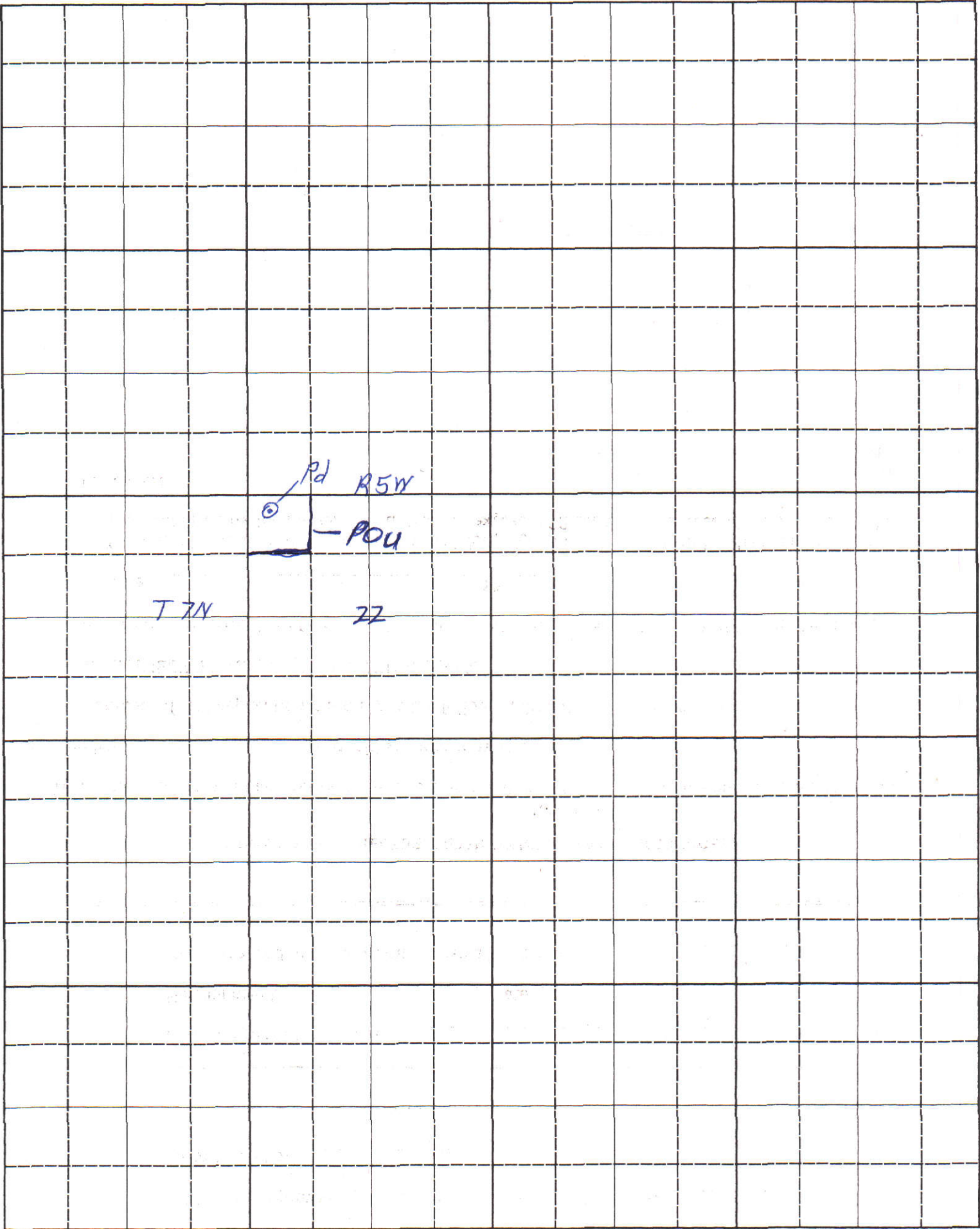


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

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.

William V Parker
(Applicant)

RECEIVED
MAY 25 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

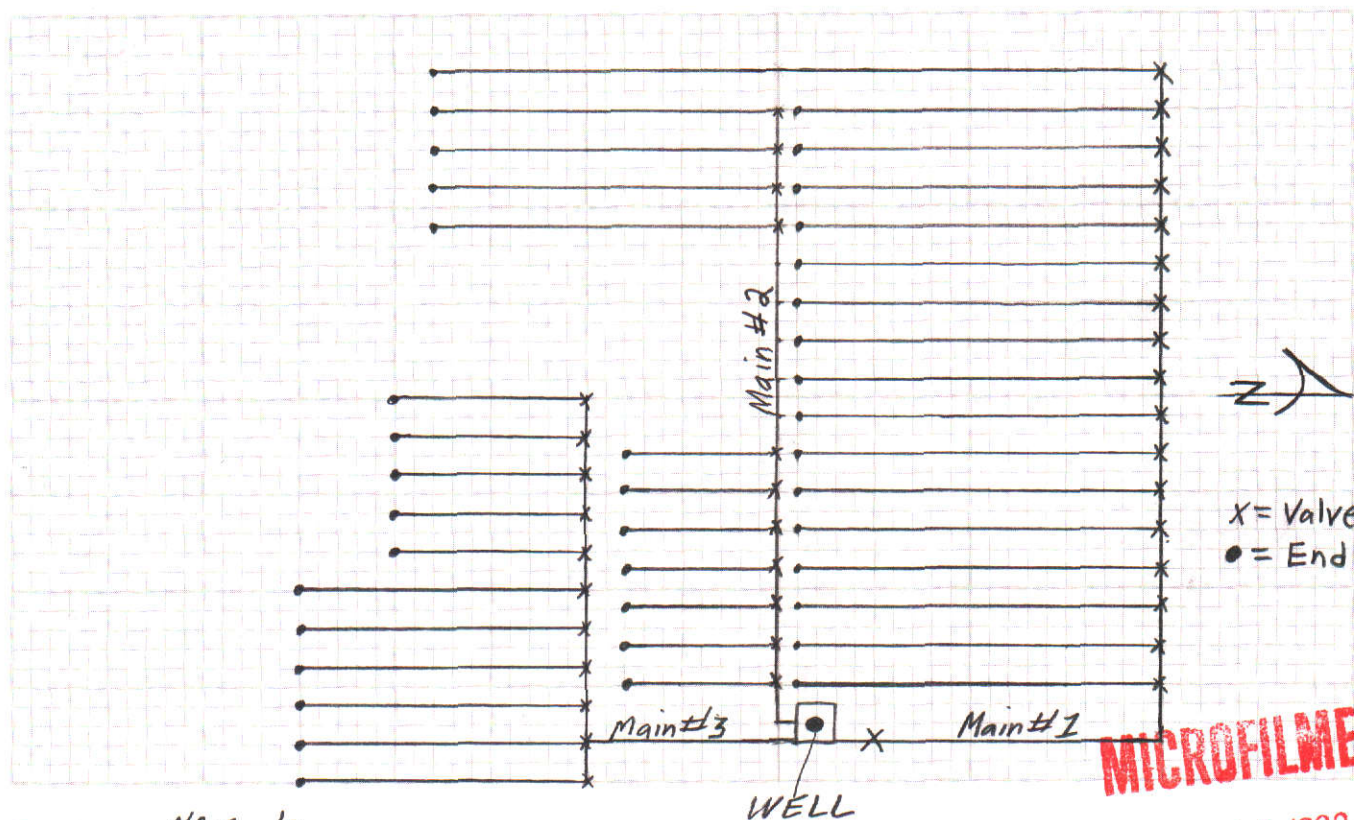
1. Owner: Dan Surmeier Permit No. 63-09917
Current Address: 4990 U.S. 95 Fruitland, Id 83619 Phone No. 452-3136
2. Accompanied by: Same EXAM. DATE: 9-15-88
Address: Same Phone No. Same
Relationship to Permit Holder: N/A
3. Source: Groundwater tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with same place of use: None
☒ Copies Attached
2. Other water rights with same point of diversion: None
☒ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NO Scale

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☒ Aerial Photo Attached (required for irrigation of 10 acres or more).
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

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R5W

63-9917

T7N

R5W

16 15
21 22

15 14
22 23

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2-10.0

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5-8.9
6-5.1

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D

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5-1.6

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2-5.7

54.0
2-11.0
1-10.5

3-13.7
4-15.8

2-69.7

1-34.9

5-11.3

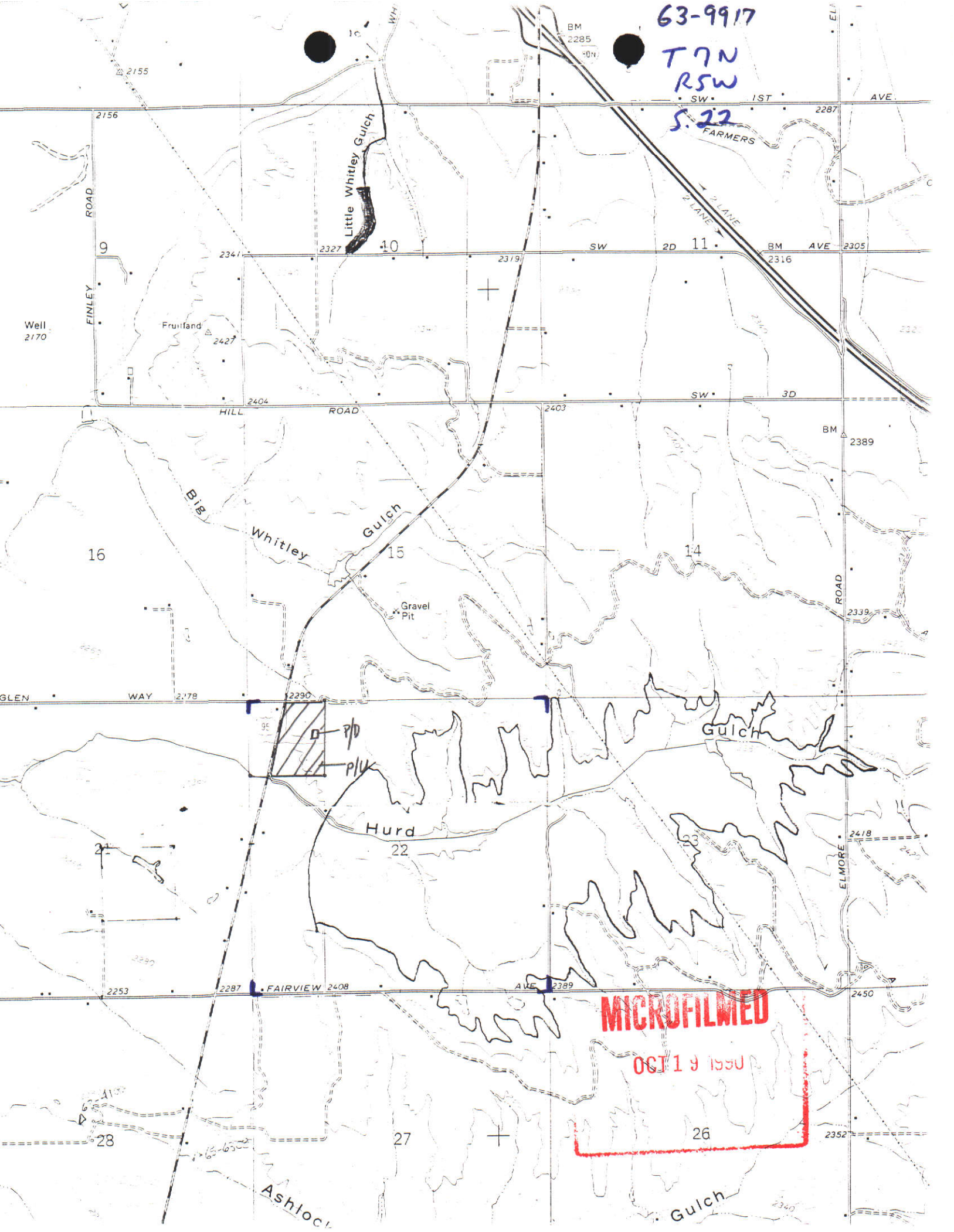
3-12.2
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63-9917

T7N
R5W

S. 22



63-9917



Looking West

MICROFILMED

Well House @ P/D

OCT 19 1990

Looking North



63-9917



P/u Looking West

MICROFILMED

OCT 19 1990

P/u Looking South



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-09917

Priority: June 22, 1982

Maximum Diversion Rate: 0.39 CFS
Maximum Diversion Volume:¹ 117.0 AF

This is to certify, that ESTATE OF WILLIAM V. PARKER
C/O GLENN M. LEE, ATTY.
P.O. BOX 489

FRUITLAND, ID 836190000 has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated June 22, 1982; and
has submitted Proof of Beneficial Use on July 31, 1987. An examination indicates
that the works have a diversion capacity of .390 cfs of water from a GROUNDWATER
source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.39 CFS	117.0 AF

LOCATION OF POINT(S) OF DIVERSION: NWNW , Sec. 22, Township 07N, Range 05W
PAYETTE County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07N	05W	22	NWNW	26		26

Total number of acres irrigated: 26

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than 4.5 afa per acre for the lands above.

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OCT 19 1990

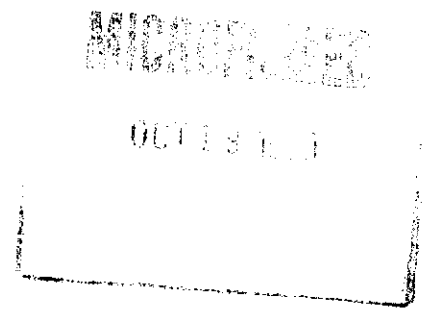
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-09917

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 17TH
day of OCTOBER, 1990.


R. Keith Higginson, Director



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 WILLIAM V. PARKER Phone 452-4237

Post office address Rt. 1, Box 238, Fruitland, ID 83619

2. Source of water supply groundwater which is a tributary of

3. Location of point of diversion is NW ¼ of NW ¼ of Section 22 Township 7N

Range 5W B.M. Payette County, additional points of diversion if any:

4. Water will be used for the following purposes:

Amount .52 for irrigation purposes from 3/15 to 11/15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .04 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:

a. .56 cubic feet per second and/or b. acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. well with pump and pipeline
into sprinkler and gravity ditch

b. Height of storage dam feet, active reservoir capacity acre-feet; total reservoir
capacity acre-feet, materials used in storage dam:

Period of year when water will be diverted to storage to inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 8 inches; proposed depth of well is 205 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial
use is 5 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NW ¼ of NW ¼ of Section 22 Township 7N
Range 5W B.M.

(2) Amount of power to be generated: horsepower under feet of head.

(3) List number of each kind of livestock to be watered

(4) Name of municipality to be served, or number of families to be
supplied with domestic water 1

(5) If water is to be used for other purposes describe:

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
7N	5W	22						26											26

Total number of acres to be irrigated 26

c. Describe any other water rights used for the same purposes as described above.

Part has Black Canyon water (8 acres)

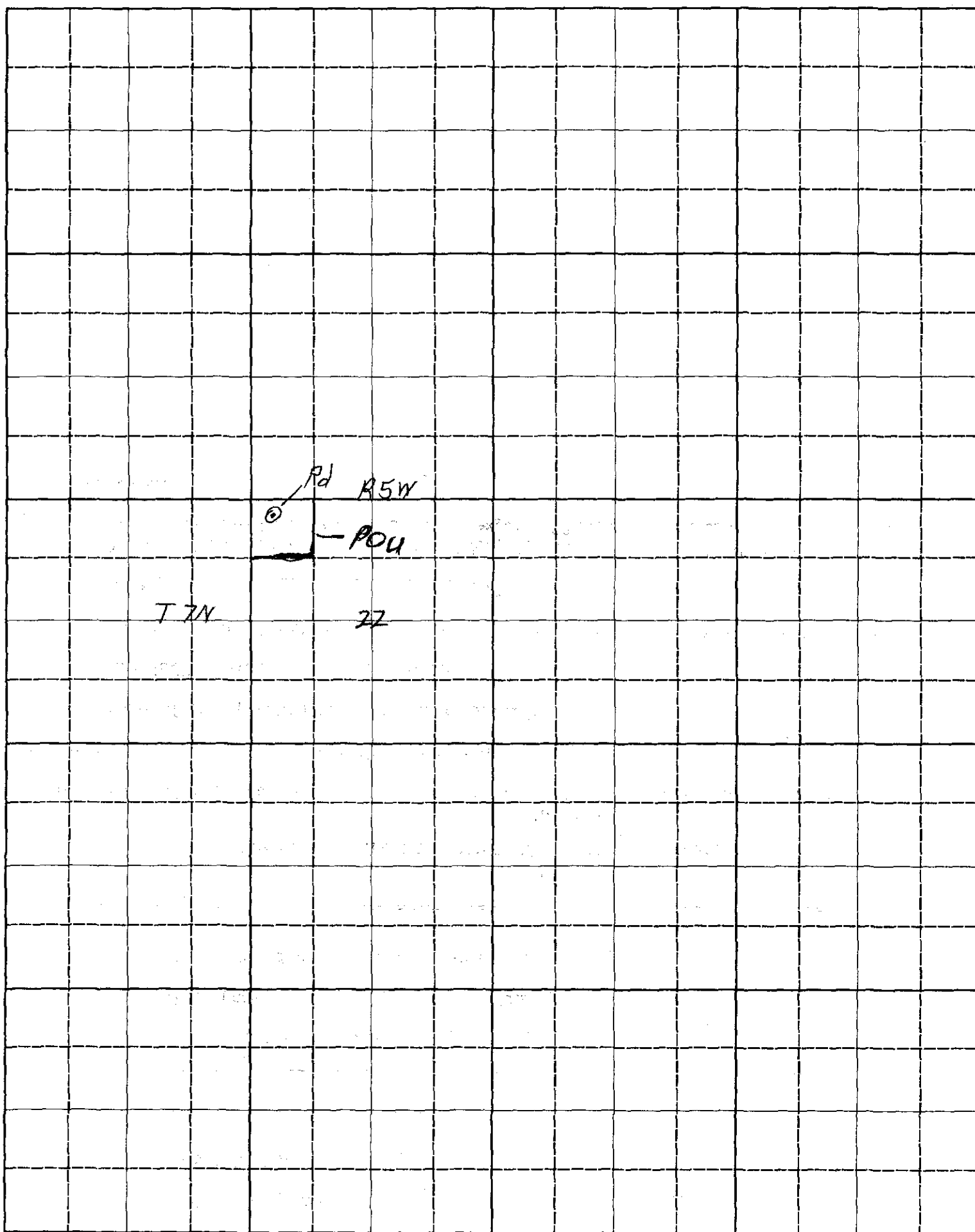
9. a. Who owns the property at the point of diversion Applicant

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

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing

10. Remarks

11. 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.

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.

William V Parker
(Applicant)

Proposed Priority 6/22/1982

Received by GLS Date 6/22/82 Time 1:15
Preliminary check by JG Fee \$ 95.00 # 24001
Receipted by GLS Date 6/22/82
Publication prepared by SP Date 6/24/82
Published in Independent Enterprise
Publication dates 7/1 & 7/2/82
Publication approved SP Date 7/14/82
Protests filed by: none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by DBS RC

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. 63-9917, and said application is hereby 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 August 1, 19 87.
- 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. Other: 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 3rd day of August, 1982.

J. Glen Saxton
Chief, Operations Bureau

RECORDED

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho.

63-9917 ✓ 1P

PARKER, WILLIAM V.

RT. 1 BOX 238, FRUITLAND, ID 83619

Source: GROUNDWATER

Date Filed: 06/22/1982

Amount: 0.56 CFS

Diversion Point: NWNW Sec 22 T 07N R 05W, PAYETTE Co.

Use: IRRIGATION (0.52 CFS) from 03/15 to 11/15

DOMESTIC (0.04 CFS) from 01/01 to 12/31

Place of Use: NWNW Sec 22 T 07N R 05W for 26 ACRES

Diversion Means: WELL, PUMP, PIPELINE, SPRINKLER & DITCH

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 92 S. Cole Road, Boise, Idaho 83709 on or before JULY 19, 1982.

A. KENNETH DUNN

Director

No. 2336

June 30, July 7

Affidavit of Publication

Copy of Notice
(First Copy)

STATE OF IDAHO, }
COUNTY OF PAYETTE } ss.

Notice of Application for Water Right

TITLE OF PUBLICATION

State of Ida. Dept. of Water Resources
SPONSOR OR PLAINTIFF
(Wm. V. Parker)

PLAINTIFF OR LEGAL AGENT

I, Marilyn J. Rhinehart, being
duly sworn, deposes and says:

That ~~he~~ *she* is the *principle clerk* of
THE INDEPENDENT-ENTERPRISE, a weekly newspaper published at
Payette, in the County of Payette and State of Idaho; that said paper
has been and is in general circulation in the county aforesaid, and in
the vicinity of Payette; that the advertisement, a copy of which is
attached hereto, was published in said newspaper once a week for
~~two~~ *(2)* consecutive weeks in the regular and entire issue of said
paper during the period and time of publication, and was published
in the newspaper proper and not a supplement; that said paper has
been established and regularly published for more than seventy-eight
consecutive weeks prior to the date of first publication of said adver-
tisement.

Such notice was published in the issue beginning with
June 30, 19 *82*, and ending with the issue
of *July 7*, 19 *82*

Subscribed and sworn to before me this *12* day
of *July*, 19 *82*

Ann P. Clark
Notary Public, Residing at Payette, Idaho.

My Commission Expires *July 4*, 19 *84*

STATEMENT

Independent-Enterprise

PAYETTE, IDAHO

Number of Lines *24*
Number of Insertions *2*
24 Lines @ *574* \$ *1368*
24 Lines @ *384* \$ *912*
TOTAL COST
WILL BE \$ *2280*

RECEIVED

JUL 14 1982

Department of Water Resources
Western Regional Office

October 17, 1990

ESTATE OF WILLIAM V. PARKER
C/O GLENN M. LEE, ATTY.
P.O. BOX 489
FRUITLAND, ID 836190000

RE: PERMIT NO. 63-09917

Dear Permit Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

100 - 1000

September 17, 1990

ESTATE OF WILLIAM V. PARKER
C/O GLENN M. LEE, ATTY.
P.O. BOX 489
FRUITLAND, ID 836190000

RE: PERMIT NO. 63-09917

Dear Permit Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:sc

Enclosure

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OCT 19 1990

WR-NUMBER	NAME	STG	SOURCE	T	R	S	NE				NW				SW				SE				SUM			
							NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE				
L6309917																										
6303629	SLEIGHT	L	WASTE WATER	07N	05W	22								12	:						12					
6309736	CARNEFIX	L	GROUNDWATER	07N	05W	22									:			26	:		26					
~~6309917~~	~~PARKER~~	~~P~~	~~GROUNDWATER~~	~~07N~~	~~05W~~	~~22~~															26					
A6303629	HALE	L	WASTE WATER	07N	05W	22								6	:						6					
L6309917	PARKER	L	GROUNDWATER	07N	05W	22									:						26					
	1986 MAPPING DATA ---	-	COUNTY 75 QUAD W	3	07N	05W	22	1	3	7	14	:	40	42	40	18	:	39	39	37	39	40	40	35	40	474

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OCT 18 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

63-9917
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad
- ☒ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index RD P 7/5/88 (Initial and date)

Overlap? ☒ yes ☒ no If yes: ☐ copy of exam(s) attached?

Type of Overlap? ☐ Add acres or uses to existing system

☐ Increase rate of flow or volume

☒ Other: Other well or surface water ← PL 3/22/90

Check of P/U index RD P 7/5/88 (Initial and date)

Overlap? ☐ yes ☒ no If yes: ☐ copy of water right(s) attached?

Type of Overlap? ☐ Increase rate of flow or volume

☐ Add P/D's

☐ Increase number of acres within tracts

☐ Other: _____

Aerial Photo

Payette
CTV
1630 3rd
A.S. Required? ☒ yes ☐ no If yes: ☒ copy attached?

Scheduling Letter sent? RD P 7/4/88 (Initial and date)

☒ Appointment made and telephone conversation memo attached

Sept 15 10:00 am Thursday RW 9/12/88

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☒ Photographs of Point of Diversion and Place of Use
- ☒ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed 9/15/88 (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent PL 3/22/90 (Initial and date)

Exam Reviewed by Manager of Regional Office DM 3/27/90 (Initial and date)

Exam Date Entered in Computer ✓ (Initial and date)

Exam sent to State Office 5-25-90 PL (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-09917

1. Owner: Dan Surrmeier

Phone No. 452-3136

Current Address: 4990 U.S. 95 Fruitland, Id 83619

2. Accompanied by: Same

EXAM. DATE: 9-15-88

Address: Same

Phone No. Same

Relationship to Permit Holder: N/A

3. Source: Groundwater tributary to N/A

B. OVERLAP REVIEW

1. Other water rights with same place of use: None

☒ Copies Attached

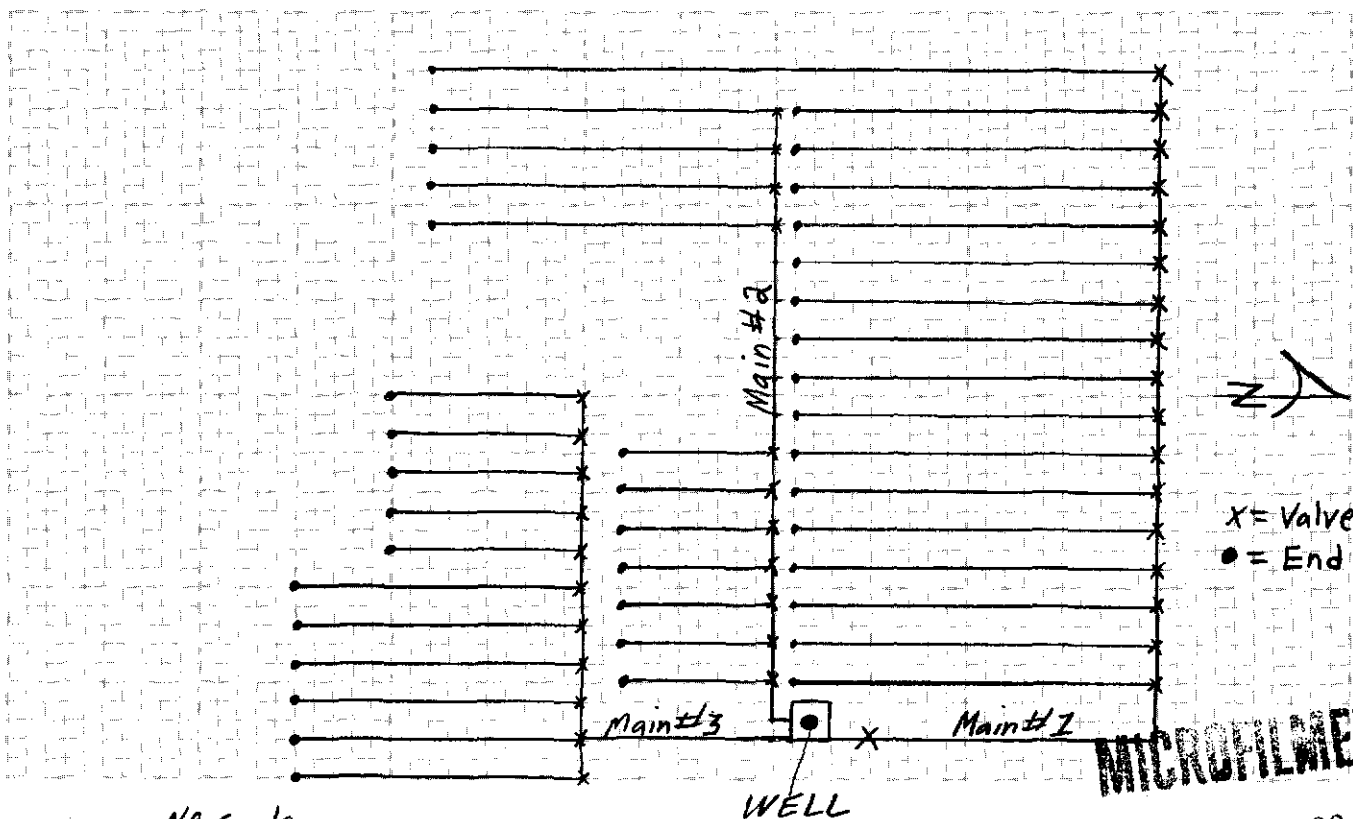
2. Other water rights with same point of diversion: None

☒ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NO Scale

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

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System Description (continued)

3. **Narrative:** Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

Three main lines From well which service a total of ~ 630 impact type Sprinkler heads (F23A Nelson). System does not operate more than 56 sprinklers at one time.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
None	unknown	7hp	Submers.	Berkeley	unknown

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

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NE	NN	NN	22	7N	5W	Payette	U.S.G.S. Quad Aerial photo

6. **Place(s) of Use:**

Indicate Method of Determination Same as above

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
7N	5W	22						26											26
																			26

Do not use this space

RECORDED

OCT 1 1950

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Pitot Tube & Pressure gauge		N/A	N/A	N/A	N/A	N/A
Pressure gauge	Wika					

2. Measurements:

Flow rate obtained via measurement of pressure (psi)
 @ Sprinkler heads. (Nelson F 23 A w/9/64" dia or.)
 Pressure checked @ several locations ($\bar{x} = 28 \text{ psi}$).
 * Operation of no more than 56 sprinkler @ one time.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: $Q = 29.82 \cdot D^2 \sqrt{P}$
 $Q = 29.82 \cdot (9/64)^2 \cdot \sqrt{28}$

$.589 \times 5.29 = 3.12 \text{ gpm/sprinkler}$

2. Alternate Method for Checking Purposes:

$3.12 \text{ gpm} \times 56 \text{ sprinklers} = 174.72 \text{ gpm}$

$\frac{Thp \times 8.8 \times .8}{404(28.2.3)} = 0.47 \text{ cfs}$ Theoretical

0.39 cfs measured

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 117$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 189.52$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 117 \text{ AFA}$

2. Volume Calculations for Other Uses:

N/A

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OCT 19 1990

H. REMARKS AND OVERLAP REVIEW ANALYSIS

8 ac overlap at P/U w/water from Black Canyon I.D.
Seldom uses this water from ditch at P/U.
No domestic use from this well - Has separate
domestic well for house.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	3/15	11/15	.39	117
Totals:			.39	117

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

J. AUTHENTICATION

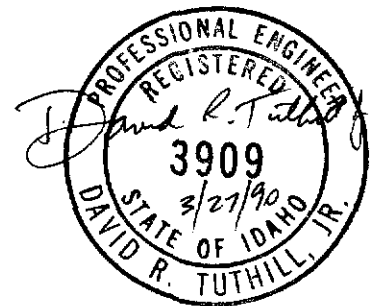
Field Examiner's Name Robert B. Whitney
Signature Robert B. Whitney
Certification Date _____
Field Report Preparation Date 10-17-88

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

9-11-90
MICROFILMED

OCT 19 1990



R5W

63-9917

T7N

R5W

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UNFILMED

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T136

P/O

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1-10.4

3-13.4

88

T181

T199

2-4.1

5-18.6

6-17.8

1-10.9

5-8.9

4-29.5

3-47.0

1-28.0

2-32.8

541

T542

2-11.0

1-10.5

3-13.1

4-15.0

2-17.5

1-8.2

1-23.1

3-9.6

2-10.0

1-16.7

7-21.6

T541

1-4.0

9.0

2-69.7

7-4.3

5-26.1

2-22

28 29

28 23

27 26

T543

5-1.6

6-1.6

6-1.4

6-1.5

5-1.3

3-1.2

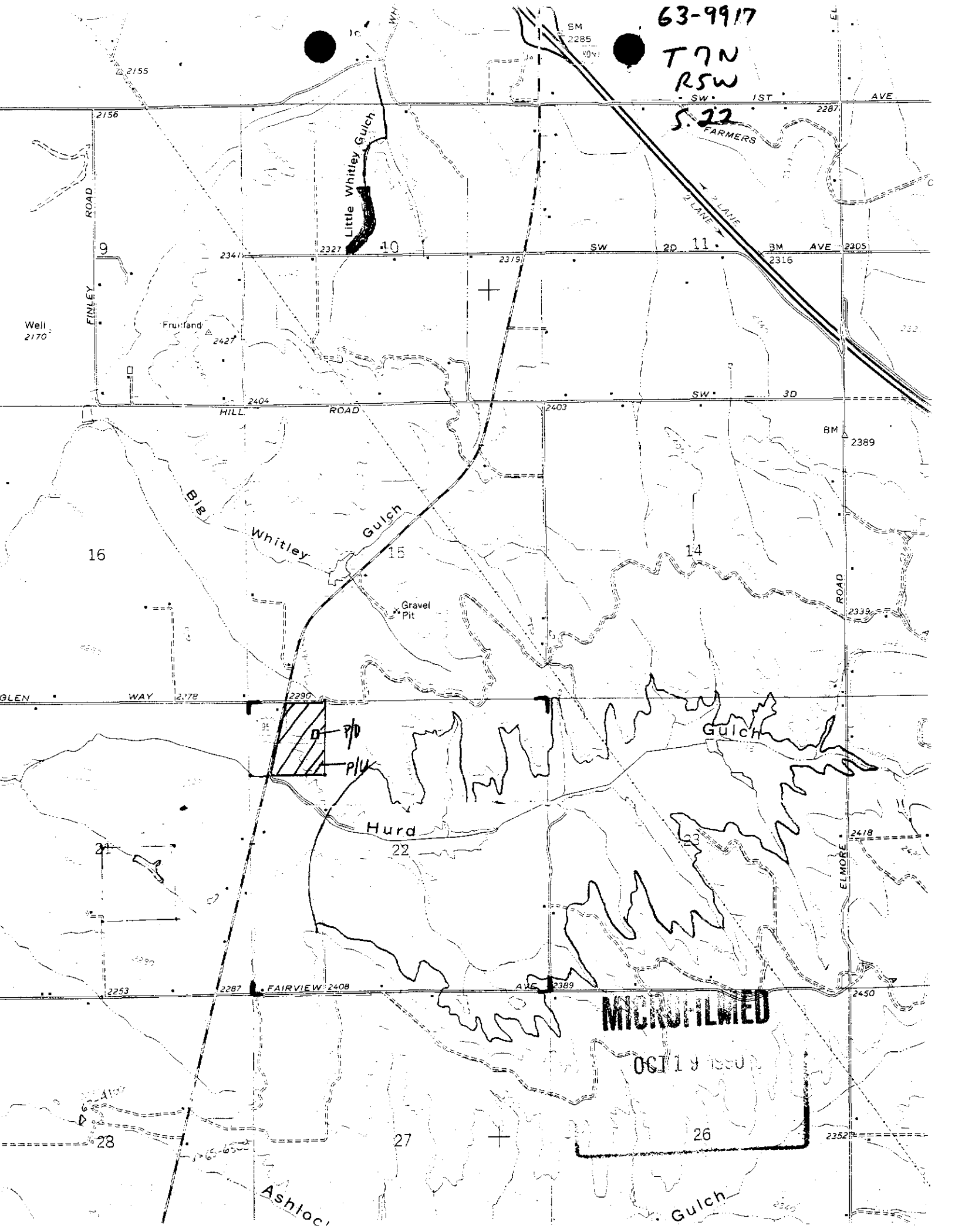
2-1.1

1-68.5

63-9917

T7N
R5W

S. 22



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OCT 19 1980

DIVISION

State of Idaho

Department of Water Resources

WELL INSPECTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be forwarded to Groundwater Protection Section in the State Office upon completion.

1. Legal Description of well location. Twp. 7N, Rge. 5W,
Sec. 22, Qtr./Qtr. NW NW or Lot _____
2. Owner S. J. Meier
Address 4990 W S 95, City Fruitland, State ID
3. Approx. date of well construction 1983
Well Driller Dallas Drilling (Payette)
4. Casing: Diameter 8" Condition Good
5. Casing length above land surface 18"
6. Well depth (ft) 200 Flowing NO Temp. 65°
Access port NO
7. Condition of piping and valving Good
8. Evidence of well seal NO
9. Shut in pressure or static water level 4.5'
10. Evidence of leakage around the casing NO
11. Does well need repair NO
12. Comments _____

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OCT 19 1990

(OVER)

REVIEWER

$$GPM = (D)^2 (\sqrt{P}) (29.82) (C)$$

D = No 3 1/2 size

C = 1.0 new hds.
= .96 worn hds. } assume

P = psi

HYDRAULIC FORMULAS FOR SPRINKLERS

DISCHARGE FROM NOZZLES

$$G.P.M. = \sqrt{P} \times D^2 \times 29.82 \times C$$

$$D = \sqrt{\frac{G.P.M.}{C \times \sqrt{P} \times 29.82}}$$

$$P = \left[\frac{G.P.M.}{C \times D^2 \times 29.82} \right]^2$$

G.P.M. = Gallons Per Minute

D = Diameter of nozzle in inches

P = Pressure in pounds per square inch

C = Coefficient of discharge

LOSS OF PRESSURE THROUGH SPRINKLER AND NOZZLE

$$L = P - (C \times P)$$

$$C = \frac{P - L}{P}$$

L = Lost pressure

P = Gage Pressure

C = Coefficient of discharge

PRECIPITATION

$$Pr. = \frac{G.P.M. \times 96.3}{A}$$

$$G.P.M. = \frac{Pr. \times A}{96.3}$$

Pr. = Precipitation in inches per hour

A = Area or Distance between sprinklers on line x distance between lines

G.P.M. = Gallons per minute per sprinkler

96.3 = inches per sq. ft. per hour

Derived as follows:

One gallon = 231 cu. inches - 144 sq. in. per sq. ft.

$$\frac{231}{144} = 1.604 \text{ inches per sq. ft. per gallon per min.}$$

$$1.604 \times 60 \text{ min.} = 96.3 \text{ inches per sq. ft. per hour.}$$

VELOCITY

$$V = \sqrt{\frac{P}{.00674}}$$

$$P = .00674 \times V^2$$

$$V = \frac{G.P.M.}{2.45 \times D^2}$$

V = Velocity in feet per second

P = Pressure in lbs.

D = Dia. of pipe or nozzle in inches

POWER FORMULA

1 H.P. = 550 foot pounds per second

= 746 watts or 0.746 KW

= 1 second foot of water falling 8.8'

Water H.P. = $\frac{\text{Second foot of water} \times \text{head in feet}}{8.8}$

$$= \frac{\text{Gal. per min. of water} \times \text{head in feet}}{3960}$$

Brake H.P. = $\frac{\text{Water H.P.}}{\text{Eff. of Pump}}$

1 kilowatt (kw) = 1000 watts

= 1.341 H.P.

= 737.5 foot pounds per second

NOTES

A column of water 1 foot high equals .4331 pounds pressure.

1 pound pressure equals a column of water 2.309 feet high.

1 acre equals 43,560 square feet.

1 acre inch equals 27,154 gallons.

1 cubic foot equals 7.48 gallons.

The height of an equilateral triangle is .866 times its base.

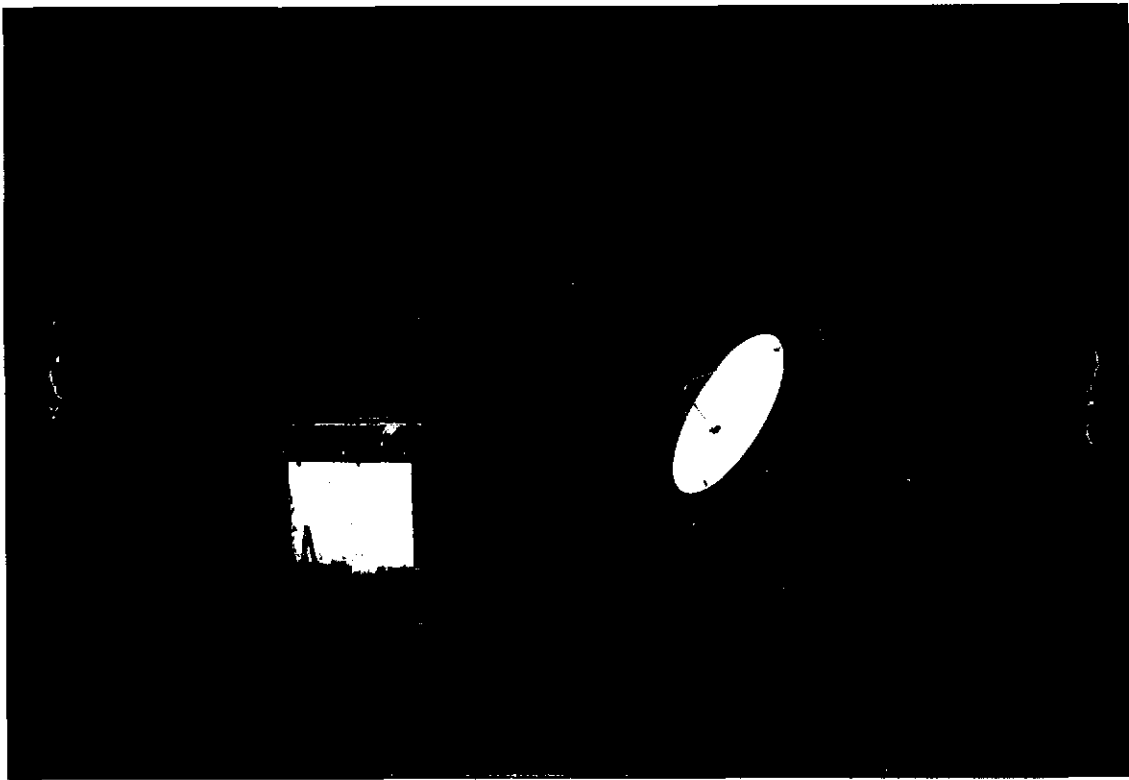
The discharge of a nozzle is in proportion to the square of its diameter and the square root of the pressure.

For greatest economy a pipe system should be so designed that the annual cost of power lost by pipe friction equals 40% of annual fixed cost of pipe.

MICROFILMED

OCT 19 1990

SL
3/22/90



Looking West

MICROFILMED

Well House @ P/D OCT 19 1990

Looking North





P/u Looking West

RECEIVED

OCT 18 1950

P/u Looking South





State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

2735 Airport Way
Boise, Idaho 83705
(208) 334-2190

October 15, 1987

63-9917
PARKER, WILLIAM V.
C/O GLENN M. LEE
P.O. BOX 489
FRUITLAND, ID 83619

Dear Applicant(s):

We acknowledge receipt of your statement submitted as proof as beneficial use for the above-referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office.

Sincerely,

Judy Pense
Secretary

/jp

MICROFILMED

OCT 19 1990

RECEIVED
AUG 27 1987

STATE OF IDAHO

Department of Water Resources

DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

For Office Use Only
Fee Received _____
Date _____
Receipt # _____
Receipt by _____
Reviewed by _____
Sent to region _____

See proof submitted
7-31-87 by

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 63-9917

Name(s) of Permit Holder: Parker, William V.

Post Office Address: c/o Glenn M. Lee, Attorney at Law, PO Box 489, Fruitland,

ID 83619 Telephone No. 452-4000

Source of Water: Well

Extent of Use:

Domestic 1-- .04cfs (number of households) Stockwater _____ (number and type of stock)
Irrigation 26-- .52cfs (acres) Other/Remark _____

Total rate and/or volume for which proof is submitted .56 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: June, 1982

Measuring Device: Required? ☐ Yes ☒ No
Installed? ☐ Yes ☒ No Fee enclosed \$ \$100.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? ☐ Yes ☒ No
Installed? ☐ Yes ☒ No

Person to contact to accompany the Department representative during the field examination:

Glenn M. Lee, Attorney at Law 452-4000
(Name) (Telephone Number)

PO Box 489 Fruitland, ID 83619
(Address)

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Estate of WILLIAM V. PARKER, Deceased.

July 30 1987
Date

By: Elizabeth J. Ponger, P.R.
Signature of Permit Holder (and title, if appropriate)
Personal Representative

STATE OF IDAHO } ss
County of Payette }
I hereby certify that the foregoing instrument is
a true and correct copy of the original on file in
this office.

Dated August 24 19 87
Laura L. Stigile
Clerk of the District Court

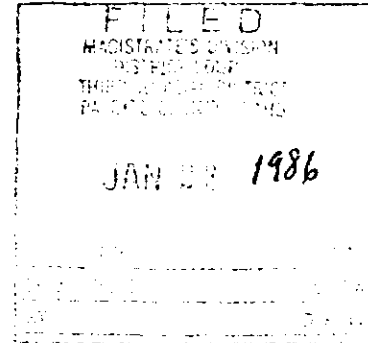
By [Signature]
Deputy Clerk of Magistrate Div.

RECEIVED

AUG 27 1987

Department of Water Resources

GLENN M. LEE
Attorney at Law
P. O. Box 489
Fruitland, ID 83619-0489
208/452-4000



IN THE DISTRICT COURT OF THE THIRD JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF PAYETTE

MAGISTRATE DIVISION

In the Matter of the Estate)
of)
WILLIAM V. PARKER,)
Deceased.)

Case No. E-1245

LETTERS TESTAMENTARY

The will of WILLIAM V. PARKER having been admitted to
informal probate, ELIZABETH JANE POAGE is hereby appointed Personal
Representative of the estate of WILLIAM V. PARKER, deceased.

/s/ WILLIAM D. JORDAN
WITNESS: Magistrate, Magistrate of the
above-entitled Court, with the seal thereof affixed the 23rd day
of January, 1986.

MICROFILMED

OCT 19 1990

STATE OF IDAHO)
County of Payette) ss:

/s/ WILLIAM D. JORDAN
Magistrate
Magistrate

I hereby accept the duties of Personal Representative of
dlk-LETTERS TESTAMENTARY

the estate of WILLIAM V. PARKER, deceased, and do solemnly swear that I will perform, according to law, the duties of Personal Representative.

/s/ ELIZABETH JANE POAGE

ELIZABETH JANE POAGE

Subscribed and sworn to before me, this 23rd day of January, 1986.

(SEAL)

/s/ GLENN M. IEE

Notary Public for Idaho

Residing at: Fruitland, Idaho

Commission expires: 12-12-87

MICROFILMED

OCT 19 1990

STATE OF IDAHO
Department of Water Resources

No 44137

Boise, Idaho, Aug 3, 1987

RECEIVED
FROM

Estate of Wm V. Pappas or Hartland \$ 100⁰⁰
One Hundred & no/100 DOLLARS

FOR

<u>Proof fee</u>	\$	
<u># 63-9917</u>	\$	
<u>06-20-122-1338</u>	\$	
	\$	
	\$	
TOTAL . . .	\$	<u>100</u>

Pd ck
268

ck 268 92-336/241
RECEIVED

AUG 5 1987

GLENN M. IFF

Roberta L. Iff

MICROFILMED

OCT 19 1990

GLENN M. LEE
ATTORNEY AND COUNSELOR AT LAW
TREASURE VALLEY BANK PLAZA
GAYWAY JUNCTION
16TH AND WHITLEY
FRUITLAND, IDAHO
(208) 452-4000

AUG 27 1987

Department of Water Resources
MAILING ADDRESS:
POST OFFICE BOX 489
FRUITLAND, ID 83619-0489

August 25, 1987

Rita Fleck
DEPARTMENT OF WATER RESOURCES
Statehouse
Boise, ID 83720

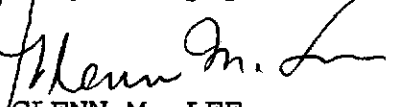
Re: Permit No. 63-9917
PARKER, William V.

Dear Rita:

On July 30, 1987, I sent you a "Proof of Beneficial Use", together with a check for the license examination fee. I signed the Proof of Beneficial Use as attorney for the estate, because the personal representative of the estate resides out of the area. However, I have now obtained a Proof of Beneficial Use signed by the personal representative of the estate, and I am forwarding it, together with a certified copy of her Letters Testamentary, and a copy of the Receipt No. 44137 issued by your office, for your convenience.

If you have questions or I can be of assistance to you, please advise.

Very truly yours,

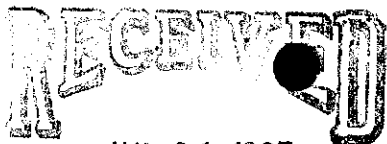


GLENN M. LEE
Attorney at Law

GML:dlk
Enclosure

MICROFILMED

OCT 19 1990



JUL 31 1987

Department of Water Resources

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

For Office Use Only
Fee Received \$100.00
Date 8-3-87
Receipt # 44137
Receipt by [signature]
Reviewed by [signature]
Sent to region

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 63-9917

Name(s) of Permit Holder: Parker, William V. ✓

Post Office Address: c/o Glenn M. Lee, Attorney at Law, PO Box 489, Fruitland, ✓

ID 83619 Telephone No. 452-4000

Source of Water: Well ✓

Extent of Use:

Domestic 1-- .04cfs (number of households) ✓ Stockwater _____ (number and type of stock)
Irrigation 26-- .52cfs (acres) ✓ Other/Remark _____

Total rate and/or volume for which proof is submitted .56 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: June, 1982

Measuring Device: Required? Yes ☒ No ☐
Installed? Yes ☐ No ☐ Fee enclosed \$ \$100.00
(See License Examination Fee Schedule)

Flow Measurement Port: Required? Yes ☒ No ☐
Installed? Yes ☐ No ☐

Person to contact to accompany the Department representative during the field examination:

Glenn M. Lee, Attorney at Law 452-4000
(Name) (Telephone Number)

PO Box 489 Fruitland, ID 83619
(Address)

The above information is my true statement of the extent to which the above numbers permit holder(s) has developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Estate of WILLIAM V. PARKER, Deceased

July 30, 1987 By: [signature]

Date Signature of Permit Holder (and title, if appropriate)
GLENN M. LEE, Attorney for Estate

MICROFILMED
AUG 20 1987

RECEIVED

JUL 31 1987

GLENN M. LEE
ATTORNEY AND COUNSELOR AT LAW
TREASURE VALLEY BANK PLAZA
GAYWAY JUNCTION
16TH AND WHITLEY
FRUITLAND, IDAHO
(208) 452-4000

Department of Water Resources

MAILING ADDRESS:
POST OFFICE BOX 489
FRUITLAND, ID 83619-0489

July 30, 1987

Rita Fleck
DEPARTMENT OF WATER RESOURCES
Statehouse
Boise, ID 83720

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Receipt No. P656 696 132

Re: Permit No. 63-9917
PARKER, William V.

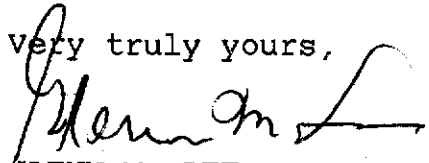
Dear Rita:

Mr. William V. Parker is now deceased. I represent Mr. Parker's estate, and am enclosing herewith on behalf of the estate a "Proof of Beneficial Use" and the estate's check number 268 in the amount of \$100.00 to cover the license examination fee.

Earlier today I spoke with Steve Lester on the telephone regarding this matter and told him that the well and irrigation system for the orchard are developed and are in use, but that the house has not been built. However, the estate is in the process of selling the property, and the purchasers are immediately going to commence construction of a house on the property, so there will be domestic use within the next few months. Therefore, Steve advised me to file the "Proof of Beneficial Use" on the basis of the application (i.e. .52cfs for 26 irrigated acres and .04cfs for domestic use). He also told me that he would put a note in the file regarding our communication, so that the field examination will not be done until 1988, to insure that the house will have been built and there will be domestic use.

If you have questions or I can be of assistance to you, please contact our office.

Very truly yours,


GLENN M. LEE
Attorney at Law
GML:dlk
Enclosures

MICROFILMED

AUG 20 1987

● T A T E O F I D A H O ●

DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL
MAY 31, 1987

138557

PARKER, WILLIAM V.
RT. 1 BOX 238
FRUITLAND, ID 83619

PROOF DUE NOTICE

RE: PERMIT NO. 63-9917

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF THE ABOVE REFERENCED WATER PERMIT WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE AUGUST 1, 1987. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST.) ENCLOSED IS A FORM WHICH WHEN ACCOMPANIED BY THE LICENSE EXAMINATION FEE OR A COMPLETED FIELD EXAMINATION REPORT PREPARED BY A CERTIFIED WATER RIGHT EXAMINER MAY BE USED TO SUBMIT THE REQUIRED PROOF.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU OR A PREVIOUS OWNER OF THIS PERMIT HAVE NOT RECEIVED A PRIOR EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME IF THE DELAY IS FOR REASONABLE CAUSE AS PROVIDED IN SECTION 42-204, IDAHO CODE. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION WHICH MIGHT BRING TITLE TO THE WATER IN QUESTION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER AN ACCEPTABLE PROOF OF BENEFICIAL USE SUBMITTAL OR AN ACCEPTABLE REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

MICROFILMED

AUG 20 1987

ENCLOSURES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

PARKER, WILLIAM V.
RT. 1 BOX 238
FRUITLAND, ID 83619

AUGUST 17, 1982

RE: PERMIT NO. 63-9917

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

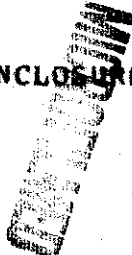
THE EXERCISE OF THIS PERMIT MAY ALSO BE AFFECTED BY THE SUPREME COURT'S REVIEW OF THE CASE OF IDAHO POWER COMPANY VS. STATE OF IDAHO, ET AL., ADA COUNTY CIVIL NO. 62237, CURRENTLY BEING APPEALED TO THE SUPREME COURT OF IDAHO. SINCE THE USE OF WATER UNDER YOUR PERMIT MAY AFFECT THE FLOWS IN THE SNAKE RIVER BETWEEN MILNER DAM AND HELLS CANYON THE FINAL DECISION IN THIS CASE MAY DETERMINE TO WHAT EXTENT THE EXERCISE OF YOUR PERMIT IS SUBJECT TO WATER RIGHTS OF IDAHO POWER. WHILE THE SUPREME COURT IS REVIEWING THIS CASE IDAHO POWER COMPANY HAS NOT FILED A SPECIFIC PROTEST TO YOUR PERMIT. HOWEVER, THE DEPARTMENT OF WATER RESOURCES HAS BEEN ADVISED THAT THE POWER COMPANY IS NOT WAIVING ANY OF ITS RIGHTS TO CONTEST OR LIMIT THE EXERCISE OF YOUR PERMIT OR SUBSEQUENT LICENSE.

WE HAVE ENCLOSED A FORM ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE



State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Jan Graver
CHECK:

APPLICATION NUMBER: 63-9917

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No
☐ Yes ☒ No
☐ Yes ☒ No
☐ Yes ☒ No*

Field check by: _____

Date: _____

Comments: _____

Field check required.

Critical groundwater area.

Request dam safety information. Sent by: _____ Date: _____

In form to receipt.

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☒ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☒ No
☒ Yes ☐ No
☒ Yes ☐ No*
☐ Yes ☐ No

Platted by: _____ Map No. _____

Other rights on same place of use. BLACK CANYON

In form for advertising.

Final date for protests: 7/19/82

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 7/14/82
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application. 48/24001
☒ Publication dates and paper, recorded on application. 7/18/82 Independent Enterprise
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No
☐ Yes ☒ No
☐ Yes ☒ No
☒ Measuring device required.
☒ Access port required.
☐ Will water be delivered by watermaster? If yes, what district? _____
6/22/82 Date of priority recommended.
Special conditions of approval or cover letter. I.P. GW letter

By: DBS

Date: 7/19/82

STATE OFFICE REVIEW:

SL/L11, L12, L05

76

- ☐ See attached sheet for more information.

By: [Signature]

Date: 7/28/82

RECEIVED

JUL 22 1982

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv. REACH
lot (R)

IDAHO STREAM CODE INDEX

I D A H O D E P A R T M E N T O F W A T E R R E S O U R C E S

WATER RIGHT
DATA ENTRY LOG[illegible]

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region

92 South Cole Road
Boise, Idaho 83709
(208) 334-2190

JUNE 24, 1982

Independent Enterprise
Box 520
Payette, ID 83661

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 19, 1982.

Yours truly,

HELEN L. HARRINGTON
Secretary

Encl.



NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 92 S. Cole Road, Boise, Idaho 83709 on or before JULY 19, 1982.

R. KENNETH DUNN

Director

Published 7/1 & 7/8/82.

63-9917-

PARKER, WILLIAM V.

RT. 1 BOX 238, FRUITLAND, ID 83619

Source: GROUNDWATER

Date Filed: 06/22/1982

Amount: 0.56 CFS

Diversion Point: NWNW Sec 22 T 07N R 05W, PAYETTE Co.

Use: IRRIGATION	(0.52 CFS)	from 03/15 to 11/15
DOMESTIC	(0.04 CFS)	from 01/01 to 12/31

Place of Use: NWNW Sec 22 T 07N R 05W FOR 26 ACRES

Diversion Means: WELL, PUMP, PIPELINE, SPRINKLER & DITCH

RECEIVED
JUN 23 1982
FBI - BUTTE