

Idaho Department of Water Resources

**T04N, R01E,
S13**

Claim No: 63-10599
Prepared By: Kimberly Brown
Date: June 10, 2004

- Point of Diversion
- Place of Use
- Section Lines
- 1/4 1/4

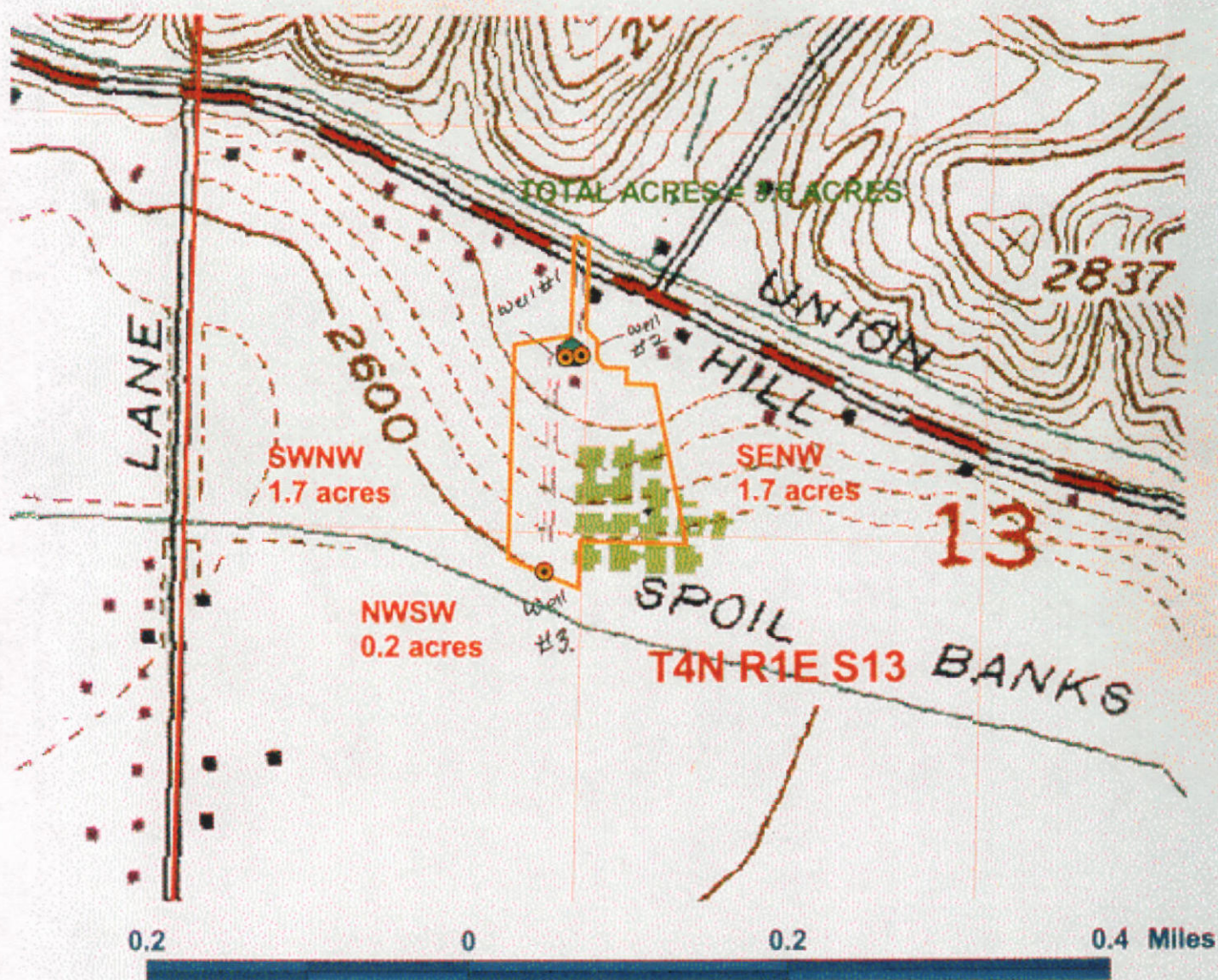
Acres Irrigated = 3.6



1987 NAPP



PLACE OF USE PERMIT 63-10599 BY DAN NELSON



- Wells
- ⬠ Pump house
- ⬠ Place of Use Boundary
- ⬠ Section lines
- ⬠ 1/4 1/4 Lines



63-10599

ACRE DETERMINATION

3.6 TOTAL ACRES IRRIGATED

PERMIT 63-10599

BY DAN NELSON



- Wells
- ◆ Pump house
- Yard Boundaries
- Place of Use Boundary
- Section lines
- 1/4 1/4 Lines



63-10599

SYSTEM DIAGRAM

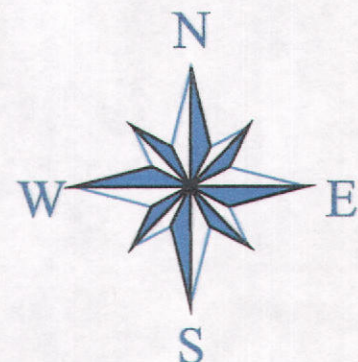
PERMIT 63-10599

BY DAN NELSON



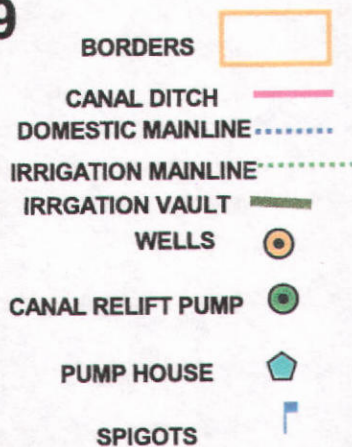
0.1 0 0.1 0.2 Miles

-  Wells
-  Pump house
-  Main lines
-  Place of Use Boundary
-  Section lines
-  1/4 1/4 Lines

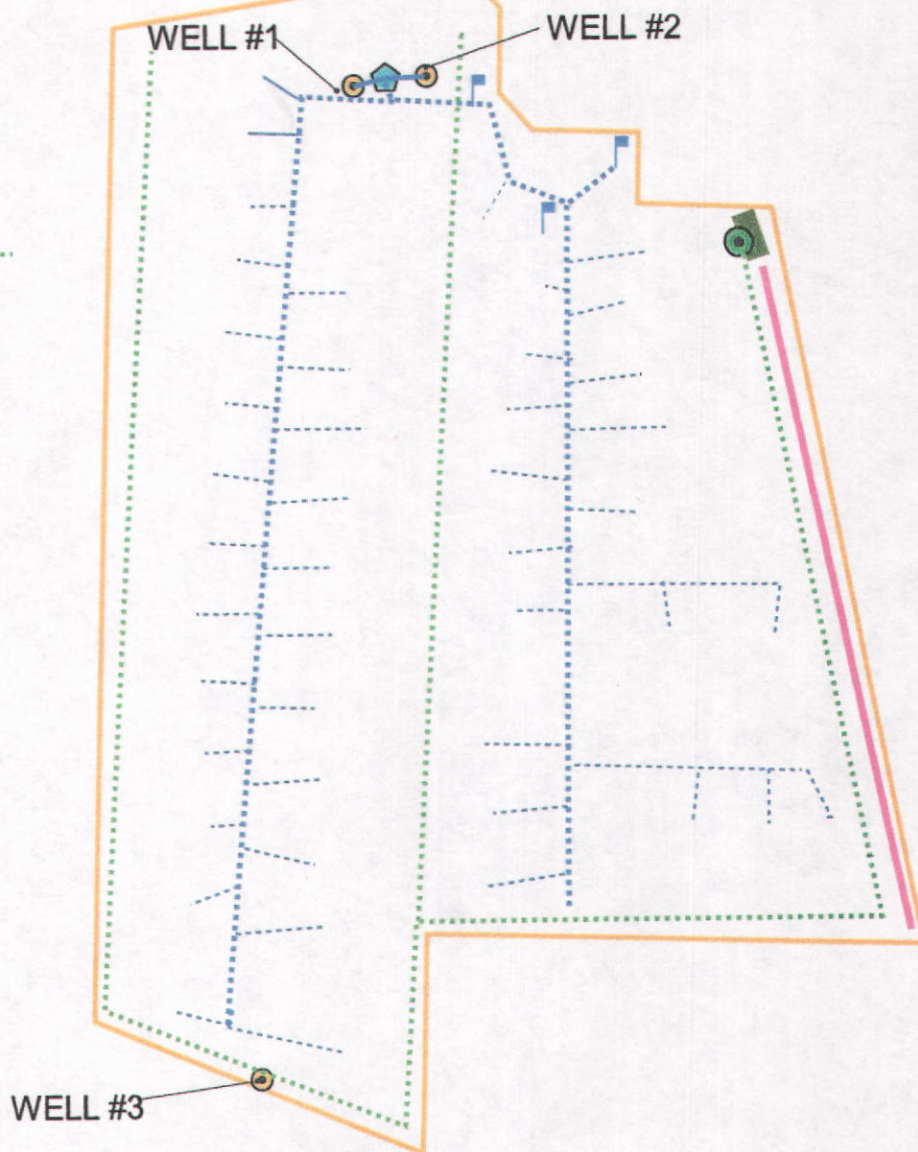


SYSTEM DIAGRAM

63-10599



The water from the canal is diverted out of the irrigation vault into the irrigation mainline by the relift pump. Well #3 diverts directly into the irrigation mainline. Well #1 and #2 divert into a pressure tank in the pump house and is distributed to each house through the domestic mainline. Each trailer can irrigate out of this mainline. There are three spigots that irrigate the pool area and common areas (there are more spigots in the park, these are only the main irrigation spigots). The eastern most spigot can run a hose to the vault for added irrigation if needed.





View of well casing. Pump is
submersed; this ^{leads} to the domestic well
for the entire system. Water is
pumped from this point into a pressure
tank. Well is located on the north
of the property.

PHOTO ONE-



View of Pressure tank. This
is the domestic pressure tank.
Lines from this pressure tank
go to each domestic.

well #1
is on
other
side of well
house.



View to the south of
the trailer park.

PHOTO ~~FIVE~~ THREE

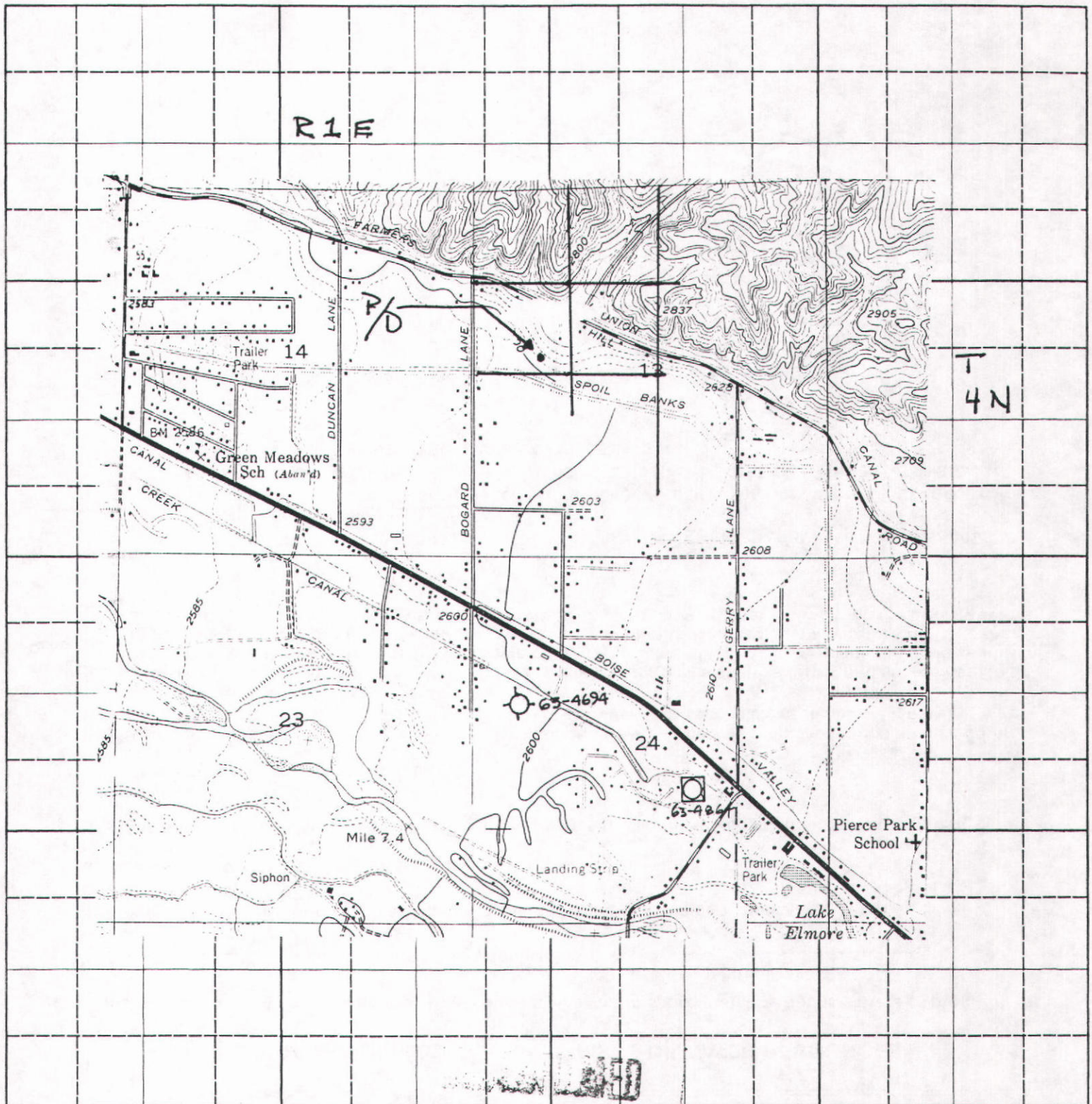


View of the irrigation system.

THERE IS ONE SPIGOT IN EACH YARD
FROM THE ^{PUMP/MAIN} WELL. LAWNS ARE
IRRIGATED, AS IN THE PICT, BY
SPIGOTS - HOSES - RAINBIEDE.

PHOTO ~~SIX~~ FOUR

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

SEP 30 1988

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

[Signature]
(Applicant)

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: A63-10599

Date Received: 5/15/1989

Receipt No: 0007792

Received By: 28 6/26/89

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: VEDA ANDERSON 208-853-2555
Address: 8298 CASA REAL LN.
BOISE, ID 83703-0000

AND/OR

Name: CLARK B. ANDERSON 208-853-2555
Address: 8298 CASA REAL LN.
BOISE, ID 83703-0000

2. Date of Priority: MAR 25, 1988

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4	Lot	County
04N	01E	13	SW	NW			ADA

5. Description of diverting works:
WELL, PUMP AND PIPELINE.

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	03/15	11/15	0.200		
DOMESTIC	01/01	12/31	0.200		

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

8. Total consumptive use is 35.0 Acre Feet Per Annum.

9. Non-irrigation uses:
DOMESTIC 46 UNITS.

10. Place of Use:

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres
04N	01E	13	SW	NW		IRR	5.0
			SE	NW		IRR	5.0
						Section Acres	10.0
						Total Acres	10.0

11. Place of use in counties: ADA

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

13. Other Water Rights Used:

BOISE VALLEY & FARMERS UNION CANALS & 63-09742 FOR DOMESTIC.

14. Remarks:

15. Basis of Claim: PERMIT

(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.

AUG 24 1992

05/31/2005
RECEIVED

NOTICE OF ERROR
REPLY

JUN 16 2005

WATER RESOURCES
WESTERN 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: July 15, 2005

Water right number: 63-10599

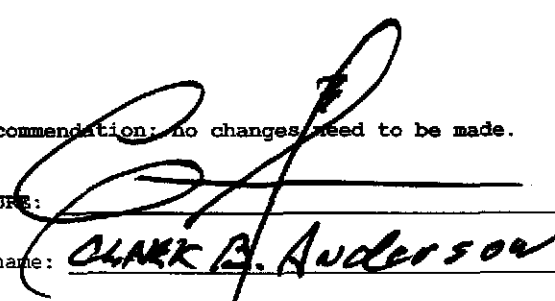
VEDA R ANDERSON
8298 CASA REAL LN
BOISE ID 83703
Telephone Number: (208)853-2555

CLARK B ANDERSON
8298 CASA REAL LN
BOISE ID 83703
Telephone Number: (208)343-0123

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: 6/16/2005

SIGNATURE: 

Please print your name: CLARK B. Anderson

IDWR Regional Office, 2735 Airport Wy, Boise, ID 83705, 2083342190

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

RIGHT NUMBER: 63-10599

NAME AND ADDRESS: VEDA R ANDERSON
8298 CASA REAL LN
BOISE ID 83703

CLARK B ANDERSON
8298 CASA REAL LN
BOISE ID 83703

SOURCE: GROUND WATER

TRIBUTARY:

QUANTITY: 0.110 CFS
16.200 AFY

USE OF THIS RIGHT WITH RIGHT NO. 63-09742 IS LIMITED TO A TOTAL
COMBINED DIVERSION RATE OF 0.39 CFS.

PRIORITY DATE: 03/25/1988

POINT OF DIVERSION:

T04N R01E S13 SWNW Within ADA County

T04N R01E S13 SWNW Within ADA County

T04N R01E S13 NWSW Within ADA County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

IRRIGATION

PERIOD OF USE

03/01 11/15

QUANTITY

0.110 CFS
16.20 AFY

PLACE OF USE:

IRRIGATION Within ADA County

T04N R01E S13 SWNW 1.7

T04N R01E S13 SENW 1.7

T04N R01E S13 NWSE 0.2

3.6 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: License

Use of this right is combined with water from Boise Valley Irrigation Ditch Co.

Use of this right is combined with water from Farmers Union Ditch Company Ltd.

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 63-10599 V1

WATER RIGHT NUMBER: 63-10599 V1

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	VEDA R ANDERSON 8298 CASA REAL LN BOISE, ID 83703 (208)853-2555
Current Owner	CLARK B ANDERSON 8298 CASA REAL LN BOISE, ID 83703 (208)343-0123

Priority Date: 03/25/1988

Basis: License

Status: Active

<u>Source</u>	<u>Tributary</u>
---------------	------------------

GROUND WATER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	03/01 to 11/15	0.110 CFS	16.20 AF
	<u>Total Diversion:</u>	0.110 CFS	16.20 AF

Location of Point(s) of Diversion

GROUND WATER	SW1/4NW1/4	Sec. 13, Twp 04N, Rge 01E, B.M.
ADA County		
GROUND WATER	SW1/4NW1/4	Sec. 13, Twp 04N, Rge 01E, B.M.
ADA County		
GROUND WATER	NW1/4SW1/4	Sec. 13, Twp 04N, Rge 01E, B.M.
ADA County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	01E	13							1.7	1.7							.2		3.6

Total Acres: 3.6

Conditions of Approval:

1. C18 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.
2. W44 Use of this right is combined with water from Boise Valley Irrigation Ditch Co.
3. W49 Use of this right is combined with water from Farmers Union Ditch Company Ltd.

IDAHO DEPARTMENT OF WATER RESOURCES
Adjudication Recommendation Report 63-10599 V1

Remarks:

1. Quantity USE OF THIS RIGHT WITH RIGHT NO. 63-09742 IS LIMITED TO A TOTAL COMBINED
DIVERSION RATE OF 0.39 CFS.

Comments:

1. kbrown 6/11/2004 Parcel Number

Comment: PARCEL NO: S0513234160, PLACE OF USE ALSO KNOWN AS CASA REAL MOBILE HOME COURT (46 MOBILE HOME UNITS).

2. kbrown 6/11/2004 Points of Diversion

Comment: Right 63-09742 is also diverted through the 2 points of diversion located in the SWNW, S13, T04N, R01E.

Idaho Department of Water Resources

**T04N, R01E,
S13**

Claim No: 63-10599
Prepared By: Kimberly Brown
Date: June 10, 2004

● Point of Diversion



Place of Use

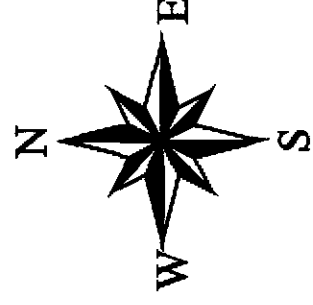


Section Lines

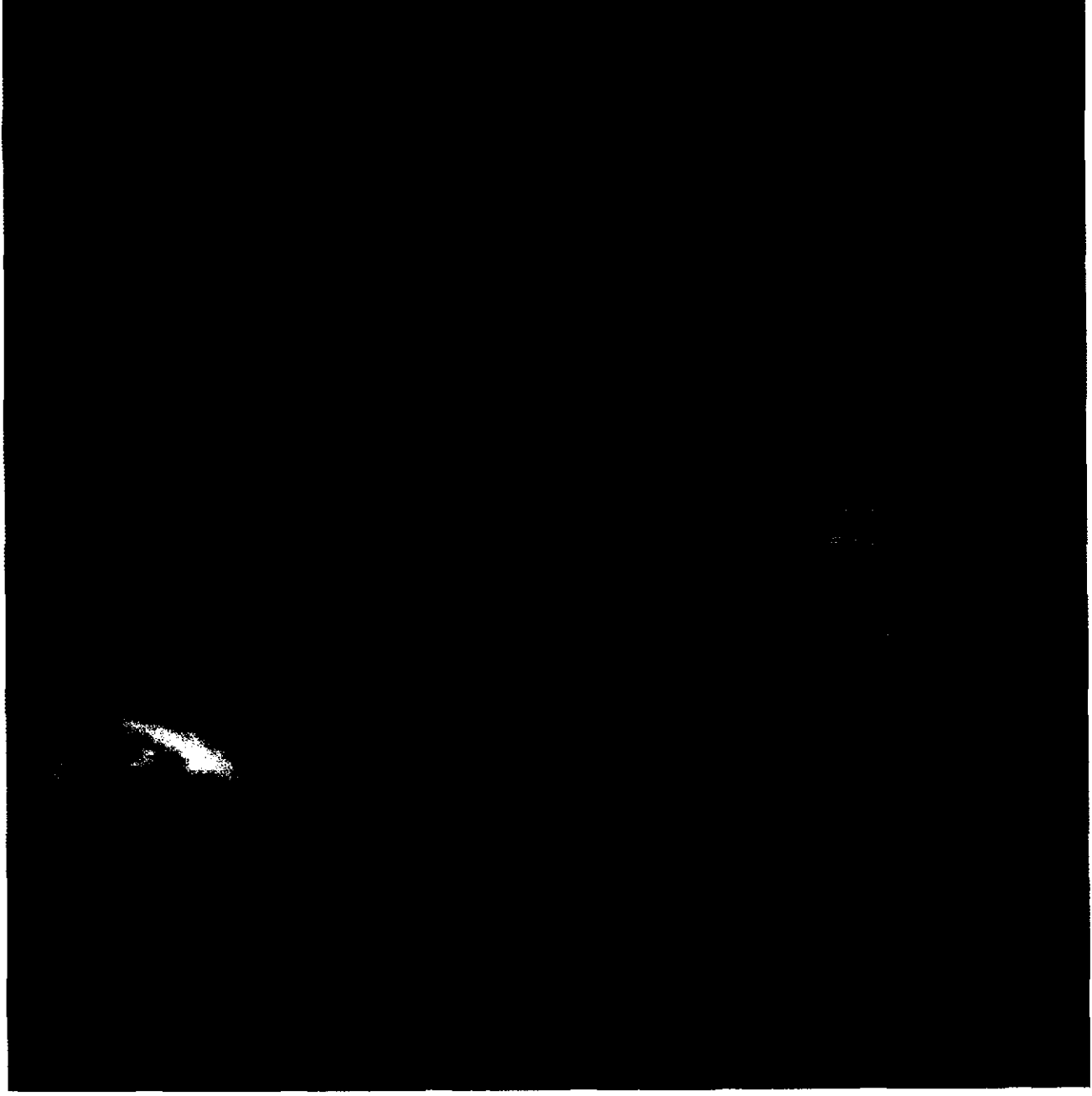


1/4 1/4

Acres Irrigated = 3.6



1987 NAPP



IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Claim Report 63-10599

WATER RIGHT NUMBER: 63-10599 ✓

Owner Type Name and Address
 Current Owner VEDA R ANDERSON ✓
 8298 CASA REAL LN
 BOISE, ID 83703
 (208)853-2555
 Current Owner CLARK B ANDERSON ✓
 8298 CASA REAL LN
 BOISE, ID 83703
 (208)343-0123

Priority Date: 03/25/1988 ✓

Basis: ~~Permit~~ License

Status: Active

Source Tributary
 GROUND WATER ✓

Beneficial Use From To Diversion Rate Annual Volume
~~DOMESTIC~~ ~~1/01 to 12/31~~ ~~0.200 cfs~~ (covered under 63-9742)
 IRRIGATION ✓ 3/15 to 11/15 0.11 cfs 16.2 AF
 Change to Total Diversion: 0.11 cfs 16.2 AFA
 3/01

Location of Point(s) of Diversion

GROUND WATER ✓ SW 1/4 NW 1/4 Sec. 13, Twp 04N, Rge 01E, B.M.
 ADA County ✓ NW SW S 13 "
 SW NW S 13 "

Place of Use

IRRIGATION

Twp	Rge	Sec	NE	NW	SW	SE	Totals
04N	01E	13	NE	NW	SW	SE	
				5.0	5.0		10.0
				1.7	1.7		3.6

Total Acres: 10 3.6

DOMESTIC same as IRRIGATIONConditions of Approval:

- 026 Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
- 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

Remarks: ADD W49 - Use combined with Farmers UnionComments: ADD W44 - Use combined with Boise Valley~~ADD 804 Season of use is 3/1 to 11/15.~~

ADD E01 - Rights 63-09742 and 63-10599 when combined shall not exceed a total diversion rate of 0.39 cfs.

Field Exam Date 6.10.04

(in office)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION FIELD REPORT

Prior to Field Exam

- ☒ Copy of Claim, claim has been signed, sealed, and dated by notary?
- ☒ Check fees paid \$ 80.⁰⁰
- ☐ Well logs (if needed) N/A
- ☒ Copy of topo or NAPP
- ☒ Check of Govt. Lots, if needed, Govt. Plat/Tax lot information None
- ☒ Check POD & POU overlap, see below - include overlapping right for exam *63-9742
- ☐ Evidence of Priority - if none, talk with claimant N/A

CLAIMANT INFORMATION - verify contact information is complete

Claim No(s) 63-10599

Owner: Veda & Clark Anderson Phone No. (208) 853-2555

Current Address: 8298 Casa Real Lane Boise 83703

- ☒ No change NAME IS THE SAME
- ☐ NEW OWNER
- ☒ No change Address
- ☐ NEW ADDRESS
- ☐ How long owned property?

Accompanied by: N/A

PRIORITY DATE

- ☒ No change - Complete evidence submitted or not necessary
- ☐ Incomplete - Claimant should be asked when water was first used and submit proof of date.
- ☐ Priority date is acceptable/within mandatory filing dates?

Priority date, per claimant, is: 3/25/1988

(If priority date, based on your exam, seems questionable, explain below.)

Source: _____ Tributary to _____

- ☒ No Change - SAME SOURCE
- ☐ Source found is different than claimed: _____

POINT OF DIVERSION

- ☐ No change
- ☒ POD found is different than claimed: See B/u Field Report (1/8/2003)
- ☐ If different, when did POD change? _____

DIVERSION AND DELIVERY SYSTEM

Points of Diversion:

ID #	Govt Lot #	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks GPS ID
			NW	SW	13	04N	01E	Ada	
			SW	NW	13	04N	01E	Ada	

Description of diverting works

Refer to IDWR Field Exam

OVERLAP REVIEW

Other water rights with the same point of diversion: 63-9742

Does overlap add acres or uses to existing system, increase rate of flow or volume, or other? Explain:

When combined with 63-9742, these two rights shall not exceed a total diversion rate of 0.39 cfs; the capacity of the system.

WATER USES

☐ No change

☐ Different Uses

Season of use is (3/1) to 11/15.

Use Irrigation From 3/1 To Amount 0.11 CFS 16.2 AFA

Use From To Amount CFS AFA

Use From To Amount CFS AFA

$0.11 \text{ cfs} \times 1.9835 \times 260 \text{ days} = 56.73 \text{ AF}$ (v) $3.6 \text{ ACRES} \times 4.5 \text{ af/annum} =$

TOTAL VOLUME - Groundwater only

☒ Incomplete on claim, the total is, Amount CFS 16.2 AFA

☒ Changes found, the new total is, Amount 0.11 CFS AFA

☒ More than 1" per Acre? Yes (claimant must complete excess flow sheet)

Less than 5 acres of irrigation - can recommend 1.03/Ac

NON-IRRIGATION USES:

Remove claimed domestic portion → covered by 63-9742.

☐ No change

☒ Changes Exam found: Domestic # of homes Stock #

Types Additional comments:

PLACE OF USE:

☐ No Change

☒ Changes shown below: Based on Beneficial Use Field Exam findings:

Use of this right is combined with water from
Farmers Union.

Use is combined with water from Boise Valley.

Rights 63-09742 and 63-10599 when combined
shall not exceed a total diversion rate of 0.39 cfs.

Parcel No: S0513234160, Place of use also
known Casa Real Mobile Home Court,
46 units

AFTER EXAM THE FILE SHOULD CONTAIN:

- ☒ Completed claim checklist
- ☒ Photographs of POD's and POU
- ☐ GPS readings
- ☒ Completed map and or GIS layout showing POD's and POU

DATE EXAM CONDUCTED: 6.10.04 (in office)

FIELD EXAMINER: Kimberly Brown

ReceiptID	Amount	BasinNumber	SequenceNum	SplitSuffix	Type
C007792	80.00	63	10599		Claim
C007792	82.00	63	9742		Claim

Ron

MEMORANDUM

TO: Steve Lester, Dan Nelson, Lori Graves, and Jan Shurte

FROM: Kay Walker *KW*

RE: Exam for 63-10599

Date: December 30, 2002

RECEIVED

DEC 31 2002

WATER RESOURCES
WESTERN REGION

FYI
😊

.....

I had pulled file 63-10599 because it is in Part 2 of B63 in SRBA. There is no field exam in the file and I was wondering if you might put it on the top of your list for exams to be done this coming spring. I haven't heard when Part 2 will be submitted to court but we should try to include the license for this permit if we can get the field exam done. Proof was made in April of 1990 so a claim wasn't required but was filed anyway.

If you need more information regarding this permit, let me know. Thanks! Kay

JAN - I
assigned this
exam to DAN
for completion
asap. -gz 1/4/31

State of Idaho
Department of Water Resources
Water Right License

WATER RIGHT NO. 63-10599

RECEIVED

FEB 26 2003

WATER RESOURCES
WESTERN REGION

Priority: March 25, 1988

Maximum Diversion Rate: 0.11 CFS

It is hereby certified that CLARK B ANDERSON And/Or VEDA R ANDERSON
8298 CASA REAL LN
BOISE ID 83703 have complied with the terms and
conditions of the permit, issued pursuant to Application for Permit dated March 25, 1988; and have
submitted Proof of Beneficial Use on April 24, 1990. An examination indicates that the works have a
diversion capacity of 0.39 cfs of water from:

SOURCE

GROUND WATER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
IRRIGATION	03/01 to 11/15	0.11 CFS

LOCATION OF POINTS OF DIVERSION:

GROUND WATER	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Sec. 13, Twp 04N, Rge 01E, B.M., ADA County
GROUND WATER	NW $\frac{1}{4}$ SW $\frac{1}{4}$	Sec. 13, Twp 04N, Rge 01E, B.M., ADA County
GROUND WATER	SW $\frac{1}{4}$ NW $\frac{1}{4}$	Sec. 13, Twp 04N, Rge 01E, B.M., ADA County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N 01E 13							1.7	1.7							.2		3.6

Total Acres: 3.6

CONDITIONS OF APPROVAL

1. Right 63-09742 is also diverted through the points of diversion located in the SWNW, S13, Twp. 04N, Rge. 01E.
2. Rights 63-09742 and 63-10599 when combined shall not exceed a total diversion rate of 0.39 cfs.
3. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor exceed a combined annual maximum diversion volume of 16.2 af at the field headgate for the lands above.
4. The right holder shall use the full allotment of appurtenant surface water rights in conjunction with ground water diverted under this right and shall only divert ground water under this right when water from the appurtenant surface water rights cannot be delivered to the right holder.

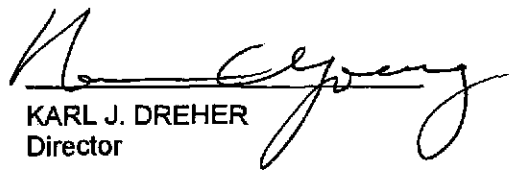
State of Idaho
Department of Water Resources
Water Right License
WATER RIGHT NO. 63-10599

5. If the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use, this right to divert groundwater shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
6. This right when combined with all other rights shall provide no more than 4.5 afa per acre at the field headgate for irrigation of the lands above.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 24TH day of FEBRUARY, 2003.

Acting for


KARL J. DREHER
Director

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-10599

Exam Date: 1/8/2003

1. Current Owner: VEDA R ANDERSON
8298 CASA REAL LN
BOISE ID 83703
(208)853-2555

And/Or

CLARK B ANDERSON
8298 CASA REAL LN
BOISE ID 83703
(208)343-0123

2. Accompanied by: Clark and Veda Anderson

Phone No: SAME AS ABOVE

Address: SAME AS ABOVE

Relationship to Permit Holder: OWNER

3. SOURCE

GROUND WATER

TRIBUTARY

N/A

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-9742 AND FARMERS UNION DITCH COMPANY, BOISE VALLEY IRRIGATION DITCH COMPANY, AND DRAINAGER DISTRICT NUMBER 2.

2. Other water rights with the same point of diversion: 63-9742

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER	SW1/4NW1/4	Sec. 13,	Twp 04N,	Rge 01E, B.M.
ADA County				
GROUND WATER	NW1/4SW1/4	Sec. 13,	Twp 04N,	Rge 01E, B.M.
ADA County				
GROUND WATER	SW1/4NW1/4	Sec. 13,	Twp 04N,	Rge 01E, B.M.
ADA County				

Method of Determination:

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
04N	01E	13							1.7	1.7							.2		3.6

Total Acres: 3.6

Method of Determination:

3. YES Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- YES Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- YES Aerial Photo Attached (required for irrigation of 10+ acres).
- YES Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
WELL # 1	UNKNOWN	3	SE50300	UNKNOWN	2 INCH
WELL # 2	UNKNOWN	3	2821022701	UNKNOWN	2 INCH
WELL # 3	UNKOWN	3	MAHO2S-20	UNKNOWN	2 INCH

*Code to correspond with No. on map and aerial photo

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS**D. FLOW MEASUREMENTS**

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements:

A theoretical calculation was used for this exam. The pumps were not operating at the time of the exam and it was not economical to require the applicant to waste water and electricity.

E. FLOW CALCULATIONSYes Additional Computation Sheets Attached

Measured Method:

Permit allowed → 0.20 cfs

Measured amount → 0.39 cfs

Acre limit → 0.11 cfs (3.6 X 0.03 = 0.108 cfs)

This licensed should be limited to the licensed amount of 0.11 cfs since this is lesser amount.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.6 \times 4.5 = 16.2 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.11 \times 260 \times 1.9835 = 56.7 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 16.2 \text{ afa}$$

2. Volume Calculations for Other Uses:

NONE

G. NARRATIVE/REMARKS/COMMENTS

The water for this right is diverted from 3 wells. Two of the wells located in the SWNW were licensed under water right 63-9742 for domestic use. The third well located in the NWSW is the well described in this permit. The third well was never connected to the first two wells, due to water quality monitoring concerns. Therefore, the domestic use portion of this permit will not be recommended, since no new domestic use has been developed. I am recommending that the first two wells be included under this permit, since all three wells contribute to the irrigation of this manufactured home facility. Another reason for including all three wells under this permit is that 63-9742 was licensed for in-house use only and the applicant uses all three wells for irrigation purposes.

The main source of irrigation is the canal water that enters the property through a ditch that runs along the eastern border of the property. The applicant has constructed a small vault at the northern section of the ditch, where they have a small pump that delivers water to a 2-inch water line that supplies irrigation water to the manufactured home facility. The third well diverts directly into the 2-inch irrigation lines as a backup when water from the canal is low or not available. At the time this proof of beneficial use was filed, the first two wells diverted into a large storage tank in the pump house, which serviced the in-house use for each trailer in the trailer park and a number of spigots and a swimming pool. The trailers used outside faucets and the spigots located around the trailer park for irrigation. The water from the large storage tank can also be delivered to a spigot located near the irrigation vault to supply emergency water into the main irrigation system if needed. Although the first two wells are not physically connected to the irrigation mainline, they are used in-coordination with the irrigation system.

A few years ago the water in the first two wells were contaminated supposedly from the Seamans Gulch Landfill. The owners of the wells were required by the Department of Environmental Quality to stop using the first and second well for in-house use until the contamination is cleaned up. The wells and the pressure tank are still in place, and they are still being used for irrigation. However, United Water is currently supplying the in-house water until the contamination issue is rectified. When the water contamination issues are resolved, the applicants will then make the decision whether or not they plan to go back to using the wells. Until that time, the domestic portion of 63-9742 should still be considered valid and the two wells should be included in the licensing of this permit for irrigation purposes. All other overlapping water rights for this area are not associated with the three wells or the manufactured home park.

I have informed the owners that a licensing amendment would be needed to add the other two wells to this water right, and they feel that is acceptable. They are also aware that domestic portion of this permit will need to be removed, because no new rate or volume of water have been added since 63-9742 was licensed, and the third well has never been connected directly into the domestic system. Therefore, I recommend that this permit be licensed for the irrigation of 3.6 acres at a rate of 0.11 cfs and 16.2 afa annual volume from the 3 wells described above. When this water right and 63-9742 are combined the total instantaneous diversion rate for all uses should be limited to 0.39 cfs or the system capacity. When this right is combined with their surface water they should be limited to 0.03 cfs/acre and 4.5 afa/acre. The owners of the water right should be required to use the full allocation of the surface water (canal water) prior to diverting water from any of the wells for irrigation. The owners should be allowed to use this water right when canal water is not available.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.110 CFS	16.20 AF
	<u>Totals:</u>	0.110 CFS	16.20 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☒ Add P.D. as reflected above ☐ None

☐ Change P.U. as reflected above ☒ Add P.U. as reflected above ☐ Other

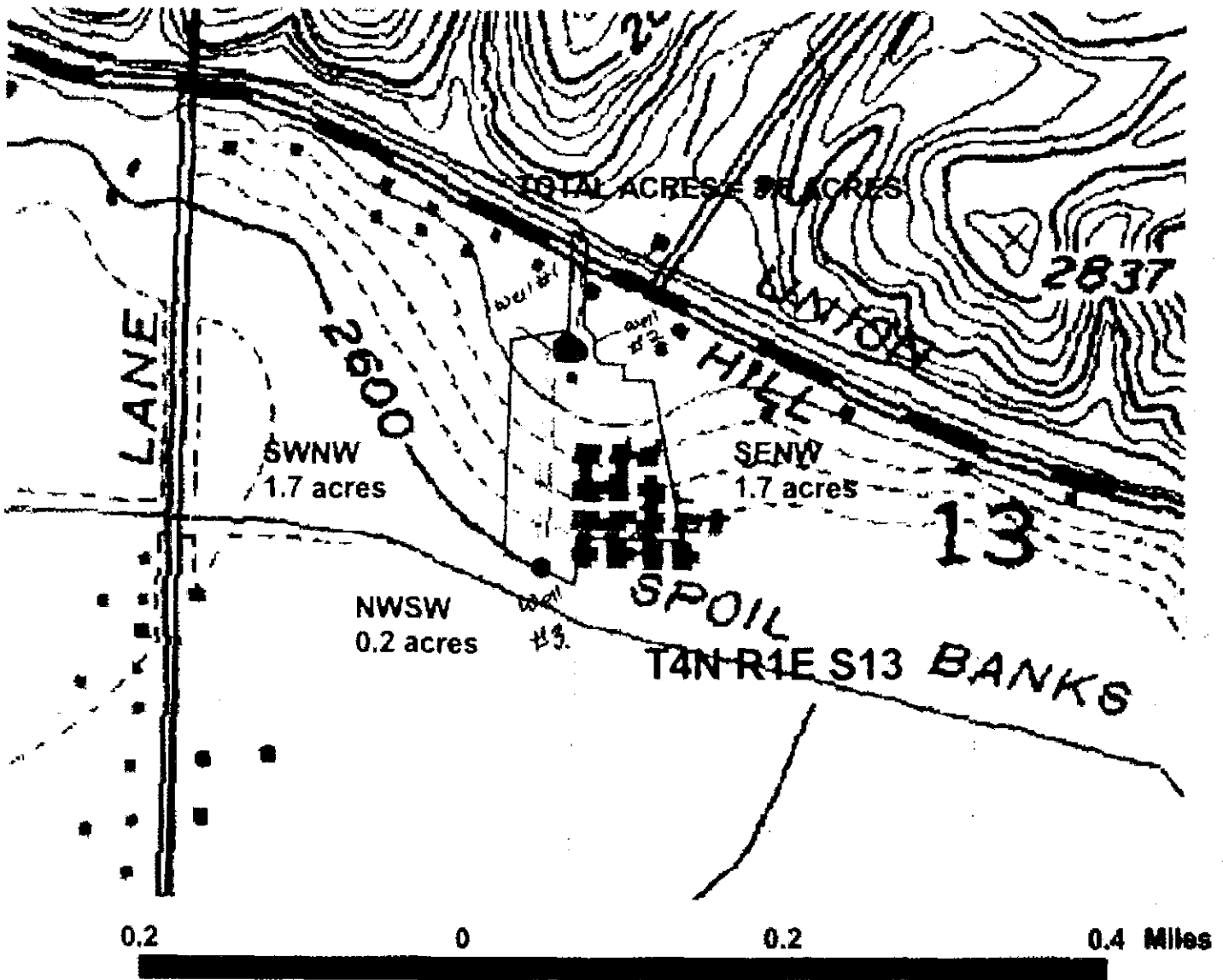
DANIEL A. NELSON - SENIOR AGENT.

I. AUTHENTICATION

Field Examiner's Name Daniel A. Nelson Date 2-4-03

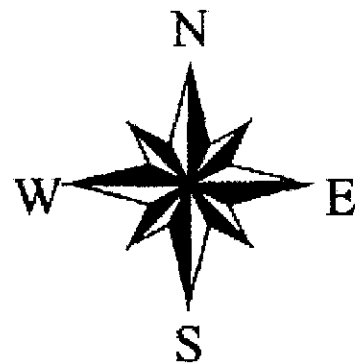
Reviewer _____ Date _____

PLACE OF USE PERMIT 63-10599 BY DAN NELSON



- Wells
- ◆ Pump house

- Place of Use Boundary
- Section lines
- 1/4 1/4 Lines



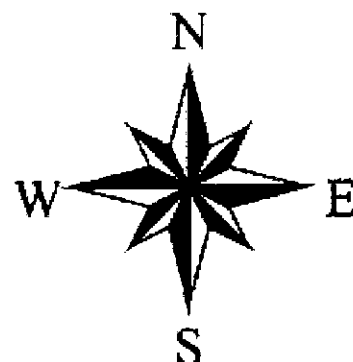
63-10599

**ACRE DETERMINATION
3.6 TOTAL ACRES IRRIGATED
PERMIT 63-10599
BY DAN NELSON**



0.2 0 0.2 0.4 Miles

- Wells
- ⬤ Pump house
- ▭ Yard Boundaries
- ▭ Place of Use Boundary
- ▭ Section lines
- 1/4 1/4 Lines

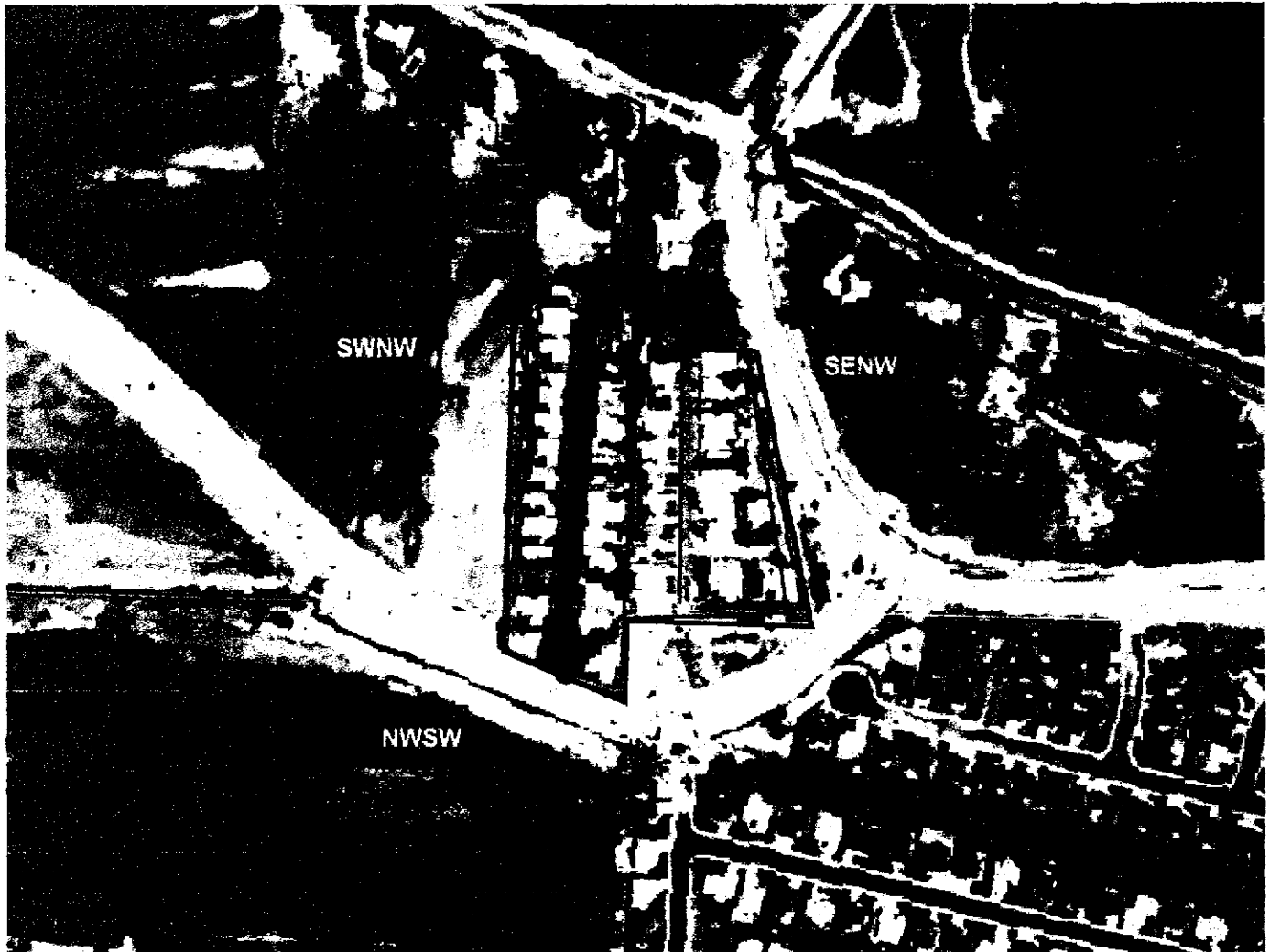


63-10599

SYSTEM DIAGRAM

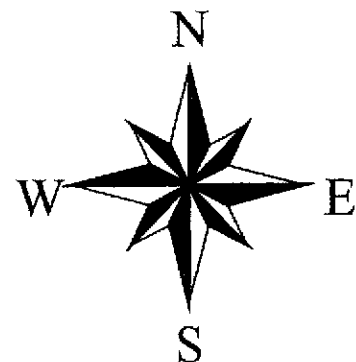
PERMIT 63-10599

BY DAN NELSON

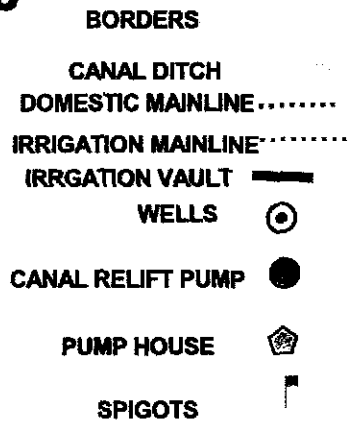


0.1 0 0.1 0.2 Miles

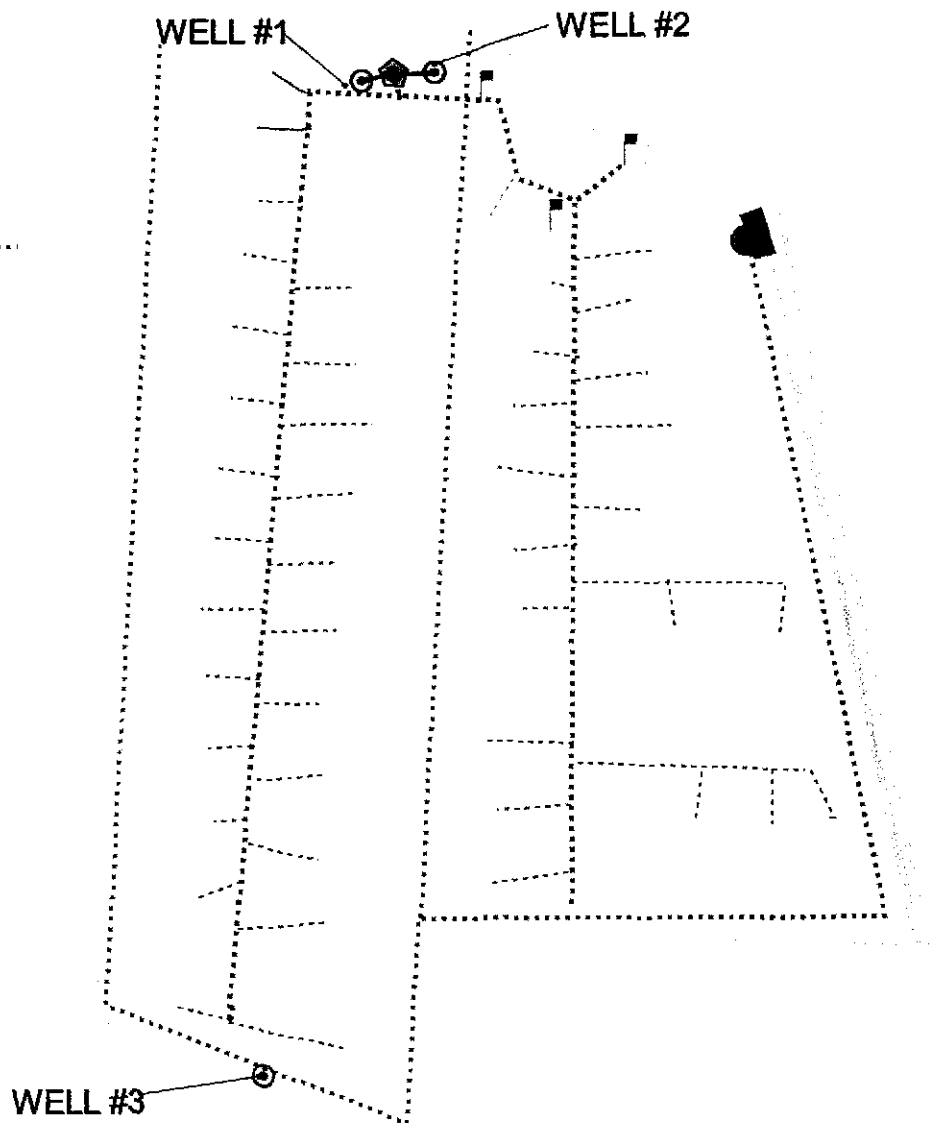
- Wells
- ⬠ Pump house
- Main lines
- Place of Use Boundary
- Section lines
- 1/4 1/4 Lines



SYSTEM DIAGRAM 63-10599



The water from the canal is diverted out of the irrigation vault into the irrigation mainline by the relift pump. Well #3 diverts directly into the irrigation mainline. Well #1 and #2 divert into a pressure tank in the pump house and is distributed to each house through the domestic mainline. Each trailer can irrigate out of this mainline. There are three spigots that irrigate the pool area and common areas (there are more spigots in the park, these are only the main irrigation spigots). The eastern most spigot can run a hose to the vault for added irrigation if needed.



ACRE DETERMINATION

This permit is for a manufactured home park that has 46 units sitting on approximately 8 acres. Some of the 8-acres is covered by roads and manufactured homes. I used Arcview to determine the amount of acres that were irrigated and came up with 3.6 acres of irrigated ground. I double checked my Arcview work by calculating an average using the following information.

The owners showed me a large plat map that suggests the each lot in the park is approximately 50 ft by 100 feet or 5,000 square feet, and the owners stated that the average sized manufactured home was approximately 1,950 square feet.

$[(5,000 \text{ ft}^2 \text{ lot} - 1,950 \text{ ft}^2 \text{ home and drive way}) \times 46 \text{ lots}] + 5,000 \text{ ft}^2 \text{ border \& pool area} =$

$145,300 \text{ ft}^2 \text{ total area} / 43,560 = 3.3 \text{ acres of irrigation}$

Arcview showed 3.6 acres of irrigation the rough average showed 3.3 acres of irrigation.

I recommend 3.6 acres of irrigation for licensing of this permit.

3.6 acres of irrigation at 0.03 cfs per acres = 0.11 cfs maximum allowable for this permit.

GROUNDWATER THEORETICAL ANALYSIS

Well #1
(East of well house) FILE: 63-10599
DATE: 1-8-2003
BY: DAN NELSON

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (HP) \times (EFF.))}{TDH}$

Q = CFS
HP = Total Brake Horsepower of pumping plant (including booster)
Eff. = Pumping plant efficiency (assume 70% or 0.70)
TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = Depth to water in FEET from land surface to pumping water level
PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (3) \times (0.70)}{[(39) + (45 \times 2.31)]} = \frac{18.48}{142.95} = 0.13 \text{ cfs}$$

50 gpm.

<u>LIFT FROM:</u>	<u>PSI FROM:</u>	<u>NOTES ON PUMP:</u>
Measurement ()	Measurement ()	Motor Make, Serial or ID
Owner (X)	Owner ()	
Area estimate ()	Estimate (X)	Pump Make, Serial or ID, rating
Well Logs ()	Owner Gage ()	
Booster (Y) (N)		

REMARKS: Well pumps into a pressure
tank in well house average
pressure is 45 psi.

GROUNDWATER THEORETICAL ANNALYSIS

Well #2 FILE: 63-10599
(west of well house) DATE: 1-8-2003
BY: DAN NELSON.

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (HP) \times (EFF.))}{TDH}$

Q = CFS
HP = Total Brake Horsepower of pumping plant (including booster)
Eff. = Pumping plant efficiency (assume 70% or 0.70)
TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]
LIFT = Depth to water in FEET from land surface to puijping water level
PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (3) \times (0.70) = 18.48}{[(39) + (45 \times 2.31)] = 142.95} = 0.13 \text{ CFS}$$

58 gpm.

LIFT FROM:	PSI FROM:	NOTES ON PUMP:
Measurement ()	Measurement ()	Motor Make, Serial or ID
Owner (A)	Owner ()	
Area estimate ()	Estimate (A)	Pump Make, Serial or ID, rating
Well Logs ()	Owner Gage ()	
Booster (Y) (N)		

REMARKS: well pumps INTO a PRESSURE
TANK in well house average PRESSURE is
45 PSI.

GROUNDWATER THEORETICAL ANNALYSIS

Well #3

FILE: 63-10599

DATE: 1-8-2003

BY: DAN NELSON

THEORETICAL RATE OF FLOW: $Q = \frac{(8.8 \times (HP) \times (EFF.))}{TDH}$

Q = CFS

HP = Total Brake Horsepower of pumping plant (including booster)

Eff. = Pumping plant efficiency (assume 70% or 0.70)

TDH = Total dynamic head = [(LIFT) + (PSI X 2.31)]

LIFT = Depth to water in FEET from land surface to puijping water level

PSI = Pumping pressure measured in PSI near pump (if open discharge assume [0])

$$Q = \frac{(8.8) \times (3) \times (0.70)}{[(39) + (45 \times 2.31)]} = \frac{18.48}{142.95} = 0.13 \text{ CFS}$$

58 gpm.

LIFT FROM:

Measurement ()

Owner (X)

Area estimate ()

Well Logs ()

Booster (Y) (N)

PSI FROM:

Measurement ()

Owner ()

Estimate (X)

Owner Gage ()

NOTES ON PUMP:

Motor Make, Serial or ID

Pump Make, Serial or ID, rating

REMARKS: Well pumps INTO a PRESSURE
TANK Directly Behind well.

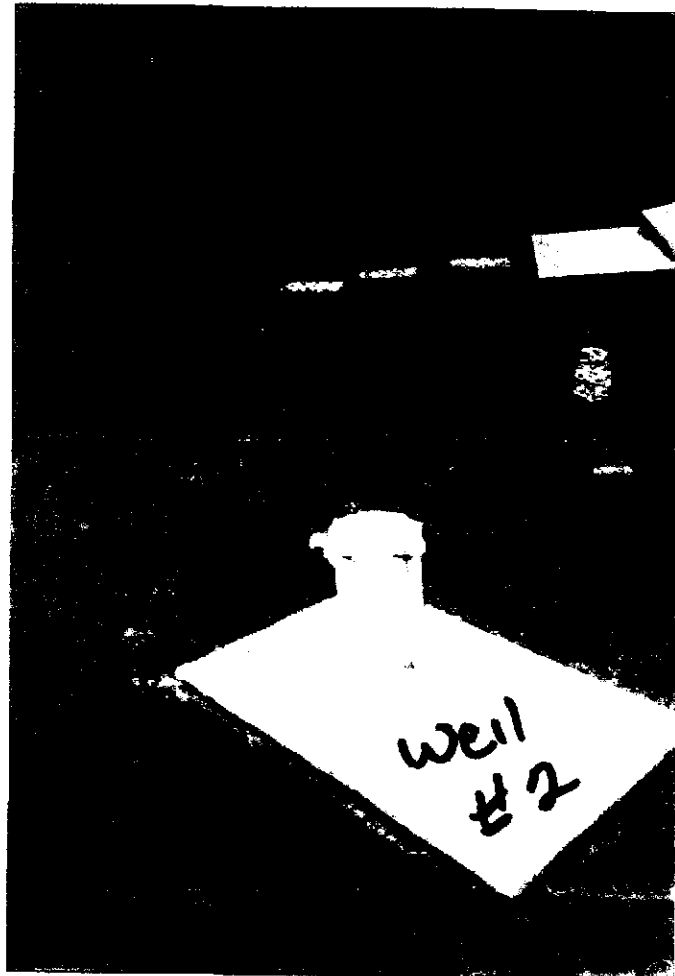


PHOTO ONE-

View of well casing. Pump is
submersed ^{sewer} in this to the domestic well
for the entire system. Water is
pumped from this point into a pressure
tank. Well is located on the north
of the property.



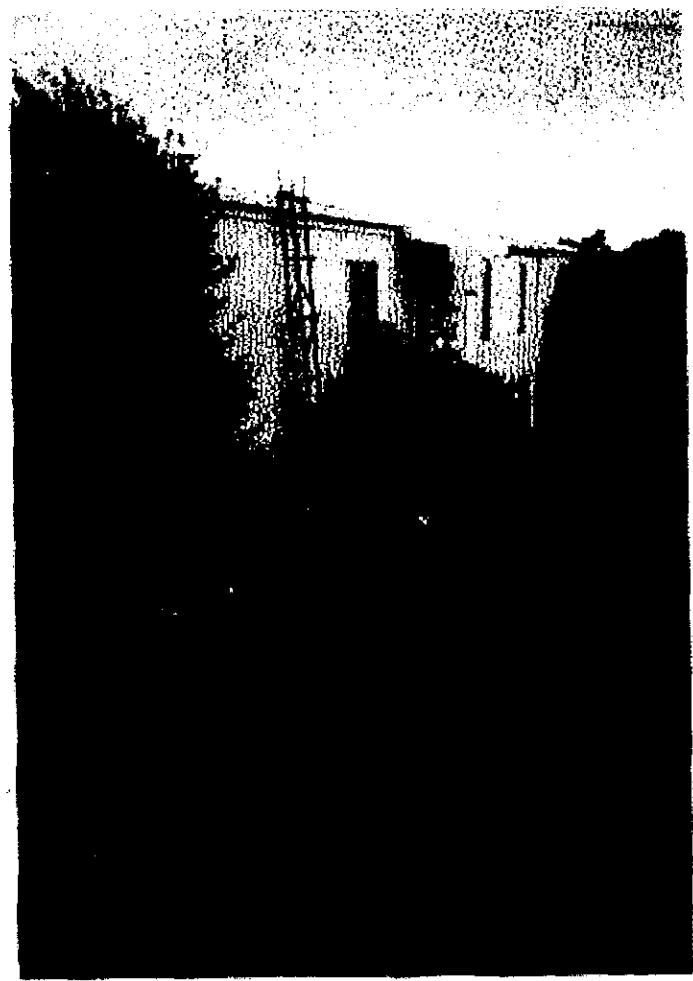
View of Pressure tank. This
is the domestic pressure tank.
Lines from the pressure tank
go to each domestic.

well #1
is on
other
side of
house.



View to the south of
the trailer PARK.

PHOTO ~~FIVE~~ THREE



View of the IRRIGATION SYSTEM.
THERE IS ONE SPIGOT IN EACH YARD
FROM THE ^{PUMP} WELL. LAUNDRY ARE
IRRIGATED, AS IN THE PICT. BY
SPIGOTS - HOSES - RAINBARS.

PHOTO ~~SIX~~ FOUR

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Clark B. &/or Veda Anderson Phone 343-0123

Post office address 8298 CASA REAL LN BOISE, IDAHO 83703

2. Source of water supply GROUNDWATER which is a tributary of _____

3. Location of point of diversion is _____ 1/4 of SW 1/4 of NW 1/4, Govt. Lot _____

Sec. 13 Township 4N Range 1E B.M. ADA County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.2 for IRRIGATION purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.2 for DOMESTIC purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 0.2 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. WELLS, PUMP & PIPELINE

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.

c. Proposed well diameter is 10 inches; proposed depth of well is _____ feet.

d. Is ground water with a temperature of greater than 90°F being sought? _____

7. Time required for the completion of the works and application of the water to the proposed beneficial use is

2 yrs years (minimum 1 year).

SEP 30 1988

used to supply irrigation water for treated courts and to serve as backup for the domestic well.

b. Who owns the land to be irrigated or place of use? _____

From Union Farmers Club. Domestic Rt. -- 63-9742

Total number of acres to be irrigated.

01

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

TRAILER COURT.

AN EXISTING WELL IS USED TO SUPPLY DOMESTIC USE FOR

e. Other; describe fully. WATER USED FOR DOMESTIC AND IRRIGATION

d. Domestic; show number of households. $\frac{1}{4}$ unit, 1 raisee court

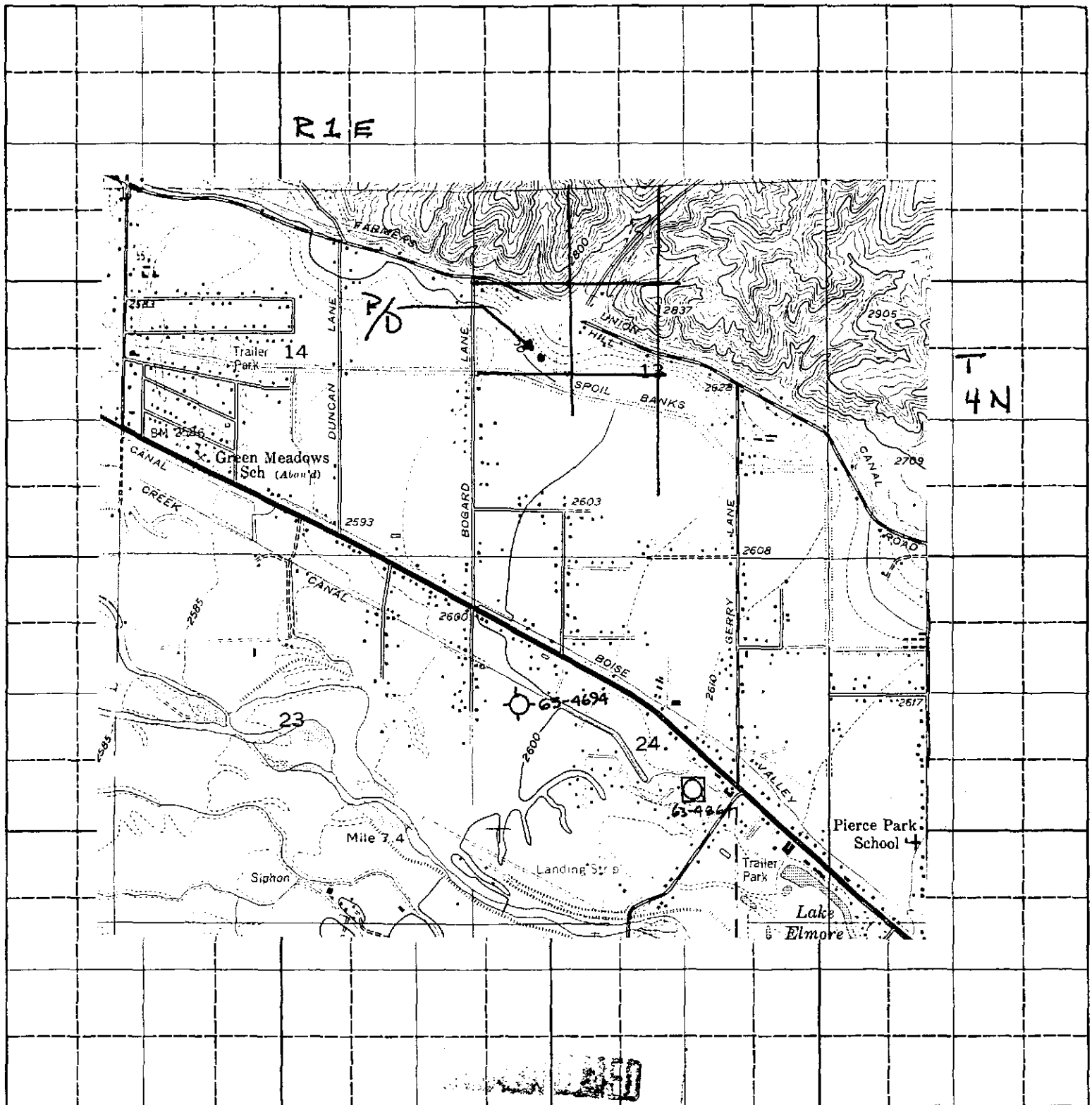
c. Municipal; show name of municipality.

b. Stockwatering: list number and kind of livestock.

a. Hydropower; show total feet of head and proposed capacity in kW.

8. Description of proposed uses (if irrigation only, go to item 9):

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

SEP 30 1988

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

[Signature]
(Applicant)

3/25/88

Proposed priority

3:00 pm

3-29-88

Date 3-25-88

Time 4:29 pm

Preliminary check by

Received by Jim

Fee \$ 30.00

Received by

#

Date 3/30/88

3/30/88

Published in ID Statesman

4/7 & 4/14/88

Publication approved

JP

Date 4/19/88

4/19/88

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of

Idaho No. 63-10599

APPROVED

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before

June 1

19 90

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other:

Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 18th day of May, 1988.

Director

SEP 30 1988