

File No.

T. 13N R. 19W 19

DUPLICATE

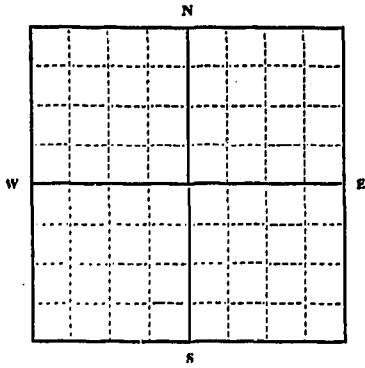
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Notice of Appropriation of Groundwater STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Donald V. Scott, of 428 N. Grove Missoula
(Name of Appropriator) (Address) (Town)
County of MISSOULA, 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 IRRIGATION - 4 ACRES
Lot 46 Cobban & Dinsmore's Orchard Homes
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 300 GPM
4. The annual period (inclusive dates) of intended use MAY THRU OCTOBER
5. The probable or intended date of first beneficial use MAY 1963
6. The probable or intended date of commencement and completion of the well* or wells*
Completed MAY 1963
7. The location, type, size and depth of well or wells contemplated 6" well 60'
Depth
8. The probable or estimated depth of the water table or artesian aquifer 20'
9. Name, address and license number of the driller engaged John Farrell
ARICE, MONTANA
10. Give such other similar information as may be useful in carrying out the policy of this act. NOT KNOWN



1/4 Sec. T. R.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Donald V. Scott
Date 12/31/63

* 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however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."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.

052 2154 26

I received and filed this instrument
recorded on the day of 1963
at o'clock M., permanent files
of Missoula County, State of Montana
Witness my hand:
MAYNARD S. BEHN, County Recorder
By: *Walter S. Nelson* Deputy
Fee \$ Paid

GW -

19

File No. _____

T. 13N R. 19W

DUPLICATE

County Missoula

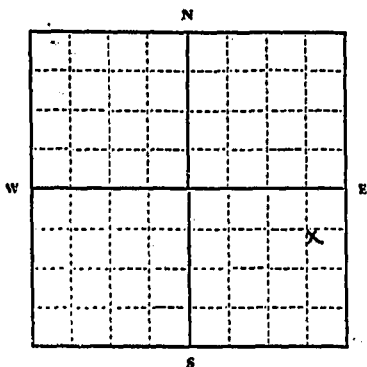
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1962

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN B. SEIBERT, of 2514 Gleason St., Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 19 T. 13N R. 19W

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 and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring of 1949
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
Garden, Lawn and Shrubs, John B. Seibert

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 Approximately the Spring of 1949

8. The depth of water table 60 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
4 inch drilled well

10. The estimated amount of groundwater withdrawn each year 2,600,000 gallons

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 Not available

Signature of Owner John B. Seibert
Date 31 Dec 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.

20220

1100

MISSISSIPPI

I received on file
at 125 0' Street, Department files
of Mississipi County, Missouri
Witness my hand
By *Mary S. Miller* Deputy
Dec 18 63

Q

File No. _____

DUPLICATE

T. 13 N. R. 19
County Missoula

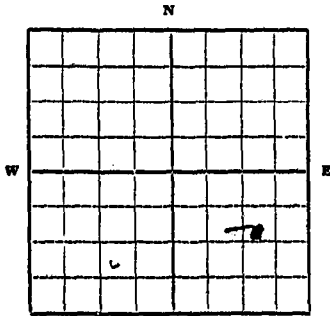
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 13 1963

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

Glenn Irving Shannon of 2640 S. 3rd St. Missoula
(Name of Appropriator) (Address) (Town)

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



NW 1/4 of
SE 1/4 Sec. 19, T. 13, R. 19

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

- The beneficial use on which the claim is based house hold use
- Date or approximate date of earliest beneficial use; and how continuous the use has been It has been used continuously since Sept. 1, 1939
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5.74+ gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drawn by electric pump from drilled well next to the house
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed during the latter part of August 1939
- The depth of water table From 10 to 15 ft deep I think
- 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 with 8 inch pipe from 17 to 48 ft deep. Only one well
- The estimated amount of groundwater withdrawn each year 91,250 gallons
- The log of formations encountered in the drilling of each well if available Drillers struck rock twice and blasted both times. They also found some sand.
- 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. I don't know this

Signature of Owner Glenn Irving Shannon

Date Aug 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

242

209460

Copy

I received and filed this instrument for
 record on the 9 day of Aug, 1960
 at 9:30 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By M. S. Behner Deputy
 Fee \$ 2.00 Paid

File No.

T13 N R 19 W

TRIPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

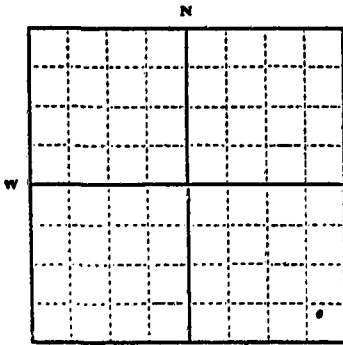
RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

George Stelling, Hermina Stelling
1 and Arthur Stelling, of 3032 South 3rd West Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 18 T. 13N R. 19W

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

- The beneficial use on which the claim is based for household and irrigation use
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 10-1-60 continuous daily for household use. Irrigation during summer months.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute.
- 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 acres on lot 12 George Stelling, Hermina Stelling and Arthur Stelling.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 well on lot 12 by pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 10-1-60 to 10-30-60
- The depth of water table 14 feet from ground level (Approximately) and 28 feet from ground level (Approximately) and table
- 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 driven 4 inch casing 57 feet from ground level.
- The estimated amount of groundwater withdrawn each year nominal household usage and summer irrigation.
- The log of formations encountered in the drilling of each well if available not available
- 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 Recorded in Vol. 216 of Deed Records of the county of Missoula, State of Montana, on Page 562.

Signature of Owner

Arthur Stelling

Date

12-18-63

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.

10736

438

214464

copy

I received and filed this instrument for record on the 18 day of Dec, 1963 at 1:35 o'clock P.M., permanent files of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Paul Hamel Deputy
Fee \$2.⁰⁰ Paid

File No. _____

T. 13 N. R. 19 W

DUPLICATE

County _____

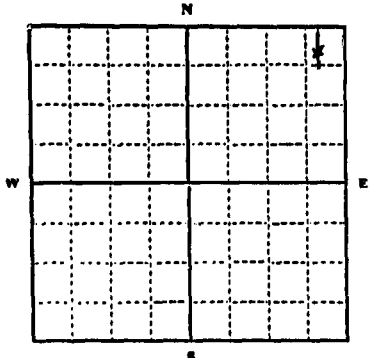
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Shelby Louis Taylor (Name of Appropriator), of *2506 Paris Rd.* (Address), *Missoula* (Town)
County of *Missoula* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4, Sec. 19, T. 13, R. 19
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based. *Household & irrigation for lawn & garden*
- Date or approximate date of earliest beneficial use; and how continuous the use has been. *1935 Used continuously since*
- The amount of groundwater claimed (in miner's inches or gallons per minute). *100 Gal. Per Minute*
- 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 Acre 6.5 ft wide 600 ft long for lawn & garden of Shelby & Louis Taylor*
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Two Springs on west side of house*
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *The well was dug in 1935*
- The depth of water table. *from 8 ft to 24 ft below ground line*
- 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. *Dug Well 3 ft diameter and 1 ft below ground line*
- The estimated amount of groundwater withdrawn each year. *500,000 Gal. Per Yr.*
- The log of formations encountered in the drilling of each well if available. *Do Not Know*
- 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. *Do Not Know*

Signature of Owner *Shelby Louis Taylor*
Date *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.

756

215764

I received of *[Signature]* this instrument for
 record on the *21* day of *Dec.* 19*60*
 at *1:30* o'clock *P.M.*, permanent files
 of Stanislaus County, State of Montana
 Witness my hand:
 MARY E. BEIKER, County Recorder
 By *[Signature]* Deputy
 Fee \$ *2.00* Paid

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File No. _____

DUPLICATE

T. 13 N., R. 19 W.

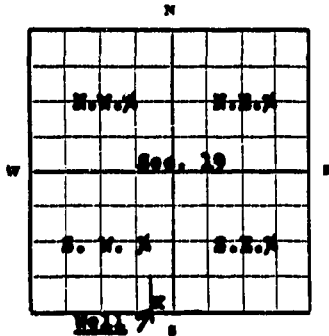
County MISSOULA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 20 1963
STATE ENGINEER

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

1. John B. & Catherine H. Taylor of 2912 S. 7th St., Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 19, T. 13 N. R. 19 W.

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 and lawn sprinkling
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1925
(Exact date not available) Used continuously since construction.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 Lawn sprinkling only. About 6000 Sq. Feet
in Lot 29, Dismore's Orchard Homes No. 4
Owned by appropriators.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jacuzzi 1/2 HP Electric Pump with pressure tank

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1925. Precise date not available
- 8. The depth of water table Approximately 30 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 with five inch casing.
Well approximately 65 feet deep from ground level, and pump and tank set
in sump about eight feet deep.
- 10. The estimated amount of groundwater withdrawn each year 1,500,000 gallons
- 11. The log of formation 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 This is a domestic water supply and the
only well on Lot 29, Dismore's Orchard Homes No. 4 situated in the S.W. 1/4
S.E. 1/4 S.W. 1/4, Sect. 19, T. 13 N., R. 19 W. Montana Principal Meridian.

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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

246

214511

I received and filed this instrument and
record on the *19* day of *Dec* 19*08*
at *10.20* o'clock *A* M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BENNER, County Recorder
By *Martin S. Benner*
Fee \$ *2.00* Paid

19

File No. _____

T. 13² 19^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 3 1963
STATE ENGINEER

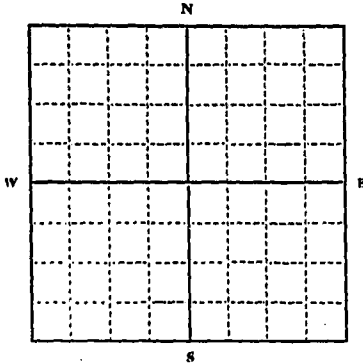
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 James B. & Violet M. Thomson, of R.R.# 1, Orchard Homes, Missoula,
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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



1/4 Sec. 19, T. 13, R. 19

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. Sole water supply for household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1942. Constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approximately 100 Gal. a 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 1/2 Acre of lawn and garden. James B. & Violet M. Thomson.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump. one foot South and five feet East of Corner of SE Corner of House. Lot 17 Addition 4, Corban Dinamore Add

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 1, 1941

8. The depth of water table. As far as I know about 60 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. 35 ft depth. Three inch casing. Driven well.

10. The estimated amount of groundwater withdrawn each year. 36500 Gals. a year per person.

11. The log of formations encountered in the drilling of each well if available. 6 in. top soil then sandy gravel and boulders.

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. Refer to proper county records.

Signature of Owner Violet M. Thomson

Date 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.

19911

682 215029

I received and filed the instrument for
record on the 4th day of Nov 1867
at 9:04 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN S. BEAN, County Recorder
By *Martin S. Bean* Deputy
Fee \$ 2.00 Paid

Should not be recorded here as it is not a legal document and should be filed in the
proper place, see the rules of the court and the laws of the State.
L. H. C. L. 1867-1870

File No. _____

T. 13^N R. 19^W

DUPLICATE

County _____

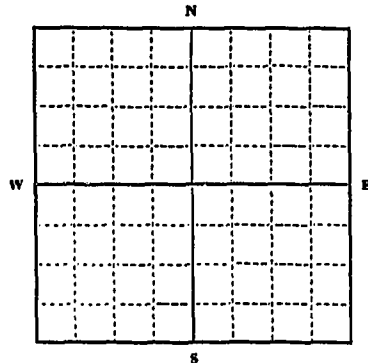
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. E Ray Trapp, of 1637 Idaho St Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 15 T. 13 R. 19

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been April 1 - 1957
every day

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

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 water

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct 1958 - Nov. 1958

8. The depth of water table 30 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. 4" 50 ft.

10. The estimated amount of groundwater withdrawn each year house use

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

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 do not know

Signature of Owner E Ray Trapp
Date Dec 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.

121

517 319 Dec 63
 of Mississippi County, State of Missouri
 Witness my hand and seal of office
 By Walter A. [Signature] Deputy
 Fee \$ 2.00 Paid

RECORDED
 INDEXED
 3674

File No. _____

RECEIVED

T. 13N R. 19W

DUPLICATE

JUN 12 1970

County Missoula

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)

Roland and

Owner Catherine Tripp Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 12/3/65 Date completed 12/9/65

Type of well Drilled Equipment used Cable tools
(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.

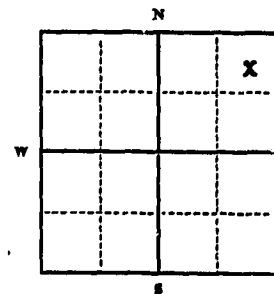


Top of Ground -
(Elev. above sea level 3200 ft.)

Formations Log:

- 0 - 6 Well pit.
- 6 - 21 Gravel and cobblesones.
- 21 - 32 Sand and gravel imbedded in tan clay.
- 32 - 49 Fine gray sand.
- 49 - 52 Fine sand and gravel.
- 52 - 61 Sand and gravel.
- 61 - 71 Clean coarse sand and gravel.
Water.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" by 1/4"	-4 1/2	70	Mills knife	61	70



Water rises in well 16 feet to surface.

Static Water Level for non-flowing well 16 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 34 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well Non-flowing

How Tested Air Lift Pump

Length of Test 2 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through perforations in the six inch casing.

Doc. No. 291549

Filed for record this 3 day of June A. D. 19 70, at 8:22 o'clock A. M.

NE 1/4 Sec. 19, T13N R. 19W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(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).

Lot 9 Block 2 Plummer Addition of Cobban and Dinsmore's Orchard Home Addition No. 1

Show exact depth of bottom.
Bottom of well 71 ft.

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.

52
Driller's License Number

William Adams
Driller's Signature.

46567

1996 291749

I received and filed this instrument as
recd on the 3rd day of June 1972
at 8:22 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
Verance R. Cross, County Recorder
By M. J. Cross Deputy
Fee 1.00

RECORDED IN BOOK 100 PAGE 100

MISSOULA COUNTY, MONTANA
STATE OF MONTANA

Proprietor in and owner of the property
is VERANCE R. CROSS and has signed
and acknowledged the foregoing instrument
before me in presence of MISSOULA COUNTY, MONTANA
this 3 day of JUNE 1972.

File No. _____

T. _____ R. _____

DUPLICATE

JUN 10 1970

County Missoula

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)

Reiland and Catherine

Owner: Tris Address: 511 Kevaty Drive

Camp Well Drilling & 1522 S. 14th

Driller: Pump Supply Address: Missoula, Montana

Date of Notice of appropriation of groundwater: _____

Date well started June 30, 1966 Date completed July 7, 1966

Type of well Drilled Equipment used Churn Drill
(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.



Top of Ground
(Elev. above sea level _____)

0-3 Top soil

3-9 Heavy Gravel, Clay
Cobblestones

9-18 ~~Heavy Gravel, Clay~~
~~Cobblestones~~

18-27 Pea Gravel and
Clay

27-36 Water, clay,
cobblestones and
Gravel

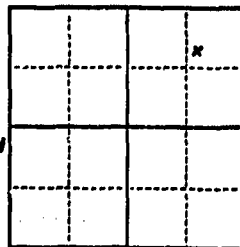
36-38 Sand, Gravel,
Water

38-53 Boulders, Gravel
Water

53-65 Sand, Clay,
Gravel & Water

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6" I.O.	6" I.O. 17 lb per ft.	10" above G.L.	65'			none

Lot 5
Block 1
Plummer Add. of
Cobban & Dinamore's
Orchard Homes Add. # 1 W
NE 1/4, Sec. 19, T. 13N
R 19 W.



Static Water Level for non-flowing well

10.2' feet.

Shut-in Pressure for Flowing Well

13.2' feet

Pumping Water Level

at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Air Compressor

Length of Test 1 hour

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

NE 1/4 Sec. 19 T. 13N R. 19 W.

Doc. No. 291748

Filed for record

this 3 day of June

A. D. 19 70, at 8:20

o'clock 8 M.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(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.

License # 7

Driller's License Number

Philip G. Balke
Driller's Signature. Camp Well
Drilling & Pump Supply
46566

1995-

291748

I received and filed this instrument for
 record on the 3 day of June 1970
 at 8:20 o'clock A.M. permanent files
 of Missouri County, State of Missouri
 Witness my hand:
Verdugo R. Crouse, County Recorder
 By Morton M. [Signature]
 Fee \$ 2.00 Paid

RECORDED
 JUN 10 1970
 MISSOURI COUNTY, MISSOURI

RECORDED IN BOOK 10 PAGE 104
 JUN 10 1970
 MISSOURI COUNTY, MISSOURI

219

File No. _____

T. 13^N R. 19^W
County Missoula

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

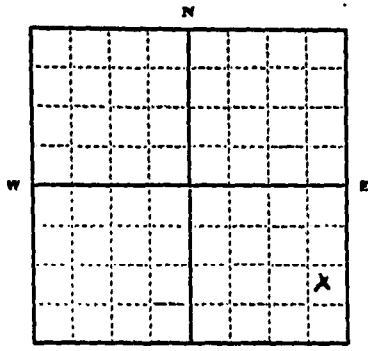
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Wagner
1. Ms Alice (Wiedmer) Wagner, of 2522 Oloson Drive Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula 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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. _____
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
- 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 Lawn
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well 3 S.E. 1/4 S.E. 1/4 Sec 19 T. 13 R. 19

S.E. 1/4 S.E. Sec 19 T. 13 R. 19

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

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1958
- 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. Depth 50 ft
9-5-61
- 10. The estimated amount of groundwater withdrawn each year. unknown
- 11. The log of formations encountered in the drilling of each well if available. unknown
- 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 Alice (Wiedmer) Wagner
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.

2053

857 215-325

I received and filed this instrument for
record on the _____ day of _____ 1967
at _____ o'clock _____ M., permanent office
of _____ County, State of Montana
Witness my hand
WALTER S. BROWN, County Recorder
By _____ Deputy
Fee \$ _____ Paid

File No. _____

DUPLICATE

7-13 N R 19 W 19
County Missoula

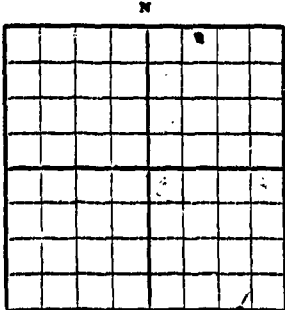
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

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

Charles H. Walker & Walter of 2624 87th RI Missoula
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec 19 T13 R11
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based Domestic and lawn and garden irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 Constant
- The amount of groundwater claimed (in miner's inches or gallons per minute) 18 gal per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SE 1/4 Sec 19 T13 R11
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1HP Electric pump

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946
- The depth of water table Depth of well 46 ft 26 ft of water
- 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 Sullied well, 6 in pipe 46 ft
- The estimated amount of groundwater withdrawn each year 50000 gal per year
- The log of formations encountered in the drilling of each well if available Not available
- 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 In Patent United States of America to Janet Jane Spurre, Book N of Deeds at page 70 records of Missoula County

Signature of Owner Charles H. Walker
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.

20336

1217

2E 23

Copy

I received and filed this instrument for
 record in Book 3147 on Dec 19 1905
 at Helena in the permanent files
 of Missoula County, State of Montana
 Witness my hand:
 By Mortland County Recorder
Deputy

MISSOULA COUNTY RECORDS
 BOOK 3147 PAGE 191

MISSOULA COUNTY RECORDS
 BOOK 3147 PAGE 191

MISSOULA COUNTY RECORDS
 BOOK 3147 PAGE 191

MISSOULA COUNTY RECORDS
 BOOK 3147 PAGE 191

MISSOULA COUNTY RECORDS
 BOOK 3147 PAGE 191

MISSOULA COUNTY RECORDS
 BOOK 3147 PAGE 191

T. 13N R. 19W 19

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 7 1958

WATER WELL LOG

STATE ENGINEER

Owner Bob Ward & Son Address Missoula, Mont.

Driller Bill Preston Address Lula, Mont.

Date Started May 10-58 Date Completed May 15-58

Location: Sec. _____ T. _____ R. _____ 1/4 sec. Lot 9 - Block 2 - Ward

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 0 ft. to 43 ft. Type 5 in. Standard pipe Size _____

Casing: _____ ft. to _____ 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: 10 feet.

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

Pumping water level 12 feet at no test gal. per min.

How tested: _____

Length of test: _____

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

(over)

File No. _____

T. 13th R. 19th W.

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

STATE ENGINEER

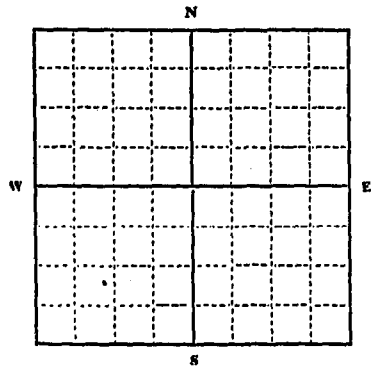
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Irvine C & Marian L. Ward 49 Marilyn Drive, Missoula, Montana

I, _____, of _____, (Name of Appropriator) _____, (Address) _____, (Town) _____
Missoula Montana

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



SW 1/4 SW 1/4 Sec. 19, T. 13N, R. 19W

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 _____ and irrigation. Household and irrigation.

3. Date or approximate date of ~~1955~~ ~~continuous use since~~ _____ continuous the use has been _____ continuous use since 1955.

4. The amount of groundwater claimed (in feet or inches or gallons per minute) _____ 100 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and ~~area~~ ~~of~~ ~~the~~ ~~acreage~~ thereof. Lot #7, Block 2, Ward Addition of .8 acres Irvine C. & Marian L. Ward Lot #7, Block 2, Ward Addition .8 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. _____ date unknown in year 1955.

8. The depth of water table. _____ About 14 feet.

9. So far as it may be available, the type, size and depth of each well or other works for the withdrawal of groundwater. _____ 5 inch I.D. Seamless steel casing drilled 14 feet deep.

10. The estimated amount of groundwater withdrawn each year. _____ 10,000 per year (gallons)

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

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. _____ Unknown

Signature of Owner: *Marian L. Ward*
Irvine C. Ward
Date: 31 December 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.

20204

84

215559

I received and filed this instrument for
record on the 1st day of Nov, 1963
at 2:40 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEAVER, County Recorder
By E. H. Lane Deputy
Fee \$ 2.00 Paid

File No. _____

T. 132 R. 192

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0 to 1' Top soil
1' to 6' Sandy clay
6' to 20' Clay & gravel
20' to 26' Clay
26' to 51'-7" Sand, gravel
and water

Owner: I. C. Ward Address: Orchard Home

Driller: Glenn Camp 705 Alder Address: Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

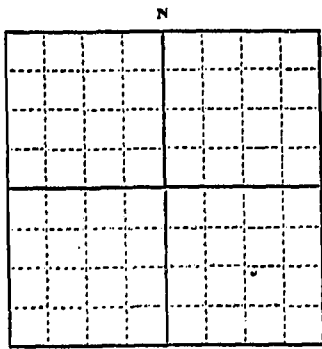
Date well started: 10/22/62 Date Completed: 11/2/62

Type of well: Drilled Equipment Used: Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 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)
5"	5" I.D. seamless 14 lbs to foot	1'-5" above G.L. to 55'		none		



NE 1/4 Sec. 15, T. 13N R. 19W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 171 from G.L. feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level: 199 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested: Air Compressor Length of Test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

License # _____
Driller's License Number

Glenn Camp
Driller's Signature

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.

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.

20202

STAGHOLE

1085 215557

I received and filed this instrument for record on the 31st day of Dec, 1931 at 4:37 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:
 MARTIN S. BEHNKE, County Recorder
 By E. C. Lane Deputy
 Fee \$ 2.00 Paid

RECORDED
 MISSOULA COUNTY, MONTANA
 DEPARTMENT OF RECORDS
 1931

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF RECORDS
 1931

219

File No. _____

T. 134 19 W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

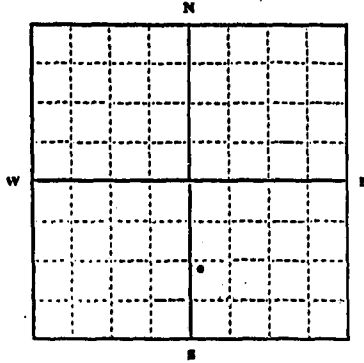
Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, RUSSELL M. WARD OR PHYLLIS WARD, of 705 GARY DR. MISSOULA
(Name of Appropriator) (Address) (Town)

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



N.W. 1/4 Sec. 19, T. 134, R. 19 W
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 drinking water, household use, irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been aug 1957
use, daily.

4. The amount of groundwater claimed (in miner's inches or 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
3/4 acre, garden, lawn trees

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957

8. The depth of water table 20'

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, 53' 4" driven pipe

10. The estimated amount of groundwater withdrawn each year 3,650 gal

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 references to book and page of any county record None

Signature of Owner Russell Ward
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.

20203

1083

215358

I received and filed this instrument for
record on the 31 day of Dec, 1963
at 4:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEASLER, County Recorder
By Earl Kam Deputy
For \$ 2.00 Paid

File No. _____

T. 13^N R. 19^W 19

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

RECEIVED
SEP 18 1964

Notice of Completion of Groundwater Appropriation by Means of WELLS ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Well on Lennox Drive

Owner Robert L. Warthen Address Rt 1, Orchard Homes

Driller Glen Camp 705 Alder Address Missoula, Mont

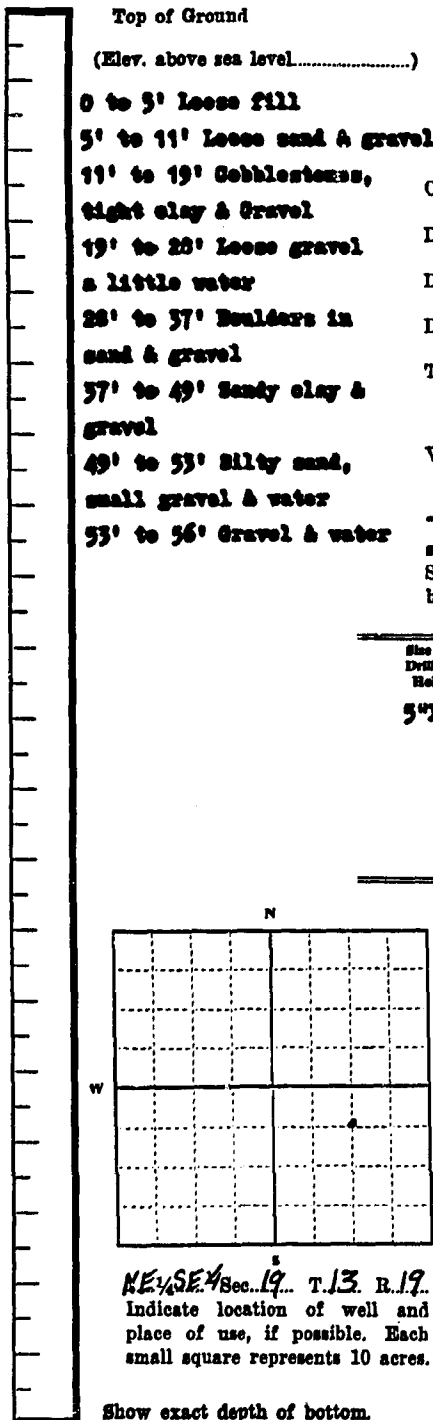
Date of Notice of Appropriation of Groundwater.....

Date well started 4/24/64 Date Completed 4/29/64

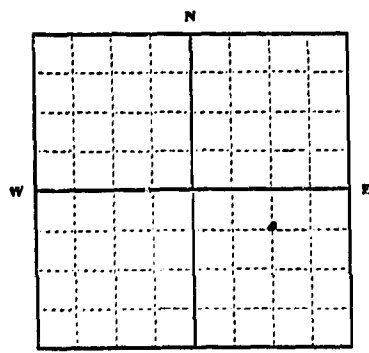
Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 water rises in the well.



Size of Driller's Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
5" I.D.	5" I.D. 14 lbs to foot Standard	1' above G.L. to 56'-6"		None		



NE 1/4 SE 4 Sec. 19 T. 13 R. 19
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 21' from G.L. feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 21 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Compressor Length of Test 45 min

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

License # 7
Driller's License Number

Glen Camp
Driller's Signature

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.

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.

38470

0441

226239

I received and filed this instrument for
 record on the 10 day of Sept 1964
 at 11:45 o'clock AM in the Court
 of Missouri at St. Louis in the
 presence of
 Veronice R. Cress, County Clerk
 By Charity A. Head, Deputy
 Fee \$ 3.00 Paid

CLERK

File No. _____

T. 13 N. R. 19 West

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0 to 6' Pit

6' to 23' Clay & gravel

23' to 48' Sand, gravel & water

48' to 50' Gravel & water

Owner P.F. MacFarber Address 2634 24th St.

Driller Glen Camp 705 Alder Address Missoula, Mont.

Date of Notice of Appropriation of Groundwater _____

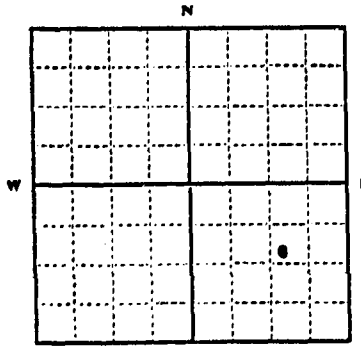
Date well started 4/29/63 Date Completed 5/1/63

Type of well Drilled Equipment Used Churn Drill
(aug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
5"	5" I.D. sea metal 14lbs to foot	6'	From G.L. to 44'			None



NE 1/4 Sec. 19 T. 13N R. 19 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 95'-6" from G.L. feet.
Shut-in Pressure for Flowing Well Don't Know
Pumping Water Level 95'-6" feet at 100 gal. per minute.
Discharge in gal. per min. of flowing well Don't Know
How Tested COMPRESSOR Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation):
None

License # 7
Driller's License Number
Glen Camp
Driller's Signature

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.

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.

#-191 copy 205842

I received and filed this instrument for record on the 5th day of May 1963 at 11:00 o'clock A.M., pursuant to the laws of Minnesota County, State of Montana. Witness my hand: MARTIN S. BEHNER, County Recorder By: *[Signature]* Deputy

Vertical text on the left side of the page, possibly a date or reference number.

Faint vertical text on the right side of the page, possibly a page number or document type.

File No. _____

T. 13N. R. 19W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

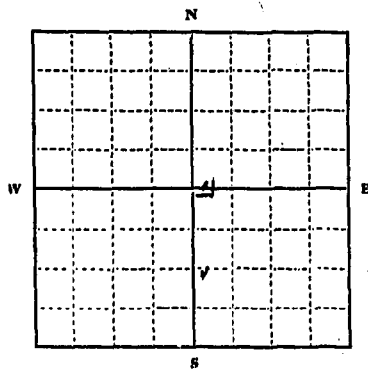
RECEIVED
JAN 31 1963

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Winston Warren Wetzel of 2823 - S. 3rd. West Missoula
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 19, T. 13N. R. 19W

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 & Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918 to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 92 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
Lot 4 Garden City Aerial
NW 1/4 SW 1/4 SE 1/4 Sec. 19 T. 13N.
1/2 acre R. 19 W.

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 1918 over 30 years

8. The depth of water table 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 30 ft. drilled

10. The estimated amount of groundwater withdrawn each year 350,000 gal.

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

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 unknown

Signature of Owner Winston W. Wetzel

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.

1032

21,5507

I received and filed this instrument for record on the 31st day of Dec 1963 at 7:40 o'clock P. M. permanent files of Missoula County, State of Montana Witness my hand: MARTIN S. BENNER, County Recorder By: M. R. T. N. S. Behner Deputy Fee \$ 3.00 Paid

one of the two parts of the original instrument is retained in the office of the County Recorder.

File No.....

T. 13 N. R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
APR 4 1962
**Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)

0 to 1' top soil
1' to 29' Clay & gravel
29' to 36' Gravel, sand
Water with some clay
36' to 37' Boulder
37' to 59' Sand, gravel with
some clay
59' to 74' Clay & gravel
74' to 86'-8" sand with
water.

Owner Will-O-Dell Sanitarium Address 121 S. Grove

Driller Glenn Camp 705 Alder Address Missoula

Date of Notice of Appropriation of Groundwater

Date well started Feb 14, 1962 Date Completed Feb 12, 1962

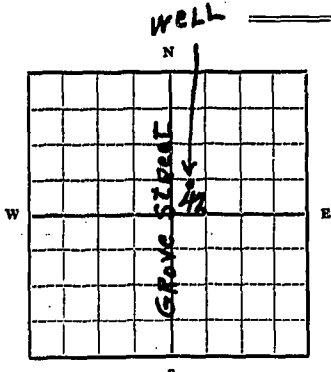
Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

Lot Forty-two (42) in Gobban & Dinsmore's #1 Orchard Homes according to the map or site plat thereof now on file and of record in the office of the County Clerk and Recorder of Missoula County, Montana.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	19 lbs to foot Seamless	14" above ground level to 86'-8"		none		



NE 1/4 S.E. Sec. 19, T. 13 N. R. 19 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 22 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 24 feet at 400 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer 1 hour Length of Test 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Drillers licence # 7

Driller's License Number

Driller's Signature

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.

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.

#114

MISSOULA

DEPARTMENT

191470

191470

I received and filed this instrument for record on the 10 day of March 1962 at 11:20 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Sarah J. Head Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY
 RECORDS DEPARTMENT
 MISSOULA, MONTANA

MISSOULA COUNTY RECORDS DEPARTMENT
 MISSOULA, MONTANA

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MISSOULA COUNTY RECORDS DEPARTMENT
 MISSOULA, MONTANA

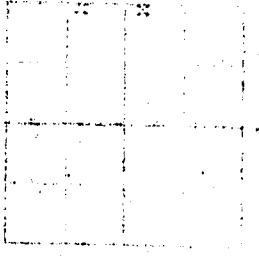
REPORT OF PROGRESS
3000 GALLONS PER HOUR

STATE OF MISSISSIPPI
DEPARTMENT OF AGRICULTURE
AND FORESTRY

#219

INDICATE LOCATION OF
EACH WELL ON THIS MAP

NO. 13
25



THESE WELLS ARE TO BE
OPERATED AT SUCH RATES AS TO
PRODUCE CLEAR SAND FREE WATER

I received and find the following
record on file...
of Mississippi County, State of Missouri
Witness my hand
at St. Louis, Mo.
this 1st day of May 1922
By: *W. H. ...*
Notary Public

310997

C. ...

upon to produce clear sand free water year after year as long as they
are not overpumped, i.e., they should be pumped at rates not in excess
of 50 to 60 percent of the tested capacity of the aquifer.

REPORT OF PROGRESS
FOR ...

...
...
...

File No. _____

T. 13 N. R. 19 W.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 3123)

Louise + Nello Ajala

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 231, Session Laws, 1961)

Owner: Louise + Nello Ajala Address: 1628.3rd Ave

Driller: Unknown Address: _____

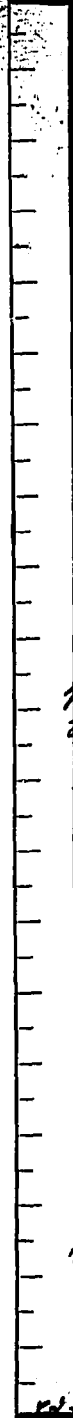
Date of Notice of Appropriation of Groundwater: Dec 31, 1963

Date well started: May 1949 Date Completed: May 1949

Type of well: _____ Equipment Used: _____
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

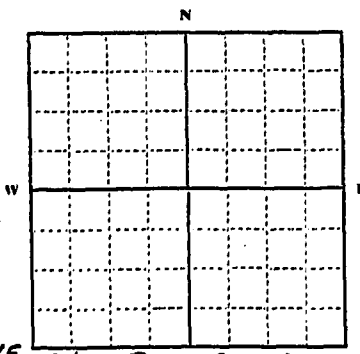
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 water rises in the well.



Note: rise 26' from top

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6"	52				



N.E. 20 13 19
Sec. T. R.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 3100 feet.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 3095 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well: _____

How Tested: _____ Length of Test: _____

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) Nil

Nello Ajala
Owner

Unknown
Driller's License Number

Unknown
Driller's Signature

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.

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.

20198

078

215553

I received and filed this instrument for
 record on the 31 day of Dec 1963
 at 9:31 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BERGER, County Recorder
 By [Signature] Deputy
 Fee \$ 2.00 Paid

61015

The Great Northern Railway Company
 is hereby notified that the
 following instrument has been
 recorded in the office of the
 County Recorder of Missoula
 County, Montana, to-wit:

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—41931

File No. _____

FEB 3 1965

T. 13 N R 19 W 20

DUPLICATE

Bill _____ McDermott _____
Butcher _____ McNulty _____
Coyle _____ Morton _____
Dartinton _____ Sullivan _____
Dickert _____

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____
(Elev. above sea level.....)

Notice of Completion of Groundwater
Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

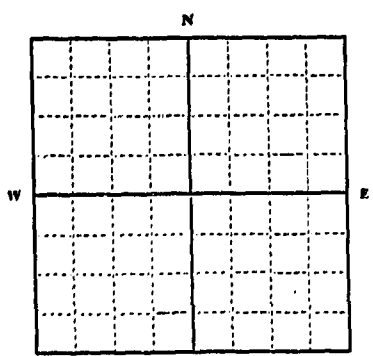
0 to 9' Filled pit
9' to 40' Sand, gravel
& boulders
40' to 48' Sand
48' to 61' Gravel &
water

Owner Chasley S. Angle Address 2111 Trail St
Driller Glenn Camp 705 Alder Address Missoula, Mont
Date of Notice of Appropriation of Groundwater.....
Date well started 7/30/65 Date Completed 7/31/65
Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6"	6" I.D.	2'-3" above pit floor to				
	19.62# to foot	53'-3"		None		

17' from G.L.



N.W. 1/4 Sec 20 T. 13. R. 19 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level.....feet at.....gal. per minute.
Discharge in gal. per min. of flowing well.....
How Tested Compressor Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

License # 7

Driller's License Number
Glenn Camp
Driller's Signature

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.

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.

40799

1573

INDEX

246 491

I received and filed this instrument for
 record on the... 1... day of Feb., 1966
 at... 3:40... o'clock... P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Veronique R. Crouse, County Recorder
 By... *Marathy L. Hand*... Deputy
 Fee \$ 2.00..... Paid

Q

MISSOULA COUNTY, MONTANA
 VERONIQUE R. CROUSE, COUNTY RECORDER
 MISSOULA, MONTANA

File No. _____

T. 13 R. 19

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

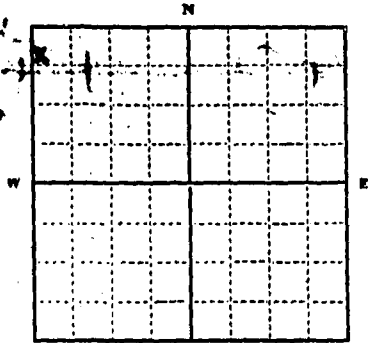
Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

MICHAEL K. & AGNES BAUER, of 2436 RIVER ROAD MISSOULA
(Name of Appropriator) (Address) (Town)

County of MISSOULA State of MONTANA

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



NW 1/4 NW Sec. 10 T. 13 R. 19

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. APRIL 12 1954 IN CONTINUOUS USE FOR HOME, AND ALL IRRIGATION - ON ONE ACRE

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

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 - AT 2436 RIVER ROAD MISSOULA, MONT. MICHAEL K BAUER

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. BY DEEP WELL WITH JET PUMP, WELL LOCATED IN HOME ON ABOVE ADDRESS

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. SAID WELL WAS DRILLED FROM MARCH 15 1954 TO APRIL 12 1954

8. The depth of water table. EIGHT FT. - TO EIGHTY FOUR 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. THIS WELL WAS DRILLED 84 FT DEEP. HAS 3" CASING - IS LOCATED IN CONNECTION WITH OUR HOUSE BASEMENT - HAS 3/4 H.P. JET PRESSURE PUMP - WAS DRILLED BY "LIBERTY WELL DRILLING CO"

10. The estimated amount of groundwater withdrawn each year. 350,000 GALLONS PER YEAR.

11. The log of formations encountered in the drilling of each well if available. NOT AVAILABLE. VERY LIKELY EARTH - ROCK - GRAVEL + 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. BOOK 179 PAGE 63

Signature of Owner Michael K. & Agnes Bauer

Date 12-31-1963

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.

ПРИКАЗ № 10
ОБЪЕДИНЕНИЕ РАБОТНИКОВ
МОСКОВСКОГО РАЙОНА
ОБЩИНЫ РАЙОНА
ОТ 1925 ГОДА

ИМЕНЕМ РАБОТНИКОВ
МОСКОВСКОГО РАЙОНА
ОБЩИНЫ РАЙОНА

ПРИКАЗ № 10
ОБЪЕДИНЕНИЕ РАБОТНИКОВ
МОСКОВСКОГО РАЙОНА
ОБЩИНЫ РАЙОНА

ИМЕНЕМ РАБОТНИКОВ
МОСКОВСКОГО РАЙОНА
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ОБЩИНЫ РАЙОНА

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ОБЩИНЫ РАЙОНА

МОСКОВСКИЙ РАЙОН
ОБЩИНЫ РАЙОНА

МОСКОВСКИЙ РАЙОН
ОБЩИНЫ РАЙОНА

Copy
State
Permanent files
Montana
County Recorder
Martin D. Baker Deputy
Paid

20

File No.

T. 13^N R. 19^W

DUPLICATE

County. Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

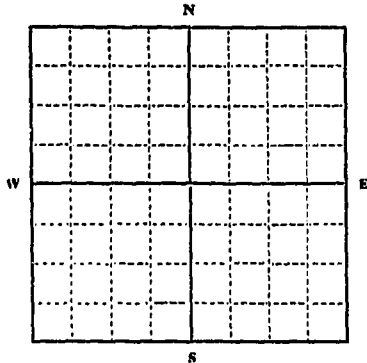
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Otto E. Benson, of 2424 South 7th West, Missoula
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 20, T. 13, R. 19

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, livestock, and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1946 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gallons a 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 2 acres of sandy loam Owner: Otto E. Benson

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 December 1945

8. The depth of water table 19 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 six inch casing drilled well 62 feet deep

10. The estimated amount of groundwater withdrawn each year 1,959,000 gallons

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 Book I Page 6 Freisheimer Addition Lots 5 and 6

Signature of Owner Otto E. Benson

Date 12-23-63

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.

12312

492

214739

I received and filed this instrument for
 record on the 23 day of Dec, 1923
 at 10.0 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER County Recorder
 By Martin S. Behner Deputy
 Fee \$ 2.00 Paid

RECORDED
 MISSOULA COUNTY, MONTANA
 DECEMBER 23 1923
 MISSOULA, MONTANA

File No.

T. 13N R. 19W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

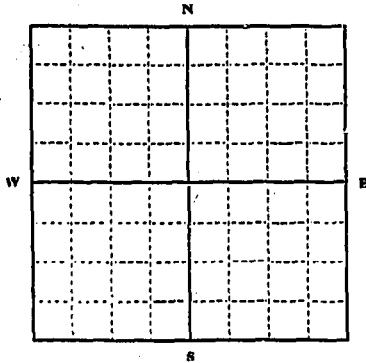
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Olivia I. Benson of 2445 South 3rd West Missoula
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 20, T. 13, R. 19.

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... April 1948... continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 20 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 one-half acre of sandy loam... Owner—Olivia I. Benson

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... April 1948

8. The depth of water table... 15 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... four inch casing... Drilled well... 50 feet deep

10. The estimated amount of groundwater withdrawn each year... 578,000

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... Book I Page 6 Preishemers Addition... Lot No. 4

Signature of Owner Olivia Ingeborg Benson

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

493

214740

I received and filed this instrument for
 record on the 23 day of Dec 1923
 at 2:42 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By *M. S. Behner* Deputy
 Fee \$ 1.00 Paid

This document is a true and correct copy of the original as filed in the office of the County Recorder of Missoula County, Montana, on the 23rd day of December, 1923.

GV

File No.

DUPLICATE

①

T 13 R 19
County Missoula

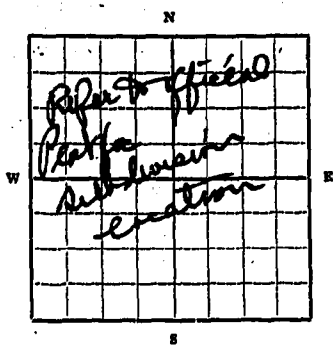
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1962

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

STATE ENGINEER

1. Ruth Bulen Benson of Missoula, Montana
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 20 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 household garden and shrubbery and lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938, constantly since.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 22 1/2 G.P.M., (2 in.)
- 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 water, and for lawn and trees and garden on lots 3 and 4 of the supplemental plat of Lot 8 of Curtis & Major's addition, in Missoula County.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Fairbank-Morse Jet- deep-well electric pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Begun 1936, finished 1936, Drilled by Mowbray of Missoula.
- 8. The depth of water table Drilling stopped at 59 feet from surface. Casing cut off to basement level, so set pump conveniently.
- 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 has 6" casing; depth 59 ft. water is drawn by jet pump, deep-well type,
- 10. The estimated amount of groundwater withdrawn each year sufficient for small family, garden, flowers, lawn and trees.
- 11. The log of formations encountered in the drilling of each well if available Gravel, sand, gravel, hardpan, sand, gravel, hardpan, gravel, water is supposed to be drawn from second strata and rises about 25 feet from bottom of well. This would really be the third layer of water, as the surface water at about 30-32 feet is disregarded in this appropriation.
- 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 Water is clear, palatable, and does not cause stomach disorders as does the heavily chlorinated water furnished by Montana Power Company, in the city. Water carries slight lime content. The right to the use and enjoyment of the above quantity of water from the source described is claimed by the undersigned.

Signature of Owner Ruth Bulen Benson
Ruth B. Bulen
Date Jan 2, 1962.

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.

1128

103

188714

I received and filed this instrument for
 record on the 9th day of Jan., 1960
 at 8:00 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARVIN S. BEHNER, County Recorder
 By (C. Smith) Deputy
 Fee \$ 2.00 Paid

I received and filed this instrument for record on the 9th day of Jan., 1960 at 8:00 o'clock P.M., permanent files of Missoula County, State of Montana. Witness my hand: MARVIN S. BEHNER, County Recorder. By (C. Smith) Deputy. Fee \$ 2.00 Paid.

2

RECEIVED

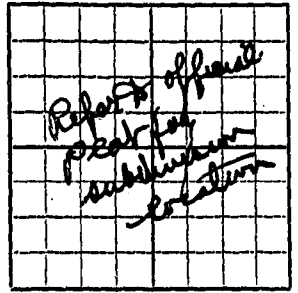
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

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

1. Ruth Bulen Benson and Leon J. Bulen, of Missoula, Montana, (Name of Appropriator) (Address) (Town)

County of Missoula State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: This well was drilled for the parents of these filing individuals by Elmer R. Bulen and Harriet L. Bulen, then the owners and occupants of the property, both are now deceased.



1/4 Sec 20 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 and for garden and agricultural, and for four cows, chickens and an occasional pig.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since 1924, annually ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 1/2 miner's inches - 20 gals 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 on 1/4 Lot 9 Curtis & Major's Addition in Missoula Co., Mont., and for domestic and other beneficial uses

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Myers electric pump, well is located at north side of dwelling house, now enclosed. Dia well casing is 6"

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Work was begun and completed in summer 1924, by Matt Ulrich, well driller.

8. The depth of water table Well is 60 ft deep; water rose to within 17 feet of level of basement floor, so that a shallow well pump was able to draw water.

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 6" dia; first 16 ft depth of ground was gravelly and sandy. Well is stated (by the driller) to be thru a second strata of hardpan, and water is said to originate from the Fattee Canyon artesian supply. Surface water at about 30 ft depth is disregarded for this well.

10. The estimated amount of groundwater withdrawn each year Adequate for small family, and for irrigating flowers and shrubbery. General irrigation by irrigation ditch from Orchard Home Ditch Co.

11. The log of formations encountered in the drilling of each well if available Gravel, hard-pan, gravel, Hardpan, to depth of approx 60 feet. No log furnished by driller.

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. This water is clear and palatable, and uncontaminated by the excessive chlorine of the Montana Power Co. It carries a small quantity of lime, which appears in the teakettle, and is found as clear crystal on the foot-valve of the pump at a depth of about 36 feet to which the suction pipe extends.

Signature of Owner: Ruth Bulen Benson, Leon J. Bulen
Date: Jan 2, 1962

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.

105

188716

I received and filed this instrument for
 record on the 9th day of Jan. 1962
 at 2:45 o'clock P. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Carroll H. Hall, Deputy
 Fee \$ 2.00 Paid

RECORDED
 JAN 10 1962
 MISSOULA COUNTY, MONTANA

File No. _____

T. 13 N. R. 19 W. - 20

DUPLICATE

County Missoula
DECEIVED
STATE ENGINEER
SEP 9 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0 to 6' Pit

6' to 17' Clay, gravel
& boulders

17' to 35' Sand, gravel
and water

35' to 37' Clay & gravel

37' to 61' Gravel, sand
& water

Owner Matt. Blaserich Address 845 N. Davis

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

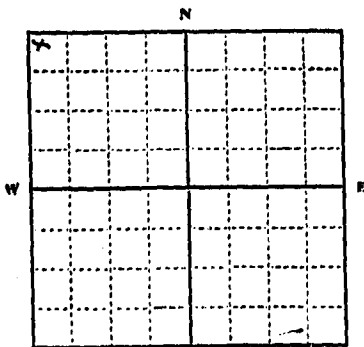
Date well started 10/3/62 Date Completed 10/8/62

Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 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)
5"	5" I.D. 14 lbs to foot Seamless	5' from G.L. to 56'-5"		None		



1/4 Sec. 22, T. 13, R. 19.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 16' from G.L. feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 16 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Air Comp Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____
None

Glenn Logan

NOTARY PUBLIC for The State of Montana
Residing at Missoula, Montana
My Commission Expires Sept. 28, 1965

License # 7
Driller's License Number
Glenn Camp
Driller's Signature

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.

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.

38449

14/29

226000

I received and filed this instrument for
 record on the 19th day of Sept 1964
 at 1:15 o'clock P.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Verance R. Crouse, County Recorder
 By Maithy T. Head, Deputy
 Fee \$ 3.00 Paid

RECORDED
 215
 1964

Q

Not a valid instrument for recording
 unless the instrument is a conveyance of
 real property in fee simple or a
 mortgage of real property.

#2203

309846

I received and filed this instrument by
 record on 9.22.21 day of July 1921
 at 9:02 o'clock A.M. permanent files
 of Missouri County State of Missouri
 Witness my hand
Jerome S. Cirasa County Recorder
 By Marie Kullback Deputy
 Fee \$10.00 Paid

instrument from filed previously