



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
MAR 8 1993

Department of Water Resources

A. GENERAL INFORMATION

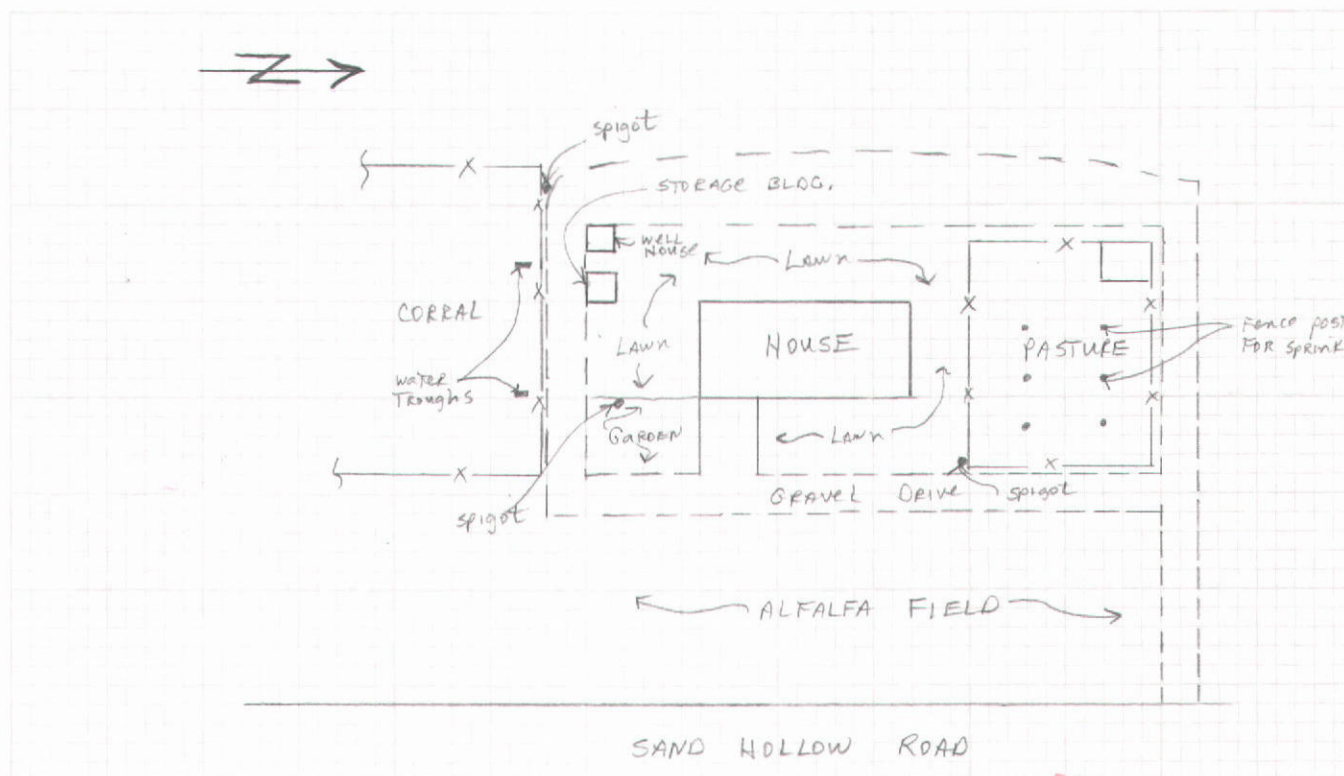
1. Owner: Quentin L. & Sharon Mikesell Permit No. 65-13229
Current Address: 4385 Sand Hollow Road, New Plymouth, ID 83655 Phone No. 278-3798
2. Accompanied by: Quentin Mikesell EXAM. DATE: 7/28/92
Address: (SAME) Phone No. (SAME)
Relationship to Permit Holder: APPLICANT
3. Source: Groundwater tributary to _____

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" = NTS

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).

MICROFILMED

APR 28 1993



P/O & P/M

PERMIT 65-13229 INIT RC
T. R. S. Q/Q
P/D 7N 4W 26 SENE
SCALE
PHOTO ID. W-4 new Plymouth

permitted

APR 28 1993



PHOTO ONE-

Well house located at the southwest corner of property.



PHOTO TWO-

Well and pressure gauge in well house. The $\frac{1}{2}$ " line goes to home, while the $\frac{3}{4}$ " PVC services livestock troughs in corral.

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PHOTO THREE-

pressure tank next to well in well house.

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PHOTO FOUR-

View northwest of front of property. Well house is located on the far side of storage building shown at left side of photo.



PHOTO FIVE-

View westerly of front and north side of home. Small pasture is shown to the right. Also, spigot which has two hoses attached. These hoses lead to three separate rainbirds in pasture.

>



PHOTO SIX-

View northeasterly of rear of home and back yard.



SEVEN
PHOTO ONE-

View west of irrigation of small PASTURE.



EIGHT
PHOTO TWO-

View northerly of three sprinklers atop fence posts in operation.

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PHOTO THREE-

CATTLE in corral south of home. One of two water troughs is shown in foreground.



PHOTO FOUR-

Typical Trough with heater and FLOAT TO CONTROL WATER LEVEL.

APR 28 1993

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-13229

Priority: April 9, 1990

Maximum Diversion Rate:

0.07 CFS

Maximum Diversion Volume:

6.8 AF

This is to certify, that **QUENTIN L MIKESELL**
SHARON MIKESELL

4385 SAND HOLLOW RD
NEW PLYMOUTH ID 83655

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 9, 1990; and has submitted Proof of Beneficial Use on June 25, 1991. An examination indicates that the works have a diversion capacity of .070 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	0.03 CFS	3.6 AF
STOCKWATER	01/01 to 12/31	0.04 CFS	2.6 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.07 CFS	6.8 AF

LOCATION OF POINT(S) OF DIVERSION:

SENE , Sec. 26, Township 07N, Range 04W
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	04W	26	SENE	0.8		0.8

Total number of acres irrigated: 0.8

PLACE OF USE: STOCKWATER, same as IRRIGATION use

PLACE OF USE: DOMESTIC, 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 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.

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State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-13229

CONDITIONS/REMARKS:

5. This right when combined with all other rights shall provide no more than .03 cfs per acre nor more than 4.5 afa per acre for the lands above.
6. Stockwater use is for 500 hogs, 60 sheep and 20 range cattle.
7. Domestic use is for 1 home.

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 9th day of April, 1993.


R. Keith Higginson, Director

APR 8 1993

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 65-13229

Proposed Priority: April 9, 1990 Maximum Diversion Rate: 0.30 CFS
This is to certify, that **QUENTIN L. MIKESELL**

SHARON MIKESELL
4385 SAND HOLLOW RD.
NEW PLYMOUTH, ID 83655

has applied for a permit to appropriate water from: **GROUNDWATER**
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	0.06 CFS
STOCKWATER	01/01 to 12/31	0.20 CFS
DOMESTIC	01/01 to 12/31	0.04 CFS
Totals		0.30 CFS

LOCATION OF POINT(S) OF DIVERSION: NWSENE Sec. 26, Township 07N, Range 04W
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	04W	26	SENE	3		3
Total number of acres irrigated:						3

PLACE OF USE: STOCKWATER, same as IRRIGATION use

PLACE OF USE: DOMESTIC, 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 1, 1991**.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
5. Stockwater use is for 500 hogs, 20 cattle, 60 sheep.
6. Domestic use is for one home.

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

23 day of **July**, 19**90**.

MICROFILMED

JUL 26 1990

[Signature]
for **R. Keith Higginson, Director**

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

- 1 Name of applicant Sharon/Quentin L. Miskell Phone 278 3798
4389
Post office address 2738 Sand Hollow Road New Plymouth Id. 83655
2. Source of water supply groundwater which is a tributary of _____
3. Location of point of diversion is NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____
Sec 26 Township 7N Range 4W B.M. Payette County; additional
points of diversion if any _____
4. Water will be used for the following purposes.
Amount 0.04 for Domestic purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.20 for Stock water purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.06 for Irrigation purposes from 3/15 to 11/15 (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) 0.30 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works
- a. Description of ditches, flumes, pumps, headgates, etc. Well and pump w/ pipeline
to house, stock pens and orchard
- 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 6" inches; proposed depth of well is 100' 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
1 years (minimum 1 year).

201 2 2 1991

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 500 Hogs, 20 Beef, 60 sheep
- c. Municipal, show name of municipality. _____
- d. Domestic; show number of households 112 D/I
- 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	
7N	4W	26				3													3

Total number of acres to be irrigated 3

10. Describe any other water rights used for the same purposes as described above. Black Canyon

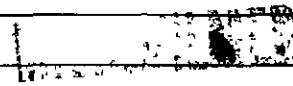
Irrigation District

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 NA

12. Remarks. _____



JUL 13 1961



PIPELINE

POD

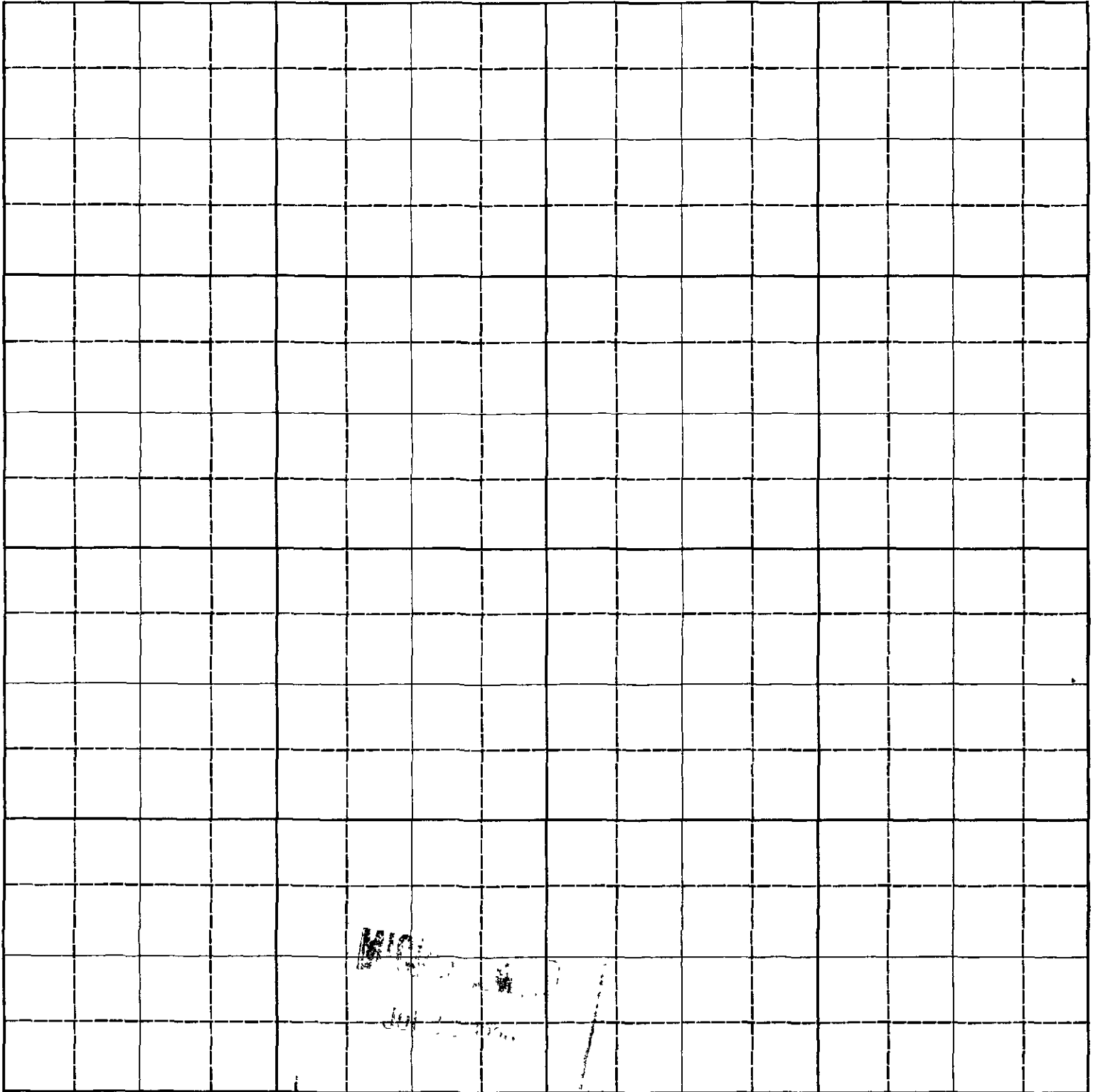
P

7

1596

2636

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

Sharon Mikesell
(Applicant)

Received by BAS Date 4/9/90 Time 16:50:33 Preliminary check by [Signature]
Fee \$ 45⁰⁰ Receipted by DAJ # M606510 Date 4/9/90
Publication prepared by GG Date 5-9-90 Published in Independent Enterprise
5/17 & 5/24/90
Publication approved [Signature] Date 6-20-90

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

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NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:
63-11282

TMCO, INC.
P.O. BOX R
NAMPA, IDAHO 83651
Source: GROUNDWATER
Diversion Pt: LOT 2(SENWNE) Sec 1 T 06N R 05W
NENWSW Sec 1 T 06N R 05W
SWSENE Sec 2 T 06N R 05W
Use: IRRIGATION (15.000 CFS)
Total Diversion: (15.000 CFS)
Date Filed: 4/16/1990
In: T06N R05W S01 Lot 1 (NENE) Lot 2 (NWNE)
SWNE Lot 3 (NENW); Lot 4 (NWNW) NESE NWSE
SESE; S02 SENE SWNW NESW NWSW; SWSW
SESW NESE SESE; T07N R05W S36 SWSW SESW
SWSE SESE.
51.0 ACRES TOTAL

63-11310
GRILLO, RICHARD
GRILLO, MARILYN
P.O. BOX 842
PARMA, ID 83660
Source: GROUNDWATER
Diversion Pt: SWNW Sec 36 T 07N R 05W
Use: IRRIGATION (.160 CFS)
DOMESTIC (.040 CFS)
Total Diversion: (.200 CFS)
Date Filed: 4/27/1990
In: T07N R05W S36 SWNW SENW
8.0 ACRES TOTAL

65-13207
PAYETTE COUNTY HISTORICAL SOCIETY
C/O MARY PEDERSON
725 N. 7TH ST.
PAYETTE, ID 83661
Source: GROUNDWATER
Diversion Pt: NENESE Sec 33 T 09N R 05W
Use: IRRIGATION (.020 CFS)
Total Diversion: (.020 CFS)
Date Filed: 4/9/1990
In: T09N R05W S33 NESE
0.5 ACRES TOTAL

65-13208
NEWMAN, DONALD G.
NEWMAN, GERALDINE L.
953 6TH AVE. S.
PAYETTE, ID 83661
Source: GROUNDWATER
Diversion Pt: LOT 4 (NESE) Sec 8 T 08N R 05W
Use: IRRIGATION (.480 CFS)
Total Diversion: (.480 CFS)
Date Filed: 4/9/1990

In: T08N R05W S08 Lot 4 (NESE)
S09 NWSW
24.0 ACRES TOTAL
65-13215
REMINGTON, KEITH M.
REMINGTON, NYLA M.
P.O. BOX 424
FRUITLAND, ID 83619
Source: PAYETTE RIVER
Tributary: SNAKE RIVER
Diversion Pt: LOT 3 (SESW) Sec 10 T 08N R 05W
Use: IRRIGATION (.020 CFS)
Total Diversion: (.020 CFS)
Date Filed: 4/11/1990
In: T08N R05W S10 Lot 3 (SESW)
0.5 ACRES TOTAL

65-13214
CITY OF PAYETTE
700 CENTER AVE.
PAYETTE, ID 83661
Source: GROUNDWATER
Diversion Pt: SESW Sec 23 T 09N R 05W
Use: IRRIGATION (1.000 CFS)
COMMERCIAL (1.000 CFS)
Total Diversion: (2.000 CFS)
Date Filed: 4/5/1990
In: T09N R05W S23 SESW; S26 NWNE SWNE NENW
NWNW; SENW
150.0 ACRES TOTAL

65-13216
REMINGTON, KEITH M.
REMINGTON, NYLA M.
P.O. BOX 424
FRUITLAND, ID 83619
Source: GROUNDWATER
Diversion Pt: LOT 3 (SESW) Sec 10 T 08N R 05W
Use: COMMERCIAL (.040 CFS)
Total Diversion: (.040 CFS)
Date Filed: 4/11/1990
In: T08N R05W S10 Lot 3 (SESW)

65-13218
MC CALLUM, ANGELA L.
MC CALLUM, FLOYD S.
10734 N. RIVER
PAYETTE, ID 83661
Source: GROUNDWATER
Diversion Pt: LOT 3 (NESW) Sec 22 T 09N R 05W
Use: IRRIGATION (.150 CFS)
Total Diversion: (.150 CFS)
Date Filed: 4/11/1990
In: T09N R05W S22 Lot 3 (NESW)
5.0 ACRES TOTAL

65-13219
MC CALLUM, FLOYD S.

MC CALLUM, ANGELA L.
10734 N. RIVER
PAYETTE, ID 83661
Source: SPRINGS Tributary: SNAKE RIVER
Diversion Pt: LOT 3 (NENESW) Sec 22 T 09N R 05W
Use: STOCKWATER (.020 CFS)
STOCKWATER STORAGE (8.30 AF)
STOCKWATER FROM STORAGE (8.30 AF)
Total Diversion: (.020 CFS), (8.30 AF)
Date Filed: 4/11/1990
In: T09N R05W S22 Lot 3 (NESW)

65-13221
FAIRCHILD, VIRGIL
880 N. 11TH AVE.
PAYETTE, ID 83661
Source: UNNAMED DRAIN
Tributary: SNAKE RIVER
Diversion Pt: NESWSE Sec 32 T 09N R 05W
Use: IRRIGATION (.300 CFS)
Total Diversion: (.300 CFS)
Date Filed: 4/12/1990
In: T09N R05W S32 SWSE SESE
15.0 ACRES TOTAL

65-13222
FAIRCHILD, ROGER
FAIRCHILD, MARY J.
P.O. BOX 990
FRUITLAND, ID 83619
Source: GROUNDWATER
Diversion Pt: NESWNW Sec 23 T 08N R 05W
Use: IRRIGATION (.040 CFS)
Total Diversion: (.040 CFS)
Date Filed: 4/13/1990
In: T08N R05W S23 SWNW
2.0 ACRES TOTAL

65-13225
HEAD, JIM
HEAD, MARGARET
3573 HWY. 52
PAYETTE, IDAHO 83661
Source: WASTE WATER
Tributary: PAYETTE RIVER
Diversion Pt: SWNW Sec 17 T 08N R 04W
Use: IRRIGATION (.120 CFS)
Total Diversion: (.120 CFS)
Date Filed: 4/24/1990
In: T08N R04W S17 SWNW
6.0 ACRES TOTAL

65-13226
DORSING, DOUGLAS S.
716 S. 1ST ST.
FRUITLAND, ID 83619
Source: PAYETTE RIVER
Tributary: SNAKE RIVER
Diversion Pt: LOT 1 (SENE) Sec 15 T 08N R 05W

Use: IRRIGATION (.240 CFS)
Total Diversion (.240 CFS)
Date Filed: 4/17/1990
In: T08N R05W S15 Lot 2 (SWNE) Lot 1 (SENE)
12.0 ACRES TOTAL

65-13228
GIFFIN, EDESEL
938 N. 6TH ST.
PAYETTE, ID 83661
Source: GROUNDWATER
Diversion Pt: SESE Sec 28 T 09N R 05W
Use: IRRIGATION (.040 CFS)
STOCKWATER (.020 CFS)
Total Diversion: (.040 CFS)
Date Filed: 4/13/1990
In: T09N R05W S28 SESE
2.0 ACRES TOTAL

65-13229
MIKESELL, QUENTIN L.
MIKESELL, SHARON
4385 SAND HOLLOW RD.
NEW PLYMOUTH, ID 83655
Source: GROUNDWATER
Diversion Pt: NWSENE Sec 26 T 07N R 04W
Use: IRRIGATION (.060 CFS)
STOCKWATER (.200 CFS)
DOMESTIC (.040 CFS)
Total Diversion: (.300 CFS)
Date Filed: 4/9/1990
In: T07N R04W S26 SENE
3.0 ACRES TOTAL

65-13233
WISNER, CHESTER
WISNER, EDITH
5825 AKRON RD.
NEW PLYMOUTH, ID 83655
Source: GROUNDWATER
Diversion Pt: SENW Sec 8 T 07N R 04W
Use: IRRIGATION (.030 CFS)
DOMESTIC (.040 CFS)
Total Diversion: (.070 CFS)
Date Filed: 3/2/1990
In: T07N R04W S08 SENW
1.0 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 JUNE 4, 1990.

R. KEITH HIGGINSON, Director
No. 88 May 16, 23

Independent-Enterprise



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

April 12, 1993

QUENTIN L MIKESELL
SHARON MIKESELL
4385 SAND HOLLOW RD
NEW PLYMOUTH ID 83655

RE: WATER RIGHT NO. 65-13229

Dear Water Right Holder(s):

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

Sincerely,

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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Department of Water Resources

A. GENERAL INFORMATION

1. Owner: Quentin L. & Sharon Mikesell Permit No. 65-13229
Current Address: 4385 Sand Hollow Road, New Plymouth, ID 83655 Phone No. 278-3798
2. Accompanied by: Quentin Mikesell EXAM. DATE: 7/28/92
Address: (SAME) Phone No. (SAME)
Relationship to Permit Holder. APPLICANT
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

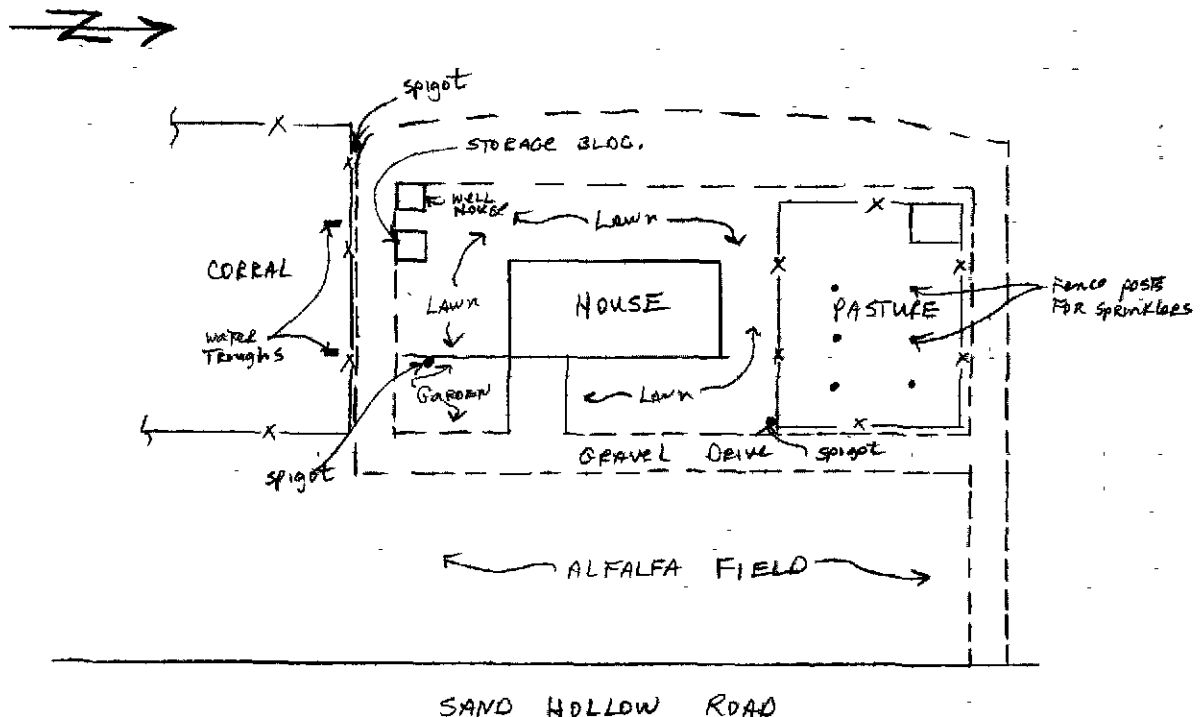
1. Other water rights with same place of use: NONE

☐ 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" = NTS

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

MICROFILMED

APR 8 1993

System Description (continued)

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

Well supplies water to two small troughs which service 20 head of cattle. Due to pig prices, Mike Sell did not purchase any this year. Water is also used for domestic use in home and irrigation of 0.5 acre of pasture and 0.3 acre of lawn, garden, and shrubs and flowers. In the 0.5 acre pasture, six metal fence posts are used to attach rainbird sprinkler. Three to each column operate at one time. As for stockwater, all sheep were sold.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor ^{model} Serial No.	Pump Make	Pump Serial No. or Discharge Size
	FRANKLIN	1	2801084910	Acemotor	1" And 3/4"

*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
		NW	SE	NE	26	7N	4W	Payette	Aerial Map

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

Indicate Method of Determination

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	4W	26				0.8													0.8
																			.8

Do not use this space

Apr 28 1993

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

5 gallon bucket at spigot near well house.
 $Q = 5 \text{ gal.} / 10 \text{ sec} = 30 \text{ gpm} = .07 \text{ cfs}$ capacity
 (3) $\frac{5}{32}$ " @ 40 psi $Q = (3)(4.61) = 13.8 \text{ gpm}$
 4.61 gpm

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: 5 gallon bucket

$$Q = \frac{30 \text{ gpm}}{448.8 \text{ gpm}} = 0.07 \text{ CFS}$$

2. Alternate Method for Checking Purposes:

$$\text{stock need} = 2360 \text{ gpd} / 2 \text{ Hr. Div} = 20 \text{ gpm} = .04 \text{ cfs}$$

$$Q = \frac{13.8 \text{ gpm}}{448.8 \text{ gpm}} = 0.03 \text{ CFS (IRR)} + .03 \text{ cfs (DOM)} = .04 \text{ cfs (DOM)} + (.04 \text{ cfs (STOCK)})$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: $\frac{40}{122.4}$ psi x 2.31 = $\frac{92.4}{107.4}$ ft (1); Dynamic pumping level: $\frac{30' \text{ (Estimate)}}{75' \text{ (Static level)}}$ ft (2)
 Total Head: (1) + (2) = $\frac{122.4}{107.4}$ (3) $Q = \frac{(8.8)(1)(1.7)}{107.4 \cdot 122.4} = 0.05 \text{ CFS}$; Flow rate: 0.06 cfs (4)

$$\text{Water HP: } (3) \times (4) \div 8.8 = \text{---} (5)$$

$$\text{Meter Input KW: } 3.6 \times \text{---} \text{ KH} \times \text{---} \text{ CTR or --- MULT} \times \text{---} \text{ PTR} \times \text{---} \text{ N/ --- T} = \text{---} (6)$$

$$\text{Meter Input HP: } (6) \times 1.34 = \text{---} (7)$$

$$\text{Panel Input KW: --- Ave PF} \times \text{--- Ave Volts} \times \text{--- Ave Amps} \times .001732 = \text{---} (6)$$

$$\text{Panel Input HP: } (6) \times 1.34 = \text{---} (7) \quad \text{Efficiency: } (5)/(7) \times 100 = \text{---} \%$$

G. VOLUME CALCULATIONS (245 days in irrigation season)

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.8)(4.5) = 3.6 \text{ AFA}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (0.06)(245)(1.9835) = 29.2 \text{ AFA}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 3.6 \text{ AFA (IRR)}$$

2. Volume Calculations for Other Uses:

$$V = \text{Domestic (inside)} = 0.6 \text{ AFA (DOM)}$$

$$(\text{Hogs}) V_r = \frac{500 \times 4 \times 365}{325,850} = 2.2 \text{ AFA}$$

$$(\text{CATTLE}) V_r = \frac{20 \times 12 \times 365}{325,850} = 0.3 \text{ AFA}$$

$$(\text{SHEEP}) V_r = \frac{60 \times 2 \times 365}{325,850} = 0.1 \text{ AFA}$$

$$V_D = (0.20)(365)(1.9835) = 144.8 \text{ AFA}$$

$$2.6 \text{ ata } V_r < V_D, \text{ use } 3.2 \text{ AFA (STOCK)}$$

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

Measured FLOW FROM spigot was 0.07 CFS for domestic, irrigation or stock, while the theoretical pump efficiency calculated to be 0.06 CFS. As per Table 1 for stockwater, the combined FLOW FOR CATTLE, HOGS, and sheep is ^{0.04}0.08 CFS. Therefore, recommend Licensing for ^{0.04}0.08 CFS FOR STOCKWATER, ~~0.03~~ 0.06 CFS FOR IRRIGATION, and 0.04 CFS FOR domestic.

Stock numbers based on evidence of previously developed use.

Although no hogs exist at this time, if price is favorable, he probably will return to raising hogs.

Remarks - STOCK/500 Hogs, 60 sheep, 20 cattle Conditions - R52
DOM / Irrigation

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
STOCKWATER	1/1	12/31	~~0.08~~ 0.04 cfs	~~3.2~~ 2.6 afa
IRRIGATION	3/15	11/15	~~0.06~~ 0.03 cfs	3.6 afa
Domestic	1/1	12/31	~~0.04~~ 0.04 cfs	0.6
Totals:			0.18 0.07 cfs	7.4 6.8 afa

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

Rick Collingwood

Signature

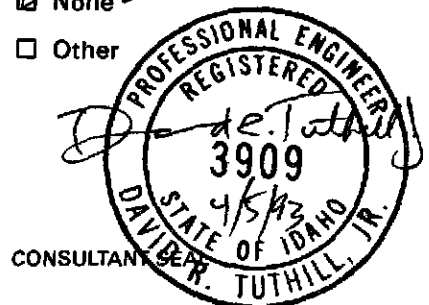
Rick Collingwood

CSB 03-11-93

Certification Date

Field Report Preparation Date

8/4/92



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

APR 28 1993



PERMIT 65-13229 INIT RC
T. R. S. Q/Q
P/D 7N 4W 26 SEWE
SCALE
PHOTO ID. W-4 new Plymouth

APR 28 1993

Department of Water Resources

WELL INSPECTION FORM

If well is associated with water right, provide WR# 65-13229

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description: TWP 7N, Rge 4W, Sec. 26, SE 1/4 NE 1/4 or Lot _____.

2. Owner: (Same AS PERMIT)

Address _____, City _____, St _____

3. Casing $\geq$ 12 inches above ground: Yes _____ No ☒

4. Access Port: Yes _____ No ☒ Static Water Level: 15'
Pressure Gauge: Yes ☒ No _____ Casing Diameter: 6"
Flowing: Yes ☒ No _____ Temperature: N/A

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes _____ No ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks: _____

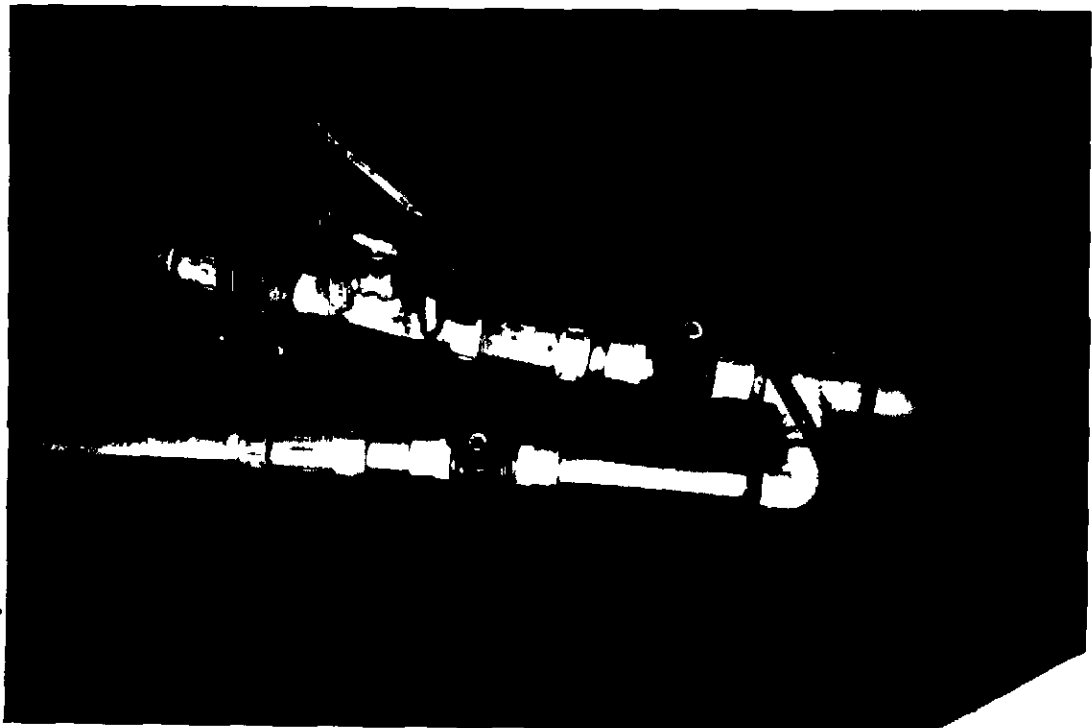
RECEIVED

APR 28 1993



PHOTO ONE-

well house located at the southwest corner
of property



APR 28 1993

PHOTO TWO-

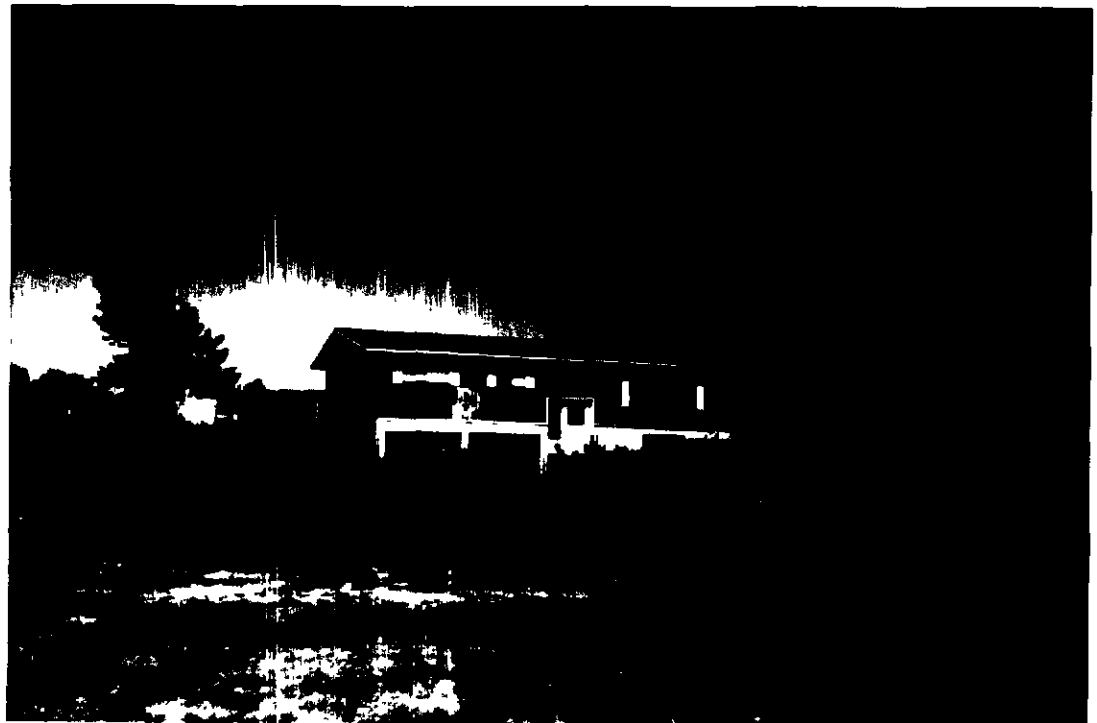
Well and pressure gauge in well house. The
 $1\frac{1}{2}$ " line goes to home, while the $\frac{3}{4}$ " PVC services
livestock troughs in corral.



PHOTO THREE-

pressure tank next to well in well house.

>



7/28/93

PHOTO FOUR-

View northwest of front of property. Well house is located on the far side of storage building shown at left side of photo.

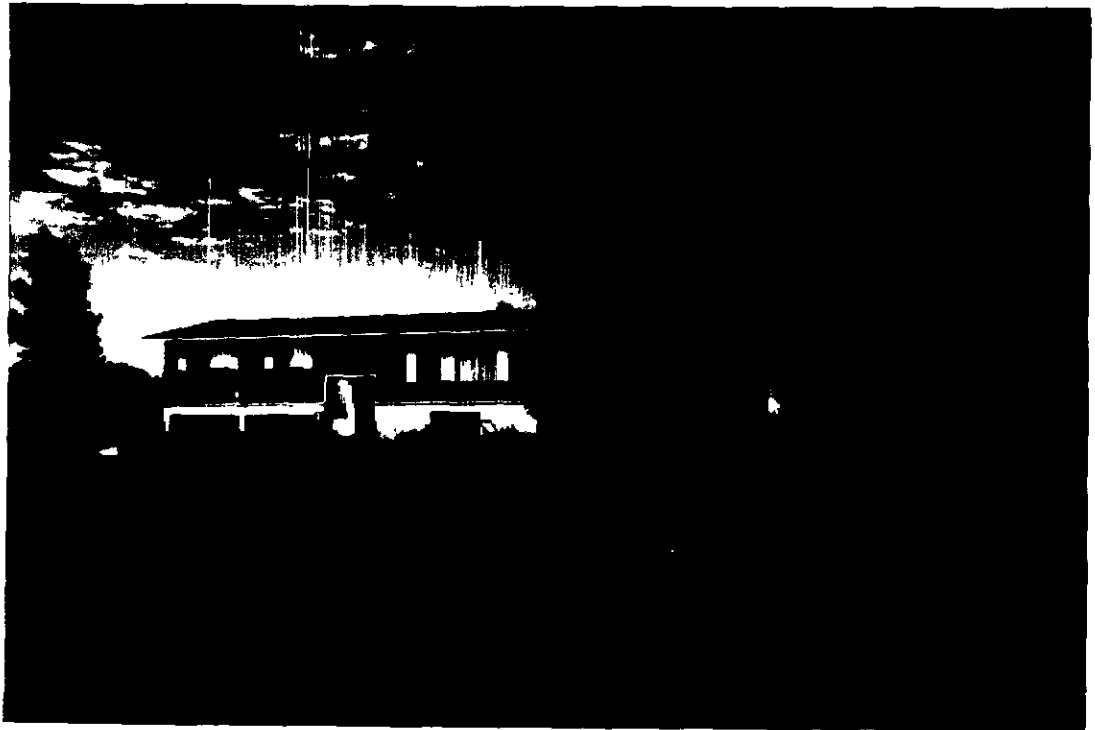


PHOTO FIVE-

View westerly of front and north side of home. Small pasture is shown to the right. Also, spigot which has two hoses attached. These hoses lead to three separate rainbirds in pasture.

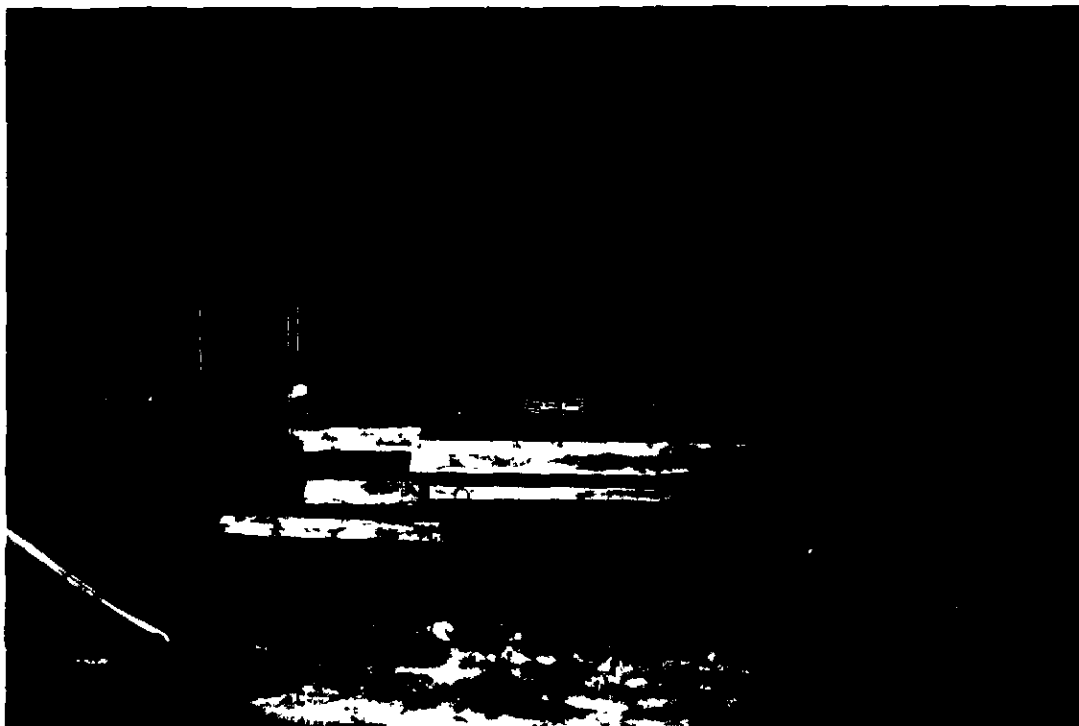
>



PHOTO SIX-

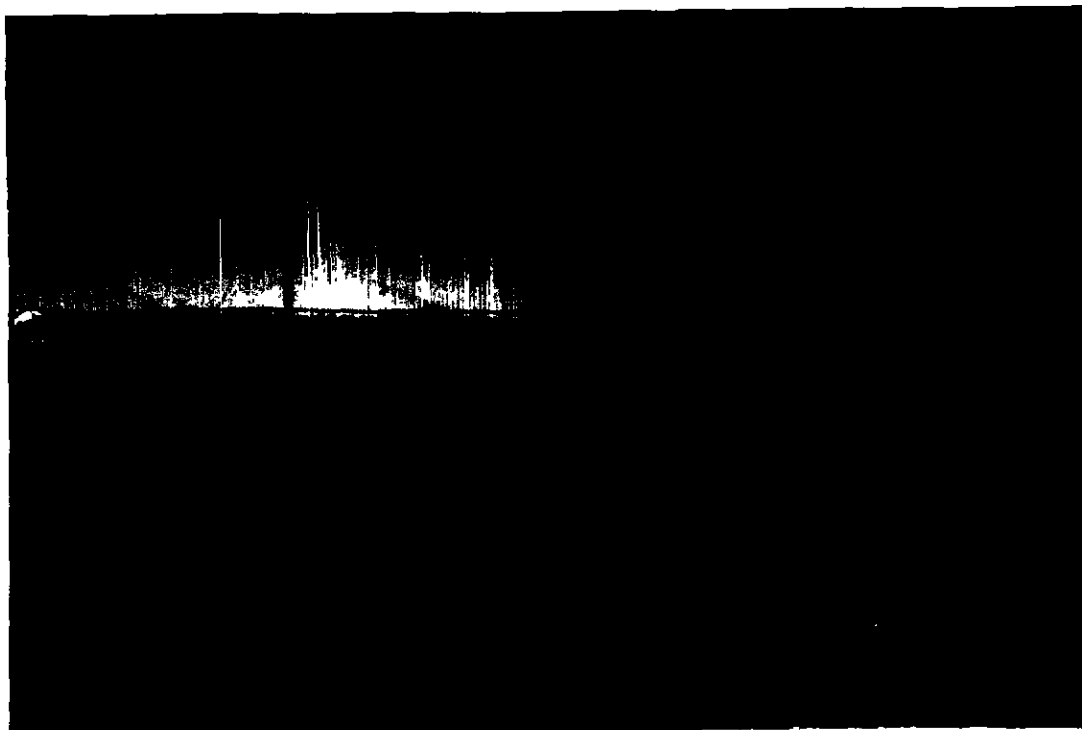
View northerly of rear of home and back yard.

AUG 28 1993



SEVEN
PHOTO ~~ONE~~

View west of irrigation of small pasture.



EIGHT
PHOTO ~~TWO~~

View northerly of three sprinklers atop fence posts in operation.

AFR 9 8 1993

**PHOTO THREE-**

CATTLE in CORRAL SOUTH OF home. One OF TWO water Troughs is shown in foreground.



APR 28 1993

PHOTO FOUR-

Typical Trough with heater and FLOAT TO CONTROL WATER LEVEL.

July 9, 1991

QUENTIN L. MIKESELL
SHARON MIKESELL
4385 SAND HOLLOW RD.
NEW PLYMOUTH, ID 83655

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 65-13229

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,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

ED
AUG 06 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 65-13229

Date 7-2-91

GENERAL CONSIDERATIONS

- ☒ Name same as permit?
☒ Address same as permit? If no, indicate below.
☒ Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

- ☐ Surface water source
☒ Ground water source
NA Drill permit req'd?
1973 Copy in file? Drill permit no. _____
Amt paid for drilling permit? _____ Correct?
Well log in file?

LICENSE EXAMINATION FEE

- ☒ Required?
50.00 Amount submitted?
☒ Correct amount?

MEASURING DEVICE

- NO Measuring device or access port required?
☐ Installed?
☐ Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

PRIORITY CALCULATION

Date proof received	<u>NA</u>	
Date proof due		-
No. of days late		=
Priority date		+
NEW PRIORITY DATE		=

SP

RECEIVED

JUN 24 1991

STATE OF IDAHO

For Office Use Only
Amt. of Fee \$ 50
Date 6-25-91
Receipt No. 2013430
Received by 294Department of Water Resources
Western Regional OfficeDEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as 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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 65-1-3229 Telephone No. 278-3598
2. Name(s) of Permit Holder(s): Quentin Mikesell
3. Post Office Address: 4385 Sandhollow Rd. New Plymouth, Id. 83655
4. Source of Water: Ground water
- a. If ground water, well driller's name: _____ Date drilled: Before 1973 - as per
Phone conv. 7-2-91
- b. Pump horsepower: 1 Pressure (psi): 50 Dynamic pumping level (ft.): _____
5. Extent of Use:

Domestic X (No. of households)Irrigation X (No. of acres) 2Stockwater X (No. and type of stock)

Other _____

6. Total rate and/or volume for which proof is submitted 0.20 cfs _____ acre/feet

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

Measuring device: Required? Yes XNo Installed? Yes XNo

OR

Flow Measurement Port: Required? Yes XNo Installed? Yes XNo8. Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

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

Quentin Mikesell278-3598

Name

Telephone No.

4385 Sandhollow Rd. New Plymouth - Id. 83655

Address

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.

June 10 - 91
DateQuentin Mikesell
Signature (and title if on behalf of a company or organization)

AUG 06 1991

138698
May 31, 1991

QUENTIN L. MIKESELL
SHARON MIKESELL
4385 SAND HOLLOW RD.
NEW PLYMOUTH, ID 83655

PROOF DUE NOTICE

RE: PERMIT NO. 65-13229

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, 1991. (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,

Rita Fleck
Secretary/Records Manager

Enclosures

MAILED 11 1991

AUG 06 1991

S T A T E O F I D A H O

DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
July 23, 1990

QUENTIN L. MIKESELL
SHARON MIKESELL
4385 SAND HOLLOW RD.
NEW PLYMOUTH, ID 83655

PERMIT APPROVAL NOTICE

RE: PERMIT NO. P65-13229

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.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

We have enclosed 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 for your convenience is a form entitled "Proof of

MONITORILMED

JUL 26 1990

Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

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JUL 26 1990

Form No. 202a.
3/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: [Signature]

DATE: 4-27-90

APPLICATION: 65-13229

REQUIRED INFORMATION

- ☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume)
☒ Period of use:
☒ Nature of proposed use: (Include description of use)
☒ Description of diverting works:
☒ Time required for beneficial use of water:
☒ Place of use or acres irrigated:
☒ Map:
☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
☒ Fee:
☒ Yes ☐ No* In form to receipt:

Gov't. Lots:

S/A P/D
S/A P/U

ADDITIONAL INFORMATION

YES NO

Less Than

five Acres

Overlapping place of use: (Describe source & relationship to present application on the back.)

Overlapping point of diversion:

Field check required: Field check by: _____

Field report attached:

Critical groundwater area:

Groundwater management area:

Diversion within interim protected river area

Send dam safety information:

Send power requirement letter:

Send fish farm requirement letter:

Power residency affidavit:

Power efficiency form:

Within trust water boundary: (If yes, attach Trust Water Supplementary Analysis Sheet.)

Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)

*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

DATE REQUESTED: _____

Additional information on reverse side:

RECEIVED
JUL 02 1990

Department of Water Resources

PROCESSING

APPLICATION NO.

65-13229

YES NO

In form for advertising:

Statewide advertising:

Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

I.D. Health and Welfare

I.D. Fish and Game

I.D. Lands

Adjudication Bureau

YES NO

U.S. BLM

U.S. Forest Svc.

Water Dist. #

Other

FINAL REGIONAL PROCESSING REVIEW

~~YES~~ NO

Affidavit of publication received:

Application published correctly: If not, record action taken.

Publication dates and paper recorded on application:

Protests received. Final date for protest

Protest dates, resolution of protest recorded on application:

Recommendations attached:

Measuring device required:

Measuring port required:

Water delivered by water master? District #

Special conditions of approval or cover letter:

See below for additional information

Recommended Date or Priority

4/9/1990

Recommended by:

On

Date _____

6/28/1990

STATE OFFICE REVIEW

P05, P23

P/6

46

See below for additional information. By

tu

Date

7/17/90

ADDITIONAL INFORMATION

65-13229

MIKESELL, QUENTIN L.
MIKESELL, SHARON
4385 SAND HOLLOW RD.
NEW PLYMOUTH, ID 83655

Source: GROUNDWATER

Diversion Pt: NWSENE Sec 26 T 07N R 04W

Use: IRRIGATION	(.060 CFS)
STOCKWATER	(.200 CFS)
DOMESTIC	(.040 CFS)
Total Diversion:	(.300 CFS)

Date Filed: 4/ 9/ 1990

In: T07N R04W S26 SENE

3.0 ACRES TOTAL

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JUL 26 1990