

SECRET
NOV 20 1968

F. G. Moore
COUNTY RECORDER
Fee \$2.00
By *[Signature]* DEPUTY

EXHIBIT 10

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COUNTY RECORDER

DEPUT

1947-1948

13-081
750 NE 37 21.202 E 1000
400

File No. 2138T. W R. 21

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

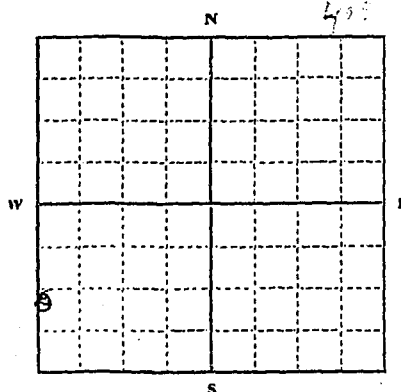
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Lepetch, of Box 48 Hamilton
(Name of Appropriator) (Address) (Town)

County of Beaumont State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

S. W14 Sec. 13 T. 6 R. 21

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based irrigation
of 20 acres

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1938 Seasonal use

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 80 gal.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

20 acres of hayland
Mary Lepetch

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal

Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1938

8. The depth of water table _____

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater

8" 16' dug well 12 ft deep

10. The estimated amount of groundwater withdrawn each year Varied

11. The log of formations encountered in the drilling of each well if available not available

12. Other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner Mary Lepetch

Date Dec-23-63

Three copies

to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer

questions. If not applicable, so state, otherwise the form will be returned.

al to
and Ge

County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Geology and Mineral Resources; Duplicate for the Appropriator.

15632

I certify that I received and filed this
instrument on this 23
day of Dec., 1963, at 4:33
o'clock P.M.

F. S. Moore
COUNTY RECORDER

By _____
DEPUTY

RECEIVED
DEPT. OF REVENUE
JAN 1 1964

File No.

T. 6N R. 21W ¹²

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept-1-1888Owner Mary Lepitch Address Rte 2-Box 48

Contractor (if any)

Address of Contractor

Date Started Sept-1-1888 Date Completed June-1-1891

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Sub-irrigation various

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

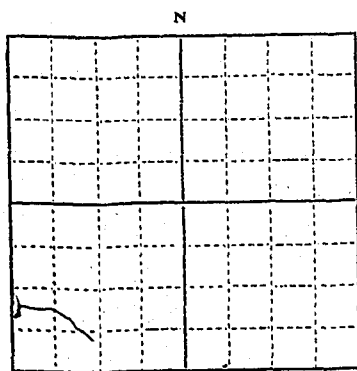
During irrigating seasonSignature of Owner Mary LepitchDate Jan-28-64

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the appropriation.

S. 1/4 Sec. 13 T. 6 R. 21

Indicate point of appropriation and place of use, if possible.

4367

I certify that I received and filed this
instrument on this 28th
day of Jan, 1964, at 10:35
o'clock A. M.

F. S. Moon
COUNTY RECORDER

DEPUTY

File No. 2139T. 6N R. 21 13

DUPLICATE

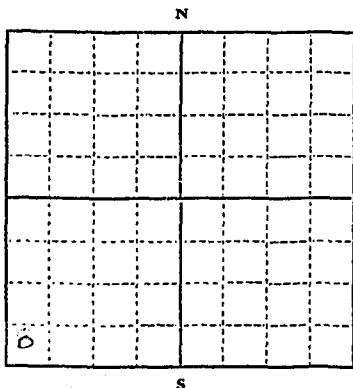
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Lepetch, of Pte. 2 - Box 48 Hamilton
(Name of Appropriator) (Address) (Town)
County of Beauregard State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

S. 14 S. W. Sec. 13 T. 6 R. 21

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based. House and garden also sometimes to water stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1941
every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. one acre
Mary Lepetch
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1941
8. The depth of water table. Varies
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well drilled 6 in casing
10. The estimated amount of groundwater withdrawn each year. Varies
11. The log of formations encountered in the drilling of each well if available. Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Mary Lepetch
Date Dec - 23 - 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15633

I certify that I received and filed this
instrument on this 23
day of Dec 1963 at 4:34
o'clock P.M.

F. H. Moore
COUNTY RECORDER

By _____ DEPUTY

RECEIVED
21411 FIM014715
DEC 24 1963

State of
Montana

T. 6^N R. 21^E S. 43

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

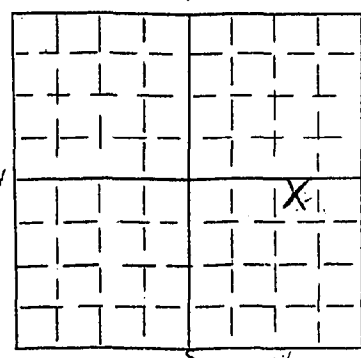
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 17 1964

1. Gerald D. & Mary C. White of P.O. Box 208 Hamilton
(Name of Appropriator) (Address) (Town)

County of DeWalt State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



... 1/4 ... Sec. 17 ... R. 21 ... S. 43
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Residence
& irrigation of lawn
3. Date or approximate date of earliest beneficial use; and how
continuous the use has been. August 1961
4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 1.5 gpm Per Minute
5. If used for irrigation, give the acreage and description of the land
to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal. See Pump
located on Residence
7. The date of commencement and completion of the construction of the well, wells, or other works for
withdrawal of groundwater. August 1961
8. The depth of water table.
9. So far as it may be available, the type, size and depth of each well or the general specifications of
any other works for the withdrawal of groundwater. No Data
10. The estimated amount of groundwater withdrawn each year.
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act,
including reference to book and page of any county record.

Signature of Owner Gerald D. White
Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well
is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

37240

#2777

I certify that I have filed this
instrument on the 31st
day of Dec. 63 9:23
at A.
F. H. Moore
By Shirley Keith
Deputy

OW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 6^N R. 21^W

DUPLICATE

County Parade

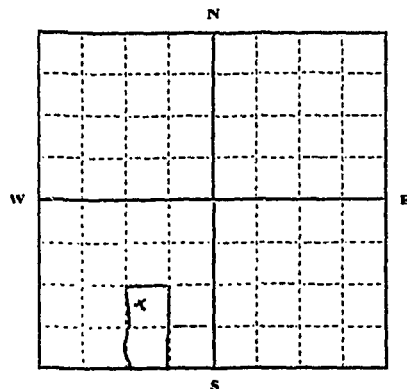
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Francis W. Mangum, of Route 2 Box 43 Hamilton
(Name of Appropriator) (Address) (Town)
County of Parade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 14, T. 6, R. 21

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based now
irrigation on grass
3. Date of approximate date of earliest beneficial use; and how continu-
ous use has been April 15, about 3
months each year
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 20 miner's inches
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
10 acres now vegetable
crop Francis W. Mangum
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal drainage
from SE 1/4 Sec. 14, T. 6, R. 21
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater March 1958
8. The depth of water table 2 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater sump hole 4 1/2 feet deep
180 feet long 20 feet wide
10. The estimated amount of groundwater withdrawn each year 2 inches
11. The log of formations encountered in the drilling of each well if available day with
hard hole by Clyde McLeod
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record none

Signature of Owner Francis W. MangumDate Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

27448

#2638

I certify that I received and filed this
instrument on this 30th
day of Dec 1963 at 3:26
o'clock P. M.
F. G. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No.

T. R.

DUPLICATE

County Ravalli

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Manager Development Address Hamilton, Montana
C. F. Wroble
Driller Ravalli Drilling Co. Address Victor, Montana

Date of Notice of appropriation of groundwater

Date well started Nov. 1, 1969 Date completed Nov. 3, 1969

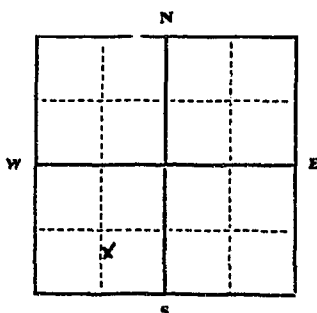
Type of well drilled Equipment used churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☒ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	41	3/16x5	36	41

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 5 1969



SE 1/4 SW Sec. 14 T. 6 R. 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 11 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Baled-2 hours

Length of Test pumped-1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff)

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

62
Driller's License Number
C. F. Wroble
Driller's Signature.

45936

#5219

I certify that I received and filed this
instrument on this 4th
day of Dec, 1969, at 1:15
o'clock P.M.

E. G. Moore
COUNTY RECORDER

By E. G. Moore
DEPUTY

File No.

T. 6^N R. 2^E 11^W

Repe

Ravalli County

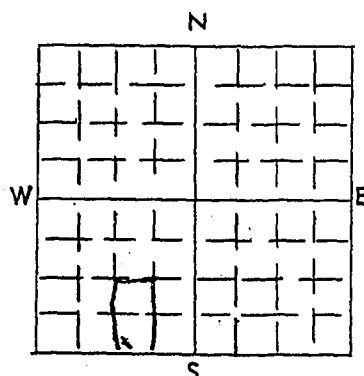
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 17 1964
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

ENGINEER

1. *Francis N. Menager* of *Route 2 Box 43* *Hamilton*
(Name of Appropriator) (Address) (Town)
County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based. *H. Menager garden*



S.E. 1/4 S.W. Sec. 14, T. 6, R. 2
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *April through September*

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *2.0 gallon per min*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

1/2 acre. Garden. Francis Menager
vegetable garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *1950*

8. The depth of water table. *10 feet*

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

1/2 inch drilled well 50 feet deep

10. The estimated amount of groundwater withdrawn each year. *don't know*

11. The log of formations encountered in the drilling of each well if available.

drilled by Harmon Day 1/2 inch B. back
iron casing

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *none*

Signature of Owner *Francis Menager*

Date *Jan 2, 1964*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4253

I certify that I received and filed this
instrument on this.....3rd.....
day of.....Jan......, 1964....., at.....10:55.....
o'clock.....A......M.

.....F. G. Moore.....
COUNTY RECORDER
By.....Shirley Keith.....
DEPUTY

D.C.P.

T. 6 N. R. 21 W. 14

County, RAVALLI

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

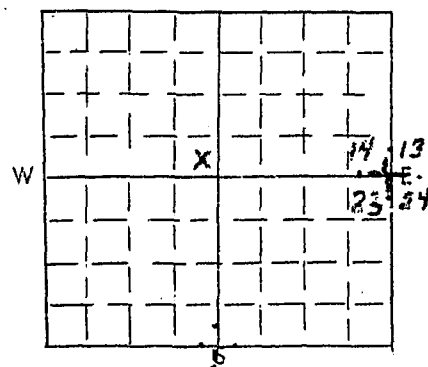
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Merle D. or Anna P. Lloyd of Rte. 2 Box 46 Hamilton
(Name of Appropriator) (Address) (Town)

County of RAVALLI State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 14 T6N R21W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

E 1/2 SE SW

2. The beneficial use on which the claim is based. Domestic and Agricultural

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1948 Continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute). No gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Approximately 3/4 acre of yard and garden surrounding pump site. Merle D. or Anna P. Lloyd

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump located N 44 W 210 feet from South East corner of this property

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1948. Exact information not available

8. The depth of water table. Variable. Average 12 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well, 4 inch casing, 30 feet deep

10. The estimated amount of groundwater withdrawn each year. 3,324,000 gallons

11. The log of formations encountered in the drilling of each well if available. No log of formations available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Property described. Deed Book 111 Page 128

Signature of Owner Merle D. Lloyd
Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

37691

4127

I certify that I received and filed this
instrument on this 31st
day of Dec., 19 63, at 5:03
o'clock P. M.

F. G. Moore
COUNTY RECORDER
By Shirley Keith
DEPUTY

File No. 1843T. 6N R. 21W

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 23 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

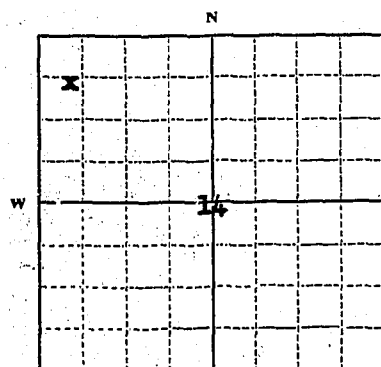
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1900
Owner J. E. Johnson Address RFD 2 Box 61
Hamilton, Montana
Contractor (if any) none
Address of Contractor _____

Date Started 1900 Date Completed 1900

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring dug to depth of about 5 feet, water level at surface of ground piped by gravity feed to house; also used for irrigation and stock water

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. about 20
miners' inches



NW $\frac{1}{4}$ NW Sec. 14 T. 6N R. 21W
Indicate point of appropriation and place of use, if possible.

Signature of Owner J. E. JohnsonDate October 21, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

#1843

I certify that I received and filed this
instrument on this 21st
day of Oct. 19 63 at 11:40
o'clock A. M.

F. G. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

File No.
DOP.

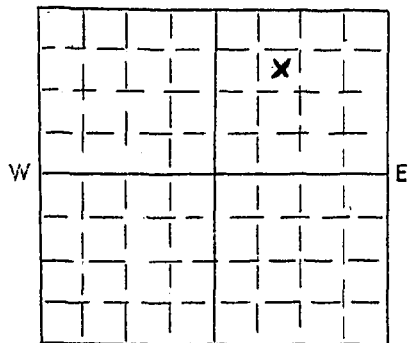
T. 6^N R. 21^W 14
County. Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. David Bennett, of Rt 2 Box 58 Hamilton
(Name of Appropriator) (Address) (Town)
County of Ravalli State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW NE S E 14 6 21
1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Farm & Domestic Well Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been In use continuously for at least 50 years
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gals per min.
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof One acre of land is sprinkled out of well for lawn & garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Use by way of electric pump in well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Probably about 1910
8. The depth of water table 50 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The well is 135 ft deep drilled well with a 6 in casing
10. The estimated amount of groundwater withdrawn each year 5,000,000?
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No available record

Signature of Owner David Bennett
Date Dec 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#2774

I certify that I received and filed this

instrument of title 21st
date Dec 63 9:20
at 6:00

F. G. Moore

COBALT RECORDS

By Shirley Keith
DEPUTY

File No.
D.C.P.

T...C.N.R. 25 14
County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 17 1964

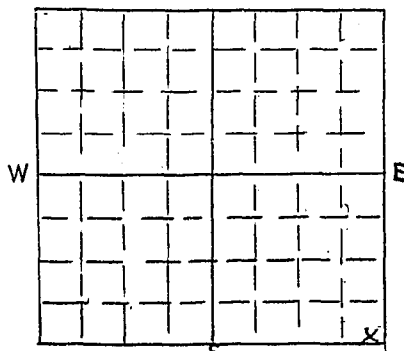
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Donnie Murr, of Route 2 Box 49, Hamilton...
(Name of Appropriator) (Address) (Town)

County of Ravalli State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. E 1/4 Sec 14, T. 6, R. 21.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household use, Cattle Water Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about the year 1945 Continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden Truck Patch & Garal Donnie Murr

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pumps Barn Garal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about the year 1945

8. The depth of water table about 20 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well depth 100 ft Barn Steel Casing drilled well

10. The estimated amount of groundwater withdrawn each year 100,000

11. The log of formations encountered in the drilling of each well if available Sand & gravel & Clay sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record if any I don't know about them

Signature of Owner Donnie Murr

Date Dec 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

#4252

I certify that I received and filed this
instrument on this 27th
day of June, 1964, at 8:27
o'clock A. M.

F. V. Moore
COUNTY RECORDER

By Shirley Keith
DEPUTY

File No. 1673

DUPLICATE

T 6 R 21

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

AMENDED

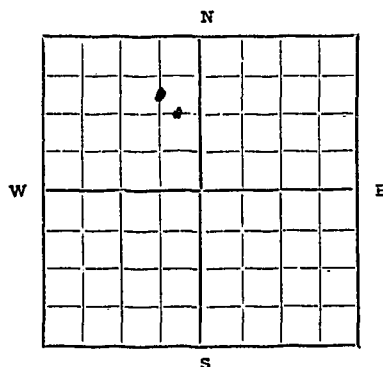
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUL 28 1962
STATE ENGINEER

1. M. A. Sizemore of Hamilton
(Name of Appropriator) (Address) (Town)

County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 23rd. Sec 14 T. 6 R. 21

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based irrigation & house use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1950 and use continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 Gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof M. A. Sizemore 70 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1950
8. The depth of water table 75 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 98 ft from top 6" casing
10. The estimated amount of groundwater withdrawn each year 200 000 Gal
11. The log of formations encountered in the drilling of each well if available Top soil & boulders to 20 ft. boulders, coarse gravel to 30 ft. Red & grey clay to 55 ft. fine sand & gravel to 60 ft. sea gravel and coarse sand to bottom
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

I certify that I received and filed this
instrument on this 27th
day of Nov. 19 62 at _____

Notary
Richard Hark
COUNTY RECORDER

By _____
Notary

File No. 1672

DUPLICATE

T 6 N R 21 W-14

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 28 1962

AMENDED

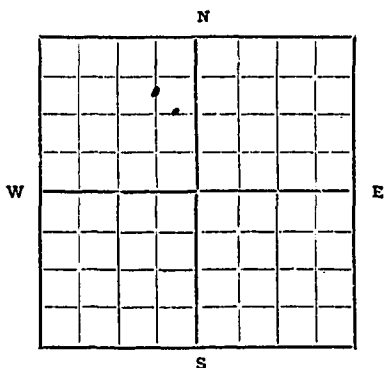
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. M. A. Seger of Hamilton Mont.
(Name of Appropriator) (Address) (Town)

County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.C. 7.21

Sec. 14, T. 6, R. 21, W. 14
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sec. 30-61
Dumping all last summer
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 Gal per min
5. If used for irrigation, give the acre and description of the lands to which water has been applied and name of the owner thereof M. A. Seger 20 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 10-23-61 Completed 12-30-61

8. The depth of water table 75 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Casing
Bottom of Well is 98 ft from top

10. The estimated amount of groundwater withdrawn each year 250,000 Gal

11. The log of formations encountered in the drilling of each well if available Gravelly Boulder to 30 ft
Hard rock mixed with Chert, Gray Clay & rock to 99 ft of fine sand and gravel to 94 ft
Lean shale and coarse white sand to bottom

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Shale & Boulder to 30 ft Hard rock mixed with

Signature of Owner M. A. Seger
Date Nov. 27-62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

Figure 1 consists of four scatter plots arranged in a 2x2 grid. Each plot shows the relationship between the 'Number of children' (x-axis) and the 'Number of children in household' (y-axis). The top-left plot is labeled 'All children' and shows a positive correlation. The top-right plot is labeled 'Non-elderly children' and also shows a positive correlation. The bottom-left plot is labeled 'Elderly children' and shows a positive correlation. The bottom-right plot is labeled 'All children' and shows a positive correlation. Each plot has a grid of lines and data points represented by small circles.

T. 6 R. 21
County. Ravalli

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner. M. A. Sizer Address. Hamilton

Driller. Mrs. Norman Ray Address. "

Date Started 10-23-61 Date Completed Dec. 20-61

Location: Sec. 14 T. 6 R. 21 1/4 sec. S1/2 NE1/4 NW1/4

Type of well. Drilled Equipment used Reg Drill rig
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other: Per ft

Casing: 98 ft from top to top ft. Type Standard 16# Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. None to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 27 feet feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 27 feet feet at 72 ft to Water gal. per min. 25

How tested:

Length of test With baler

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

T. 6 R. 21

County Ravalli

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
STATE ENGINEER

Owner M. A. Sizer Address Hamilton

Driller Wm. Maki Address "

Date Started In 1950 Date Completed In 1950

Location: Sec. 14 T. 6 R. 21 1/4 sec. S 1/2 NE 1/4 NW 1/4

Type of well Drilled Equipment used Reg. drill rig
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other:

Casing: 90 ft. ft. to from top ft. Type Standard 16# Size 6 inch

Casing: of Ground ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. None to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 32 feet feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 28 feet feet at 59 ft to Water gal. per min. 25

How tested: With baler at time of drilling

Length of test: this summer about 30 days constant

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

File No. 1832

T. 4 N. R. 21 W.

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JCT 9 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Spring 1961

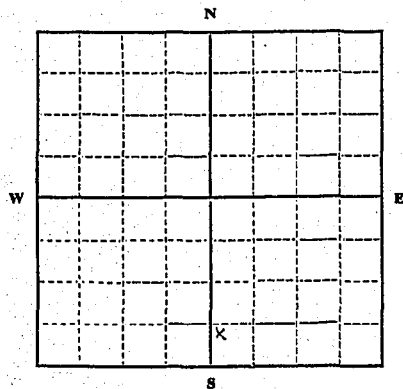
Owner Ada M. Monia Address Rte 2 Box 47 Hamilton

Contractor (if any) Kenneth Gardner

Address of Contractor Corvallis Mont

Date Started Feb 1961 Date Completed Feb 1961

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Sump Hole - 8 feet



SW 1/4 Sec. 14 T. 6 R. 21
Indicate point of appropriation
and place of use, if possible.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Rainway
sprinkler 3 horse pump
80 gallons per minute
3 weeks month from May
1st to Sept 30

Signature of Owner Ada M. Monia

Date Oct 7 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

I certify that I received and filed this
instrument on this 7th
day of Oct., 1963, at 4:50
o'clock P.M.

F. S. Moore
COUNTY RECORDER

By..... DEPUTY

Fee \$2.00

File No. 1831

T 6N R 21W

DUPLICATE

Ravalli County

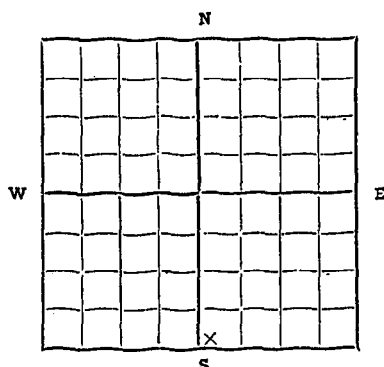
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 9 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ada M. Morris of Rt. 2 Box 47 Hamilton Montana
(Name of Appropriator) (Address) (Town)

County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 14 T. 6 R. 21
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec 3 1953
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about an acre Ada Morris
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced Nov 29 1953
completed Dec 3 1953
8. The depth of water table 41 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 4 in casing
1 1/4 in. intake 3/4 in. outlet
10. The estimated amount of groundwater withdrawn each year 50,000 gal
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

Ada M. Morris
Oct 7 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

6285

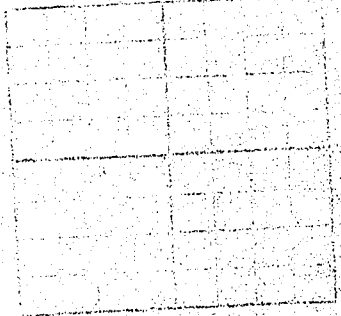
I certify that I received and filed this
instrument on this 7th
day of Oct. 1963, at 4:45
o'clock P.M.

F. H. Moore
COUNTY RECORDER

By _____ DEPUTY

Fee \$2.00

RECEIVED
OCT 10 1963
COUNTY RECORDER



RECEIVED
OCT 10 1963
COUNTY RECORDER

T. _____ R. _____

County Beavert

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1957

WATER WELL LOG

STATE ENGINEER

Owner J. DON SULLIVAN Address RT 3 HAMILTON MONT

Driller M. K. I. DECEASED Address _____

Date Started 1947 Date Completed 1947

Location: Sec. 14 T. 6 R. 21 $\frac{1}{4}$ sec. N. 1/4 NE 1/4

Type of well _____ Equipment used _____
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

Industrial ☐ Drainage ☐ Other: _____

Casing: 90 ft. from top ft. Type _____ Size _____

Casing: of ground ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 32 ft feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 28 feet at 59 ft. to water gal. per min. 25

How tested: With labor of time of Drilling

Length of test: During summer Sixty days constant

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

File No.

T. 6N R. 21W 14

DUPLICATE

County

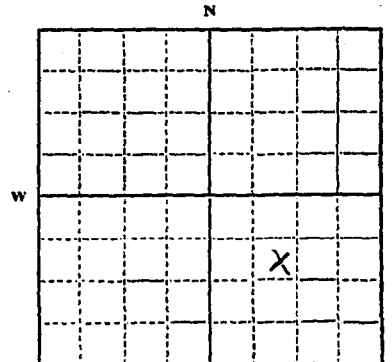
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Henry Menagan, of Route 2 Box 56 Hamilton
(Name of Appropriator) (Address) (Town)
County of Ravalli, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is Household Stock and yard
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 900 Gall per hour
4. The annual period (inclusive dates) of intended use 6" to 12" yard border between house and stock
5. The probable or intended date of first beneficial use 1946
6. The probable or intended date of commencement and completion of the well* or wells* March 1946
7. The location, type, size and depth of well or wells contemplated 5 ft S of House 15' to 20' hole drill 6" casing to 10 ft
8. The probable or estimated depth of the water table or artesian aquifer 15'
9. Name, address and license number of the driller engaged Anderson Bros. Lemote drill
10. Give such other similar information as may be useful in carrying out the policy of this act.....



SE $\frac{1}{4}$ of N.W. $\frac{1}{4}$ Sec. 14 T. 6N R. 21W
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Henry MenaganDate Dec 31, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

37212

File No.

T. 6N R. 21W

DUPLICATE

County

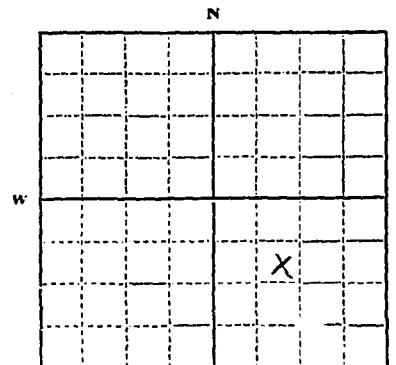
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

- I, Henry Menager, of Route 2 Box 56 Hamilton
(Name of Appropriator) (Address) (Town)
County of Garfield, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is Household Stock and yard
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 900 Gall per hour
- The annual period (inclusive dates) of intended use 6 months ending September 30, 1946
- The probable or intended date of first beneficial use 1946
- The probable or intended date of commencement and completion of the well* or wells* March 1946
- The location, type, size and depth of well or wells contemplated 5 ft S of House 15' to 40' deep 6" casing 6 ft
- The probable or estimated depth of the water table or artesian aquifer 15'
- Name, address and license number of the driller engaged Anderson Bros. Bozeman
- Give such other similar information as may be useful in carrying out the policy of this act.....



SE 1/4 of N.W. 1/4 Sec. 14 T. 6N. R. 21
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Henry Menager

Date Dec 31, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

37212

#2749

I certify that I received and filed this
Instrument on this 31st
day of Dec 1963 at 8:55
o'clock A.M.

F. H. Moore

COUNTY RECORDER

By

Shirley Ruth

DEPUTY

File No. Sup.

T. 6 R. 21 14

Ravalli County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

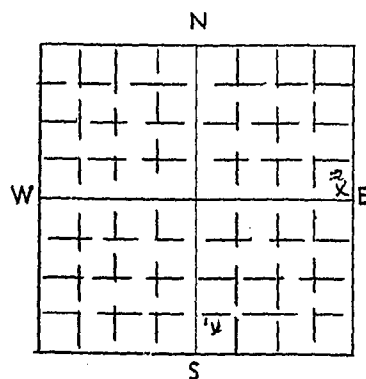
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws 1961)

1. Anna Jane Holling of Rt #2 Box 38 Hamilton
(Name of Appropriator) (Address) (Town)

County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based. domestic and stock



SW 1/4 SE Sec. 15 T. 6 R. 21
Indicate point of appropriation and
place of use, if possible. Each small
square represents 10 acres.

3. Date or approximate date of earliest beneficial use; and how
continuous the use has been. 1900
(3)-1953

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) sixty

5. If used for irrigation, give the acreage and description of the
lands to which water has been applied and name of the owner
thereof.

6. The means of withdrawing such water from the ground and the
location of each well, or other means of withdrawal. electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 1900
(3)-1953

8. The depth of water table. 15 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any
other works for the withdrawal of groundwater. 17 ft. well
Drilled well 30 ft.

10. The estimated amount of groundwater withdrawn each year. 1,650,000

11. The log of formations encountered in the drilling of each well if available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

Signature of Owner. Anna J. Holling

Date. Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines
and Quadruplicate for the Appropriator.

37194

#2731

I certify that I received and filed this
instrument on this 31st
day of Dec. 63 at 8:37
o'clock A. M.
F. G. Moore
County Clerk
By Shirley Keith
DEPUTY

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner **Jack Gurley**

Address Hamilton, Montana

Date well started **5/19/72**

completed 5/26/72

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

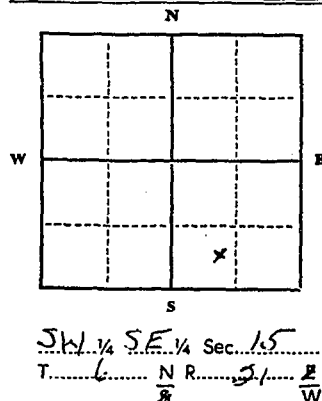
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL 10 gallons per minute

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	17 lbs. per ft.	0	51	3/16x5	46	51



Static water level 31 ft.*
Pumping water level 46 ft.*
at 10 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by bailed
for two hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

One ft. of gravel pack

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's SignatureDriller's Address Box 27

Victor, Montana

LICENSE NO....200

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

[illegible]

51 ft. Show exact depth of bottom

50,793

I do. received and filed this:
instrument 48 3-7
day of July 19 72 at 3:05
o'clock P.M.
F. E. Moore
COUNTY RECORDER

By Fee 2.00 DEPUTY

By File 2.00 DEPUTY

By File 2.00 DEPUTY

File No.

T 6 N R 21

DUPLICATE

Ravalli County

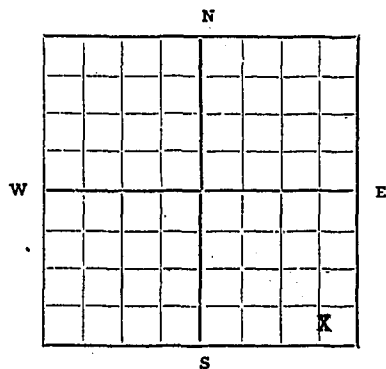
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. C.L. Moyle of Route 2 Hamilton
(Name of Appropriator) (Address) (Town)

County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 15 T 6 R 21
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based On use since 1953
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since July of 1953 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Used for house, stock water and lawn. (Lawn about one half acre)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump at house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Feb 1952
8. The depth of water table 175 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well 175 feet deep 6 inch casing water comes to about 50 feet from top of casing
10. The estimated amount of groundwater withdrawn each year 75,000 gallons
11. The log of formations encountered in the drilling of each well if available Earth and rock to 90 feet then Grey clay the rest of the way
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner C. L. Moyle
Date 12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

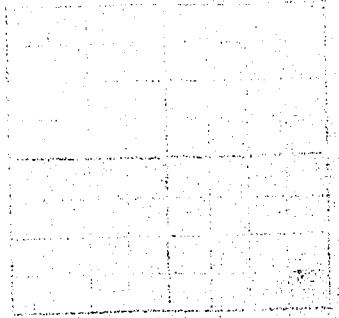
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

27402

#2592

I certify that I received and filed this
document on this 30th
day of Dec., 1963, at 2:40
o'clock P.M.

F. D. Moore
COUNTY RECORDER
Shane McTaggart
DEPUTY



County...Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUN 27 1977.

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Sophie Redjour

Address 177 South 2nd St.

Hamilton, Montana 59840

Date well started June 8, 1972

completed June 9, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used **chain**

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

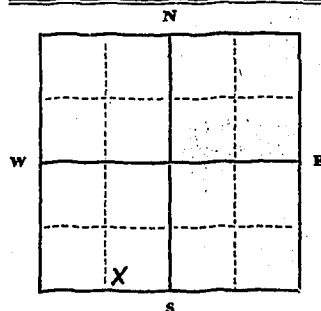
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). _____

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lbs per ft.	0	57	3/16x5	47	57



Static water level37.....ft.*
Pumping water level ..52.....ft.*
at ..10.....gallons per minute,
measured .60..minutes after pumping
began.

*Measured from ground level.
Well developed by pumping
for 12 hours.

Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

1. of gravel pack.

SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15
T. 6 N R. 21 E
8 W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature _____

Driller's Address Kavalli Drilling, Victor, Montana

LICENSE NO. 200

Top of Ground

(Elev. above sea level)

[illegible]

57 _____ Show exact depth of bottom

~~50,741~~ 50,741

#5645

I certify that I received and filed this
instrument on this 26th
day of June, 1972, at 11:15
o'clock A.M.

F. S. Moore
COUNTY RECORDER

Fee \$2.00
DEPUTY

SEP 14 1970

County Ravalli

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
 APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located; last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner U.S. Geological Survey
 Address Box 1696
Helena, Montana
 Date well started Sept. 3, 1970
 completed Sept. 4, 1970

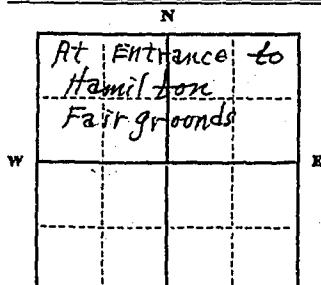
For Administrator's Use
 File 5219
Sept. 10, 1970
4:30 P.M.
 GW 1

Type of well Drilled
 (Dug, driven, bored or drilled)
 Equipment used Churn Drill
 (Churn drill, rotary or other)
 Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☒ Garden/Lawn ☐

*Describe government study
 USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	40	3/16x5	30	40



S.W. 1/4 Sec. 19
 T. 6 N R. 21 E

Static water level 6 ft.*
 Pumping water level 7 ft.*
 at 80 gallons per minute,
 measured 3 minutes after pumping began.
 *Measured from ground level.
 Well developed by baling & pumping
 for 3 hours.
 Power 3 Pump 3 HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff) gravel pack from 30 to 40 feet.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C. F. Winkle Ravalli Drilling Co.

Driller's Address Box 27, Victor, Montana 59875

LICENSE NO. 62

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	Topsoil
2	21	Intermittent layers Sand, Gravel, Some boulders
21	40	Intermittent layers Sand, Gravel Water bearing

40 Show exact depth of bottom

47503
 7' 12"

#5319

I certify that I received and filed this
instrument on this 10th
day of Sept, 1920, at 4:30
o'clock P.M.
F. S. Moore
COUNTY RECORDER
By No Fee
DEPUTY

RECORDED
INDEXED
FILED
SEP 10 1920
CLERK OF SUPERIOR COURT
SANDUSKY, N.Y.

SEP 14 1970

County avalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner U.S. Geological Survey

Address Box 1696

Helena, Montana

Date well started Sept. 3, 1970

completed Sept. 4, 1970

For Administrator's Use	
File	<u>5219</u>
	<u>Sept 19, 1970</u>
	<u>1128 P.M.</u>
GW 1	

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☒ Garden/Lawn ☐

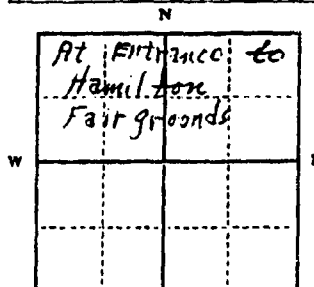
*Describe government study

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

(None) used for water levels.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From	To
6"	17 lbs. per ft.	0	40	3/16x5	30"	40"



SW 1/4 Sec. 19

T. 6 N. R. 41 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C. F. Winkle avalli Drilling Co.

Driller's Address Box 27, Victor, Montana 59875

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	2	Topsoil
2	21	Intermittent layers Sand, Gravel, Some boulders
21	40	Intermittent layers Sand, Gravel water bearing

LICENSE NO. 62

40 Show exact depth of bottom

415503

RECEIVED

SEP 14 1970

County avalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner U.S. Geological Survey

Address Box 1696

Helena, Montana

Date well started Sept. 3, 1970

completed Sept. 4, 1970

Type of well Drilled

Equipment used Open Drill

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☒ Garden/Lawn ☐

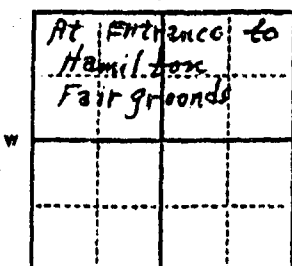
*Describe government study

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

(Note) used for water levels.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	From (Feet)	To (Feet)
6"	17 lbs. per ft.	0	40	3/16x8	30	40



S.W. 1/4 Sec. 19

T. 6 N. R. 41 W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature C. F. Wille avalli Drilling Co.

Driller's Address Box 27, Victor, Montana 59875

LICENSE NO. 62

Top of Ground

(Feet, above sea level)

From (Feet)	To (Feet)	Description
0	2	Topsoil
2	21	Intermittent layers Sand, Gravel, Some boulders
21	40	Intermittent layers Sand, Gravel Water bearing

DR*
Indicate the c
ness of strata
gravel, shale
depth at which water
height to which water

40

Show exact depth of bottom

415503

County Ravalli Twp. 6 North Rge. 21 West
Folder # 2

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
21	Hanson, Raymond C.	GW-2	5824	
21	" "	GW-2	6055	
21	Raatt, Mont	GW-3	2164	
22	Bursh, John A.	GW-2	5597	
22	Battler, Jim	GW-2	5723	
22	Truick, Max	GW-2	5695	
22	Heron, Radolph & Alza M.	GW-3	1986	
22	" "		2913	
22	McKee, Thomas G. & Helen K.	well log		
22	Stevens, Hoyt B. & Myrtle H.		4107	
22	Smith, Dale	GW-2	5146	
23	Buss, Peter	GW-2	5613	
23	Davis, Elmer	GW-2	5708	
23	Brier, Lucile & Mary B.	GW-3	4465	
23	Forslin, Robert C. & Alice		1614	
23	Lieken, Carl	GW-2	5400	
23	Talman, Marvin	GW-2	4672	
23	Tolson, Robert	GW-2	5762	
23	Hague, Maude		1816	
23	Hastekin, Ed & Marjorie		2070	
23	Kleman, Emil		2879	
23	McKinney, Gary	GW-2	5578	
23	Ketchum, John	GW-2	5861	
23	Kerr, Bob	GW-2	5410	
23	Kerr, Robert F.		4707	
23	Hayer, Bill Henniksen		4419	
23	Ketchum, John G. & Harold	GW-3	5879	
23	Living, Ralph	GW-2	5768	
23	Mr. Bogart, Archibald Katherine		3060	
23	Hastekin, Thelma Myrtle		2797	
23	Arrington, Spencer P. & Mary M.		4281	
23	Fisher, R. J.	GW-2	5534	
23	Dunbar, Gary Watson		4202	
23	Agarstrom, H. L.	GW-2	5747	
23	Heikkila, Jay	GW-2	5063	
23	Chandler, Walter C.	GW-2	3026	
23	" "	GW-4	1737	
23	Dutton, Alvan & Hilma Rich		2663	
23	Sharbons, Robert C.		2012	
23	Smith, Collin W. & Victoria C.	GW-4	2141	
23	Pfeifer, Fred	GW-4	1705	
23	Hutson, Richard		1970	
23	Zeller, Arndt J.		2103	
23	" "		2102	
23	Tibbitts, Del	GW-2	5127	
24	Meyer, Dick F. & Blanche	GW-4	2156	

County Ravalli Twp. 6 North Rge. 21 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
24	Mesterson, Lyle W. & Elsie		4767	
24	McClean, Donald W.		2557	
24	Langley, Walter H.	GW-3	2625	
24	" "		2623	
24	" "		2624	
24	Hieronymus, Geo. C. & M. Debra		2993	
24	Meyer, Dick F. & Blanche A.		2155	
24	Fuller, Richard & Alice		2312	
24	Hieronymus, Geo. C. & M.		2994	
24	Haack, Albert C. & Elsie M.		1967	
24	Harris, Arthur & Lida	GW-4	2405	
24	" "	GW-4	2404	
24	Horton, James F.	GW-4	4776	
24	Hauswirth, Paul L.		1801	
24	" "	GW-4	1802	
24	Haack, Albert C. & Elsie M.		2113	
24	Champlin, Ethel		4002	
24	Drake, Lillian L.		2498	
24	Platt, Howard	GW-2	4576	
24	Bates, Howard N.	GW-2	5805	
24	Huglar, Chester & Mary	well log		
24	" "	GW-2	4898	
24	" "		2176	
24	Tapelich, Mitchell & Mary	GW-3	2323	
24	Carmining, Leslie J. & Elsie E.	GW-4	2221	
24	Parker, John T.		2715	
24	Dix, Tony	GW-2	5450	
24	Isaacson, George		2157	
24	" "		2158	
24	Platt, Howard		1953	
24	Platt, George H. & Marion E.	GW-4	1951	
24	Cleveland, Bertha M.		2435	
24	Cleveland, Lyle V.	GW-3	2270	
24	" "		2268	
24	" "		2269	
24	" "		2271	
24	Platt, George H. & Marion E.		1952	
24	Burns, Harold A.	GW	5344	
24	Shaffner, Martin E.	GW	1945	
24	Ortli, Donald E.		2478	
24	Ruark, James & Annette	GW-4	2772	
24	Pluff, Ernest T.	GW-4	1890	
24	" "	well log		
24	Ruark, James & Annette	GW-3	2773	
24	Shaffner, Martin E.	GW-4	1946	
24	Standard, Thomas T. Hunt		2521	

County Ravalli Twp. 6 North Rge. 21 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
24	Stanford, J. Frank		1990	
24	" " "		1991	
24	Parker, John T. & Irene	well log		
24	Stanford, Thomas T.	GW-2	5775	
24	Stanford, Frank	GW-3	1989	
25	Parker, John T. & Irene	well log		
25	Ravalli County	well log		
25	Severns, E. J. & Fern	well log		
25	Hamilton Motor Co		4052	
25	Kenne, Roger "Bud"	GW-2	5929	
25	City of Hamilton		4085	
25	Monson, Melvin H.	GW-2	6031	
25	Mrs Donald, Agnes J.		1690	
25	Kenne, Roger E.	GW-2	5930	
25	City of Hamilton		4397	
25	Drumling, John H. & family		4068	
25	Bachhuber, George	GW-2	1738	
25	Cartrell, William E.	GW-2	5917	
25	Phillips, Earle E. & Tim	GW-2	190368	
25	Gahmoch, J. W.	GW-2	5482	
25	Maen, Ruth	GW-2	5666	
25	Stewart, George M.		2937	
25	Appleberg, James E.	GW-4	1754	
25	M. E. Allen, Winnie	GW-4	1756	
25	Karmon, Milton & Betty	well log		
25	Bitter Root Cannery		2717	
25	Belkio, Zelda	GW-2		
25	Bernatz, Fred T.	GW-2	178062	
25	" " "	GW-2	1638	
25	Pearce, John	GW-2	5293	
25	Fitzer, Lloyd	GW-2	1807	
25	Fitzer, Edward R. & Hally		2760	
25	Oliva, Elsie W.		2912	
25	Amney, M. R. & Brooks, Edna		2795	
25	Parker, John T. & Irene	well log		
25	Presbyterian Church	GW-2	170967	
25	Parker, John T.		2714	
25	Schoep Westview #3	GW-2	4062	
25	Schoep, Alf	GW-2	5238	
13	Wilkinson, Susie	GW-H	5643	
25	Fullerton Plumbing	GW-2	4913	

52,534

5824

I certify that I received and filed this
instrument on this 2nd
day of March, 1923, at 10:15
o'clock A. M.

Darlene E. Hughes
COUNTY RECORDER

By H. E. 200
DEPUTY

County Rowan

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner <u>A. C. Larson</u>	For Administrator's Use
Address <u>1724 NW 21st</u>	File <u>6055</u>
<u>Long Beach Calif 90800</u>	<u>7-3-73</u>
Date well started <u>6/11/73</u>	GW 1 <u>10:00 A.M.</u>
completed <u>6/13/73</u>	

Type of well drilled
(Dug, driven, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

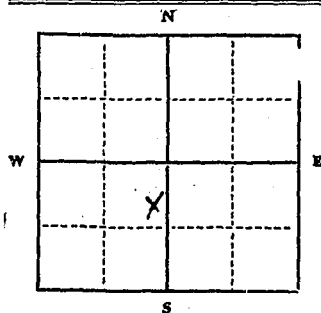
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
1. D.	6" C. A.	1 ft. 8 in	63 1/2			
	1 1/2 lb	above			none	
	per	3. L.				
	1 1/2					



NE $\frac{1}{4}$ Sh $\frac{1}{4}$ Sec. 21
T. 6 N. R. 21 E.
S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Pittman Limb

Driller's Address 012 BX 49

Stearnsville, Mo. LICENSE NO. 250

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) _____

[illegible]

63 1/2 Show exact depth of bottom

Possibly that I received and filed this
 instrument on this 3rd
 day of July, 1973, at 10:00
 o'clock PM.

By Hee L. od DEPUTY

File No. 2164T. 6 R. 21

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner. Grant Pratt Address NW of Hamilton

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applical

Natural Flow spring - Approx. 3 Miners inches
flow 8 months of year - decreases to 1 1/2 miners
inches 4 months of year

Probable get more flow with development

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

undeveloped

NW 1/4 SE Sec 21 T 6 R 21

Indicate point of appropriation
and place of use, if possible.

Signature of Owner.....

Grant W. Pratt

Date December 22, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

I certify that I received and filed this
instrument on this 26
day of Dec 1963 at 3:56
o'clock P. M.

F. H. Moore
COUNTY RECORDER
By _____ DEPUTY

RECORDED
INDEXED