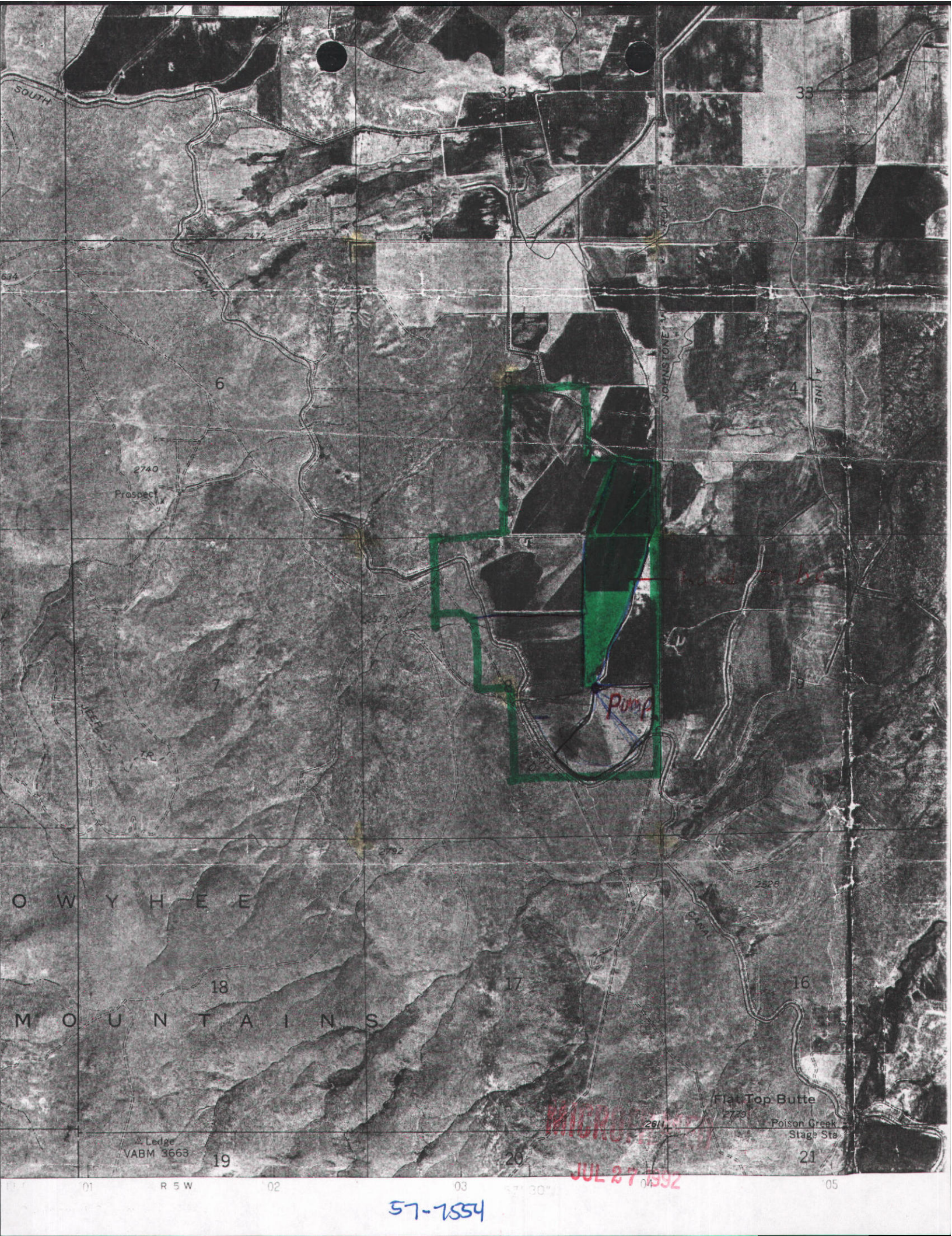




SOUTH

32

33

6

2740
Prospect

JOHNSTONE ROAD

4

Pump

LOWEY HILLS

18

17

16

MOUNTAINS

Ledge
VABM 3663

19

FLAT TOP BUTTE
2729

POISON CREEK
STAGE STA

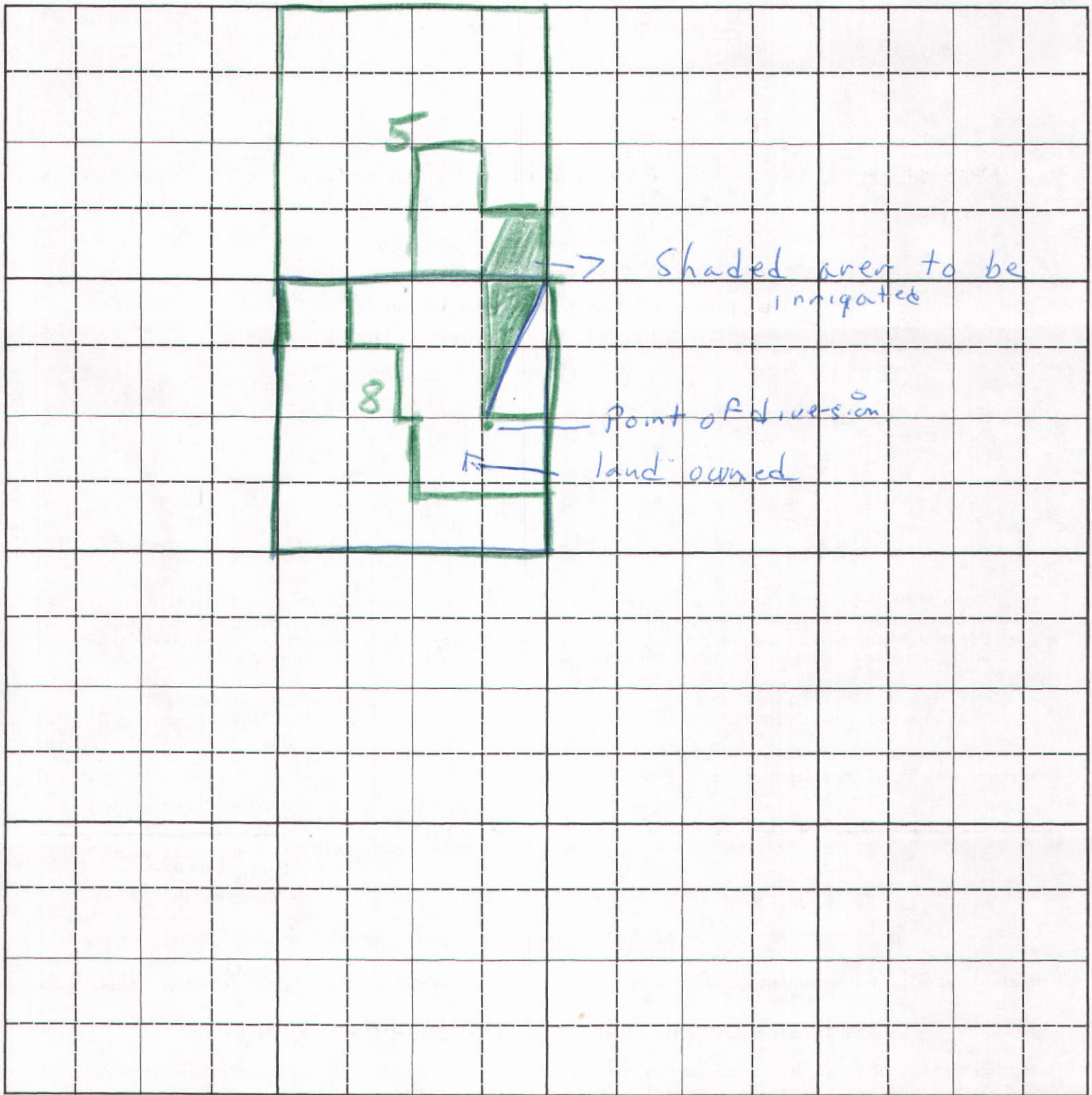
21

20

JUL 27 1992

57-1554

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



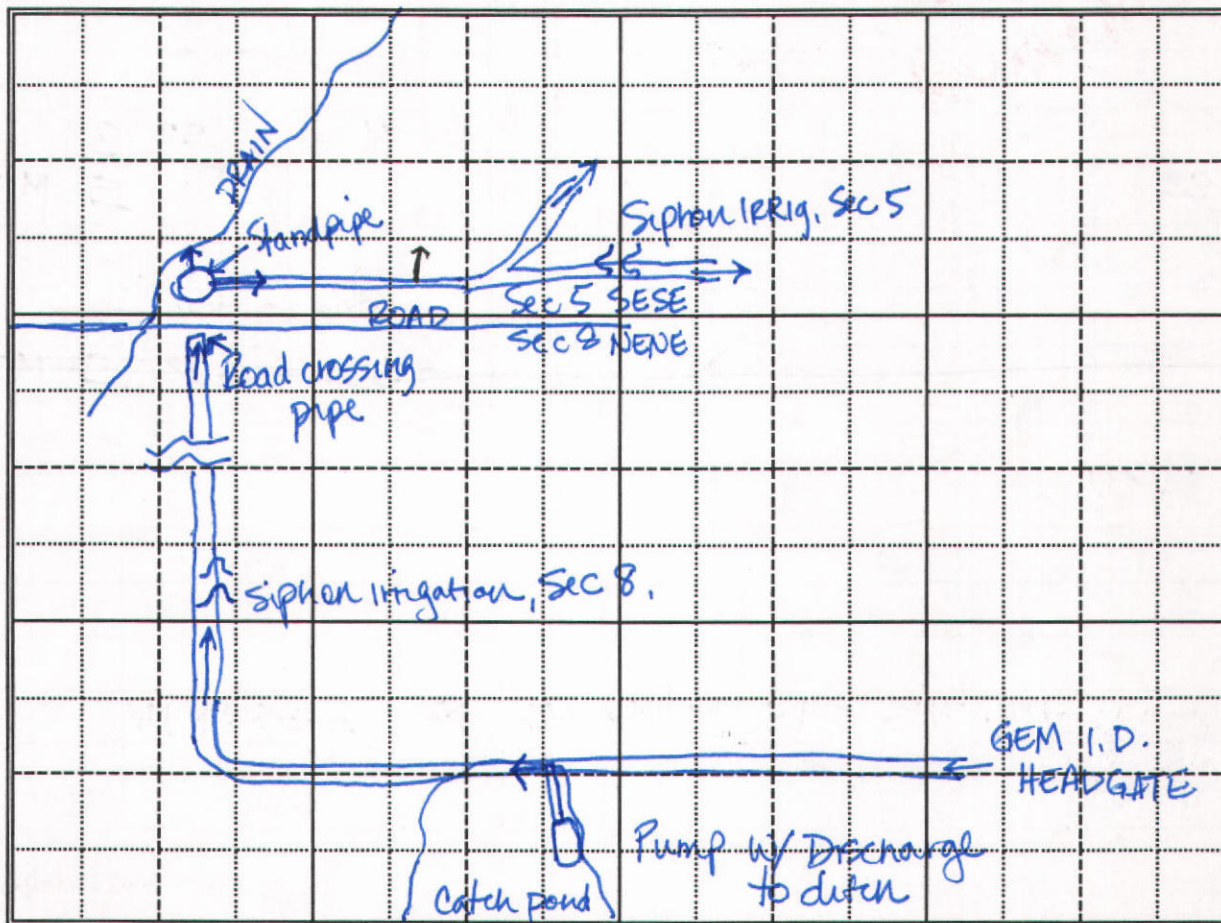
Scale: 2 inches equal 1 mile.

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.

JUL 27 1992

Bruce Maloney
(Applicant)

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

Aerial Photo Attached (required for irrigation of 10+ acres)

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
	MagneTek	7.5	6350079-03	Parma	8"

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter (Electronic)	Totalizing	Grain Land		12879		

2. Measurements: Lift 10' $\otimes$ discharge

~~Note per apper~~

Used float method/Trapezoidal Ditch $A = .75 \text{ ft}^2$ $V = 2.4 \text{ ft/sec}$

$Q = 1.8 \text{ cfs}$

See diagram, ~~last~~ last page. SEP 14 1995

PHOTO ID. X-53 Normedale

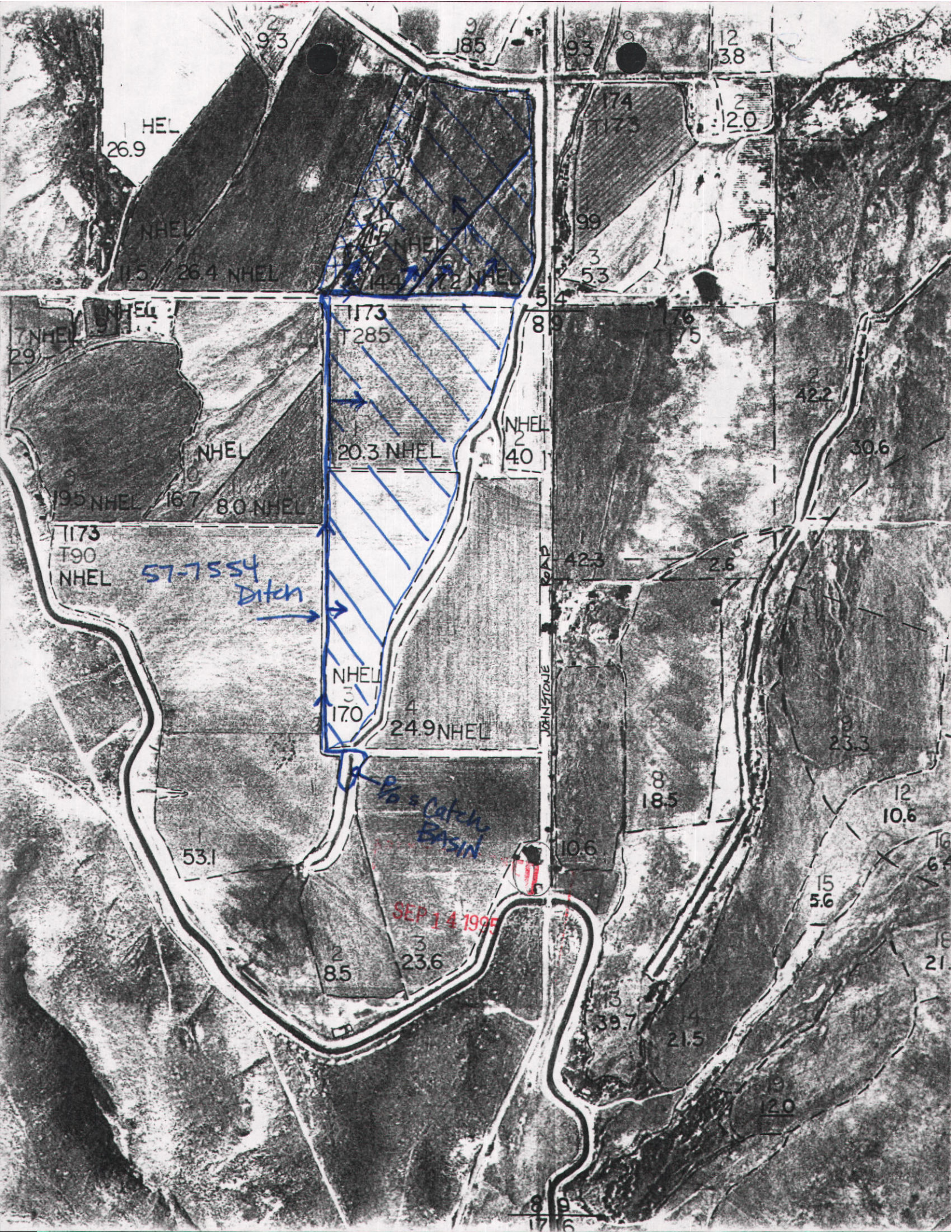
P/D 2N 5W 8 NESE

P/D 2N 5W 8 NESE

SCALE

PHOTO ID. X-53 Normedale

SEP 14 1995



51-7554

Flowmeter



P/O in
collection pond
Electric motor
w/ Parma
lifter. .
Electronic
flowmeter shown.



Sensor

Lift from P/O to ditch.
Flowmeter sensor on top
of pipe.

NOTED
SEP 14 1995

57-1554



←
P/u in
E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec 8
looking ~~not~~ North.
Flow in ditch
shown to
left.



← P/u in SE ^{SE}~~E~~
Sec 5.

Upper photo
shows
standpipe to
receiving
water from
road ~~&~~
siphon.



SEP 14 1995

Dear Sir

I bought this place this year from Alan Down who had bought it last year from John & Shirley Itano. Itano Farms Inc., Joe Itano Pres. have farmed the place for 30 years and the pump was in for at least 27 or that according to Joe. The Corporation sold and John got this place. When they sold they sold the pump so in the years 1990 and 1991 the water was not pumped but was used in all the previous years. The Power lines and pump base are still here. I own the land around this place and want to use the pump again

JUL 27 1992

Thank You
Bruce Malenberg

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 57-07554

Priority: January 14, 1992

Maximum Diversion Rate: 1.25 CFS
Maximum Diversion Volume: 271.4 AF

This is to certify, that BRUCE MALMBERG
RT 1 BOX 314

MARSING ID 83639 has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated January 14, 1992; and
has submitted Proof of Beneficial Use on July 20, 1993. An examination indicates
that the works have a diversion capacity of 1.800 cfs of water from:

WASTE WATER tributary to JUMP CREEK

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	1.20 CFS	270.0 AF
STOCKWATER	01/01 to 12/31	0.05 CFS	1.4 AF
	Totals	1.25 CFS	271.4 AF

LOCATION OF POINT(S) OF DIVERSION: NESE, Sec. 8, Township 02N, Range 05W
OWYHEE 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>
02N	05W	5	SESE 23			23
		8	NENE 25	SENE 12		37

Total number of acres irrigated: 60

PLACE OF USE:

STOCKWATER, same as IRRIGATION use

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 that 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.

SEP 14 1995

State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 57-07554

CONDITIONS/REMARKS:

5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. This right to divert waste water is subject to cancellation if the other surface water right appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
7. Stockwater use is for 100 range cattle.

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 24TH day of AUGUST, 1995.

Acting for


KARL J. DREHER, Director

SEP 14 1995

RECEIVED
JUL 20 1993
Department of Water Resources

OFFICE USE ONLY
Amt. of Fee \$ 125.00
Date 7-20-93
Receipt No. 028176
Receipt by CA

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have 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, when necessary, or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 57-07554 Telephone No. (208) 896-4431
2. Name(s) of Permit Holder(s): Bruce Malmberg
3. Mailing Address: Rt one Box 314 Marsing Idaho 83639
4. Source of Water: Waste water Pond

If **GROUNDWATER**, Well Driller's Name: _____ Date Drilled: _____

OPTIONAL:

Pump horsepower: 7.5 Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic _____ (No. of households) Stockwater 100 hd cattle (No. and type of stock)
Irrigation 71 (No. of acres) Other _____

6. Total rate and/or volume for which proof is submitted 1.47 cfs OR _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? ☐ Yes ☒ No Installed? ☐ Yes ☐ No

OR

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

8. Fee Enclosed: \$ 125.00 (See License Fee Schedule on back of Instruction Sheet)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name Bruce Malmberg Telephone No. 896-4431
Address Rt one Box 314 Marsing Idaho 83639

10. 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.

RECEIVED

Date July 16 1993 Signature Bruce Malmberg
(and title, if on behalf of a company or organization)

AUG 26 1993

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 57-07554

Proposed Priority: January 14, 1992 Maximum Diversion Rate: 1.47 CFS

This is to certify, that **BRUCE MALMBERG**
RT 1 BOX 314
MARSING ID 83639

has applied for a permit to appropriate water from:

WASTE WATER tributary of **JUMP CREEK**

and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	03/15 to 11/15	1.42 CFS
STOCKWATER	01/01 to 12/31	0.05 CFS
Totals		1.47 CFS

LOCATION OF POINT(S) OF DIVERSION: NWNESE , Sec. 8, Township 02N, Range 05W
OWYHEE County

<u>PLACE OF USE:</u> IRRIGATION						
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
02N	05W	5	SESE 35			35
		8	NENE 20	SENE 16		36
Total number of acres irrigated:						71

PLACE OF USE: STOCKWATER, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 2, 1993.
2. Subject to all prior water rights.
3. A flow measurement port or other device as specified by the Department shall be installed by the right holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
4. The rate of diversion of water for irrigation under this right and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
5. This right to divert waste water is subject to cancellation if the other surface water right appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
6. This permit does not authorize the development and irrigation of new land not previously irrigated.
7. Stockwater use is for 100 range cattle.

MICROFILMED

JUL 27 1992

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 57-07554

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

21st day of July, 1992

R. Keith Higginson
for R. Keith Higginson, Director

MAILED 15 JUL 1992

31 7 002

Ident. No. 57-07554

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: BRUCE MALMBERG 208-896-4431
Address: RT 1 BOX 314
MARSING ID 83639
2. Source: WASTE WATER Trib. to: JUMP CREEK
3. Location of Point of Diversion: NWNESE Sec. 8, Township 02N, Range 05W
OWYHEE County
4. Water will be used for the following purposes:
- | Purpose | From | To | CFS | (or) | AF |
|------------|-------|-------|-------|------|----|
| IRRIGATION | 03/15 | 11/15 | 1.420 | | |
| STOCKWATER | 01/01 | 12/31 | 0.050 | | |
5. Total quantity to be appropriated is:
~~1.490~~ CFS (and/or) AF
1.47 database correction 7/23/92 g4
6. Proposed diverting works:
- Description of ditches, flumes, pumps, headgates, etc.
PUMP IN DITCH, PIPELINE TO SPRINKLERS
 - 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.
 - Proposed well diameter is inches; proposed depth of well is
feet.
 - Is groundwater with a temperature greater than 90F being sought? NO
7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 1 years.
8. Description of proposed uses:
IRRIGATION AND STOCKWATER
9. Place of Use: IRRIGATION

TWN	RGE	SEC	ACRES	ACRES	ACRES	TOTAL
02N	05W	5	SESE 35			35
		8	NENE 20	SENE 16		36

Total number of acres irrigated: 71

RECEIVED

JUL 27 1992

Place of Use: STOCKWATER, same as IRRIGATION use

10. Describe any other water rights used for the same purposes.

GEM IRRIGATION DISTRICT

11. 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.

12. Remarks:

Stockwater use is for 100 head cattle.

13. Map of proposed point of diversion and place of use attached? ☒

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.

See original
Applicant

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ _____ Receipted by _____ # _____ Date _____

Publication prepared by _____ Date _____ Published in _____

Publication approved _____ Date _____

RECORDED
JUL 27 1992

JUL 27 1992



SOUTH

3

Stage 5

21

F W

07

0741

57-1854

RECEIVED

Form 202
6/85

JAN 14 1992

STATE OF IDAHO

Ident No 57-07554Department of Water Resources
Western Regional Office**DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT****To appropriate the public waters of the State of Idaho**

1. Name of applicant Bruce Malmberg Phone 208-896-4431
Post office address Rt one Box 314 Marsing Id 83639
2. Source of water supply waste water from Gem irrigation district which is a tributary of Jump Creek
3. Location of point of diversion is NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot _____
Sec. 8 Township 2 North Range 5 West B.M. Owyhee County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
allow 1.42
Amount 1.2 for Irrigation purposes from March 15 to Nov 15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount .05 for Stock purposes from VI 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) 1.42 1.47 and/or (b) 101-200
cubic feet per second acre feet per annum
6. Proposed diverting works:
- a. Description of ditches, flumes, pumps, headgates, etc. This is a place I bought and had an existing power line and a place for pump which was used for around 25 years till the owners sold. The place I'll be pumping is an open ditch that catches waste water
- b. Height of storage dam 5-7 ft N/A feet; active reservoir capacity 1.2 acre-feet, total
reservoir capacity 1.2 acre-feet; period of year when water will be diverted to storage:
March to Nov inclusive.
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 90°F being sought? No
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
1992 1 yr years (minimum 1 year).

RECEIVED

JUL 27 1992

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

- a Hydropower; show total feet of head and proposed capacity in KW. _____
- b Stockwatering, list number and kind of livestock 100 hd will also be able to use water
- c Municipal, show name of municipality. _____
- d Domestic, show number of households. _____
- e Other; describe fully _____

9. Description of place of use

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below
- b If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below See instructions for standard symbols.

TWP	RANGE	SEC	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
2N	5W	8	20	16		16													36
2N	5W	5																35	35

Total number of acres to be irrigated 71

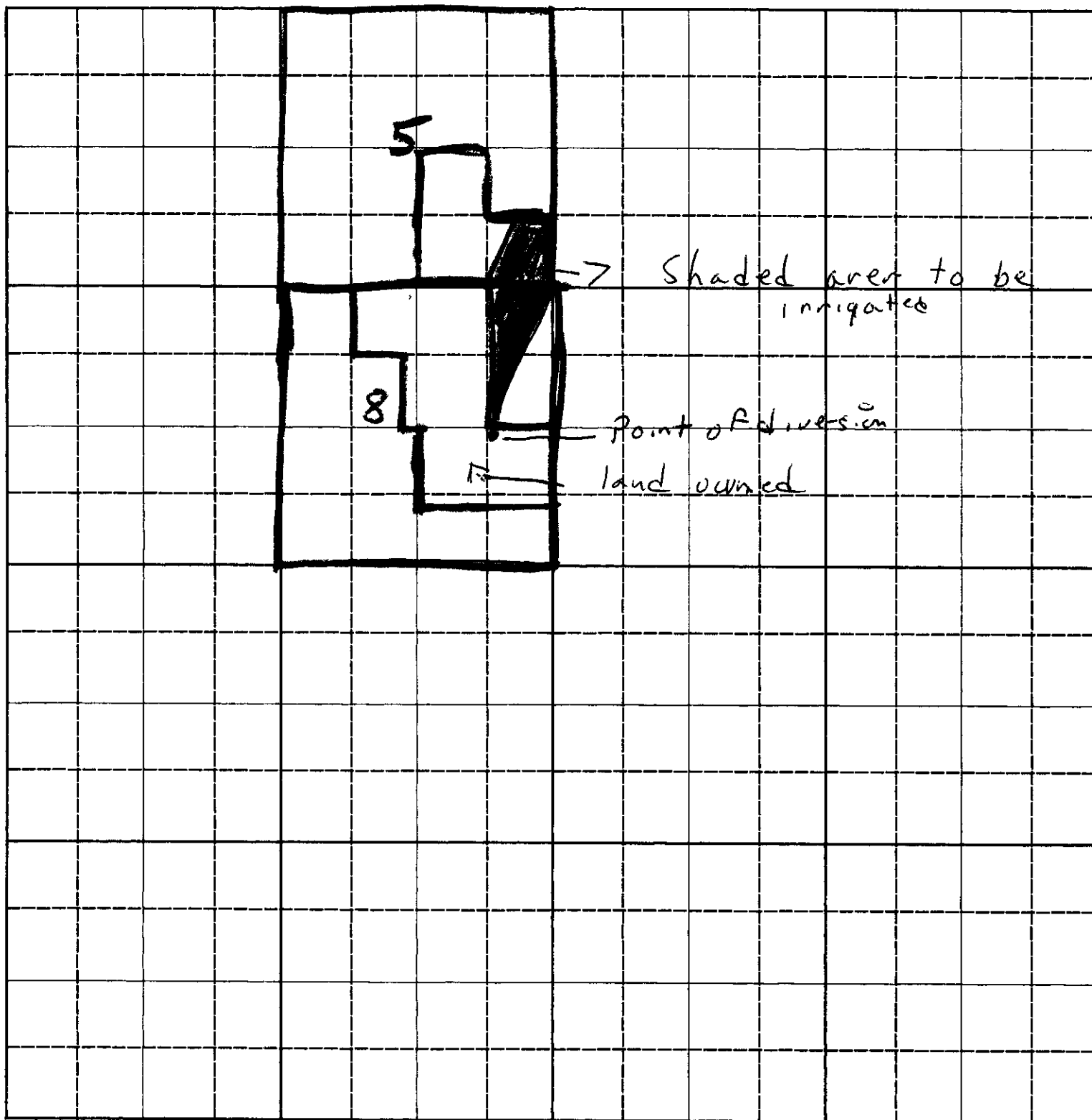
- 10 Describe any other water rights used for the same purposes as described above. Gem Irrigation District water
11. a. Who owns the property at the point of diversion? Bruce Malmberg
- b. Who owns the land to be irrigated or place of use? Bruce Malmberg
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: Adjudication claim to be filed on 35 ac from same P.D.
Additional 35 Acres in SE¼ Sec 8

MICROFILMED

JUL 21 1992

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

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

JUL 27 1992

Bruce Maloney
(Applicant)

Received by MM Date 01-14-92 Time 11:15am Preliminary check by CJH
Fee \$ 65⁰⁰ Receipted by JAD # W014007 Date 1-14-92
Publication prepared by GG Date 1-29-92 Published in Owyhee Avalanche
Publication approved et Date 2-5-92 ^{2/5 & 2/12/92}

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. _____, and said application is hereby _____.

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 _____, 19 ____.

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:

JUL 27 1992



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

August 25, 1995

BRUCE MALMBERG
RT 1 BOX 314
MARSING ID 83639

RE: WATER RIGHT NO. 57-07554

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

MAILED

SEP 14 1995

LICENSE REVIEW CHECKLIST

PERMIT NO. 57-07554 DATE 8-15-95



NAME Change OK ☒ Or Address Change? ☐

PRIORITY DATE Advance? ☒ Advanced to: Order to reinstate needed? Incorrect fee for rate recommended? NO

SOURCE Changes or just clarification of originally intended source? ☒ Notice of Intent to Void necessary? NO

POINT OF DIV Amendment needed? ☒ Overlaps? NO

PLACE OF USE Amendment needed? ☒ Overlaps? Gem Irrigation Water

DIV RATE Permit/fee limits: 1.47 CFS Meas Q = 1.8 Theo Q = 1.86 Recommend: 1.25
60 x .02 = 1.20 STOCK OK @ .05
 Combined rates exceed capacity NO

ANNUAL VOLUME Volume Limit: Season: D/4.5 (3-15 to 11-15)
Calculations: 60 x 4.5 = 270
STOCK (purchant) = 1.4
 Flow limit: cfs x 1.9835 =
 Combined volumes exceed capacity/allowable NO

USES Change in Nature of Use or additional uses? ☒ Amendment necessary? NO

ADDITIONAL INFO Supplemental Groundwater PPU Scenario
Irr/Dom Combination Shared G/W System

NEW REMARKS Multiple p/d(s) in 1/4 1/4? Other

NEW CONDITIONS Watermaster control - District
Measuring/Locking Devices
R32 Irrigation Overlap
Other
Water Quality Heat/Cool/Fish verified

COMMENTS: REDUCE ACRES and rate.

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	Adjustment Memo Needed	LICENSE
<u>Irrigation</u>	<u>1.2</u>	<u>270</u>	<u>NO</u>	<u>NO</u>	☒
<u>Stockwater</u>	<u>.05</u>	<u>1.4</u>			
<u>Total</u>	<u>1.25</u>	<u>271.4</u>			
			1ST AMEND LETTER		
			2ND AMEND LETTER		

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

JUN 13 1994

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 57-7554

1. Owner: BRUCE MALMBERG Phone No. 896 4431

Current Address: Rt 1 Box 314 Marsing ID 83639

2. Accompanied by: owner EXAM DATE: 4/22/94

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Waste Water tributary to Jump Creek.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Gem Irrigation

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NW	NE	SE	8	2N	SW	Onlyhee	Map, Site Visit

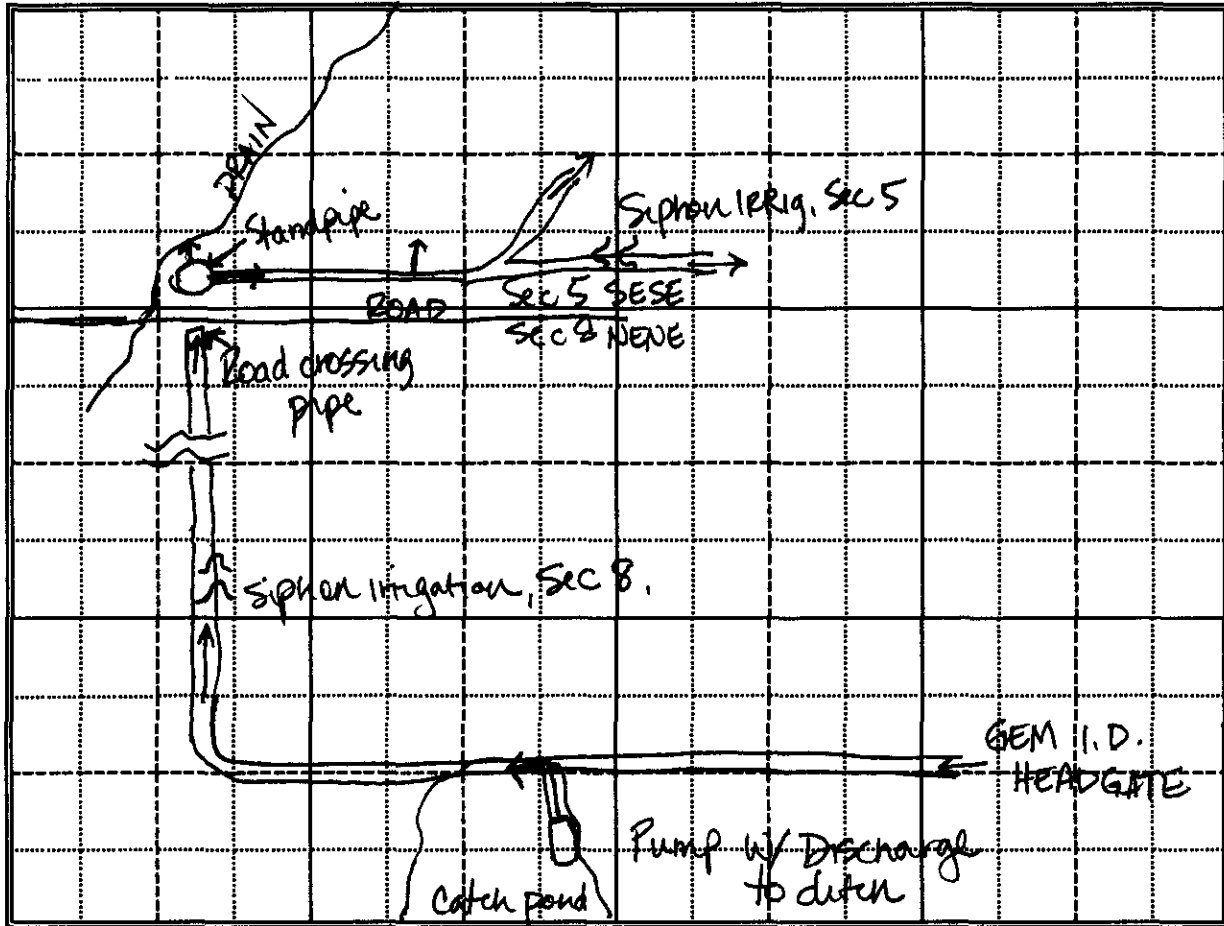
2. Place(s) of Use:

Indicate Method of Determination Above

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
~~2N~~	~~5W~~	~~5~~	~~25~~			~~12~~													~~37~~
		~~8~~	see below																
2N	5W	5																23	23
		8	25			12													37
																			60

SEP 14 1995

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.D. as applicable.



Scale: 1" = _____

Copy of USGS 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)

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
	Magnetek	7.5	6350079-03	Parma	8"

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter (Electronic)	Totalizing	Grain Land		12879		

2. Measurements: Lift 10' @ discharge ~~Note per apper~~

Used flat method / trapezoidal Ditch $A = .75 \text{ ft}^2$ $V = 2.4 \text{ ft/sec}$
 $Q = 1.8 \text{ cfs}$
 See diagram, ~~below~~ last page. SEP 14 1995

E. NARRATIVE/REMARKS/COMMENTS

A catch pond collects waste water from various sources and water is relifted via Parma Waterlifter to cement ditch for gravity Siphon irrigation. Use is supplemental to Gem I.D. ^{grapes} which ^{are} used on these and other lands.

Flows travel north through Sec 8 and cross road via a siphon into Standpipe. Standpipe may discharge into Sec 5 concrete ditch flowing east or into drain. Sec 5 lands not irrigated yet this year, but have been irrigated previous years.

Flowmeter found, but was not operating properly. A physical flow measurement was performed.

Stockwater is for 100 range cattle.

Per permit holder: Based on power demand, pump is operating at the equivalent of approx 3HP. (from Idaho Power assessment)

~~Standpipe is not operational~~

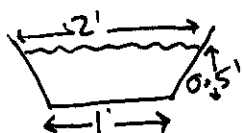
Have conditions of permit approval been met? ☒ yes ☐ no

APPROVED

SEP 14 1995

F. FLOW CALCULATIONS

Measured Method:



$$A = \frac{(1+2) \times .5}{2} = .75 \text{ ft}^2$$

$$V = 24 \text{ ft in } 10 \text{ sec} = 2.4 \text{ ft/sec}$$

$$Q = VA = 1.8 \text{ cfs}$$

Additional Computation Sheets Attached

Check: HP equation

$$\frac{3 \times 8.8 \times .7}{10} = 1.85 \text{ cfs}$$

→ reduced effective HP.
See remarks.

G. VOLUME CALCULATIONS

1 Volume Calculations for Irrigation:

$$60 \text{ acres} = 1.2 \text{ cfs}$$

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 60 \times 4.5 = 270$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1.2 \times 246 \times 1.9835 = 585$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 270$$

2. Volume Calculations for Other Uses:

Stockwater, 100 range (from table) 1.4 AF

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRR	3/15	11/15	1.20	270.0
STOCK	1/1	12/31	.05	1.4
Totals:			1.25	271.4

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

I. AUTHENTICATION

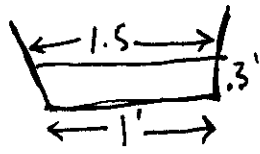
Field Examiner's Name Cindy J. Hodges Date 4/27/94

Reviewer _____ Date _____

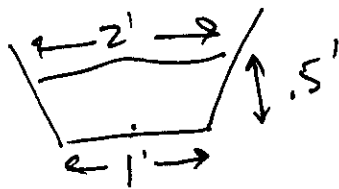
SEAL

SEP 14 1995

PERMIT 57-7554 INIT RC
T. R. S. Q/Q
P/D 2N 5W 8 NESE
SCALE _____
PHOTO ID. X-53 Harmedale



$$\frac{(1 + 1.5)}{2} \times .3 = .95 \text{ ft}^2$$

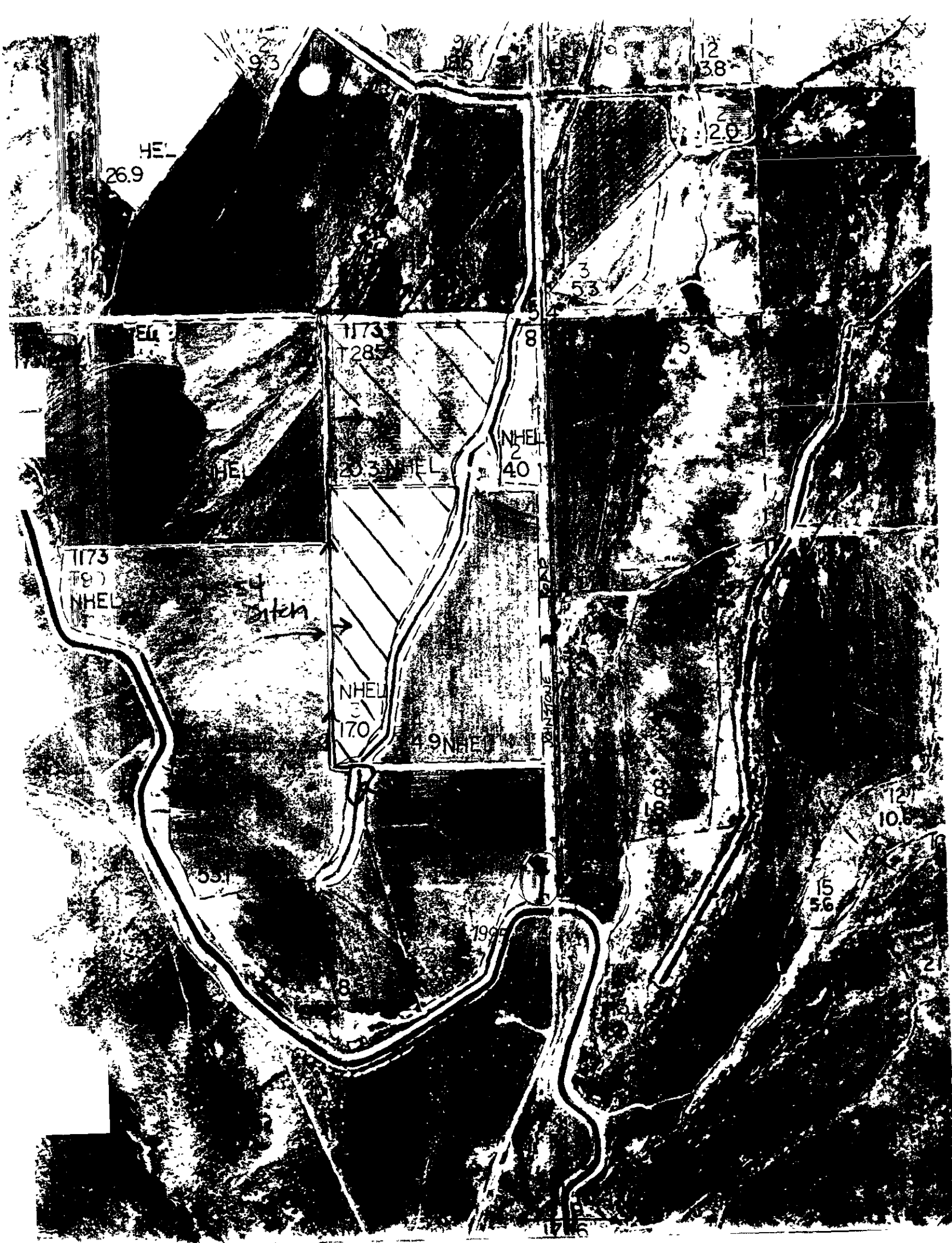


$$1.5 \times .5 = .75 \text{ ft}^2 = A$$

$$V = 24 \text{ ft in } 10 \text{ sec} = 2.4 \text{ ft/sec}$$

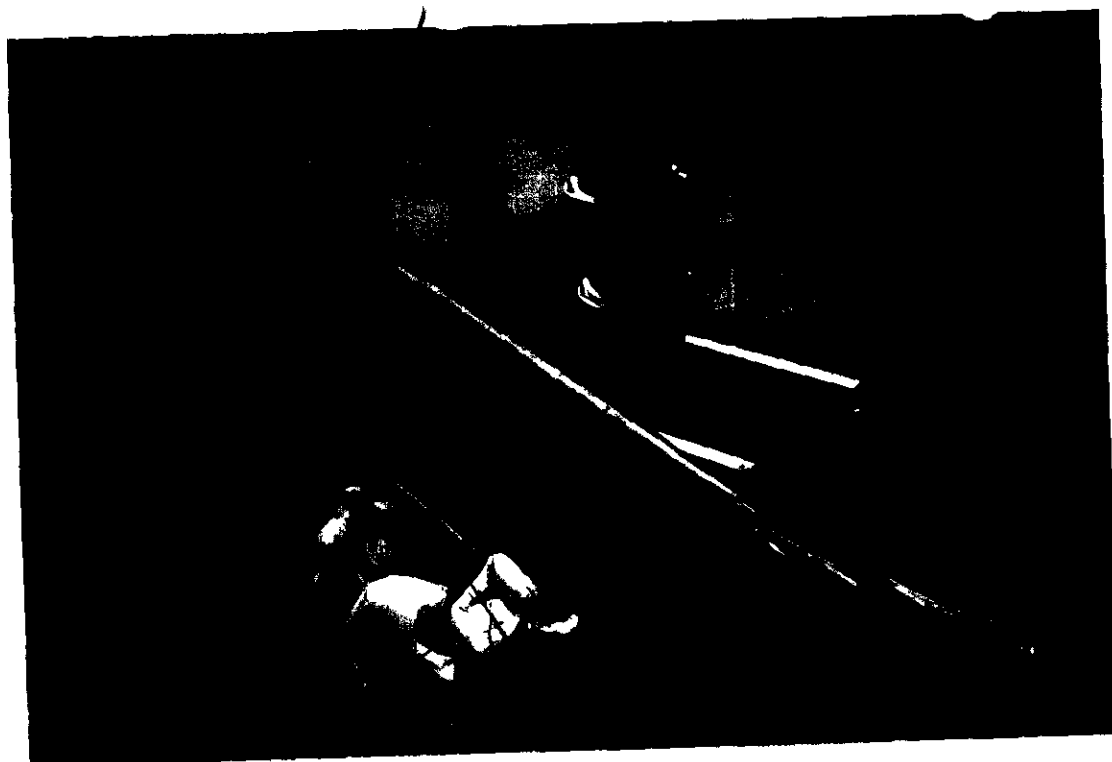
$$Q = 1.8 \text{ CFS}$$

SEP 14 1995

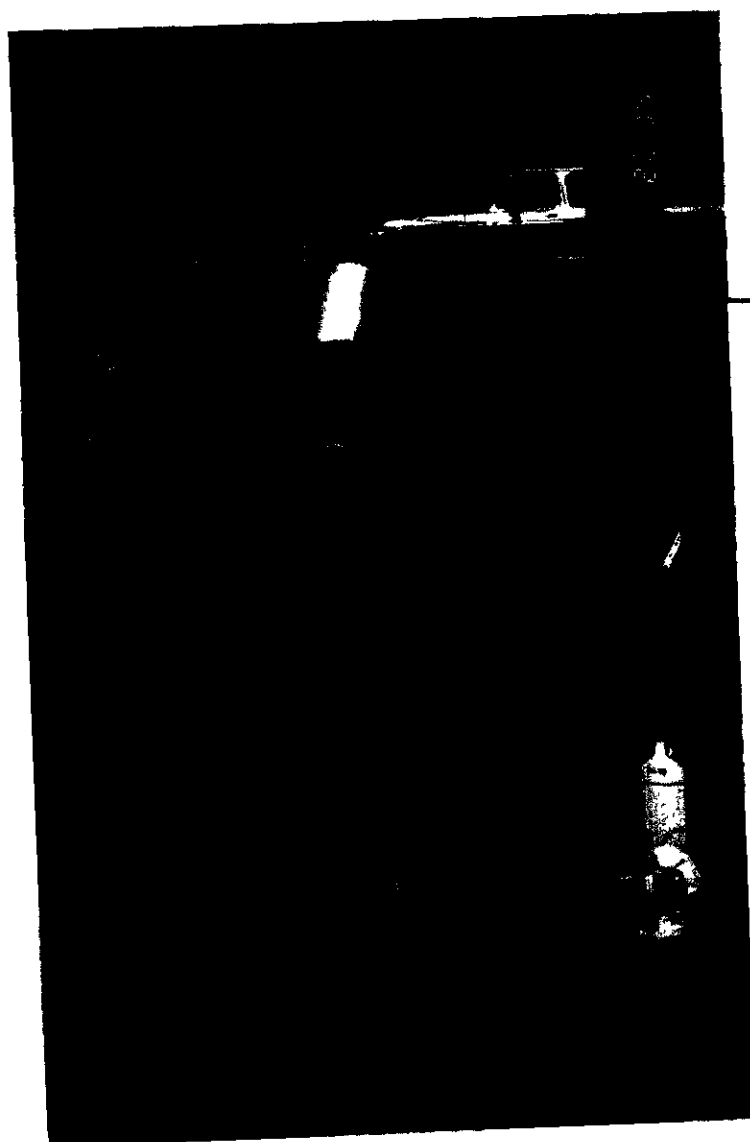


57-7554

Flowmeter



P/O in
collection pond
Electric motor
w/ Parma
lifter.
Electronic
flowmeter shown.

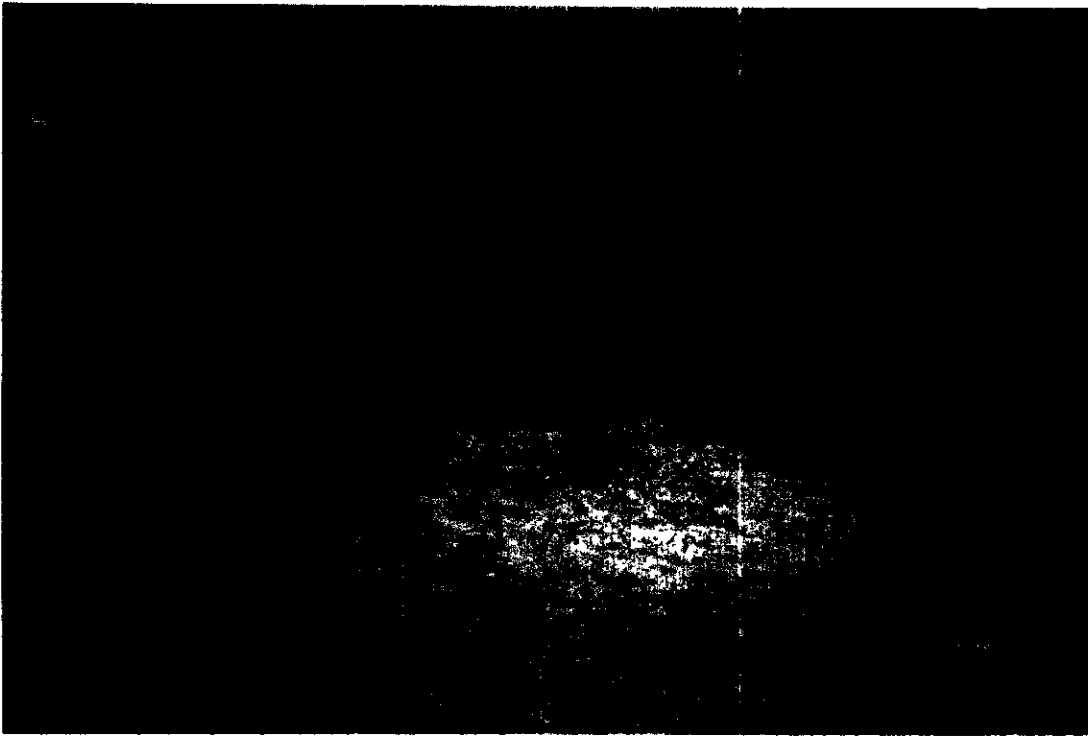


Sensor

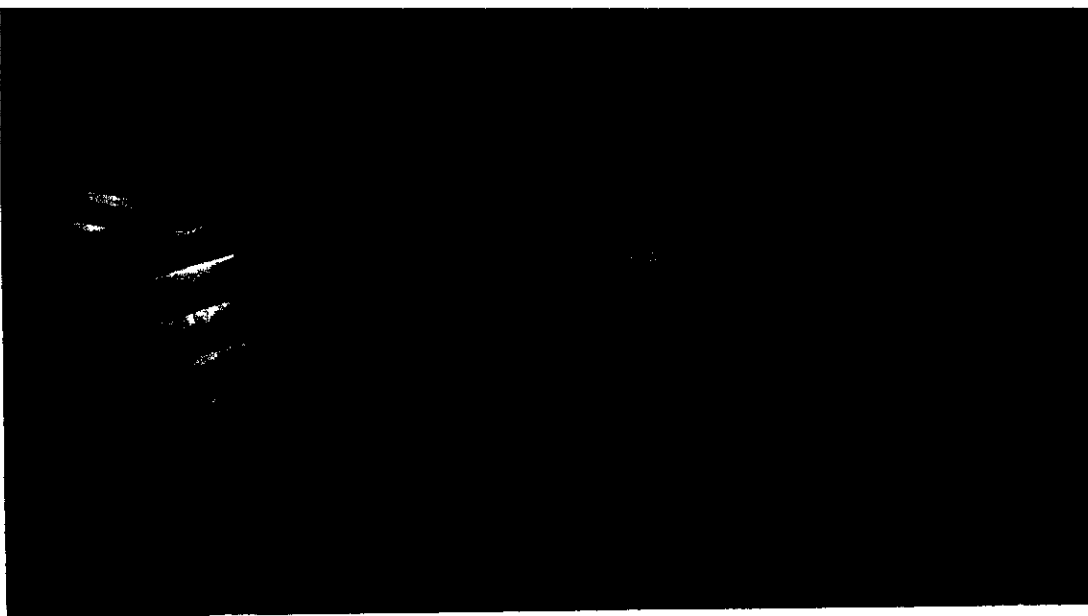
Lift from P/O to ditch.
Flowmeter sensor on top
of pipe.

SEP 14 1995

57-7554

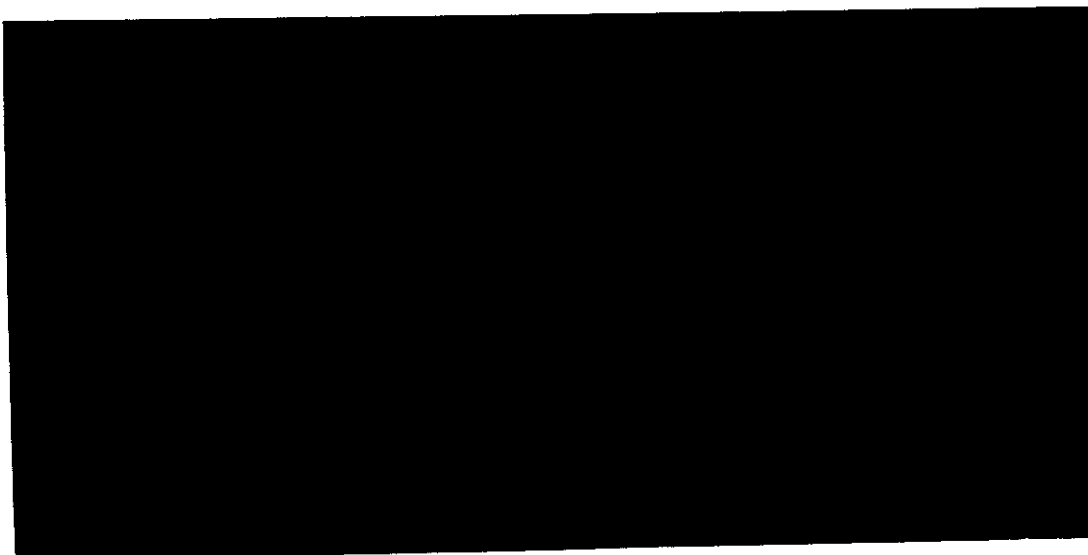


P/u in
E $\frac{1}{2}$ NE $\frac{1}{4}$ Sec 8
looking ~~not~~ North.
Flow in ditch
shown to
left.



← P/u in SE ^{SE}~~SE~~
Sec 5.

Upper photo
shows
standpipe to
receiving
water from
road ~~se~~
siphon.



SEP 14 1995

July 23, 1993

BRUCE MALMBERG
RT 1 BOX 314
MARSING ID 83639

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 57-07554

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED

AUG 26 1993

RECEIVED
JUL 20 1993
Department of Water Resources

Dear Sir

I have Paid this fee once before when I sent my original copies in. I also paid a fee to Cindy Hodges for adjudication of this water.

The first time I sent the money to Lorie Harris Receipt No W014007 Paid 1-14-92

I have the measuring device installed. I hope everything is in order now.

Thank You
Bruce Maloney
Rt one Box 314
Marsing Idaho
83639

RECORDED

AUG 26 1993

May 31, 1993

BRUCE MALMBERG
RT 1 BOX 314
MARSING ID 83639

PROOF DUE NOTICE

RE: PERMIT NO. 57-07554

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, 1993. (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 complete 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,

Karen L. Gustafson
Secretary/Records Manager

Enclosures



MICROFILMED

AUG 26 1993



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

July 22, 1992

BRUCE MALMBERG
RT 1 BOX 314
MARSING ID 83639

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 57-07554

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Be sure to note the special condition requiring you to install a measuring device. Enclosed, for your reference, is a list of measuring device options.

Sincerely,

BRENDA L. MILLER
Technical Records Specialist

BLM:cz

Enclosures

MICROFILMED

JUL 27 1992

MEMORANDUM

TO: File No. 57-07554 in the Name of Bruce Malmberg
FROM: Gary Spackman *Gary*
DATE: July 9, 1992

RE: Development Prior to November, 1987

Bruce Malmberg called me on July 7, 1992, and inquired about the status of his application. I told him that the moratorium prohibited the approval of an application to appropriate water proposing diversion of waste water. He stated that the application no. 57-07554 was filed to legalize a diversion of waste water that began prior to 1977. He stated that he has power records that show pumping prior to 1977. The information which he submitted with the application is also consistent in concluding that development predated November 1987.

I recommend that we approve application for permit no. 57-07554 as an application for pre-existing development, and not condition it as a temporary approval. In addition to the regular conditions, I recommend the following:

1. Proof of application of water to beneficial use shall be submitted on or before August 1, 1993.
2. Subject to all prior water rights.
3. This right to divert waste water is subject to cancellation if the other surface water right appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.
4. This permit does not authorize the development and irrigation of new land not previously irrigated.

JUL 27 1992

RECEIVED
MAY 27 1992

MORATORIUM EXEMPTION QUESTIONNAIRE

IF YOUR APPLICATION PROPOSES AN IRRIGATION USE, PLEASE
COMPLETE AND RETURN THE FOLLOWING:

Department of Water Resources

- Has ALL the land you propose to irrigate been irrigated with surface water in the past?

Yes. The water I'm pumping
is waste water to use it again

- Do you summer fallow any of your irrigated land? If ~~some~~ 1977
so, how many acres?

Yes. The place I just bought has
had to leave out around 30 acres to
have enough water to get by. Also I have

- List the water right(s) you have used to irrigate the
land listed on the application. If you have received water from a canal company or water district, please
identify the name of canal or water district.

Gem Irrigation District

left 26 acres
3 out of
last four
years

- During the last ten years, how many years has your
surface irrigation water been available for the entire
irrigation season?

8 The land ^{pasture} that I use it on
can use more water for more grass
The water runs full season but with the

- What crops have you grown in the past ten years?

Hay Grain Pasture Corn

allotment
we are short
of water

I understand if my proposed diversion of groundwater is
approved as a supplemental use, that I can only use my well
during periods of drought, when a full supply of water is not
available. I also agree that my surface water will be fully used
to the extent available, will not be sold or used on other lands,
and that a change in use of my surface water may result in
revocation of any groundwater right granted pursuant to my
application for supplemental water.

Dated this 23 day of May, 1992.

RECEIVED

JUL 27 1992

(Please sign)

Bruce Malmberg

57-07554



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

February 5, 1992

Gem Irrigation District
119 S. 1st
Homedale, ID 83628

Re: Application for Permit No. 57-7554 in the Name of Bruce Malmberg

Dear Sir:

Enclosed is a copy(s) of the above-referenced application(s) for permit which is within your district. Please review the application(s) and submit any comments you may have.

This office normally completes the processing of an application within a six week period and is required to take final action shortly thereafter, however, if you desire to file a formal protest against the approval of this application(s), your written protest must be received in this office by February 24, 1992.

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

Sincerely,

DAVID R. TUTHILL, JR., P. E.
Manager, Western Regional Office

DRT:st

Enclosure(s):

NOT RECORDED

JUL 27 1992

Dear Sir

I bought this place this year from Alan Down who had bought it last year from John & Shirley Itano. Itano Farms Inc., Joe Itano Pres. have farmed the place for 30 years and the pump was in for at least 27 OA that according to Joe, The Corporation sold and John got this place. When they sold they sold the pump so in the years 1990 and 1991 the water was not pumped but was used in all the previous years. The Power lines and pump base are still here. I own the land around this ~~place~~ and want to use the pump again.

JUL 27 1992

Thank You
Bruce Maloney

Dept of Water

THE OWYHEE AVALANCHE

P.O. BOX 97 • HOMEDALE, ID 83628 • 208/337-4681

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
)ss
COUNTY OF OWYHEE)

I, Joe E. Aman, being first duly sworn, depose and say:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was and now over the age of twenty-one years, not a party to nor interested in the proceedings hereinafter mentioned.

2. That during the time of the publication of the notice hereinafter mentioned, I was and now am the publisher of **The Owyhee Avalanche**, a newspaper of general circulation printed and published weekly, on Wednesday of each and every week, in the City of Homedale, County of Owyhee and State of Idaho.

3. That the said **The Owyhee Avalanche** has been printed and published continuously and uninterruptedly in said County during a period of more than seventy-eight weeks prior to the first publication of the attached notice.

4. That said notice of which a printed copy, taken from said newspaper, is hereto affixed, was published in the regular issue thereof, and not a supplement thereto, in said

newspaper, in two(2)

(consecutive) calendar weekly issue(s) of said newspaper, in the following date(s):

February 5 & 12, 1992

Signed

Joe E. Aman

Subscribed and sworn to before me this 12th day of February A.D., 1992

C. Orine Bowling

Notary Public in and for the State of Idaho
Residing at Homedale, Idaho
Commission expires October 1997

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

57-07552

SIMPER, HAROLD A
SIMPER, MERRILAN
PO BOX 367
GRAND VIEW, ID 83624
Source: TWENTYMILE
GULCH Tributary: SHOOFLY
CREEK
Diversion Pt: SESWSE Sec 33
T 05S R 03E in OWYHEE
County.
Use: IRRIGATION (1.600
CFS)

IRRIGATION STORAGE
(26.00 AF)

IRRIGATION FROM
STORAGE (26.00 AF)

STOCKWATER (.090 CFS)

STOCKWATER STORAGE
(5.40 AF)

STOCKWATER FROM
STORAGE (5.40 AF)

DIVERSION TO STORAGE
(1.600 CFS)

Total Diversion: (1.690 CFS)

Date Filed: 8/15/1990

In: OWYHEE COUNTY

T05S R03E S33 NESW SESW

NESE NWSE SWSE

192.0 ACRES TOTAL

57-07554

MALMBERG, BRUCE

RT 1 BOX 314

MARSING, ID 83639

Source: WASTE WATER

Tributary: JUMP CREEK

Diversion Pt: NWNESE Sec 8

T 02N R 05W in OWYHEE

County.

Use: IRRIGATION (1.420

CFS)

STOCKWATER (.050 CFS)

Total Diversion: (1.470 CFS)

Date Filed: 1/14/1992

In: OWYHEE County

T02N R05W S05 SESE

S08 NENE SENE

71.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 on or before FEBRUARY 24, 1992.

R. KEITH HIGGINSON,
Director

Publish February 5 & 12, 1992

57-07554

MALMBERG, BRUCE
RT 1 BOX 314
MARSING, ID 83639

Source: WASTE WATER

Tributary: JUMP CREEK

Diversion Pt: NWNESE Sec 8 T 02N R 05W in OWYHEE County.

Use: IRRIGATION (1.420 CFS)
STOCKWATER (.050 CFS)
Total Diversion: (1.470 CFS)

Date Filed: 1/14/1992

In: OWYHEE County
T02N R05W S05 SESE
S08 NENE SENE

71.0 ACRES TOTAL

RECORDED

JUL 27 1992