right 47-4029

47-2115, Determined to NOT be appurtenant to the 9.6 ac 12-18-06

Recom through a portion of 47-2115

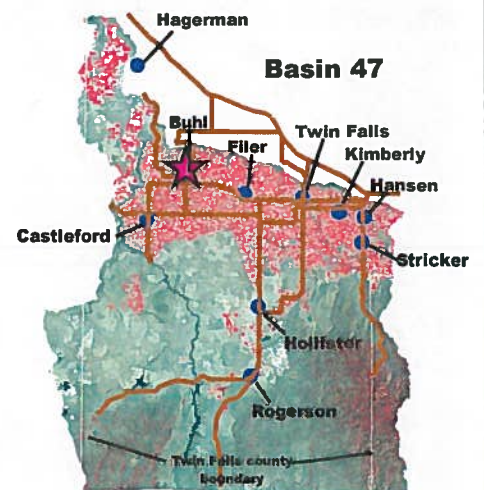
RECOMMENDED PLACE OF USE FOR 47-4029C



660 0 660 1320 1980 2640 Feet

PLACE OF USE
TWP 9S, RNG 14E, SEC 23 & 24
Data entry on September 28, 2006

- | | | | |
|--|--------------------------------|--|-------------------|
| | RECOMMENDED POINT OF DIVERSION | | LOCATION IN BASIN |
| | RECOMMENDED PLACE OF USE | | |
| | TOWNSHIP LINES | | |
| | SECTION LINES | | |
| | QUARTER/QUARTER LINES | | |
- GIS PLACE OF USE PRESENTATION
2004 AERIAL PHOTOGRAPHY
DATA ENTRY BY KELLY K CHRISTENSEN



Water Right Number - R47-04029C

Prefix Translation: RESEARCH

Old (D) Number -

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

*** C - CURRENT OWNER ***
STENNETT

W. CLINTON

1 - PO BOX 1568

2 -

3 -

City- SUN VALLEY

State- ID Zip- 83353

Phone - 208-726-8106

*** O - ORIGINAL OWNER ***
QUESNELL

JOSEPH

1 - RT. 3 BOX 205-A

2 -

3 -

City- BUHL

State- ID Zip- 83316

Phone - 208-543-5042

ALANIA

MARY T.

1 - RT. 3 BOX 205-A

2 -

3 -

City- BUHL

State- ID Zip- 83316

Phone - 208-543-5042

ALANIA

SATURNINO

1 - RT. 3 BOX 205-A

2 -

3 -

City- BUHL

State- ID Zip- 83316

Phone - 208-543-5042

+ - - Priority Date - - +
12/03/1939+ - - Region - - - +
17 SOUTHERN+ - - Stage - - - +
J - BENEFICIAL USE

+ - - Status - - - +

+ - - - - Source - - - - +
UNNAMED STREAM+ - - - - Tributary - - - - +
MUD CREEK+ - - - - Point of Diversion - - - - - +
TwN Rng Sec Tract Lot RFlg County09S 14E 23 NE NE SE (83) TWIN FALLS
24 SE NW SW (83) TWIN FALLS+ - - - - Water Use - - - - - +
Code Description Period From Period To Diversion Rate Diversion Volume

01 - IRRIGATION

04/01

10/31

0.610

04 - STOCKWATER

01/01

12/31

0.030

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

09S 14E 23 SE NE

9.0

01

IRRIGATION

(83) TWIN FALLS

09S 14E 23 NE SE

16.5

01

IRRIGATION

(83) TWIN FALLS

09S 14E 23 SE NE

04

STOCKWATER

(83) TWIN FALLS

*not verified, as of
5-5-93 KRC**System not measured
as of 5-5-93 KRC*

Water right number - R47-04029C

Prefix Translation: RESEARCH

Tw	Rng	Sec	Tract	Lot	Acres	Code	Description	County
09S	14E	23	NE SE			04	STOCKWATER	(83) TWIN FALLS

Total Acres: 25.5

+ - - Diversion Means - TWO DIVERSION POINTS, ONE BURIED CULVERT THE OTHER A DIRT DITCH

+ - - Non-Irrigation Use - STOCKWATER, 50 HEAD RANGE CATTLE, 2 TO 3 HORSES

+ - - Other Rights for Same Use - TWIN FALLS CANAL SHARES

+ - - - - - Remarks - - - - -
No Remarks found.

+ - - - - - Old Water Right Numbers - - - - -
4704029

+ - - - - - Conditions of Approval - - - - -
S20 - USE OF THIS RIGHT IS COMBINED WITH WATER FROM
- TWIN FALLS CANAL CO.

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

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

Date: 04/29/1993 User Id: CHRISTEN Subject: COPIED FROM REMARKS

OWNERSHIP: LEASE OPTION TO BUY FROM J. QUESNELL, OWNER.

AND THE PREVIOUSLY FILED STATUTORY CLAIM: TRIBUTARY IS LISTED AS MUD CREEK. NO STOCKWATER USE LISTED ON ORIGINAL. P/U IS LISTED IN 47-4029 AS 09S. 14E. SEC. 23, SENE 40 AC., NESE 40 AC.

DOCKET SHEET WAS REQUESTED ON THE SUBMITTED CLAIM AND WAS NOT

DWR NOTE*****SEVERAL VARIATIONS EXIST BETWEEN THIS FILING
SEC. 24, SWNW 20 AC. MAP DOES NOT AGREE WITH EITHER DESCRIPTION.
ADDED TO THE RECEIPT.(SCC 2/8/89)
OWNERSHIP CHANGE 11/1/91 BY JG.

+ - - Audit Fields - - +
05/06/93 CHRISTEN

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

Court Report Filing	- 00/00/0000	Field Inspection Made	- 04/12/1993	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	- 12/21/1988	Last Amended Date	- 00/00/0000	Temporary Right	- P
		Receipt Number	- X777777	Water District	-
		POU Ownership Flag	- Y	Federal/State Indicator	- S
		Name Connector	- AND/OR	Presumption Flag	-
				Notice of Error Flag	-

FIELD EXAM NOTES

EXAM DATES: 4-12-93 & 4-14-93
EXAMINER: KELLY K CHRISTENSEN
ACCOMPANIED BY: FRANK HITCHCOCK
MR LAWRENCE ON 4-12-93
MS STENNETT ON 4-14-93

Photography available for analysis;

1. Orthophotographic quad map flight date = 8-04-74
IDWR Map # BB-20 scale 1"= 2640'
2. Original ASCS photo submitted with the original
Statutory claim filing. Filing date = 6-24-83
Date of photo unknown.
3. ASCS aerial photo flight date = 1987
ID = NAPP 16083 37R HI-417 H10 scale 1"= 660'
4. NAPP photography flight date = 8-01-88
ID = 439-78 scale 1.5"= 1 mile
5. ASCS colored slides used for crop verification
Slides viewed; E8-24 flight date = 1987
H10-24 flight date = 1992
(copy made) H12-24 flight date = 1980

SYSTEM DESCRIPTION FOR A47-04029

The property owned by Ms Stennett is irrigated through two different systems. I recommend that the right be split into parts B and C. Part B being the acres north of the unnamed stream and west of the farmstead, and part C being the pasture south of the unnamed stream.

PART C ANALYSIS (ACRES SOUTH OF THE UNNAMED STREAM)

The SCS soil identification indicates bedrock at 19 inches. I observed bedrock outcroppings near the center of the field and in the ditch bottom from the point where the main ditch turns north (at the southwest corner of the P/U) and parallels the west boundary until it leaves the P/U and eventually enters the pond belonging to Denardis. The visible rock showed no signs of penetration by the water. This forms a portion of the basis of analysis.

The P/U can generally be separated into three segments based upon the method of irrigation. The southeast and south central portions of the P/U are irrigated through 'wild flooding'. The southwest portion is irrigated via corrugations and the remainder of the P/U is irrigated with the tail water from the wild flooding, also using corrugations for the majority of the acres. A small portion is also irrigated with the tail water from the corrugation irrigated acres but it is not considered in the analysis.

ACREAGE SUMMARY

Wild flood acres	=	9.0
Corrugate irr.	=	4.5
Tailwater irr.	=	<u>12.0</u>
Total	=	<u>25.5</u>

Theoretical rotation indicates a minimum of 6.4 days rotation and Ms Stennett indicated that her rotation practice is between seven and ten days. For analysis purposes I have used eight days total rotation with no dry days between ending irrigation and beginning again.

Standard analysis using the IRR-PRAC.WK3 Lotus program (Attachment # 2, soil characteristics portion) and the BORDER Basic program (Attachment # 1 PG 1/8) indicated 0.90 cfs as a recommended diversion rate with 14.71 inches of deep percolation. As the bedrock stops the deep percolation, this water is available for irrigation of additional acres as tail water. The standard analysis was repeated varying total acres irrigated (therefore the border length) up to 2 acres (attachment # 1 PGs 1 thru 8). The deep percolation remained the same (14.71) and the efficiency also remained fairly consistent at 9.4% to 9.5%.

The 8.7 acres irrigated by the tail water is irrigated through two foot corrugates and the analysis, based upon given data resulted a field requirement of 0.028 cfs/acre at an efficiency of 37% (attachments #2 & #3). This ground is also subject to the bed rock but the effects of the bed rock were excluded from the analysis as any run-off would return to the unnamed stream. The end result is that the recommendation for this portion of the P/U is conservative.

The southwest 4.5 acres are corrugated and analyzed as such (Attachments #5 & #6). A portion of the tail water from this ground would reach the 8.7 'Russian Olive' field and ground south of that field considered irrigated with tail water, but that tail water is not considered in the analysis.

An iterative process was then used to balance the available tail water against the wild flood irrigated acres and the tail water irrigated acres. The approach was to reduce the effectively flooded acres while increasing acres irrigated with tail water. The analysis focuses on the volume of water generated by the deep percolation verses the required volume needed for the tail watered acres and the factor acres (see the lotus worksheet, Attachment # 4 PGs 1 thru 3).

ANALYSIS SUMMARY

The 8.7 acre field
Recommended diversion rate = 0.028 cfs/acre
Efficiency = 37%
Acres irrigated via wild flooding
9 acres irrigated with no adjustment,
Recommended diversion rate = 0.10 cfs/acre
Efficiency = 9.5%
5 acres irrigated flood with 4 acres tail water
5 acres flood
Recommended diversion rate = 0.10 cfs/acre
Efficiency = 9.5%
4 acres tail water
Percentage of generated volume used = 37%
4.5 acres corrugate irrigated (sw portion of field)
Recommended diversion rate = 0.024 cfs/acre
Efficiency = 43%

When analyzing the 5 wild flood acres plus the 4 acre tail water acres and the 12 tail water acres in aggregate;

5 acres @ 0.10 cfs/acre = 0.50 cfs
 $\frac{0.50 \text{ cfs}}{21 \text{ acres}} = 0.0238 \text{ cfs/acre}$

ENTIRE 25.5 ACRE RECOMMENDATION

25.5 acres @ 0.024 cfs/acre = 0.61 cfs
(this is subject to diversion capacity which has not been measured at this time.)

ANALYSIS FOR A47-04029B

All 11 acres are flood irrigated with corrugates spaced at two feet. Analysis using the IRR-PRAC.WK3 Lotus program and the FURROW Basic program (Attachments #7 & #8) indicated an optimum diversion rate of 0.015 cfs/acre. Therefore, the recommendation for this P/U, subject to system capacity, is for an inch to the acre. Found; 11 acres * .02 cfs/acre = .22 cfs

CLAIM VS RECOMMENDATION REVIEW

Claimed

Irrigation of 55 acres @ 2.00 cfs
Stockwater @ 0.05 cfs

Recommended A47-04029B

Irrigation of 11 acres @ 0.22 cfs
Stockwater

Recommended A47-04029C

Irrigation of 25.5 acres @ 0.61 cfs
Stockwater

	Recommended	Claimed
Totals	36.5 acres @ 0.83 cfs	55 acres @ 2.00 cfs

GRADED BORDER EVALUATION

Pg 1/8

Job name: A47-04029
By: KKC

Location: 9 ACRES FLOODED
Date: Apr 27, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0800 ft/ft Border width (W)= 76 ft
Net application (Fn)= 1.57 inches Border length (L)= 247 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
0.80	Gross depth is less than required gross application depth					
0.82	Gross depth is less than required gross application depth					
0.84	Gross depth is less than required gross application depth					
0.86	Gross depth is less than required gross application depth					
0.88	Gross depth is less than required gross application depth					
0.90	0.012	16.57	14.71	0.29	9.5	(4)
0.92	0.012	16.94	14.71	0.65	9.3	(4)
0.94	0.012	17.31	14.71	1.02	9.1	(4)
0.96	0.013	17.67	14.71	1.39	8.9	(2) (4)

- (2) Erosive stream-- non-sod forming crops.
(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029
By: KKC

Location: 8 ACRES FLOODED
Date: Apr 27, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0800 ft/ft Border width (W)= 76 ft
Net application (Fn)= 1.57 inches Border length (L)= 220 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
0.70	Gross depth is less than required	gross application depth				
0.72	Gross depth is less than required	gross application depth				
0.74	Gross depth is less than required	gross application depth				
0.76	Gross depth is less than required	gross application depth				
0.78	Gross depth is less than required	gross application depth				
0.80	0.011	16.54	14.71	0.25	9.5	(4)
0.82	0.011	16.95	14.71	0.67	9.3	(4)
0.84	0.011	17.36	14.71	1.08	9.0	(4)
0.86	0.011	17.78	14.71	1.49	8.8	(4)
0.88	0.012	18.19	14.71	1.91	8.6	(4)

(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029
By: KKC

Location: 7 ACRES FLOODED
Date: Apr 28, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0800 ft/ft Border width (W)= 76 ft
Net application (Fn)= 1.57 inches Border length (L)= 192 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
0.60	Gross depth is less than required gross application depth					
0.62	Gross depth is less than required gross application depth					
0.64	Gross depth is less than required gross application depth					
0.66	Gross depth is less than required gross application depth					
0.68	Gross depth is less than required gross application depth					
0.70	0.009	16.58	14.71	0.30	9.5	(4)
0.72	0.009	17.05	14.71	0.77	9.2	(4)
0.74	0.010	17.53	14.71	1.24	9.0	(4)
0.76	0.010	18.00	14.71	1.72	8.7	(4)
0.78	0.010	18.47	14.71	2.19	8.5	(4)

(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029

Location: 6 ACRES FLOODED

By: KKC

Date: Apr 27, 1993

Roughness coefficient (n)= 0.250

Intake family (If)=2.00

Slope (S)= 0.0800 ft/ft

Border width (W)= 76 ft

Net application (Fn)= 1.57 inches

Border length (L)= 165 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
0.50	Gross depth is less than required gross application depth					
0.52	Gross depth is less than required gross application depth					
0.54	Gross depth is less than required gross application depth					
0.56	Gross depth is less than required gross application depth					
0.58	Gross depth is less than required gross application depth					
0.60	0.008	16.54	14.71	0.25	9.5	(4)
0.62	0.008	17.09	14.71	0.80	9.2	(4)

(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029

Location: 5 ACRES FLOODED

By: KKC

Date: Apr 27, 1993

Roughness coefficient (n)= 0.250

Intake family (If)=2.00

Slope (S)= 0.0800 ft/ft

Border width (W)= 76 ft

Net application (Fn)= 1.57 inches

Border length (L)= 137 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
0.44	Gross depth is less than required gross application depth					
0.46	Gross depth is less than required gross application depth					
0.48	Gross depth is less than required gross application depth					
0.50	0.007	16.60	14.71	0.31	9.5	(4)
0.52	0.007	17.26	14.71	0.98	9.1	(4)
0.54	0.007	17.92	14.71	1.64	8.8	(4)
0.56	0.007	18.59	14.71	2.30	8.4	(4)

(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029

Location: 4 ACRES FLOODED

By: KKC

Date: Apr 27, 1993

Roughness coefficient (n)= 0.250

Intake family (If)=2.00

Slope (S)= 0.0800 ft/ft

Border width (W)= 76 ft

Net application (Fn)= 1.57 inches

Border length (L)= 110 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
0.34	Gross depth is less than required gross application depth					
0.36	Gross depth is less than required gross application depth					
0.38	Gross depth is less than required gross application depth					
0.40	0.005	16.54	14.71	0.25	9.5	(4)
0.42	0.006	17.36	14.71	1.08	9.0	(4)
0.44	0.006	18.19	14.71	1.91	8.6	(4)
0.46	0.006	19.02	14.71	2.73	8.3	(4)
0.48	0.006	19.84	14.71	3.56	7.9	(4)
0.50	0.007	20.67	14.71	4.39	7.6	(4)

(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029
By: KKC

Location: 3 ACRES FLOODED
Date: Apr 27, 1993

Roughness coefficient (n)= 0.250 Intake family (If)=2.00
Slope (S)= 0.0800 ft/ft Border width (W)= 76 ft
Net application (Fn)= 1.57 inches Border length (L)= 82 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
0.24	Gross depth is less than required gross application depth					
0.26	Gross depth is less than required gross application depth					
0.28	Gross depth is less than required gross application depth					
0.30	0.004	16.64	14.71	0.35	9.4	(4)
0.32	0.004	17.75	14.71	1.46	8.8	(4)
0.34	0.004	18.85	14.71	2.57	8.3	(4)
0.36	0.005	19.96	14.71	3.68	7.9	(4)
0.38	0.005	21.07	14.71	4.79	7.5	(4)
0.40	0.005	22.18	14.71	5.90	7.1	(4)

(4) Less than minimum recommended depth of flow.

GRADED BORDER EVALUATION

Job name: A47-04029

Location: 2 ACRES FLOODED

By: KKC

Date: Apr 27, 1993

Roughness coefficient (n)= 0.250

Intake family (If)=2.00

Slope (S)= 0.0800 ft/ft

Border width (W)= 76 ft

Net application (Fn)= 1.57 inches

Border length (L)= 55 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
0.16	Gross depth is less than required gross application depth					
0.18	Gross depth is less than required gross application depth					
0.20	0.003	16.54	14.71	0.25	9.5	(4)
0.22	0.003	18.19	14.71	1.91	8.6	(4)
0.24	0.003	19.84	14.71	3.56	7.9	(4)
0.26	0.003	21.50	14.71	5.21	7.3	(4)
0.28	0.004	23.15	14.71	6.87	6.8	(4)
0.30	0.004	24.80	14.71	8.52	6.3	(4)
0.32	0.004	26.46	14.71	10.17	5.9	
0.34	0.004	28.11	14.71	11.83	5.6	

(4) Less than minimum recommended depth of flow.

CLAIM NO. --- A47-04029 Lotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 04/27/93 Date form revised:
 4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = BBD...LITHIC XEROLIC HAPLARGIDS, LOAMY, MIXED, MESIC
 Source of Soils Data = Printout From Twin Falls SCS 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	0.16	0.18	7.4	7.8	1	3	1	2.18	2	0.55
5	17	0.18	0.2	7.4	8.4	0.5	1	1	2.37		
								3	3.13		
								4	3.13	alternate	
								5	3.13	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	
				FIELD WIDTH	702	0		
				IRRIGATION DAYS	1			
				DRY DAYS	6			
				SET TIME(hours)	12			
alfalfa (hay or seed)	5	0.5	1.57	CALCULATED RUN (run = acres*43560/width)				
corn (field or silage)	4	0.5	1.57	RUN = 540				
grain (winter or spring)	4	0.5	1.57	CALCULATED BORDER WIDTH (ditch length/irr days * cha				
pasture (or grass hay)	3	0.5	1.57	WIDTH = 351				
other (enter below)				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD = 1.57				
				ROTATION = 6.4 DAYS				

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CASTLEFORD 2 N
 Figure No = 10-16

crop	acres	system	current		recomm. eff.	mar	Net Irrigation Requirement (mm/day)						
			eff.	eff.			apr	may	jun	jul	aug	sep	oct
PASTURE	8.7	FURROW	37	37			2.55	4.54	5.38	6.21	5.1	3.89	2.37

Summary	8.7		37	37			2.55	4.54	5.38	6.21	5.10	3.89	2.37
---------	-----	--	----	----	--	--	------	------	------	------	------	------	------

Peak Net Irrigation Requirement (mm/day) = 6.21
 Current Diversion Requirement at Field (cfs/acre) = 0.028
 Recommended Diversion Requirement at Field (cfs/acre) = 0.028

RATE PER ACRE BASED UPON TOTAL ACRES * RATE PER ACRE

Total acres * program recommended rate = 0.242 cfs
 Total acres * legal limit of 0.02 cfs/acre = 0.174 cfs

Program Operation based upon "GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES"

Soil Characteristics based upon HUBBLE ENGINEERING INC. OCTOBER 1991

Peak Irrigation Diversion based upon SOIL CONSERVATION SERVICE STUDIES

Allen & Brockway Weather Information 1983

INTAKE FAMILY <If> = 0.55
 DESIGN APPLICATION <Fn> = 1.57 INCHES
 FURROW SLOPE <S> = 0.080 FEET/FOOT
 FURROW SPACING <W> = 2.00 FEET
 FURROW LENGTH <L> = 540 FEET
 INFLOW RATE <Q> = 4 GPM/FURROW
 APPLICATION TIME <Ti> = 12 HOURS

ADVANCE TIME <TT> = 38.2 MINUTES; OR 0.6 HOURS
 GROSS APPLICATION <FG> = 4.28 INCHES
 NET APPLICATION <Fx> = 3.70 INCHES
 RUNOFF <RO> = 0.49 INCHES
 DEEP PERCOLATION <DP> = 2.22 INCHES
 EFFICIENCY <E> = 36.70 %

TO CHANGE: PRESS (EXISTING)
 Design Application <1> 1.57 in
 Furrow Slope <2> 0.080 ft/ft
 Furrow Spacing <3> 2.00 ft
 Furrow Length <4> 540 ft
 Furrow Intake Family <5> 0.55
 Inflow Rate <6> 4 gpm/furrow
 Inflow Time <7> 12 hours <ANALYSIS MODE>

TO PRINT: DATA/WITH HEADING PRESS:<8/9>

NEW DESIGN PRESS <10>, NEW ANALYSIS PRESS <11>, QUIT PRESS <12>?

INTAKE FAMILY	DESIGN APPLIC. Inches	FURROW SLOPE Ft/Ft	FURROW SPACING Feet	FURROW LENGTH Feet	INFLOW RATE Gpm	APPROXIMATE INFLOW TIME Hours	ADVANCE TIME Minutes	GROSS IRRIGATION APPLICATION Inches	NET IRRIGATION APPLICATION Inches	RUNOFF Inches	DEEP PERC. In.	IRRIGATION EFFICIENCY %
0.55	1.57	.080	2.00	540	6	12	31.0	6.42	3.94	2.41	2.44	24.47
0.55	1.57	.080	2.00	540	5	12	33.7	5.35	3.83	1.44	2.34	29.36
0.55	1.57	.080	2.00	540	4	12	38.2	4.28	3.70	0.49	2.22	36.70

Borde

Furrow analysis for A47-04029)

8.7 Acre 'Russian Olive' field

CLAIM NO. ----- A47-04029
 AGENT ----- KKC
 DATE ----- 27-Apr-93

days of irrigation 7
 inflow time (hrs) 8
 ditch length 1586

acres	ditch length	run	width
9	1586	247	75.5
8	1586	220	75.5
7	1586	192	75.5
6	1586	165	75.5
5	1586	137	75.5
4	1586	110	75.5
3	1586	82	75.5
2	1586	55	75.5

BASE ACRES 9
 DEEP PERCOLATION 14.71
 REQUIRED INCHES 1.57

FACTOR ACRES	GENERATED VOLUME	REQUIRED VOLUME	PERCENTAGE OF GEN. VOL.
1	427,178.4	74,088.3	17%
2	373,781.1	79,787.4	21%
3	320,383.8	85,486.5	27%
4	266,986.5	91,185.6	34%
5	213,589.2	96,884.7	45%
6	160,191.9	102,583.8	64%
7	106,794.6	108,282.9	101%
8	53,397.3	113,982.0	213%

TAIL WATERED ACRES 12
 REQUIRED VOLUME 68,389.20

A:A2: [W19] 'CLAIM NO. -----
A:B2: [W10] 'A47-04029
A:A3: [W19] 'AGENT -----
A:B3: [W10] 'KKC
A:A4: [W19] 'DATE -----
A:B4: (D1) [W10] @TODAY
A:A6: [W19] 'days of irrigation
A:B6: [W10] 7
A:A7: [W19] 'inflow time (hrs)
A:B7: [W10] 8
A:A8: [W19] 'ditch length
A:B8: [W10] 1586
A:B9: [W10] "acres
A:C9: [W13] "ditch
A:D9: [W5] "run
A:E9: [W10] "width
A:C10: [W13] "length
A:B11: [W10] 9
A:C11: [W13] +\$B\$8
A:D11: (F0) [W5] (B11*43560)/C11
A:E11: (F1) [W10] +C11/(\$B\$6*24/\$B\$7)
A:B12: [W10] 8
A:C12: [W13] +\$B\$8
A:D12: (F0) [W5] (B12*43560)/C12
A:E12: (F1) [W10] +C12/(\$B\$6*24/\$B\$7)
A:B13: [W10] 7
A:C13: [W13] +\$B\$8
A:D13: (F0) [W5] (B13*43560)/C13
A:E13: (F1) [W10] +C13/(\$B\$6*24/\$B\$7)
A:B14: [W10] 6
A:C14: [W13] +\$B\$8
A:D14: (F0) [W5] (B14*43560)/C14
A:E14: (F1) [W10] +C14/(\$B\$6*24/\$B\$7)
A:B15: [W10] 5
A:C15: [W13] +\$B\$8
A:D15: (F0) [W5] (B15*43560)/C15
A:E15: (F1) [W10] +C15/(\$B\$6*24/\$B\$7)
A:B16: [W10] 4
A:C16: [W13] +\$B\$8
A:D16: (F0) [W5] (B16*43560)/C16
A:E16: (F1) [W10] +C16/(\$B\$6*24/\$B\$7)
A:B17: [W10] 3
A:C17: [W13] +\$B\$8
A:D17: (F0) [W5] (B17*43560)/C17
A:E17: (F1) [W10] +C17/(\$B\$6*24/\$B\$7)
A:B18: [W10] 2
A:C18: [W13] +\$B\$8
A:D18: (F0) [W5] (B18*43560)/C18
A:E18: (F1) [W10] +C18/(\$B\$6*24/\$B\$7)
A:A20: [W19] 'BASE ACRES
A:B20: [W10] 9
A:A21: [W19] 'DEEP PERCOLATION

ATTACHMENT#

Formulas *By*
Iteration calculation program,

pg 1/2

pg 3/3

```

A:B21: [W10] 14.71
A:A22: [W19] 'REQUIRED INCHES
A:B22: [W10] 1.57
A:B24: [W10] "FACTOR
A:C24: (T) [W13] "GENERATED
A:E24: [W10] 'REQUIRED
A:F24: 'PERCENTAGE
A:B25: [W10] "ACRES
A:C25: [W13] "VOLUME
A:E25: [W10] 'VOLUME
A:F25: 'OF GEN. VOL.
A:B26: [W10] 1
A:C26: (,1) [W13] ((B$20-B26)*B$21/12)*43560
A:E26: (,1) [W10] (B26*(1.57/12))*43560+B$36
A:F26: (P0) +E26/C26
A:B27: [W10] 2
A:C27: (,1) [W13] ((B$20-B27)*B$21/12)*43560
A:E27: (,1) [W10] (B27*(1.57/12))*43560+B$36
A:F27: (P0) +E27/C27
A:B28: [W10] 3
A:C28: (,1) [W13] ((B$20-B28)*B$21/12)*43560
A:E28: (,1) [W10] (B28*(1.57/12))*43560+B$36
A:F28: (P0) +E28/C28
A:B29: [W10] 4
A:C29: (,1) [W13] ((B$20-B29)*B$21/12)*43560
A:E29: (,1) [W10] (B29*(1.57/12))*43560+B$36
A:F29: (P0) +E29/C29
A:B30: [W10] 5
A:C30: (,1) [W13] ((B$20-B30)*B$21/12)*43560
A:E30: (,1) [W10] (B30*(1.57/12))*43560+B$36
A:F30: (P0) +E30/C30
A:B31: [W10] 6
A:C31: (,1) [W13] ((B$20-B31)*B$21/12)*43560
A:E31: (,1) [W10] (B31*(1.57/12))*43560+B$36
A:F31: (P0) +E31/C31
A:B32: [W10] 7
A:C32: (,1) [W13] ((B$20-B32)*B$21/12)*43560
A:E32: (,1) [W10] (B32*(1.57/12))*43560+B$36
A:F32: (P0) +E32/C32
A:B33: [W10] 8
A:C33: (,1) [W13] ((B$20-B33)*B$21/12)*43560
A:E33: (,1) [W10] (B33*(1.57/12))*43560+B$36
A:F33: (P0) +E33/C33
A:A35: [W19] 'TAIL WATERED ACRES
A:B35: [W10] 12
A:A36: [W19] 'REQUIRED VOLUME
A:B36: (,2) [W10] (B35*B22/12)*43560

```

CLAIM NO. --- A47-04029 southwest 4.5 acLotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 04/28/93 Date form revised:
 4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = BBD...LITHIC XEROLIC HAPLARGIDS, LOAMY, MIXED, MESIC
 Source of Soils Data = Printout From Twin Falls SCS 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	0.16	0.18	7.4	7.8	1	3	1	2.18	2 0.55
5	17	0.18	0.2	7.4	8.4	0.5	1	1	2.37	
								3	3.13	
								4	3.13	alternate
								5	3.13	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	
				FIELD WIDTH	416	0		
				IRRIGATION DAYS	1			
				DRY DAYS	7			
				SET TIME(hours)	12			
alfalfa (hay or seed)	5	0.5	1.57	CALCULATED RUN (run = acres*43560/width)				
corn (field or silage)	4	0.5	1.57	RUN = 471				
grain (winter or spring)	4	0.5	1.57	CALCULATED BORDER WIDTH (ditch length/irr days * cha				
pasture (or grass hay)	3	0.5	1.57	WIDTH = 208				
other (enter below)				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD = 1.57				
				ROTATION = 6.4 DAYS				

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CASTLEFORD 2 N
 Figure No = 10-16

crop	acres	system	Net Irrigation Requirement (mm/day)									
			current eff.	recomm. eff.	mar	apr	may	jun	jul	aug	sep	oct
PASTURE	4.5	FURROW	43	43		2.55	4.54	5.38	6.21	5.1	3.89	2.37

Summary	4.5		43	43		2.55	4.54	5.38	6.21	5.10	3.89	2.37
---------	-----	--	----	----	--	------	------	------	------	------	------	------

Peak Net Irrigation Requirement (mm/day) = 6.21
 Current Diversion Requirement at Field (cfs/acre) = 0.024
 Recommended Diversion Requirement at Field (cfs/acre) = 0.024

 RATE PER ACRE BASED UPON TOTAL ACRES * RATE PER ACRE
 Total acres * program recommended rate = 0.107 cfs
 Total acres * legal limit of 0.02 cfs/acre = 0.090 cfs

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

INTAKE FAMILY <If> = 0.55
 DESIGN APPLICATION <Fn> = 1.57 INCHES
 FURROW SLOPE <S> = 0.080 FEET/FOOT
 FURROW SPACING <W> = 2.00 FEET
 FURROW LENGTH <L> = 471 FEET
 INFLOW RATE <Q> = 3 GPM/FURROW
 APPLICATION TIME <Ti> = 12 HOURS

ADVANCE TIME <TT> = 36.9 MINUTES; OR 0.6 HOURS
 GROSS APPLICATION <FG> = 3.68 INCHES
 NET APPLICATION <Fx> = 3.58 INCHES
 RUNOFF <RO> = 0.01 INCHES
 DEEP PERCOLATION <DP> = 2.10 INCHES
 EFFICIENCY <E> = 42.68 %

TO CHANGE: PRESS (EXISTING)
 Design Application <1> 1.57 in
 Furrow Slope <2> 0.080 ft/ft
 Furrow Spacing <3> 2.00 ft
 Furrow Length <4> 471 ft
 Furrow Intake Family <5> 0.55
 Inflow Rate <6> 3 gpm/furrow
 Inflow Time <7> 12 hours <ANALYSIS MODE>

TO PRINT: DATA/WITH HEADING PRESS:<8/9>

NEW DESIGN PRESS <10>, NEW ANALYSIS PRESS <11>, QUIT PRESS <12>?

INTAKE FAMILY	DESIGN APPLIC.	FURROW SLOPE	FURROW SPACING	FURROW LENGTH	INFLOW RATE	APPROXIMATE INFLOW TIME	ADVANCE TIME	GROSS IRRIGATION APPLICATION	NET IRRIGATION APPLICATION	RUNOFF	DEEP PERC.	IRRIGATION EFFICIENCY
	Inches	Ft/Ft	Feet	Feet	Gpm	Hours	Minutes	Inches	Inches	Inches	In.	%
0.55	1.57	.080	2.00	471	3	12	36.9	3.68	3.58	0.01	2.10	42.68
0.55	1.57	.080	2.00	471	6	12	25.7	7.36	3.96	3.34	2.45	21.34
0.55	1.57	.080	2.00	471	5	12	27.6	6.13	3.85	2.21	2.35	25.61
0.55	1.57	.080	2.00	471	4	12	30.8	4.90	3.73	1.10	2.23	32.01
0.55	1.57	.080	2.00	471	3	12	36.9	3.68	3.58	0.01	2.10	42.68

CLAIM NO. --- A47-04029A north of unnameLotus Program:
 AGENT ----- KKC IRR-PRAC.WK3
 DATE ----- 04/28/93 Date form revised:
 4/21/93 by KKC

SOIL CHARACTERISTICS

Soil Type = EAA...CUMULIC HAPLOXEROLLS, FINE-LOAMY, MIXED, MESIC
 Source of Soils Data = Printout From Twin Falls SCS 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	24	0.18	0.2	6.6	7.8	2	3	1	2.28			2	0.55
24	38	0.16	0.18	6.6	7.8	2	2	1	2.47				
38	50	0.1	0.13	6.6	7.8	0.5	1	3	6.60				
50	65	0.06	0.08	6.6	7.8		0.5	4	8.09			alternate	
								5	9.02			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	
				FIELD WIDTH	806	0		
				IRRIGATION DAYS	7			
				DRY DAYS				
				SET TIME(hours)	12			
				CALCULATED RUN (run = acres*43560/width)				
				RUN =	594			
				CALCULATED BORDER WIDTH (ditch length/irr days * cha				
				WIDTH =	58			
				THEORETICAL ROTATION (mad/net irr req in inches per				
				SELECTED MAD =	3.3			
				ROTATION =	13.5 DAYS			

PEAK IRRIGATION DIVERSION REQUIREMENT AT FIELD

Weather Station = CASTLEFORD 2 N
 Figure No = 10-16

crop	acres	system	current eff.	recomm. eff.	mar	Net Irrigation Requirement (mm/day)						
						apr	may	jun	jul	aug	sep	oct
PASTURE	11	FURROW	68	68		2.55	4.54	5.38	6.21	5.1	3.89	2.37

Summary	11		68	68		2.55	4.54	5.38	6.21	5.10	3.89	2.37
---------	----	--	----	----	--	------	------	------	------	------	------	------

Peak Net Irrigation Requirement (mm/day) = 6.21
 Current Diversion Requirement at Field (cfs/acre) = 0.015
 Recommended Diversion Requirement at Field (cfs/acre) = 0.015

RATE PER ACRE BASED UPON TOTAL ACRES * RATE PER ACRE

Total acres * program recommended rate = 0.166 cfs
 Total acres * legal limit of 0.02 cfs/acre = 0.220 cfs

Program Operation based upon "GUIDELINES FOR THE EVALUATION OF IRRIGATION DIVERSION RATES"

Soil Characteristics based upon HUBBLE ENGINEERING INC. OCTOBER 1991

Peak Irrigation Diversion based upon SOIL CONSERVATION SERVICE STUDIES
 ALLEN & BROCKWAY WEATHER INFORMATION 1983

INTAKE FAMILY <If> = 0.55
 DESIGN APPLICATION <Fn> = 3.30 INCHES
 FURROW SLOPE <S> = 0.020 FEET/FOOT
 FURROW SPACING <W> = 2.00 FEET
 FURROW LENGTH <L> = 594 FEET
 INFLOW RATE <Q> = 5 GPM/FURROW
 APPLICATION TIME <Ti> = 12 HOURS

ADVANCE TIME <TT> = 67.8 MINUTES; OR 1.1 HOURS
 GROSS APPLICATION <FG> = 4.86 INCHES
 NET APPLICATION <Fx> = 4.09 INCHES
 RUNOFF <RO> = 0.58 INCHES
 DEEP PERCOLATION <DP> = 0.98 INCHES
 EFFICIENCY <E> = 67.89 %

TO CHANGE: PRESS (EXISTING)
 Design Application <1> 3.30 in
 Furrow Slope <2> 0.020 ft/ft
 Furrow Spacing <3> 2.00 ft
 Furrow Length <4> 594 ft
 Furrow Intake Family <5> 0.55
 Inflow Rate <6> 5 gpm/furrow
 Inflow Time <7> 12 hours <ANALYSIS MODE>

TO PRINT: DATA/WITH HEADING PRESS:<8/9>
 NEW DESIGN PRESS <10>, NEW ANALYSIS PRESS <11>, QUIT PRESS <12>?

INTAKE FAMILY	DESIGN APPLIC. Inches	FURROW SLOPE Ft/Ft	FURROW SPACING Feet	FURROW LENGTH Feet	INFLOW RATE Gpm	APPROXIMATE INFLOW TIME Hours	ADVANCE TIME Minutes	GROSS IRRIGATION APPLICATION Inches	NET IRRIGATION APPLICATION Inches	RUNOFF Inches	DEEP PERC. In.	IRRIGATION EFFICIENCY %
0.55	3.30	.020	2.00	594	6	12	56.4	5.83	4.27	1.41	1.13	56.57
0.55	3.30	.020	2.00	594	5	12	67.8	4.86	4.09	0.58	0.98	67.89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:03:56
04/12/93

PAGE: 13
QUICKLOOK INFORMATION

13
CLAIM NUMBER: A47-04029

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		KKC 4-12-93 4-27-93	Y	1,2,4,5	KKC 4-30-93		
SOURCE	Y		KKC 4-12-93	.	1,2,4,5	KKC 4-30-93		
PLACE OF USE	Y		KKC 4-12-93 4-14-93 4-14-93	Y	1,2,4,5,6	KKC 4-30-93		
DIV. AMOUNT CFS/VOLUME	Y		KKC 4-12-93 4-14-93	Y	1,2,4,5,6			
CONSUMPTIVE USE	-		KKC 4-30-93	Y	6	KKC 4-30-93		
PURPOSES	Y		KKC 4-12-93 4-14-93	N	6,1,2,4,5	KKC 4-30-93		
PERIOD OF USE	Y		KKC 4-30-93	N	6	KKC 4-30-93		
BASIS OF CLAIM	Y		KKC 4-30-93	Y	6	KKC 4-30-93		
REMARKS	Y							

"VERIFIED BY" CODES

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

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

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:03:56
04/12/93

PAGE: 1
GENERAL INFORMATION

1
CLAIM NUMBER: A47-04029

LAST: ALANIA
ADDRESS: RT. 3 BOX 205-A
CITY: BUHL
PHONE NUMBER: 208-543-5042

FIRST: SATURNINO

STATE: ID ZIP: 83316

OWNER CODE: 0

LAST: QUESNELL
ADDRESS: RT. 3 BOX 205-A
CITY: BUHL
PHONE NUMBER: 208-543-5042

FIRST: JOSEPH

STATE: ID ZIP: 83316

OWNER CODE: 0

LAST: ALANIA
ADDRESS: RT. 3 BOX 205-A
CITY: BUHL
PHONE NUMBER: 208-543-5042

FIRST: MARY T.

STATE: ID ZIP: 83316

OWNER CODE: 0

LAST: STENNETT
ADDRESS: P.O. BOX 1568
CITY: SUN VALLEY
PHONE NUMBER: 208-726-8106

FIRST: W. CLINTON

STATE: ID ZIP: 83353

OWNER CODE: C

FIELD EXAM REQUIRED?

VERIFICATION REQUIRED DUE TO REMARKS?

DATABASE
Y

FIELD
EXAMINER

CLAIM REMARKS:

OWNERSHIP: LEASE OPTION TO BUY FROM J. QUESNELL, OWNER.
DWR NOTE*****SEVERAL VARIATIONS EXIST BETWEEN THIS FILING
AND THE PREVIOUSLY FILED STATUTORY CLAIM: TRIBUTARY IS LISTED AS
MUD CREEK. NO STOCKWATER USE LISTED ON ORIGINAL. P/U IS LISTED
IN 47-4029 AS 09S. 14E. SEC. 23, SENE 40 AC., NESE 40 AC.
SEC. 24, SWNW 20 AC. MAP DOES NOT AGREE WITH EITHER DESCRIPTION.
DOCKET SHEET WAS REQUESTED ON THE SUBMITTED CLAIM AND WAS NOT
ADDED TO THE RECEIPT.(SCC 2/8/89)

OWNERSHIP CHANGE 11/1/91 BY JG.

CONTACT PERSON: Carol Skennett

PHONE NUMBER: () 543-4419

DATE OF FIELD EXAM: 4/12/93

APPOINTMENT MADE: Y() N()

TIME: ____:____ A() P()

ACCOMPANIED BY: 4-14-93

PHONE NUMBER: () ____-____

RELATIONSHIP TO CLAIMANT: 4-27-93

mother

DIRECTIONS TO PROPERTY / NOTES:

A. AJ CLAIM: # A47-04029 PRIORITY DATE: 12-03-1939 STAGE: S
B. WR RECORD: # 47-04029 PRIORITY DATE: 12-03-1939 STAGE: S

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

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

NOTES:

RECOMMENDED PRIORITY DATE:
12-03-1939

REVIEWED BY DATE

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
A47-04029	09S	14E	24	SE	SW	SW		TWIN FALLS

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
NONE NONE

WR RECORDS IN SAME 40 ACRE TRACT
47-04168

SOURCE: UNNAMED STREAM

TRIB: J-2 COULEE

B. WR POINT OF DIVERSION AND SOURCE:

RIGHT	TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	CNTY
47-04029	09S	14E	24		SW	SW		TWIN FALLS

OTHER WR RECORDS WITH SAME WR POD

AJ CLAIMS IN SAME 40 ACRE TRACT
A PREFIX R PREFIX
47-12260 NONE
47-12631

SOURCE: UNNAMED STREAM

TRIB: SEWER CREEK

C. FIELD EXAM REQUIRED?

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

NOTES:

Found 3 P/D's two were claimed 1 was not. 3rd P/D requires an amendment to correct.

Claim to be recommended in two parts. Part A, the ground north of the unnamed stream. Part B, the ground south of the unnamed stream.

P/D locations verified by field verification & location on ASCS & orthophoto aerial photography.

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

TWP.	RGE.	SEC.	1/4	1/4	1/4	LOT	COUNTY	DIVERSION NAME
PART A (North P/U)	9S	14E	24	NW	NW	SW		
PART B	9S	14E	24	SE	NW	SW		
SOUTH P/U	9S	14E	23	NE	NE	SE		

SOURCE: UNNAMED
STREAM

TRIB: MUD CREEK

(VIA J-2 CIRCLE, which is NOT
an USGS stream identifier.)

REVIEWED BY: KKC

DATE: 4-30-93

SYSTEM DESCRIPTION:

A. ROOT WATER RIGHT NUMBERS: A47-04029
A47-04029A

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
09S	14E	23	SW	NW		STENNETT, W. CLINTON	A47-04029 /17.0	- /	42.0		
			SW	NW		BARTLETT, ROCKY	A47-02302 /40.0	47-02302 /40.0			
			SW	NW		BARTLETT, ROCKY	A47-04246 /40.0	47-04246 /40.0			
			SW	NW		ROSHOLT, JOHN A OR GARY D SLETA01-0020920/20.0	- /				
			SW	NW		TWIN FALLS CANAL CO		X01-00209 /20.0			
09S	14E	23	SW	NW		STENNETT, W. CLINTON	A47-04029 /	- /	42.0		
			SW	NW		BARTLETT, ROCKY	A47-02302 /40.0	47-02302 /40.0			
			SW	NW		BARTLETT, ROCKY	A47-04246 /40.0	47-04246 /40.0			
			SW	NW		ROSHOLT, JOHN A OR GARY D SLETA01-0020920/20.0	- /				
			SW	NW		TWIN FALLS CANAL CO		X01-00209 /20.0			
09S	14E	23	NW	SW		STENNETT, W. CLINTON	A47-04029 /34.0	- /	43.0		
			NW	SW		BARTLETT, ROCKY	A47-02302 /35.0	47-02302 /35.0			
			NW	SW		BARTLETT, ROCKY	A47-04246 /40.0	47-04246 /40.0			
			NW	SW		BARTLETT, ROCKY	A47-11402 / 1.0	- /			
09S	14E	24	NE	SE		STENNETT, W. CLINTON	A47-04029 / 4.0	- /	38.0		
			NE	SE		MENDINI, EUGENE	A47-12230 /38.0	- /			
			NE	SE		MENDINI, EUGENE	A47-14622 /	- /			
			NE	SE		ROSHOLT, JOHN A OR GARY D SLETA01-0020920/40.0	- /				
			NE	SE		TWIN FALLS CANAL CO		X01-00209 /40.0			
TOTAL ACRES							A47-04029	55.00	165.00		

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

C. FIELD EXAM REQUIRED?

DUE TO POU DISCREPANCY? (Y/N)

DATABASE
Y

FIELD
EXAMINER

POU COUNTY: TWIN FALLS

*See attached
Worksheet
and analysis
KKC*

PRESUMPTION FLAG:

NOTES:

P/U claimed incorrectly. requires an amendment. Also the property is irrigated by two different systems and is to be recommended as such.

RECOMMENDATIONS:

TOTAL ACRES: _____

REVIEWED BY: KKC

DATE: 4-30-93

North field - 11 acres one P/D

South field 25.5 acres two P/D's
See analysis attached
KKC

acres identified during field exam plotted on ASCS map & then acres is determined via planimeter.

A. AJ CLAIMED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
A47-04029 IRRIGATION	FROM 04-01 TO 10-31 <i>OK</i>	2.000 CFS
A47-04029 STOCKWATER	FROM 01-01 TO 12-31	.050 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED		2.000 CFS

B. WR RECORDED USES:

PURPOSES	MONTH/DAY	DIVERSION QUANTITY
47-04029 IRRIGATION	FROM 04-01 TO 10-31	2.000 CFS
TOTAL DIVERSION RATE/VOLUME CLAIMED		2.000 CFS

PRESUMPTION FLAG:

C. FIELD EXAM REQUIRED?

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

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?

Y(*X*) N()

RECOMMEND TO WR STANDARDS OR OTHER?

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

NOTES:

*Claimed period of use matches
dept standard except as claimed.*

*KKC Stock water use for the pasture
South of the unnamed stream*

*KKC info received via
phone conversation
on 5-4-93 from
Ms Skeneett.*

*various Maximum use during the
winter months when the claimant
consolidates livestock for winter feeding.
at that time approx 50 pair mares are
run. the base right was for .05 CFS, 50 head
range cattle calls for 0.03 CFS for 50 head per
dept charts. Recommend .03 CFS this claim.*

A. DOES DIVERSION RATE CLAIMED AGREE WITH EXISTING RECORDS?

Y(☒) N(☐)

AJ TOTAL CLAIMED DIVERSION RATE: 2.000 CFS
WR ROOT RIGHT TOTAL DIVERSION RATE: 2.000 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)

FIELD
DATABASE EXAMINER
Y

B.

FLOW MEASUREMENT

MEASUREMENT METHOD

, SEE ATTACHED CALCULATIONS.

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

OTHER RIGHTS LISTED IN CLAIM: NONE

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	DIV. RATE	DIV. RATE/ACRE	DIV. VOL.	DIV. VOL./ACRE
A47-04029	UNNAMED STREAM	STENNETT, W. CLINTON	2.000	0.036		
A01-0020920	SNAKE RIVER	ROSHOLT, JOHN A OR GARY D SLET	3000.000	0.084		
A47-02302	UNNAMED STREAM	BARTLETT, ROCKY	5.110	0.019		
A47-04246	WASTE WATER	BARTLETT, ROCKY	4.000	0.018		
A47-11402	UNNAMED SPRINGS	BARTLETT, ROCKY	0.040	0.020		
A47-12230	GROUNDWATER	MENDINI, EUGENE	0.760	0.020		

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

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	RATE	VOLUME
A47-04029	STOCKWATER	STENNETT, W. CLINTON	FROM 01-01 TO 12-31	.050 CFS	
A47-14622	DOMESTIC	MENDINI, EUGENE	FROM 01-01 TO 12-31	.040 CFS	
A47-14622	STOCKWATER	MENDINI, EUGENE	FROM 01-01 TO 12-31	.020 CFS	

flows too low as of 4-30-93 not measured yet KRC.

Claimant also has 10 shares in Twin Falls Canal Co. for both parcels. KRC

D.

RATE/VOLUME CALCULATIONS: (IRRIGATION)

1a. IRRIGATION RATE

ACRES _____ x 0.02 CFS/ACRE = _____ 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 = 165.0 AF/A

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

TOTAL CONSUMPTIVE USE _____ AF/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED DIVERSION VOLUME = _____ AF/A

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

TOTAL DIVERSION VOLUME _____ AF/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

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

*See attached
Analysis
KAC*

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE CFS	REC. DIV VOL. AF/A	REC. CONS. USE
Part B		DATABASE EXAMINER	DATABASE EXAMINER	DATABASE EXAMINER
irrigation	4-1 10-31	25.51 @ 0.61 CFS	—	76.5
stock water	1-1 12-31	.03 cfs	—	—
TOTAL FOR THIS RIGHT		—	—	—

REVIEWED BY: KKC DATE: 4-30-93

Part A irrigating 11 acres 4-1-10-31 .22 CFS 33

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: 47-04029

TOTAL DIVERSION RATE OF WR SPLITS

DATABASE
2.000

*Split analysis in
attachment*
EXAMINER _____
CFS *KAC*

SPLITS:

OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
-	A47-04029	2.000	-		47-04029	2.000
-	A47-04029A	0.140	-			
TOTAL CFS		2.140				2.000

DIVERSION RATE REVIEW

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

DATABASE
N

FIELD
EXAMINER

NOTES:

AUTHENTICATION:

SIGNATURE: _____

DATE: _____

NAME OF FIELD EXAMINER: _____

TITLE: _____

CLAIM NUMBER A47-04029ADATE 4-29-93A47-04029BAGENT KKC

	CLAIM NUMBER				NE				NW				SW				SE				TOTAL ACRES
		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	
CLAIMED	A47-04029	9S	14E	23							17			34							
				24																	
STATUTORY	47-4029			23				40										4			
				24							20							40			

	CLAIM NUMBER				NE				NW				SW				SE				TOTAL ACRES
		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	
FOUND	A47-4029A	9S	14E	24				11													11
FOUND	A47-4029B			24				9										16.5			25.5

Claimed place of use legal description is correct; requires an amendment.

SEC 24

SEC 23

CLAIM A47-04029 INIT KKC
T. R. S. Q/Q
P/D 9S 14E 24/23 3P/Ds
PHOTO ASCS 16083 R7R HI 417
DT. & ID. 8-1-88 FLIGHT

P/U A47-04029A

FARMSTEAD

P/U A47-04029B

'RUSSIAN OLIVE' FIELD →

- P/U CODE FOR A47-04029B
-  ACRES IRRIGATED WITH TAIL WATER
 -  ACRES FLOOD IRRIGATED CORRUGATES ON 2' WIDTH
 -  ACRES FLOOD IRRIGATED "WILD FLOODING" NO CORRUGATIONS

△ # = picture locations

P/D PART B

P/D PART A

P/D PART A

P/D A47-04436

DENARDS DELIVERY SYSTEM

#7 #6 #5 RISER
SPRING
SEEP BURIED LINE

T91
270

280

2.6 NW

77

T98
2109

27.7

2.8

G-10