

06/07/2002

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

RIGHT NUMBER: 29-348G
NAME AND ADDRESS: DENNIS LISH
8845 S ROBIN RD
MC CAMMON ID 83250

BEVERLY LISH
8845 S ROBIN RD
MC CAMMON ID 83250

SOURCE: CHERRY CREEK TRIBUTARY: MARSH CREEK
QUANTITY: 1.80 CFS
PRIORITY DATE: 11/13/1888
POINT OF DIVERSION:
T12S R37E S32 NWNE Within BANNOCK County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
IRRIGATION	04/01 10/31	1.800 CFS

PLACE OF USE: IRRIGATION Within BANNOCK County

T12S R37E S18	NESE	25.0	T12S R37E S18	NWSE	40.0
T12S R37E S18	SWSE	40.0	T12S R37E S18	SESE	40.0

145 ACRES TOTAL

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

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: Decreed

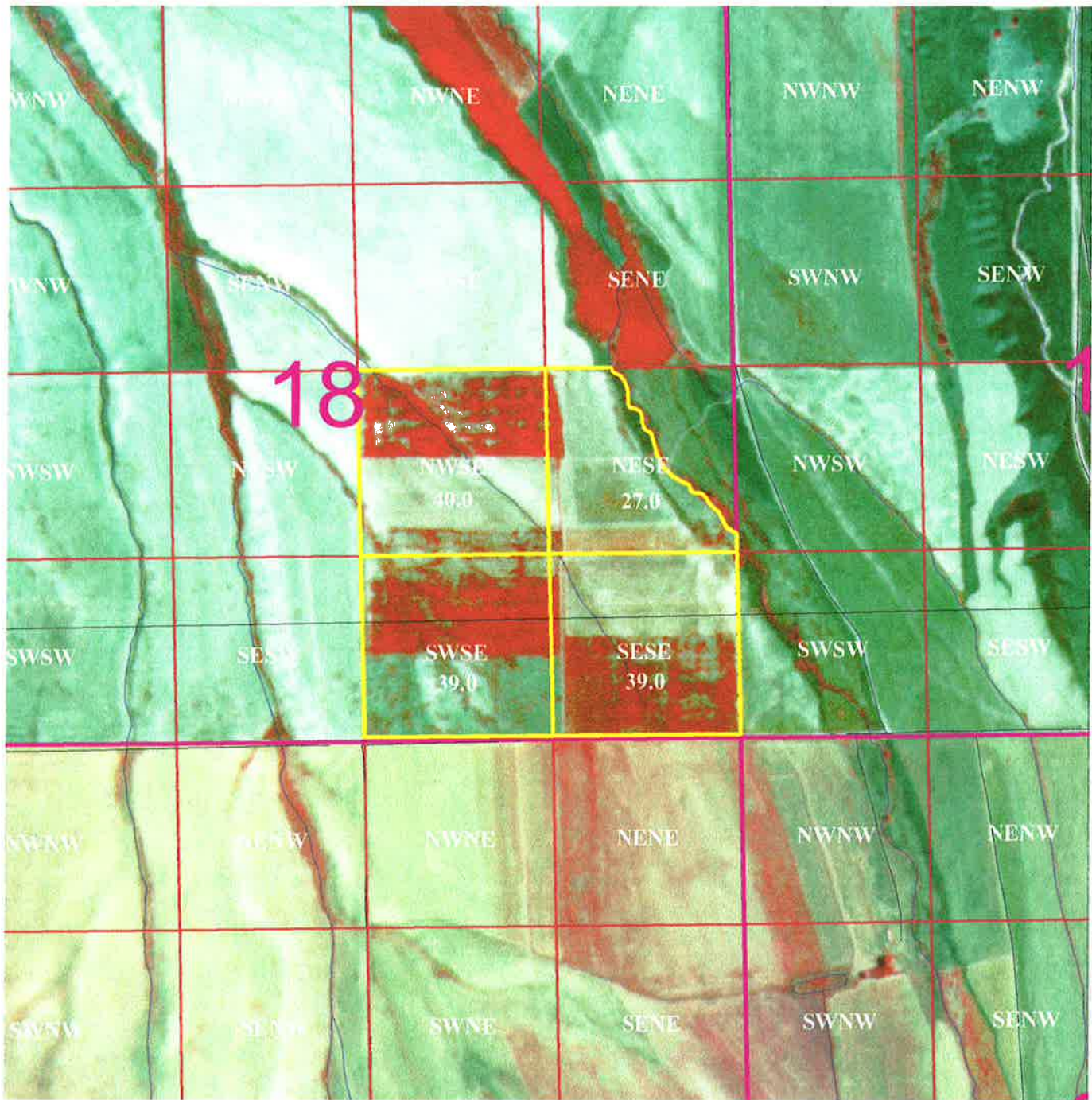
80 Acres historical use (SCS notes)

1/6 split

10% Ditch loss

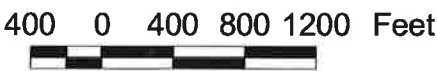
1.80 CFS

Township , 12S37E

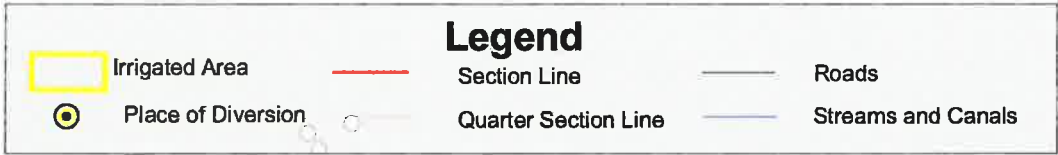
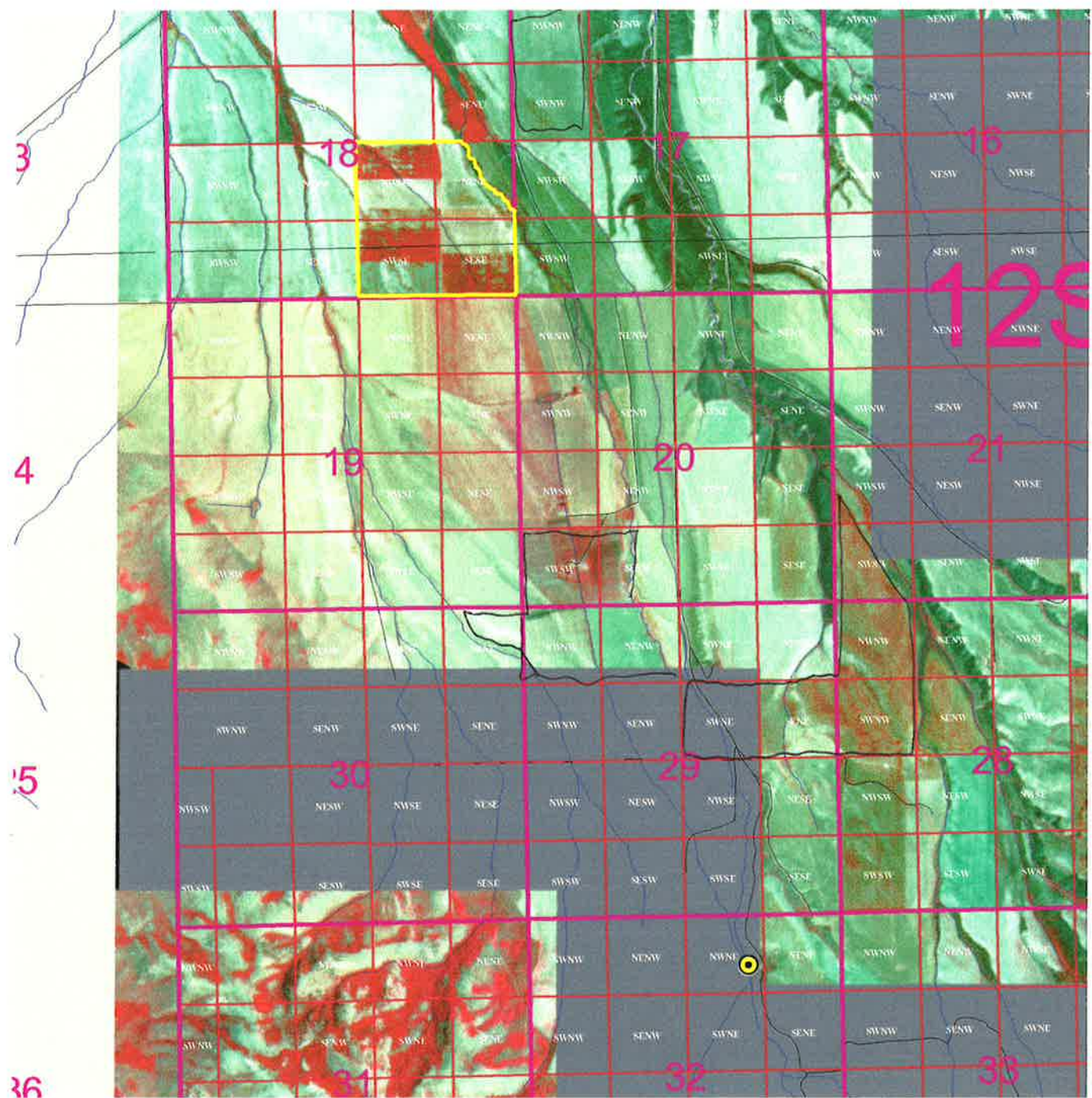


Legend

Irrigated Area	Section Line	Roads
Place of Diversion	Quarter Section Line	Streams and Canals



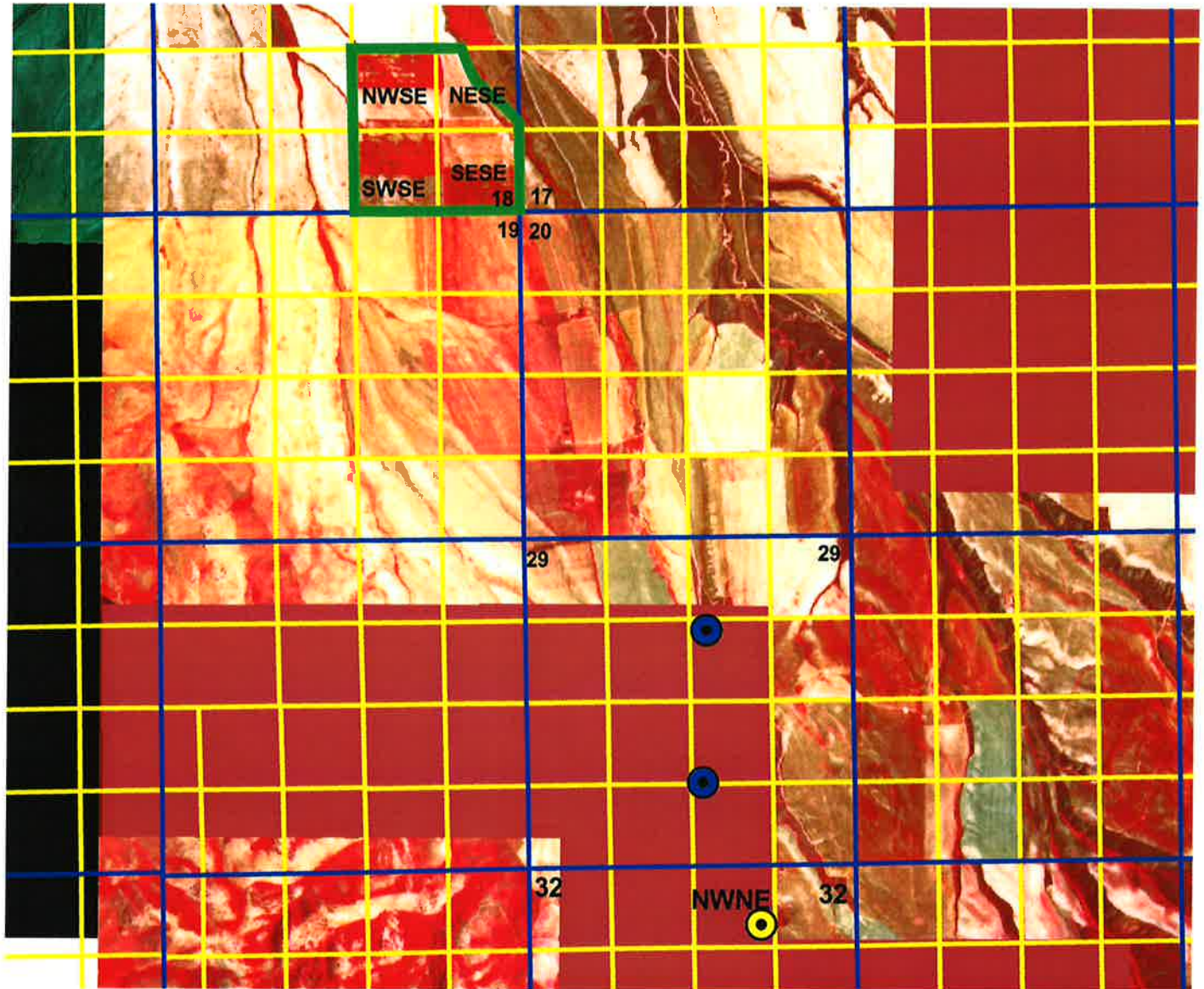
Township , 12S37E



IDAHO DEPARTMENT OF WATER RESOURCES

29-00348G

T12S, R37E SEC. 18



PROFILED

ACRES IRRIGATED- 80



POINT OF DIVERSION



PLACE OF USE

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NOV 02 2005

GIS: PLACE OF USE
POINT OF DIVERSION
1987/1988 NAPP PHOTOS
DAVE CARLSON

02/13/2003

NOTICE OF ERROR
REPLY

Dave
RECEIVED
MAR 10 2003
Department of Water Resources
Eastern Region

Please type or print clearly, fill out this form completely and mail.

Return this reply form to IDWR by the deadline date printed below if you want IDWR to change your recommendation or you want to let IDWR know that you agree with its recommendation.

YOUR DEADLINE FOR RETURNING A NOTICE OF ERROR REPLY IS: April 21, 2003

Water right number: 29-348G

DENNIS LISH
8845 S ROBIN RD
MC CAMMON ID 83250
Telephone Number: (208) 254-9375

BEVERLY LISH
8845 S ROBIN RD
MC CAMMON ID 83250
Telephone Number: (208) 254-9375

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

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

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

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

DATE:

3/3/3

SIGNATURE:

Beverly A. Lish

Please print your name:

Beverly A. Lish

IDWR Regional Office, 900 N Skyline Dr Ste A, Idaho Falls, ID 83402, 2085257161

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Ralph

2. That the parties hereto are the successors in interest of the water rights and the lands to which said rights were appurtenant under the Decree, to wit:

	PARTY	PREDECESSOR	SHARE OF WATER	REAL PROPERTY
11	Carl R. Evans <i>STEPHANS</i>	Charles R. Evans	$\frac{1}{9}$ 40	SW1/4NE1/4, Section 19, Township 12 South, Range 37 E.B.M.
16.6	Geraldine McNee	Thomas Barnes	$\frac{1}{6}$	W1/2SW1/4, Section 8, Township 12 South, Range 37 E.B.M.
16.6	Randy Jones (<i>LISH</i>)	Joseph Bloxham	$\frac{1}{6}$	SE1/4, Section 18, Township 12 South, Range 37 E.B.M.
11	Dunford Weston <i>NIELSEN</i>	Charles R. Evans	$\frac{1}{9}$ 40	SE1/4SE1/4, Section 20, Township 12 S., Range 37 E.B.M.
11	Jan B. Evans <i>PAULSON</i>	Charles R. Evans	$\frac{1}{9}$ 160	Tract in NE1/4, Section 19 and Tract in Section 20, both in Township 12 South, Range 37 E.B.M.
16.6	Von G. Bloxham	Isaac Bloxham	$\frac{1}{6}$	E1/2NW1/4, Section 18, Township 12 South, Range 37 E.B.M.
8	Robert Baxter <i>VAUGHN</i>	Ralph Douglass	$\frac{1}{12}$	NE1/4NE1/4, Section 8, Township 12 South, Range 37 E.B.M.
8	(Carl Barnes)	John Barnes	$\frac{1}{12}$	SW1/4SW1/4, Section 4 and SE1/4SE1/4 of Section 5, Township 12 South, Range 37 E.B.M.

* 210
60AC
44AC
200AC
145AC
60AC
190AC
NONE
40AC

3. The parties represent and state that they and their predecessors have used their share of all the waters of Cherry Creek continuously during each irrigation season upon the lands owned by them, as above described in paragraph 2.

4. The parties represent and state that the entire flow of Cherry Creek is not adequate to satisfy all the irrigation needs of the respective parties and that there is no water in Cherry Creek available for further appropriation.

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17-0-01
1954
17-0-01
1954
17-0-01
1954

STATE	Idaho	PROJECT	Cherry Creek Irrigation Group		
BY	R.E.D.	DATE	5-24-77	CHECKED BY	PJN
				DATE	6-22-77
SUBJECT	Gravity Sprinkler System				JOB NO. Eng Class I 7 Farm units
					SHEET 1 OF 5

Date:

Shareholder	Groups water Irrigated Ac.	Photo Measured Acres	GPM @ water right @ 6.36 gpm/ac
D. Weston	60	110	381.6
C. Evans	60	86	381.6
C. Mock	60	70	381.6
V. Jones	80	80	508.8
V. Bloxham	80	52	508.8
R. Stewart	40	40	254.4
Everett McNice	80	80	508.8
	460	538	2927 gpm

Acresage was based on 2800 gpm

$$= \frac{6.36 \text{ gpm}}{\text{acre}}$$

Id-40 = 2927 gpm required for 460 acres

Design for each to receive their allotted water

Nozzle requirements: Peak daily use 0.212"

See ID-40

$$S_m = 40' \quad S_L = 40' \quad 23 \text{ dist} = 4.0" \text{ Alt} = 0.174'$$

Ref Sec 15
Chpt 11 sec
WEHD

$$\text{Gpm} = \frac{(40') (6.36) (0.174' \text{ per})}{24.3 (\text{constant})} = 4.67 \text{ gpm}$$

Because of some irregular fields nozzle capacity will vary somewhat to utilize the proposed metered flow

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Error Job class IV
4 members - 340 Acres

Idaho Cherry Creek Upper Group
Eric Olson 5/80 DWS 5-1-80 1980 ACP # 11
Request & Background 1 11

Through their agent, Dunford Weston, in a pooling agreement with ASCS, the group has requested technical assistance in installing 5100 ft of pipe. This is part of a ~~larger~~ gravity sprinkler system the group is installing in stages. The request is for the initial section from about 250 ft downstream of their diversion structure to the top of Dunford Weston's farm. (refer to layout sketch - the request for 5100 ft was based on previous drawings - this appears to be in error - my estimate is 5400 ft).

The present ditch was made about 1920 with a horse pulled plow. According to Carl Evans, his grandfather helped in construction. They started at the present diversion site & allowed the water to follow them to make sure the water would flow. After about 4000' they made it to the ridge top & stayed on the ridge the rest of the distance - about 8500 ft. The average grade of the ditch is about 1.7 ft per 100 ft - too steep - & the group has had erosion & distribution problems since.

In 1968 Dunford Weston installed a pump & pipeline system on his property with about 1600 ft of 8" & 1000 ft of 6" steel mainline. His system is still in good condition & he wants to continue to use it in conjunction with the gravity pipeline.

Jon Evans showed initial interest in a gravity system in 1975, but he couldn't get all members interested. Preliminary estimates by the SES indicated the project was feasible.

(continued)

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Idaho Cherry Creek Upper Group
Eric Olson 5/80 DWS 5-1-80 1980 ACP #11
Background (continued) 2 11

The drought year of 1977 sparked renewed interest in a gravity system. Members of both the upper & lower groups - seven members in all - made an application for drought funds through ASCS to do the system. Evidently financial constraints on some members prevented the project from being started.

In the spring of 1979 Randy Jones went ahead - on his own - & installed about 3800 ft of 6"-PIP-100 psi pipe, from Carl Evans' pond into his own field 1300'.

Later in the autumn of '79 I was first introduced to the group. Carl Evans called & said he wanted to install some 10"-PIP-100 psi pipe through Dunford Weston's property. He asked me if it would work OK as part of the group's pipeline. After meeting with him, his son Jan, Dunford Weston and contractor Cordell Williams, on alternatives for a possible group system, I agreed the 10" would be alright, but would limit the number of acres that could be irrigated. The group said this was OK as Cherry Creek flow was so low later in the year. At his own expense Carl installed the 10" thru Weston's & 600 ft into his own property. Cordell Williams was contractor on this - as well as Randy Jones' installation earlier.

This spring the group - Dunford Weston, Carl Evans, Jan Evans, & Randy Jones - applied for & was approved ACP cost-sharing for installing 12" pipe from Weston's to the top. This leaves a section of 8" through Carl's & Jan's with no definite plans for being installed.

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Idaho Cherry Creek Upper Group
 Eric Olson 5/80 DWS 5-1-80 1980 ACP #11
 Inventory of resources 3 11

Water rights : Cherry creek divided in half at division between upper & lower groups. Upper group split has changed since previous designs due to land & water right trades. Split is now one-quarter to each of the four members. This will be done by using flow control nozzles. Best division appears to be 4 gpm per nozzle at Weston's and 6 gpm per nozzle at each of the others. To attain equal split Weston will run 50% more nozzles.

Because decision has been made by members on pipeline sizes — use 5 fps velocity limitation for maximum flow condition & number of acres to be irrigated:

<u>Pipe diam.</u>	<u>Flow at 5 fps</u>	<u>Members</u>	<u>GPM/member</u>
12"	1660	4	415
10"	1150	3	383
8"	740	2	370
6"	420	1	420

Most limiting is 8" at 740 gpm, this will supply 2 members, so use 370 gpm per individual.

Sheet 4 indicates a 6.35 gpm per acre requirement

$$\frac{370 \text{ gpm}}{6.35 \text{ gpm/acre}} = 58 \text{ Acres/member}$$

Each member has well over 58 irrigable acres.

Present ditch will be retained to utilize early run-off by surface irrigation.

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ID-ENG-40
Rev. 3
11/77

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
SPRINKLER SYSTEM DESIGN DATA

NAME Cherry Creek Irr. Co. DATE 4/80 PREPARED BY Eric Olson
SCD Porter COUNTY Bannock ENGN. JOB CLASS 17
Reviewed by DWS 5/1/80

I. INVENTORY Elevation: 5000 → 5150 ; Northern aspect.

Total Acres _____ Crop Acres _____ Climatic Area III
Water Source crack Amt. Available 1/2 of Seasonal Variation yes
Energy Source (Creek Flow) X
(Electric) (Int. Comb - Fuel) (Gravity)

II. SOILS DATA

USDA Soils Class Majority	Total Available WHC (in/ft.)					Depth To		Maximum Intake Rate in/hr.
	0-1	1-2	2-3	3-4	4-5	Inhibiting Layer (ft)	Water Table	
<u>Rexburg sil</u>	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	<u>NONE</u>	<u>NONE</u>	<u>0.8</u>

III. DETERMINATION OF WEIGHTED CONSUMPTIVE USE

Crop	Acres (A)	June	July	August
<u>Alfalfa-grass</u>	<u>1/2</u>			
<u>Grain</u>	<u>1/2</u>			

IV. WATER MANAGEMENT INFORMATION

Crop	Root Zone Depth (ft)	Total WHC (Inches)	Stress Point (%TWHC)	Max. Net Replacement (Inches)	Peak Daily C.U.	Max. Freq. @ Peak C.U. @ Max. Net.
<u>Alf-grass</u>	<u>5'</u>	<u>11.0</u>	<u>50</u>	<u>5.5</u>	<u>0.23</u>	<u>24</u>
<u>Grain</u>	<u>4'</u>	<u>8.8</u>	<u>50</u>	<u>4.4</u>	<u>0.19</u>	<u>23</u>

V. DESIGN DATA -

Based on weighted consumptive use, 65% Eff., 510 MPH winds, 0.6 Wind Factor

	Application		Peak Daily C.U. * (Weighted)	Frequency (F) (Days)	System Requirements	
	Net (D)	Gross			(Total gpm) (Q)	gpm/ac
Maximum	<u>4.4</u>	<u>6.8</u>	<u>0.21</u>	<u>21</u>		<u>6.35</u>

(1)(9.4)
 $Q = 453 A D = \text{system capacity}$
 $F H \text{ Eff.}$
(21)(23)(65%)
 $H = \text{Total operating hours/day}$
Use 23 hours

* Use controlling weighted monthly
consumptive use and determine peak
daily consumptive use from Table
XIV in Idaho Irrigation Guide.

PROFIT

NOV 6 2 2005

Idaho Eric Olson Cherry Creek Upper Group
Mainline Hydraulics 5-1-80

Stations	Length in Feet	Pipe Size & Type	Flow in gpm	Velocity in ft/sec	Friction Loss in #/100ft	Sec. Loss in Ft	Σ Head Loss in Ft	Ground Elevation in Ft	Dynamic Pressure in Ft	Static Pressure in Ft
0+00	5400	12" dia. SDR 41 (All PIP)	1488 (3.3 cfs)	4.5	4.7	25.4	25.4	5240	54.6 (3.4 psi)	101.2 (4.4 psi)
5400	2700	10" dia. SDR 41 (2.5 cfs)	1116 (3.3 cfs)	4.8	6.8	18.4	43.8	5160	54.6 (3.4 psi)	101.2 (4.4 psi)
81+00	600	SDR 41 (2.35 cfs)	1056 (2.35 cfs)	4.5	6.0	3.6	47.4	5085	107.6 (4.7 psi)	107.6 (4.7 psi)
87+00	900	8" dia. SDR 41 (2.66 cfs)	744 (2.66 cfs)	5.0	9.4	8.5	53.9	5075	109.1 (4.7 psi)	109.1 (4.7 psi)
94+00	800	8" dia. SDR 41	744	5.0	9.4	7.5	63.4	5060	116.6 (5.0 psi)	121.0 (5.2 psi)
110+00	600	SDR 41	744	5.0	9.4	5.6	69.0	5050	121.0 (5.2 psi)	131.9 (5.7 psi)
117+00	700	—	558 (2.4 cfs)	3.9	5.8	4.1	73.1	5035	131.9 (5.7 psi)	136.7 (5.9 psi)
127+00	1000	6" dia. SDR 41 (0.83 cfs)	372 (0.83 cfs)	4.4	10.2	10.2	83.3	5020	136.7 (5.9 psi)	140.6 (6.1 psi)
133+00	600	SDR 41	372	4.4	10.2	6.1	89.4	5010	140.6 (6.1 psi)	148.7 (6.4 psi)
140+00	700	SDR 41	180 (0.4 cfs)	3.0	2.7	1.9	91.3	5000	148.7 (6.4 psi)	154.0 (6.7 psi)

Elevations from USGS Quads: Maled Summit & Duncney west
Friction losses from chart 4-C Idaho Irrigation Guide
No quick closing valves to be installed in system -
Working pressure maximum = 64 psi, no velocities
over 5 fps, so 100 psi pipe OK. Static pressure = pressure rating
Pipeline will follow ditch grade.
as pipe.

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Malino
Eric Olson 3/80
Pipeline Thrust blocks Designs

Cherry Creek Upper Group
1980 ACP #11
Revised 6

$$A = 98 H D^2 \left(\sin \frac{a}{2} \right) K C$$

Where: A = Thrust block bearing area reqd
H = Max. working pressure in H.
D = Inside diam. of pipe in H.
B = Allowable bearing pressure of soil in lb/H² - use 2000 as 31H loam similar to med. clay which can be spaced.
a = deflection angle of pipe bend
K = 1.6 for installation depth of 2.5 ft.
C = 0.7 for dead ends & tees - using a = 90°, otherwise = 1

Std
430 DD
P. 283

Station 54+00 - 12"-10" tee, H = 55 ft

$$A = \frac{(98)(55)(1.0^2)}{2} \sin \frac{90^\circ}{2} (1.6)(0.7) = 2.1 H^2$$

Use 24" x 24" x 8" ground 10" tee

87+00 10"-8" reducer (after 8" installed) 10" dead end (before " "

$$A = \frac{(98)(108)(0.83^2)}{2000} \sin \frac{90^\circ}{2} (1.6)(0.7)$$

$$= 2.9 H^2 \text{ Use } 24" \times 24" \times 8" \text{ around } 10"$$

Other blocks to be installed after 8" pipe is put in.

Use same design 24" x 24" x 8" at stations 117+00, 127+00, 140+00

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PROTECTED

Idaho Cherry Creek Upper Group
 Eric Olson 5/80 DWS 5-1-80 1980 ACP #11
 Pipe Inlet Struct. Design 8 11

EFM M
 App #4
 EFM
 Ex 3-8

Data : Max. Flow = 1500 gpm = 3.3 cfs
 Pipe - 12" DIP SDR #1
 Area = 0.739 ft²

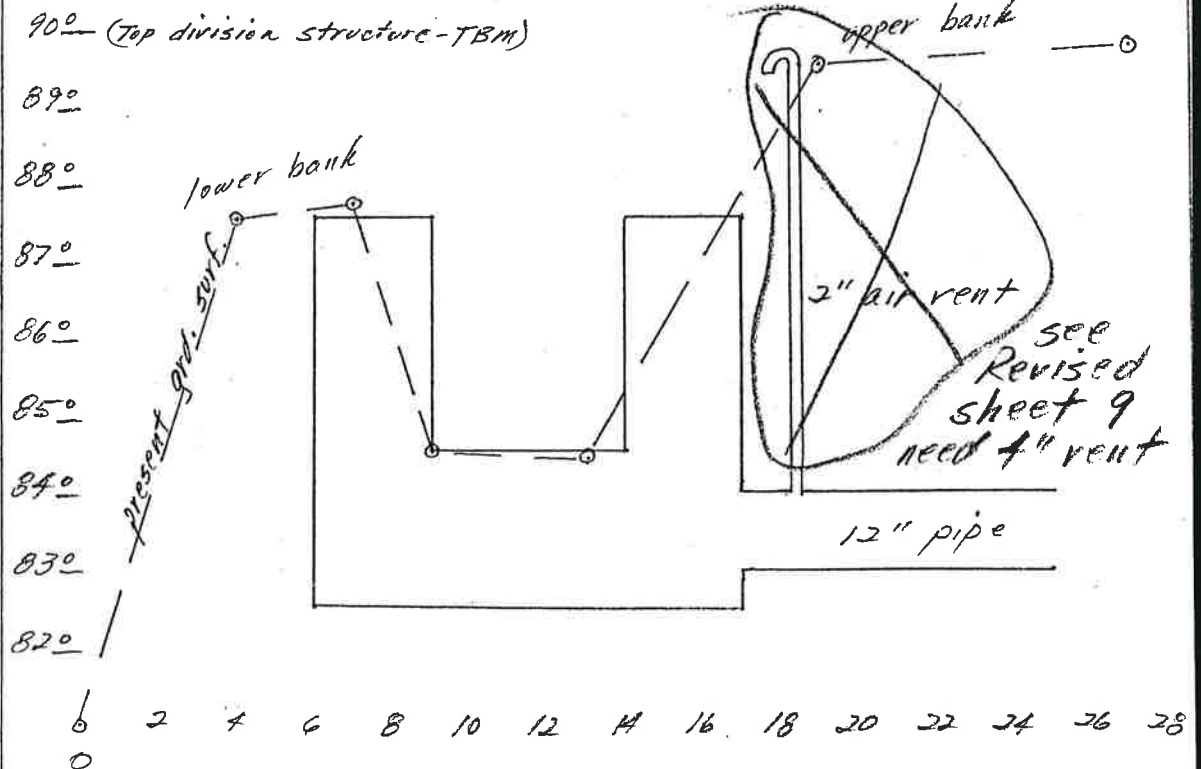
Entrance $K_c = 0.5$ for flush,
 sharp corner inlet

$$\begin{aligned} \text{Entrance head } h_{\text{ent}} &= (K_c + K_v) \left[\frac{(Q/A)^2}{2g} \right] \\ &= 1.5 \left(\frac{4.47^2}{64.4} \right) \\ &= 0.31 \text{ ft use } 6" \end{aligned}$$

Screen Area Req'd

Assume 0.5 fps thru screen &
 50% clogged - $A = Q/v (2) = 3.3 (4) = 13.2 \text{ ft}^2$
 40 # provided - OK

Inlet Layout (Cross Section Sketch)



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Idaho Cherry Creek Upper Group
 Eric Olson 5/80 OWS 5-1-50 1980 ACP #11
 Dunford Weston-on farm system design 10 11

Refer to sheet A for design data.

Nozzle spacing $S_L = 40$ ft, $S_M = 30$ ft
 Min. wetted diam = $30/0.6 = 50$ ft
 Spr. Head - Rainbird 20 L TNT
 or equivalent - $1/64"$
 4 gpm flow control, 25' psi
 wetted diam. = 55 ft.

Application rate = $\frac{96.3 (4)}{30 (40)} = 0.321$ in/hr

Application time = 23 hrs/set

Net application = $(0.321)(23)(0.65) = 4.80"$

Max. Irr. cycle = $\frac{4.8}{0.21} = 22$ days

Actual frequency = 17 days

Laterals minimum = $\frac{87 \text{ sets}}{22 \text{ days}} = 3.9$ (3" dia.)

System capacity: 93 nozzles @ 4 gpm
 = 372 gpm

Friction loss in main (steel, $\pi = 0.012$)
 Irr Guide Chart 4-b

0+00 - 8+00	- 372 gpm	- 8"	- 4.5 ft/1000'	= 2.7 ft loss
8+00 - 11+00	- 272	- 6"	- 2.5	1.2
11+00 - 16+00	- 192	- 6"	- 1.3	0.6
16+00 - 21+00	- 124	- 6"	- 2.4	1.2
21+00 - 26+00	- 76 gpm	- 6"	- 1.0	0.5
				$\Sigma = 6.2$ ft Loss

60 ft elev diff. - OK

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Idaho Cherry Creek Upper Group
Eric Olson 5/80 DWS 5-1-80 1980 ACP #11
C. Evans, J. Evans, R. Jones systems design 11 11

Refer to Sheet 4 for design data

Nozzle spacing: $5L = 40 \text{ ft}$, $5M = 60 \text{ ft}$.
Min. wetted diam.: $60 \text{ ft} / 0.6 = 100 \text{ ft}$.

Spr. Heads - Rain bird 30 EW TNT
or equivalent - "164"
6 gpm flow control
50 psi W.D. = 100 ft.

Application rate = $\frac{6.3 (6)}{40 (60)} = 0.241 \text{ in./hr}$

Time - 23 hrs. / set

Net application = $(0.241)(23)(0.65) = 3.6 \text{ "}$

Max. Irr. Cycle = $\frac{3.6}{0.21} = 17 \text{ days}$

Actual frequency: C. Evans = 17 days

J. Evans = 17 days

R. Jones = 16 days

Laterals minimum: C. Evans = $\frac{60 \text{ sets}}{17 \text{ days}} = 3.5 (4")$

(All laterals -

4" Alum hand)

J. Evans = $\frac{60 \text{ sets}}{17 \text{ days}} = 3.5 (4")$

R. Jones = $\frac{32 \text{ sets}}{17 \text{ days}} = 2.0 (4")$

System capacities (each)

62 nozzles @ 6 gpm = 372 gpm

All laterals run downhill -

Longest lateral with least drop will
be on San Evans:

38 nozz @ 6 gpm = 9 psi loss

$P_m = 50 \text{ psi} (20\%) = 10 \text{ psi}$ permissible
loss > 9 psi
OK

Rain Bird
slide.

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CHERRY CREEK IRRIGATION GROUP

Funding Request

for

EMERGENCY IRRIGATION WATER FOR CROPLAND

PURPOSE:

As a result of a drought situation, the shareholders on the Cherry Creek drainage are requesting funding for a pipeline project which will consolidate scarce water into one system. The pipeline will eliminate $3\frac{1}{2}$ miles of gravel-bottom ditch and 3 miles of soil-bottom ditch.

APPLICABILITY:

During normal seasons, Cherry Creek provides water for two main ditches. By the end of April we were forced to use only one ditch and to alternate turns. The gravel-bottom ditch loses approximately 70% from the source to the first irrigated fields. The soil-bottom ditch loses approximately 40%.

The pipeline will also eliminate reliance on seven motorized pump stations and allow all farms to benefit from a gravity irrigation system.

All shareholders have sprinkling facilities to transport water from main pipeline to cropland.

IMPLEMENTATION OF PROJECT:

Surveys, specifications, costs, and technical data have been assembled by shareholder's group and immediate commencement has been assured by the pipeline contractor. Water resources available by July could be in use on cropland.

Summary of costs, specifications, and other data follow.

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NOV 02 2005

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CHERRY CREEK GROUP

FROM: SPRINKLER SYSTEM DESIGN BY ERIC OLSON (1980)

Four members in group

372 gpm/member % Total $Q = 1488 \text{ GPM}$ (3.32 CFS)

WESTON SYSTEM: 93 Nozz. @ 4 gpm/Nozz.

$S_m = 30'$ 6 laterals (17 π , 11 π , 15 π , 21 π , 24 π , 5 π)

S_m = riser spacing
on mainline π = Nozzles

CARL EVANS SYSTEM: 62 Nozz. @ 6 gpm/Nozz.

$S_m = 60'$ 3 laterals (15 π , 8 π , 39 π)

JAN EVANS SYSTEM: 62 Nozz. @ 6 gpm/Nozz.

$S_m = 60'$ 2 laterals @ 31 π each

RANDY JONES SYSTEM: 62 Nozz. @ 6 gpm/Nozz.

$S_m = 60'$ 2 laterals (30 π & 32 π)

Summary of Mainline:

0+00: Inlet structure

start 12" dia. PVC 100 psi SDR 41 PIP $L = 5400'$

Elev. 5240' $\rightarrow$ 5160' $Q = 1488 \text{ gpm}$

54+00: Tee ... 8" steel to Weston Farm

10" dia. PVC 100 psi SDR 41 PIP to Group $L = 2700'$

Elev. 5160' $\rightarrow$ 5140' $Q = 1116 \text{ gpm}$

81+00: start of Carl Evans' system

10" dia. PVC 100 psi SDR 41 PIP $L = 600'$

Elev. 5140' $\rightarrow$ 5085' $Q = 1116 \text{ gpm}$

87+00: Reducer 10" $\rightarrow$ 8"

8" dia. PVC 100 psi SDR 41 PIP $L = 700'$

Elev. 5085' $\rightarrow$ 5075' $Q = 1056 \text{ gpm}$

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NOV 02 2005

PROJECT	Cherry Creek Irrigation Group		
DATE	5-14-77	CHECKED BY	PJN
SUBJECT	Gravity Sprinkler System		DATE
			6-22-77
		JOB NO.	
		SHEET	2 OF 5

Min Netted Dia = $60 \div 6 = 100'$
Nozzle Selection: Use Rainbird Model 360 (equal)

30 EWTNT → D. Weston = 6.35 gpm use = $13/64$ @ 27 psi
30 W → C. Evans = 4.93 gpm " = $3/16$ " @ 46 psi 98'
W.D. = 98' @ .29"/hr = 4.2" net
30 W → C. Mock = 7.20 gpm " = $3/16$ " @ 51 psi
W.D. = 100' @ .29"/hr = 4.3" net
30 W → V. Jones = 7.7 gpm " = $3/16$ " @ 59 psi
W.D. = 102'
30 W → V. Bloxham = 6.69 gpm " = $11/64$ " @ 61 psi
W.D. = 103'
30 E → R. Stewart = 4.89 gpm " = $11/64$ @ 67 psi
W.D. = 104'
30 W → E. McNeel = 7.7 gpm " = $3/16$ " @ 59 psi
W.D. = 102'

3" laterals Weston P.M. = 27 psi + 0.75 (23 psi) = 32.48 psi = 75.0 ft
4" lateral C. Evans P.M. = 46 psi + 0.75 (34 psi) = 48.55 psi = 112.2 ft
" C. Mock P.M. = 51 psi + 0.75 (50 psi) = 54.75 psi = 126.5 ft
" V. Jones P.M. = 59 psi + 0.75 (90 psi) = 65.75 psi = 151.9 ft
own main 20' drop + 20' own main line loss = 171.9 ft
" V. Bloxham = 61 psi + 0.75 (21 psi - 10 psi) = 69.25 psi = 160 ft
" R. Stewart P.M. = 67 psi + 0.75 (83 psi + 60 psi) = 77.73 psi = 179.6 ft
+ 10.0' own main loss = 189.6 ft
" E. McNeel P.M. = same as V Jones less than Stewart

All laterals meet 20% operating pressure
Except R Stewart and it = 14.3 psi $\approx$ 13.5 psi ok
Lateral losses from Rainbird calculator

STATE	Idaho	PROJECT	Cherry Creek Irrigation Group		
BY	R.E.D.	DATE	5-24-77	CHECKED BY	PJN
SUBJECT	Gravity Sprinkler System			DATE	6-22-77
				JOB NO.	Eng Class I 9 Farm Units
				SHEET	1 OF 5

Date:	Groups with Irrigated Ac.	Photo Measured Acres	GPM @ 60' w/m right
D. Weston	60	110	381.6
C. Evans	60	86	381.6
C. Mock	60	90	381.6
V. Jones	80	80	508.8
V. Bloxham	80	52	508.8
R. Stewart	40	40	254.4
Everett McNice	80	80	508.8
	460	538	2927.6 gpm

Acresage was based on 2800 gpm

$$= \frac{6.36 \text{ gpm}}{\text{acre}}$$

Id-40 = 2927 gpm required for 460 acres
Design for each to receive their allotted water

Nozzle requirement: Peak daily use 0.212"

See ID-40

$$S_m = 40' \quad S_L = 40' \quad 23 \text{ hrs} = 4.0 \text{ "Net} = 0.174"$$

Ref Sec 15
Chpt 11 sec
WEHD

$$\text{Gpm} = \frac{(40')(60')(0.174 \text{ "Net})}{96.3 (0.45 \text{ ft})} = 6.67 \text{ gpm}$$

Because of some irregular fields nozzle capacity will vary somewhat to utilize the proposed metered flow

SCANNED

NOV 02 2005

PROFILED

NOV 12 2005

SCANNED

REMOVED

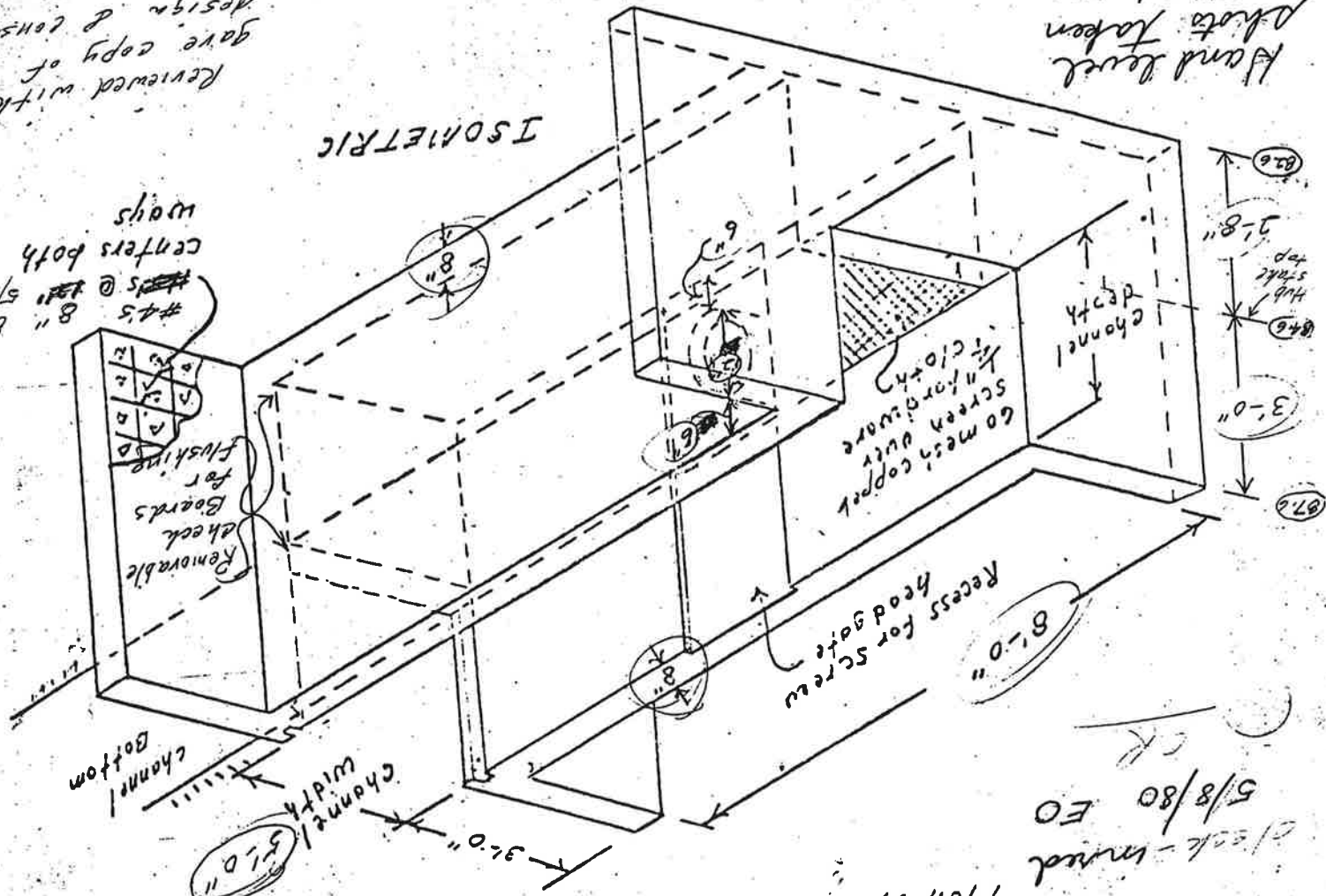
Flow Thru Intake Structure For Gravity Flow Sprinkler Systems

Hand Level
Photo Taken
to check
align - OK

Reviewed with
gave copy of
design & const.
spec 587 to
contractor - he
undersstands design
OK. EO. 5/2/80

ISOMETRIC

#4's 8" EO
centers both
ways



Plan View Screen Frame

check - inside
5/8/80 EO



Supports for screen
frame can be steel
downs or bolts
imbedded into conc.
walls. 18" center to
center. max. 4 in

Notes: Distance from top of
pipe to bottom of
screen = $\frac{1}{2} (1.5) + 0.5$
39

4" EO
5/2/80

pipeline - Inlet Design

DATE	5-1-80	REVISED	9 OF 11	SHEET
DATE	5-1-80	REVISED	9 OF 11	SHEET
DATE	5-1-80	REVISED	9 OF 11	SHEET

Cherry Creek Irrigation Group Funding Request

<u>Shareholders</u>	<u>Percentage of cost & Percentage of Water</u>	<u>Irrigated Acres *</u>	
C. Evans	11.11%	60 acres	104
V. Jones	16.67	80	160
E. McNee	16.67	80	80
C. Mock	11.11	60	160
D. Weston	11.11	60	90
R. Stewart	8.33	40	70
V. Elorham	16.67	80	300
Totals	100.00	460	904 Ac

*Acresage based on source intake of 2,600 gallons/minute and 7 gallons/minute output per sprinkler head.

Materials:

- a. Pipe
- 7,920 feet of 15inch plastic pipe (50 lb.)
 - 1,485 feet of 12inch plastic pipe (60 lb.)
 - 2,640 feet of 10inch plastic pipe (80 lb.)
 - 2,640 feet of 8inch plastic pipe (100 lb.)

Total length of pipe 14,685 feet

- b. Flow Meters 7
- c. Settling Pond, cement intake and gravel duct
- d. Joints, valves, and air release valves

Costs:

Pipe	\$57,000
Flow Meters	7,000
Valves, etc.	2,000
Pond	2,000
Installation	13,000
Total	\$80,000

Cost per Acre \$80,000 ÷ 460 acres = \$173 (figures based on land currently under irrigation)

SCANNED

NOV 02 2005

Survey Date: Nov 02, 2005
Surveying Firm: [illegible]



PROPOSED

SCANNED

NOV 02 2005

LDWR
900 N Skyline Dr
Idaho Falls, Id 83402

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 29-348G
Date Received: 3/28/1997
Receipt No: E023066
Received By:

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

RECEIVED

NOV 26 2001

Department of Water Resources
Eastern Region

1. Name of Claimant(s)

DENNIS LISH Phone: (208) 254-9375

8845 S ROBIN RD
MC CAMMON ID USA 83250

BEVERLY LISH Phone: (208)254-9375

8845 S ROBIN RD
MC CAMMON ID USA 83250

2. Date of Priority: 11/13/1888

3. Source: CHERRY CREEK Trib. to: MARSH CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4 Lot	County	Type
12S	37E	32	SE NW NE	BANNOCK	

5. Description of diverting works:

HEADGATE/ PIPELINE/ SPRINKLER AND FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or) A.F.A
IRRIGATION	04/15	10/15	2.88	
STOCKWATER	01/01	12/31	0.04	

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

8. Total consumptive use: 2.92

9. Non-irrigation uses:

10. Place of use:

PROFILED

SCANNED
NOV 02 2005

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
12S	37E	18	SE	SE	IRRIGATION	39
			NW	SE	IRRIGATION	40
			NE	SE	IRRIGATION	26
			SW	SE	IRRIGATION	39
					Section Acres	144
					Total Acres	144

11. Place of use in counties: BANNOCK

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

13. Other Water Rights Used:

14. Remarks:

P/D & P/U INCOMPLETE.
DIVERSION RATE LISTED AS "EXCLUSIVE RT. TO WATER".

15. Basis of Claim: Decreed

16. Signature(s)

Beverly A. Lish
Dennis D. Lish

PROFILED

SCANNED
NOV 02 2005

(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.

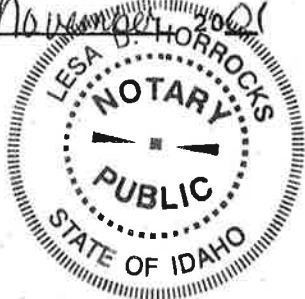
Signature of Claimant(s): Dennis D. Lish Date: 11/21/01

11/21/01 Beverly A. Lish Date: _____

State of Idaho)
County of Bannock) SS.

Subscribed and sworn (or affirmed) before me this 21st

of November 2001



Les B Horrocks
Notary Public

Residing at Pocatello

My commission Expires 9/16/2005

PROFILED

SCANNED
NOV 02 2005

RECEIVED

MAY 15 2001

CHANGE IN ADDRESS

Department of Water Resources
Eastern Region

This form is solely for purposes of notifying IDWR of a change in address of an adjudication claim.

[] Water Right Number(s): A29-003486 1297118366,
597-7838833

[] Old Mailing Address: Lish
3126 E. Woodland Rd
Downey, ID 83234-1704

[] New Mailing Address: Dennis D. Lish & Beverly A. Lish
8845 S. Robin Rd
McCammon, ID 83250

[] Telephone Number: 208-254-9375(h) 208-233-4226 (w)

[] Signature of Claimant: Beverly A Lish

[] Date: 5/9/01

FOR IDWR USE ONLY:

Initial Review and Data-Entry

Date: By:

Further Action Needed:

Further Action Taken

Date: By:

Final Review and Data-Entry

Date: By:

SCANNED

NOV 02 2005

PROFILED

MAY 16, 2001

DEAR MR. AND MRS. LISH:

WATER RIGHT NUMBERS **A29-00348G**, A29-11836 AND A29-11838
HAVE BEEN CHANGED TO REFLECT THE ADDRESS ON THE FRONT OF THIS
CARD.

IF YOU HAVE ANY QUESTIONS FEEL FREE TO CONTACT THIS OFFICE
AT 208-525-7161.

RESPECTFULLY SUBMITTED,

Cheri Vandermeulen

CHERI VANDERMEULEN
RECORDS CLERK



DENNIS D & BEVERLY A LISH
8845 S ROBIN RD
MC CAMMON ID 83250

PROFILED

SCANNED
NOV 02 2005

SCANNED

JUN 04 2001

Log for claim A29-00348G

Spatial Dynamics TWB

5/10/00

TR	SEC	QQ	Acres Claimed	Acres Found	COMMENT
12s37e	18	NESE	26	27	
12s37e	18	NWSE	40	40	
12s37e	18	SWSE	40	39	
12s37e	18	SESE	40	39	

Totals:

146

145

80 AC

list

63 nozzles

60 (less 80 AC) - Paulson

1/4 shares

Wells - 4/gal 98

3
pipeline SCS 1970

FAX 233-3997

DATE: 04/24/00
PAGE: 23

Audit: 04/03/97 ECARLSEN

16-1
UNITED STATES DEPARTMENT OF AGRICULTURE
FARMERS HOME ADMINISTRATION

QUITCLAIM DEED

95017523

The UNITED STATES OF AMERICA, acting through the Administrator of the Farmers Home Administration, United States Department of Agriculture, CONVEYS and QUITCLAIMS to

DENNIS D. LISH and BEVERLY A. LISH, husband and wife

, Grantee, for the sum of \$170,615.00

ADDRESS: 303 North Old Hwy 91
Inkom, Id. 83245

all interest in the following described real estate situated in the Counties of Oneida and Bannock

State of Idaho

, to-wit:

THE PROPERTY CONVEYED BY THIS DEED IS SUBJECT TO WETLAND CONSERVATION EASEMENTS WHICH ARE ATTACHED AS EXHIBIT B

ONEIDA COUNTY, STATE OF IDAHO

Township 14 South, Range 36 East, Boise Meridian:
Section 2: Lot 3; S $\frac{1}{4}$ NW $\frac{1}{4}$; ALSO

Commencing at the Northwest Corner of the SW $\frac{1}{4}$ of said Section 2, and running thence East 160 rods; thence South 68 rods; thence South 83°30' West 161 rods, more or less, to the point on the Section line 76 rods South of the point of beginning; thence North 76 rods to the place of beginning.

All that part of the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of said Section 2 lying South of the Deep Creek County Road running through said tract.

Commencing at the Northwest Corner of Lot 3, of said Section 2; thence South to the Southwest Corner of said Lot 3; thence West 12 chains; thence North 18°00' East 10.25 chains; thence North 27°00' East 3.00 chains; thence North 52°30' East 9 chains to the place of beginning.

EXCEPTING FROM THE ABOVE PROPERTY THE FOLLOWING: (1) Commencing at a point 689 feet South, more or less, from the West Quarter Corner of Section 2, said point being the South boundary line of the Deep Creek Road; and thence running South 63°41' East 1178 feet along said Road to the North boundary line of the Old Deep Creek Road; thence South 87°40'50" West 1056.77' along the Old Road to the Section line; thence North 565 feet to the point of beginning; (2) Existing easements and roadways and land conveyed to the State of ID by Quitclaim Deed dated March 20, 1954, found of record in Book 29 of Deeds, Page 70; Right-of-Way Deed dated May 9, 1957, found of record in Book 29 of Deeds, Page 192; Warranty Deed dated January 11, 1961, found of record in Book 29 of Deeds, Page 406; Warranty Deed dated October 31, 1972, found of record on film as Instrument No. 91054; and Right-of-Way Deed dated March 20, 1954, found of record in Book 29 of Deeds, Page 79, all records of Oneida County, ID.

Microfilm No. 122316
27 Day November 1995
At 2:20 P.M. Idaho by Patricia M. Wright
Oneida Co. Recorder
Fee \$ 48.00 Deputy
Recorded at Request of E. J. Austin

THE PROPERTY DESCRIPTION IS CONTINUED AS EXHIBIT A

FmHA 1955-49 (Rev. 10-28-81)

122-16

This deed is executed and delivered pursuant to the provisions of

16-2

authority set forth in 7 CFR 1900, Subpart A.

95017523

No member of Congress shall be admitted to any share or part of this deed or to any benefit that may arise therefrom.

Dated October 31, , 19 95 .

UNITED STATES OF AMERICA (Grantor)

By Bruce L. Bradshaw
Acting State Executive Director, Farm Service Agency
(formerly Farmers Home Administration)
United States Department of Agriculture

In the presence of:

*

*

NO. 95017523
REC. FIRST OF
FIRST AMERICAN TITLE
'95 NOV 22 PM 46

ACKNOWLEDGMENT

State of Idaho
County of Ada

NO. 457
JAN 10 1996
OFF. OF
E. L. 00
Jc

On this 31st day of October, before me, the undersigned, a Notary Public in and for said State, personally appeared Bruce L. Bradshaw, known to me to be the Acting State Executive Director, Farm Service Agency, USDA, and person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

In WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal on the day and year last above mentioned.

NOTARY SEAL

Lynn R. Ineck
Lynn R. Ineck
Notary Public in and for
State of Idaho
Residing in Nampa, ID
My Bond Expires 2-7-98

BANNOCK COUNTY, STATE OF IDAHO

95017523

Cherry Creek

SE1/4 Section 18, Township 12 South, Range 37 E.B.M. SE1/4SW1/4, Lots *our well*
 1 and 2, E1/2NW1/4 Section 7, Township 12 South, Range 37 E.B.M. Tax
 3, 4 and 13, Section 5, Township 12 South, Range 37 E.B.M., more
 particularly described as follows:

Tax 4: Beginning at Southeast corner of Northeast quarter of the Southwest quarter of Section 5, in Township 12 South of Range 37 East of the Boise Meridian; thence running North 1092.50 feet along East boundary of Northeast quarter of Southwest quarter of Section 5, same township and range, to stake; thence North 71° West 1400 feet to stake; thence South 300 feet along East boundaries of Southwest quarter of Northwest quarter and Northwest quarter of Southwest quarter of Section 5, same township and range, to stake; thence South 74° East 1263 feet to stake; thence South 18° West 946.75 feet; thence East 402 feet along South boundary of Northeast quarter of Southwest quarter of Section 5, Township 12 South, Range 37 East of the Boise Meridian to place of beginning. Such described tract lying in SE1/4NW1/4 and NE1/4SW1/4 of Section 5, Township 12 South, Range 37 East of the Boise Meridian, Bannock County, Idaho.

Tax 3: Beginning at the Southwest corner of the Northwest quarter of the Southeast quarter of Section 5, Township 12 South, Range 37 East of the Boise Meridian; thence running West 402 feet along the North boundary of the Southeast quarter of the Southwest quarter of Section 5, same township and range, to a stake; thence South 18° West 667.50 feet to a stake in the center of the county road; thence South 76° East 793.5 feet along the center of the county road to a stake; thence North 16° East 1500 feet along the East side of the county road to a stake on the left bank of Marsh Creek, thence with meanders along said bank of Marsh Creek viz. North 14-3/4° West 100 feet, North 50° East 81 feet, North 81° East 53 feet, North 43° East 78-1/2 feet, North 26° West 130 feet, North 74° West 193 feet, North 37-1/4° East 105 feet, North 61-1/2° West 174 feet, South 87° West 106 feet, North 62-3/4° West 149 feet, South 45-3/4° West 100 feet, South 82° West 85 feet to a stake on the left bank of Marsh Creek; thence South 1158-1/2 feet along the West boundary of the NW1/4 of SE1/4 of Section 5, Township 12 South, Range 37 East of the Boise Meridian to the place of beginning; such described tract lying in the SE1/4 of SW1/4 and the W1/2 of SE1/4 of Section 5, Township 12 South, Range 37 East of the Boise Meridian, Bannock County, Idaho.

Tax 13: Beginning at the Southwest corner of Section 5, Township 12 South, Range 37 East of the Boise Meridian, thence North along the West line of said Section 5 to the South 1/16 corner on the West line of said Section 5, thence North 26°00' East 1174.0 feet, thence North 38°45' West 646.0 feet, thence North 28°00' East, 350.00 feet, thence South 67°00' East, 425.0 feet, thence North 27°30' East, 96.66 feet, thence South 68°45' East, 659.33 feet to intersect the West 1/16 line of said Section 5, thence South along said West 1/16 line 300.0 feet to intersect the North line of the Thomas M. Barnes property, thence North 74°00' West, 714.0 feet, thence South 4°15' East 2773.0 feet to intersect the South line of said Section 5, at a point that is Westerly 481.0 feet from the West 1/16 corner on the South line of said Section 5, thence Westerly along said South line of Section 5, 839 feet, more or less, to the point of beginning.

Section 6: SE1/4SW1/4; S1/2SE1/4 Township 12 South,
 Range 37 EAST, Boise Meridian, Bannock County Idaho
 Together with any and all tenements, hereditaments, and appurtenances
 thereunto belonging or used in connection therewith.

Together with all water and water rights used upon or appurtenant to
 said lands, and however evidenced, and particularly Permit No.
 29-7083, issued by the Water Resources Department of the State of
 Idaho.

*N side
 our well
 #29-7083*

JUN 04 2001

50⁰⁰
4
144
198

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: **A29-00348G**
Date Received: 4/18/1990
Receipt No: E023066
Received By: EMC

8845 South Robin Rd
McCammon 83250

144"

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

1. Name:	DENNIS LISH	208-897-5394
Address:	3126 E WOODLAND RD	
	DOWNEY ID	83234-1704
OR		
Name:	BEVERLY LISH	208-897-5394
Address:	3126 E WOODLAND RD	
	DOWNEY ID	83234-1704

A2900348G

2. Date of Priority: NOV 13, 1888

3. Source: CHERRY CREEK Trib. to: MARSH CREEK

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
12S	37E	32	SE	NW	NE		BANNOCK

5. Description of diverting works:
HEADGATE/ PIPELINE/ SPRINKLER AND FLOOD IRRIGATION

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	04/15	10/15	1.200		
STOCKWATER	01/01	12/31	0.040		

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

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:
STOCKWATER, 50 RANGE

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
12S	37E	18	NE	SE		IRR	26.0
			NW	SE		IRR	40.0
			SW	SE		IRR	39.0
			SE	SE		IRR	39.0

Section Acres 144.0

Total Acres 144.0

11. Place of use in counties: BANNOCK

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

13. Other Water Rights Used:
NONE

14. Remarks:
P/D & P/U INCOMPLETE.
DIVERSION RATE LISTED AS "EXCLUSIVE RT. TO WATER".

15. Basis of Claim: DECREED

Case Number:

Court :

Decree date: / /

J. W. MORGAN

Decree Plaintiff

CHAS. R. EVANS

vs Decree Defendant

16. Signature(s)

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

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Dennis Lish Date: 3-28-97

Date: _____

State of Idaho)
County of Bonneville) SS.

Subscribed and sworn (or affirmed) before me this 28 day
of March 19 97 Ernest Carlson
Notary Public



Residing at Alto Falls
My Commission Expires 6-14-2000

A. AJ CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	TWP. RGE.	SEC.	1/4	1/4	1/4	LOT	POD FLAG	COUNTY	DIVERSION NAME	DIVERSION NUMBER
A29-00348G	12S 37E	32	SE	NW	NE			BANNOCK		

OTHER AJ CLAIMS WITH SAME AJ POD
A PREFIX R PREFIX
A29-00348C NONE
A29-00348D
A29-00348E

WR RECORDS IN SAME 40 ACRE TRACT
29-04232

SOURCE: CHERRY CREEK

TRIB: MARSH CREEK

B. WR POINT OF DIVERSION AND SOURCE:

2900348 THERE IS NO POD ASSOCIATED WITH THIS WATER RIGHT NUMBER

SOURCE: CHERRY CREEK

TRIB:

C. IS THE CLAIMED POD WITHIN THE SAME 40 ACRE TRACT THAT IS DESCRIBED IN THE WATER RIGHT FILE? N/A() Y() N()

* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN POD, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

D. CAN THE CLAIMED POD BE VERIFIED USING THE WATER RIGHT FILE OR GPS DATA? N/A() Y() N()

E. SHOULD THE CLAIMED POD BE VERIFIED BY FIELD EXAM? Y() N()

F. IS THE CLAIMED SOURCE THE SAME AS DESCRIBED IN THE WATER RIGHT FILE? N/A() Y() N()

* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN SOURCE, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

G. CAN THE CLAIMED SOURCE BE VERIFIED USING THE WATER RIGHT FILE? Y() N()

H. SHOULD THE CLAIMED SOURCE BE VERIFIED BY FIELD EXAM? Y() N()

I. HOW WAS THE POD AND SOURCE VERIFIED?

LICENSING FIELD EXAM (DATE OF FIELD EXAM) Y() N()

AJ FIELD EXAM (DATE OF FIELD EXAM) NAME OF EXAMINER Y() N()

OTHER (DESCRIBE IN NOTES BELOW)

NOTES: _____

=====

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE: CHECK HERE IF RECOMMENDED AS CLAIMED (___)

TWP. 12S	RGE. 37E	SEC. 32	1/4 SE	1/4 NW	1/4 NE	LOT	POD FLAG	COUNTY BANNOCK	DIVERSION NAME	DIVERSION NBR
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

SOURCE: _____ TRIB: _____

REVIEWED BY: _____ DATE: _____

=====

SYSTEM DESCRIPTION: DESCRIBED BELOW (___), SEE LICENSE FILE (___), OR SEE ATTACHMENT (___)

A. ROOT WATER RIGHT NUMBERS: A29-00348A
A29-00348B
A29-00348C
A29-00348D
A29-00348E
A29-00348F
A29-00348G

B. POU LISTING

TWP	RNG	SEC	1/4	1/4	LOT	NAME	AJ #/ACRES	WR #/ACRES	LANDSAT DATA	FIELD EXAM.	RECOMM. ACRES
12S	37E	18	NE	SE		LISH, DENNIS	A29-00348G / 26.0	- /	34.0		
12S	37E	18	NW	SE		LISH, DENNIS	A29-00348G / 40.0	- /	37.0		
12S	37E	18	SW	SE		LISH, DENNIS	A29-00348G / 39.0	- /	35.0		
12S	37E	18	SE	SE		LISH, DENNIS	A29-00348G / 39.0	- /	37.0		

ADDITIONAL POU FOUND

TOTAL ACRES	A29-00348G	144.00	143.00
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POU COUNTY: BANNOCK

C. IS WATER USAGE FOUND IN TRACTS OTHER THAN THOSE CLAIMED?

Y() N()

* IF YES, ARE THESE TRACTS LISTED ABOVE (), OR ARE THEY LISTED ON AN ATTACHED SHEET ()

LIST OF ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE

NO CLAIMS FOUND WITH SAME POU AND IRRIGATION USAGE

NO RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION

D. ARE OTHER WATER RIGHTS USED FOR THE SAME PURPOSE?

Y() N()

* IF YES, COMPLETE OVERLAP REVIEW:

OTHER RIGHTS LISTED IN CLAIM: NONE

E. IS THE CLAIMED POU THE SAME AS DESCRIBED IN THE WATER RIGHT FILE?

N/A() Y() N()

* IF NO, AND IF THE CHANGE IS VERIFIED AS AN ACCOMPLISHED CHANGE IN POU, DESCRIBE THE INJURY ANALYSIS PERFORMED AND ENTER FLAG "C" WITH THE APPROPRIATE EXPLANATORY CODE.

F. CAN THE CLAIMED POU BE VERIFIED USING THE WATER RIGHT FILE AND AVAILABLE AERIAL PHOTOS?

N/A() Y() N()

G. SHOULD THE CLAIMED POU BE VERIFIED BY FIELD EXAM?

Y() N()

H. IS THERE ANY INDICATION THAT THERE HAS BEEN A FIVE YEAR PERIOD OF CONTINUOUS NONUSE OF THIS RIGHT, OR ANY PORTION OF THIS RIGHT?

Y() N()

A. CHECK ONLY THE FOLLOWING THAT APPLY:

	ACCEPTED AS CLAIMED	NEEDS REVIEW
OWNERSHIP _____	()	()
FORFEIT/ABANDON _____	()	()
ADDITIONAL DIV. AMOUNT _____	()	()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 29-00348

TOTAL DIVERSION RATE OF WR SPLITS	DATABASE	EXAMINER	CFS
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SPLITS:

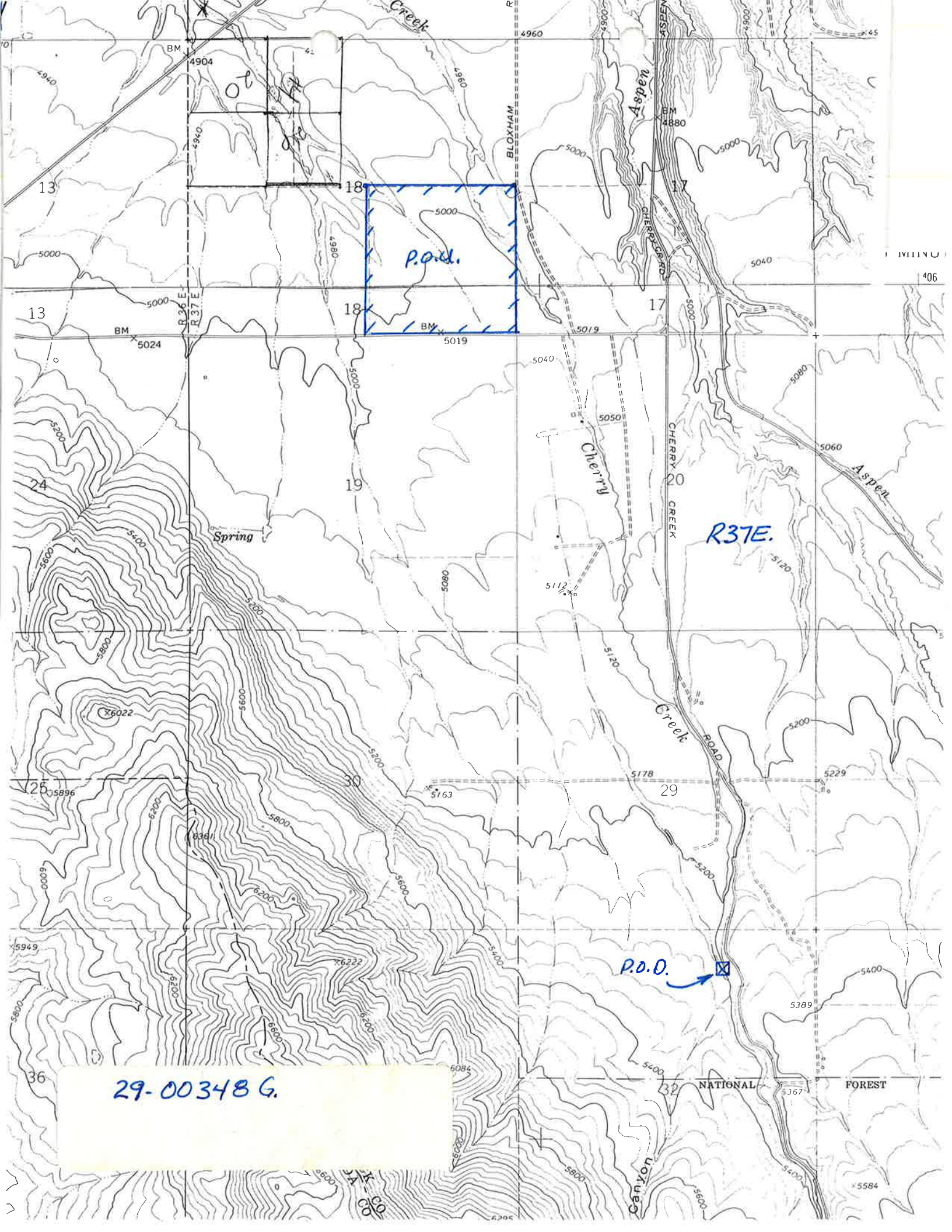
OLD RIGHT NUMBERS	CURRENT CLAIM NUMBERS	DIVERSION RATE	CURRENT "R" CLAIM NUM.	"R" DIV. RATE	WR RIGHT NUMBERS	DIVERSION RATE
29-00348	A29-00348A	3.800	-		29-00348	
A29-00348	A29-00348B	0.680	-		-	
-	A29-00348C	2.900	-		-	
-	A29-00348D	2.900	-		-	
-	A29-00348E	3.380	-		-	
-	A29-00348F	1.200	-		-	
-	A29-00348G	1.200	-		-	
TOTAL CFS		16.060				

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 DESCRIBED BELOW () OR SEE ATTACHMENT ()?

DATABASE	FIELD EXAMINER
N	Y() N()

NOTES:



P.O.D.

R37E.

29-00348 G.

P.O.D.