

17906

COPY

State of Missouri
County of Morgan
Filed JAN 3 1934
at 4:15 P. M.
Wm. R. Rottler
County Clerk and Recorder
\$2.00 pd.

File No. 17353T. 15 R. 19

DUPLICATE

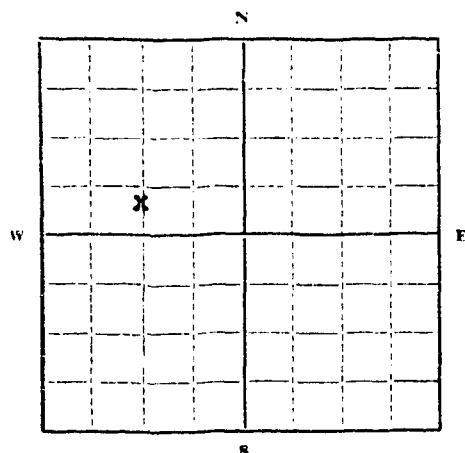
County ergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James M. Jackson, of Lewistown,
(Name of Appropriator) (Address) (Town)
County of ergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

No. 14 of Sec 14 T 15 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 for watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since the late 1800's
and used continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) about two 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
Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A spring located in the SE of the NW of Sec. 14 T 15 R 19

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater the last time the spring was worked on was in 1963

8. The depth of water table Not known

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 A dam built below the spring to retain the water for livestock use

10. The estimated amount of groundwater withdrawn each year 408,000 gallons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

Signature of Owner

Date 12/20/63

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.

17280

17353

State of Montana }
County of Park } ss. COPY
Filed DEC 30 1963
at 9:40 o'clock P.M.
\$3.00
Pd May Rathun
County Clerk and Recorder

File No. 17907

DUPLICATE

Approved Stock Form State Publishing Co., Helena, Montana—1961

T. 15 R. 19

Fergus

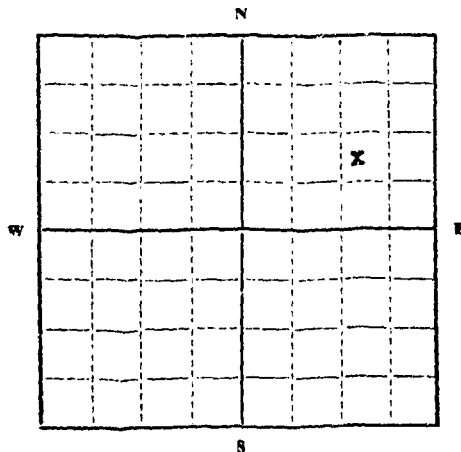
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Zellick of 614 Pine St. Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 14 T 15 R 19

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

NE 1/4 of NE 1/4 of SW 1/4

2. The beneficial use on which the claim is based.
Cattle Watering

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

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.
NO

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
This is a spring - gravity flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
project has been completed

8. The depth of water table.
Unknown

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.

10. The estimated amount of groundwater withdrawn each year.

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 Mary Zellick

Date Jan 8, 1961

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.

28879

17507

COPY

State of Montana, } ss.
County of Fergus, }

Filed JAN 6 1964
at 4:15 o'clock P.M.

Wm. Nathan
County Clerk and Recorder

*200 ft.

File No.

T. R.

DUPLICATE

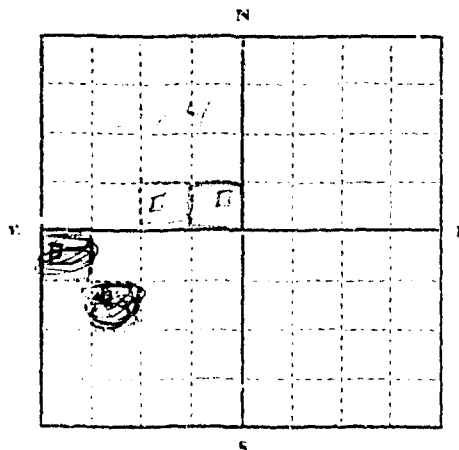
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ALICE CARRIGAN of GILT EDGE, RTE., LEWISTOWN, MONTANA
(Name of Appropriator) (Address) (Town)
County of FERGUS State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 24 T. 15 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 for cattle, household and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Present owners since 1937. Continuous since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300
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 acre for garden, and stock.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal One by pump and others, natural springs.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Pump, 1953
8. The depth of water table Not known
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 feet.
10. The estimated amount of groundwater withdrawn each year Not known
11. The log of formations encountered in the drilling of each well if available. None drilled
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 Alice Carrigan

Date December 19, 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.

17278

17351

COPY

State of Montana,
County of *Flame* ss.

DEC 30 1933

Filed _____ 19____

at 2:40 o'clock *P.*M.

\$0.00
pd

May Rathen
Clerk and Recorder

File No. **9774**

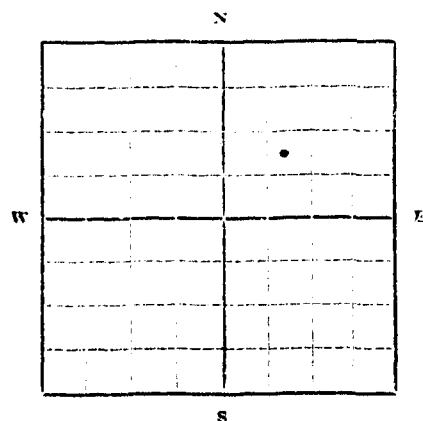
DUPLICATE

T. R. County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **FRANK KOTTAS** of **LEWISTOWN**
(Name of Appropriator) (Address) (Town)
County of **FERGUS** State of **MONTANA**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SWNE 14 Sec. **24** T. **15** 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 **Livestock & irrigation purposes**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **June 1, 1957 - continuous use ever since said date**
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 the name of the owner thereof **one acre of land in NE 1/4 of Section 24, Township 15, Range 19**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **An 80' jet pump with half horse motor**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **May 15, 1957 date of commencement; June 1, 1957 completion date;**
8. The depth of water table **158'**
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 is a 158' deep well, with 8" casing and has an 80' jet pump with half horse motor for withdrawing water.**
10. The estimated amount of groundwater withdrawn each year **2,628,000 gallons**
11. The log of formations encountered in the drilling of each well if available **none 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 **none available**

Signature of Owner

Date **MAY 16, 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

9774

COR

State of Missouri,) ss.
County of Fergus.)

MAY 16 1962

Filed

at 4:00

o'clock P. M.

May Kathleen
County Clerk and Recorder

32nd

File No. _____

RECEIVED

T. 14 N. R. 17 E. S. 24

DUPLICATE

AUG 10 1967

County Terrebonne

LOG

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**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

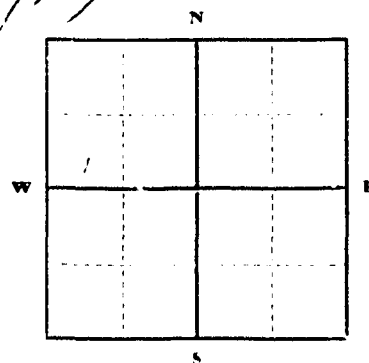
Owner Frank Natas Address LevitownDriller Wm. J. Milling Address Heathmont

Date of Notice of appropriation of groundwater _____

Date well started Aug 7 Date completed Aug 20Type of well Drilled Equipment used Cable
(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 | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kh. Str. | From (Feet) | To (Feet) |
| 6" | 4-7/8 gal | 0 | 221 | gas | 13 | 221 |

275 to 290 Red clay
~~shale~~
shale & gyps
seamsS. 1/4 NW Sec. 24, T. 15, R. 9.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 3' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 115' feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BailedLength of Test 6 hrs

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.

144
Driller's License NumberW. J. Milling
Driller's Signature

42,344

1126

COPY

State of Missouri
County of [unclear]

Filed 138 10 1957 19
at 2:45 o'clock P.M.

May Catherine
County Clerk and Recorder

7-2-57

File No. **9775**

DUPLICATE

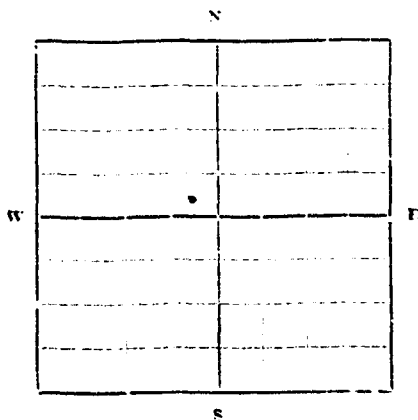
T. R.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **FRANK KOTTAS** of **LEWISTOWN**
(Name of Appropriator) (Address) (Town)
County of **FERGUS** State of **MONTANA**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 24 T.15. 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 **Livestock & domestic purposes**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **improved the Spring Sept. 1, 1961 - continuous use ever since said date;**
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **water flows from the developed Spring**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Work commenced about August 15, 1961 - completed Sept. 1, 1961**
8. The depth of water table **Water comes to the surface - depth of water table unknown**
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 Spring was dug out and improved on the aforesaid date; it was improved by installing therein 18' of 36" culvert. This improvement caused the water to flow from the Spring continuously;**
10. The estimated amount of groundwater withdrawn each year **2,628,000 gallons**
11. The log of formations encountered in the drilling of each well if available **none 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 **none used**

Signature of Owner

Date **MAY 16, 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

9775

COPY

State of Minnesota, }
County of Fergus } ss.

Filed MAY 16 1962 19
at 4:00 o'clock P.M.

May Rathbun
County Clerk and Recorder

\$2⁰⁰-*pr*

File No. 17350T. 15 R. 19

DUPLICATE

County FERGUS

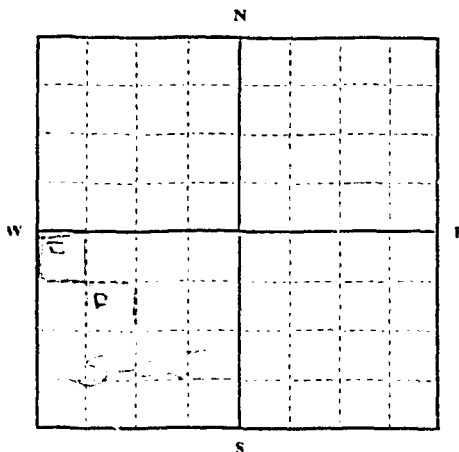
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ALICE CARRIGAN, of GILT EDGE RTE., LEWISTOWN
(Name of Appropriator) (Address) (Town)
County of FERGUS State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 25 T. 15 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 for cattle, household and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Present owners since 1937.
Continuous since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300
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 acre for garden, and stock.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal One by pump and others, natural springs.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Pump 1953
8. The depth of water table Not known
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 feet
10. The estimated amount of groundwater withdrawn each year Not known.
11. The log of formations encountered in the drilling of each well if available None drilled
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 Alice CarriganDate December 19, 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.

17277

17350

COPY

Supreme Court of the State of New York
County of New York

Filed DEC 30 1968

at 2:40 o'clock P.M.

\$0000

May Rothman
County Clerk and Recorder

File No. **17653**

DUPLICATE

T. 15 N. R. 17 E.

County Lincoln

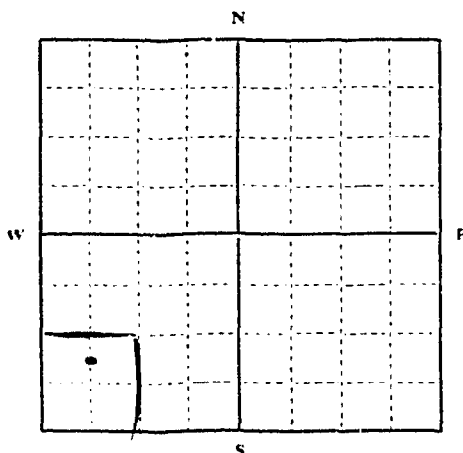
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. T. 15 N. R. 17 E. Sec. 2 of Lincoln County, Montana
(Name of Appropriator) (Address) (Town)

County of Lincoln 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. 2 T. 15 N. R. 17 E.

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since 1961 continuous use
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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand-dug well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Since 1961 commencement
Since 1961 completion
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 Type: Dug
Depth: 60 feet
Size: 6 inch diameter
10. The estimated amount of groundwater withdrawn each year 500,000 gallons per 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 None

Signature of Owner

Date Dec 10 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

1912

17653

State of Montana, }
County of Fergus. } ss.

COPY

Filed _____ 19____
at _____ o'clock P. M.
500 Ed. MAY BATHBUN
County Clerk and Recorder

File No.

T. 15 N. R. 19 E. 30

DUPLICATE

County Fergus

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)

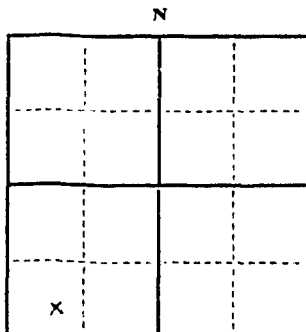
| Top of Ground | |
|------------------------------|-----------------------------------|
| (Elev. above sea level.....) | |
| 0 15 | Gravel, Clay Boulders |
| 15 30 | Grey rocky shale with coal seams |
| 30 75 | Hard grey limestone streaks shale |
| 75 85 | Grey sandy limestone |
| 85 105 | Extremely hard limestone |
| 105 110 | Water |
| | White clay |

Owner Gail Burleigh Address Lewistown, Mont.Driller George O. Singley Address Lewistown, Mont.Date of Notice of appropriation of groundwater NoneDate well started March 13, 1972 Date completed March 15, 1972Type of well Drilled Equipment used Cable Tool
(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) |
| 8" | 8" ID steel casing | 0 | 110 | | | |
| | | Above gr. 1' | 20 | | | |
| | 6" ID black casing | 10 | 110 | 5/16" hole | 75 | 110 |

Doc. No. 46532
Filed for record
this 10th day of May
A. D. 19 72, at 4:30
o'clock P. M.



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

Static Water Level for non-flowing well

..... 75 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 90 feetat 30 gal. per minute.

Discharge in gal. per min. of flowing well

NoneHow Tested BailingLength of Test 3 hrs.

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

8" Steel casing cemented in.

(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.

Driller's License Number 19Driller's Signature George O. Singley59,359

46532

State of Montana,]
County of Fergus,] ss.
Filed MAY 10 1972
at 4:30 o'clock P.M.
Wray Rothman
County Clerk and Ex. Sec.

File No. **17493**T. **15N** R. **19E**

DUPLICATE

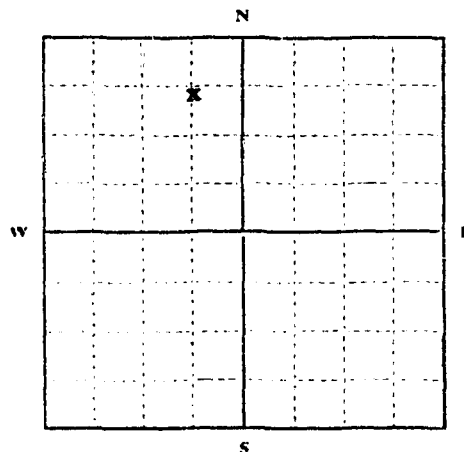
County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Martna Matejeek**, of **Lewistown**
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. **34** T15N R.19E

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 and stockwater**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1924. Used continuously since that time.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimate 4 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 **NE 1/4 of Section 34 in Township 15 North of Range 19 East. Martha Matejeek is the owner.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **dug well about estimated 14 feet deep. Pumped from well by means of mechanical pump.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1924.**
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 the general specifications of any other works for the withdrawal of groundwater **not applicable**
10. The estimated amount of groundwater withdrawn each year **estimated 75,000 gallons**
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 **none**

Signature of Owner *Martha Matejeek*Date **December 27, 1965**

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.

18965

17493

State of Montana,
County of Fergus, ss.

COPY

Filed DEC 31 1953
at 8:30 o'clock A.M.
#20 PL MAY RATHBUN
County Clerk and Recorder

File No. **17494**

DUPLICATE

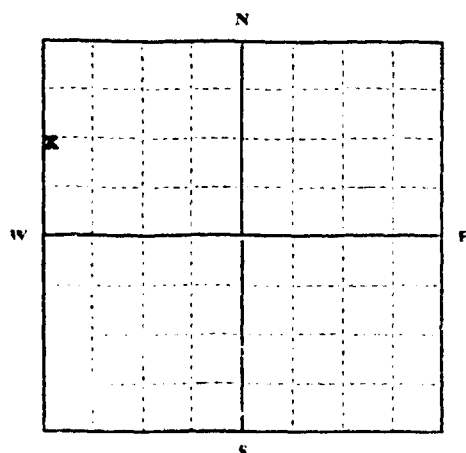
T. **15N** R. **19E**County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Martha Matejcek**, of **Lewistown**,
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec **34** T. **15N** R. **19E**

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 **stockwater**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1900. Used continuously since that time.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimate 3 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 **not applicable**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **natural spring**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1900**
8. The depth of water table **Ground level (flowing spring)**
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 **not applicable**
10. The estimated amount of groundwater withdrawn each year **estimated 50,000 gallons**
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 **none**

Signature of Owner *Martha M. Matejcek*Date **December 27, 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.

18766

17494

COPY

State of Wisconsin }
County of Monroe }

FILED 10th 19
8:30 A.M.
#20012 MAY RATHBUN
County Clerk and Recorder

File No. 17495

File No.

T 15E R 19E

DUPLICATE

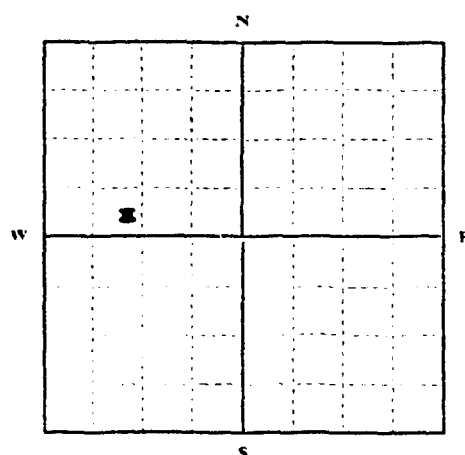
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Martha Matejcek, of Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 16N R. 19E

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 and stockwater
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1900. Used continuously since that time**
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimated 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
Various fields NW 1/4 of Section 34. Martha Matejcek is the owner.
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Natural spring.**
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1900**
 8. The depth of water table **Ground level (flowing spring)**
 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 **not applicable**
 10. The estimated amount of groundwater withdrawn each year **estimated 75,000 gallons**
 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 **none**

1/4 Sec. 34 T. 15N R. 19E

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

Signature of Owner *Wm. H. Matthews*

Date **December 27, 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.

18967

17495

COPY

State of Montana, } ss.
County of Fergus.

Filed _____ 19____
at 8:30 o'clock A. M.

#2012 MAY RATHBUN
County Clerk and Recorder

File No. **17496**T. **15N** R. **19E**

DUPLICATE

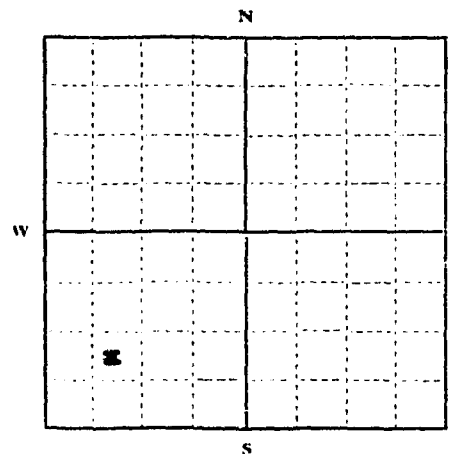
County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Martha Matejcek**, of **Lewistown**
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. **34** T. **15N** R. **19E**

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 **stockwater**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1900. Used continuously since that time when spring flows (generally in the spring and summer)**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimated 15 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 **not applicable**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **natural spring**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1900.**
8. The depth of water table **Ground level (flowing spring)**
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 **not applicable**
10. The estimated amount of groundwater withdrawn each year **estimated 40,000 gallons**
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 **none**

Signature of Owner *Martha Matejcek*Date **December 27, 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.

18963

17496

COPY

State of Montana, }
County of Fergus, } ss.

Filed _____ 19____
at 8:30 o'clock A. M.
\$2.00 PA
MAT WATHRUM
County Clerk and Recorder

17498

File No.

T 15N R 19E

DUPLICATE

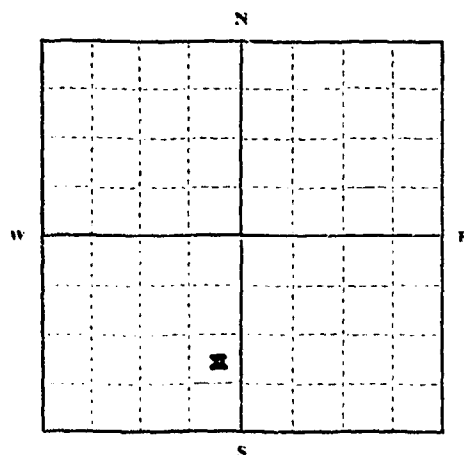
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Martha Matejcek, of Lowistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 34 T. 15N R. 19E

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 stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1900. Used continuously since that time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) estimated 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1900
8. The depth of water table Ground level (flowing spring)
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 not applicable
10. The estimated amount of groundwater withdrawn each year estimated 100,000 gallons
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 none

Signature of Owner Martha L. MatejcekDate December 27, 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.

15970

17498

COPY

State of Montana, }
County of Fergus. } ss.

Filed DEC 3 1 1963 19
at 8:30 o'clock 1 M.
1200 MAY RATHEUN
County Clerk and Recorder

GROUNDWATER INDEX

Page 1 of 1

County Franklin

Twp.

Rge .

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
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| 1 | Abbott, Yvonne L. | GW4 | 17363 | |
| 2 | Abbott, Yvonne L. | GW4 | 17363 | |
| 3 | Abbott, Yvonne L. | GW4 | 17363 | |
| 4 | Abbott, Yvonne L. | GW4 | 17363 | |
| 5 | Abbott, Yvonne L. | GW4 | 17363 | |
| 6 | Abbott, Yvonne L. | GW4 | 17363 | |
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| 88 | Abbott, Yvonne L. | GW4 | 17363 | |
| 89 | Abbott, Yvonne L. | GW4 | 17363 | |
| 90 | Abbott, Yvonne L. | GW4 | 17363 | |

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws 1961)

1. Lawrence J. Abbott (Name of Appropriator) Lawrence J. Abbott (Address) Mont (Town)
County of Gallatin State of Montana January 1, 1962

| | |
|----------------------------|----------------------------|
| Sec. 16-76-20 ⁴ | Sec. 17-76-20 ⁴ |
| Sec. 34-76-20 ⁴ | Sec. 35-76-20 ⁴ |

1/4 Sec. 34 T. 17 S. R. 1 E.
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 stock water
irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since the well was
drilled
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 120 gpm. or less
is being
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
at present
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 well was drilled in 1962
and completed in 1962
8. The depth of water table 100 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 1/2 inch
10. The estimated amount of groundwater withdrawn each year none with draw all free flowing
11. The log of formations encountered in the drilling of each well if available
see well log
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
see well log

Signature of Owner Lawrence J. Abbott
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.

17290

17128

File No.

DUPLICATE

Approved Stock Form State Publishing Co., Helena, Montana 59607

T. R.

County *Lehigh*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

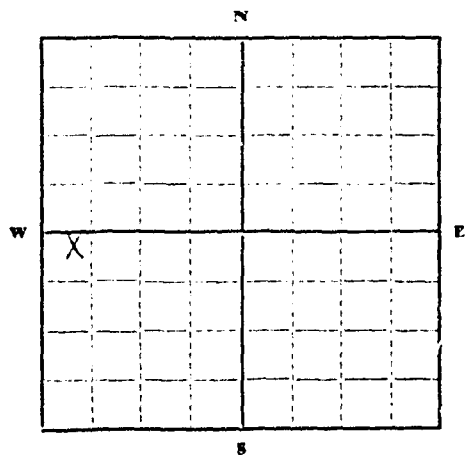
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUN 10 1962

STATE ENGINEER

1. *Margaret H. Heltt* of *Gold Edge Mt. Forest*
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 5, T. 15, R. 20

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 *to water stock*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *the small springs has been used approx. 46 or 50 years ago for pasture use*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *possibly 1 gal. per min. or 300 gal. tank approx. 12 hours*
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 *no irrigation*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *gravity pipeline*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *used for about probably 46 to 60 years*
8. The depth of water table *surface water (seepage)*
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 *a ditch has been dug into the ground up to the seepage and a rock there was suspended with chains with the seepage a trap hole and a pipe was laid down to the tank*
10. The estimated amount of groundwater withdrawn each year *Probably 14 or 15 gallons per day*
11. The log of formations encountered in the drilling of each well if available *not a well*
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 known*

Margaret H. Heltt
Signature of Owner *Leah Heltt*

Date *June 10 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17128

17128

COPY

State of Maryland
County of Prince George's
Filed DEC 27 1963 1963
at 1:40 o'clock P.M.
Way Rother
County Clerk and Recorder
\$2.00 per

File No. 17611

T 15 R 20

DUPLICATE

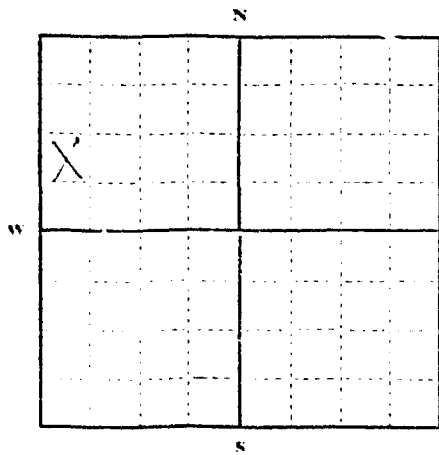
County *Yellowstone*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Robert & Patricia Suracek of *Heath Star Rt. Lemmon*
(Name of Appropriator) (Address) (Town)
County of *Yellowstone* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 7 T. 15 R. 20

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 *Stock Water*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Sept. 15 1963*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *2 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

Not Used

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

Impruned Springs

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

Impruned Sept 1963

8. The depth of water table

Six 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

Springs

10. The estimated amount of groundwater withdrawn each year

Steady flow

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

no well drilled

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

A. S. C. Suracek developed through

Signature of Owner

Robert Suracek

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 Quaduplicate for the Appropriator

19072

17611
State of Montana, } ss. COPY
County of Lewis & Clark }
1963
12:15 o'clock P.M.
\$3.00 MAY RATHBON
County Clerk and Recorder

File No. 17130

DUPLICATE

Township 15 N.

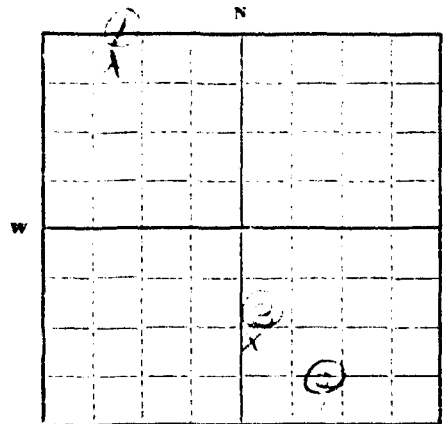
County Beaverhead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Marion Abbott, of East Edge Pt. Beaverhead County of Beaverhead State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1 NW 1/4 Sec 8 - 15 - 22
2 SW 1/4 SE Sec 8 - 15 - 22
3 SW 1/4 SE Sec 8 - 15 - 22

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. 1 - Spring water
2 - Well at barn for stock water
3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Spring as described but with pump 1930
2 Well dug approx. 60 yrs. ago but cleaned out 30 yrs. ago
3 Spring used for stock water (about 60 yrs.)
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1 - Approx. 200 gpm. (large storage)
2 - 1 gpm. (large storage)
3 - Approx. 100 gpm. (large storage)
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 - Used on field only when cleaning well
2 - May be used in yard if piped down
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1 - Piped out at bottom of well to tank
2 - Pump (electric)
3 - Runes out into ditch and used
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1 - Well at barn was hand dug 60 yrs. ago
8. The depth of water table. 1 - Surface water
2 - 3' x 42' - water stands 15' or so
3 - Day Spring about 2' above 7' top of 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. 1 - Well 3 1/2 feet in diameter x 42 feet deep with storage water 15' to 18' deep
2 - Day Spring 2' above 7' top of water
3 - Runes out into ditch
10. The estimated amount of groundwater withdrawn each year. 1 - Approx. 70,000 gallons per year
2 - 100,000 - 200,000
11. The log of formations encountered in the drilling of each well if available.
1 - Sandstone (from about 15 or 20' down from surface) to the bottom
2 - 100'
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. 1 - 100'
2 - 100'
3 - 100'

Signature of Owner Marion Abbott

Date Dec 22 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 Quaduplicate for the Appropriator.

17130

COPY

State of New York
County of Westchester
Filed DEC 27 1953
at 1:40 o'clock P. M.
Mary Radtke
County Clerk and Recorder

*200 ft.

File No. 17126

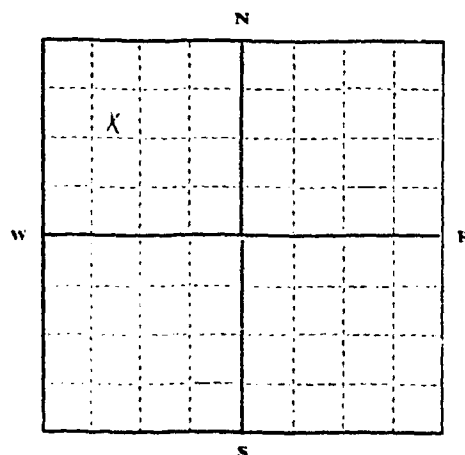
DUPLICATE

T. 15 R. 20
County FergusSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Marguerite Cowan Abbott, of Cult Edge RT Leavestown
(Name of Appropriator) (Address) (Town)County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N.W. 1/4 NW Sec. 9 T. 15 R. 20

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 stockwater3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Developed approximately
19384. The amount of groundwater claimed (in miner's inches or gallons
per minute) 2 gallon trench perhaps5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
not used for irrigation6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal Runs from
reservoir in ditch7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 19388. The depth of water table Approximately 5 feet9. 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 Reservoir logged up about 5 ft across
X 5 feet deep10. The estimated amount of groundwater withdrawn each year Runs out at top about as
fast as it runs in. (small stream)11. The log of formations encountered in the drilling of each well if available none12. 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 that is known

Signature of Owner

Marguerite Cowan Abbott
Vincent AbbottDate Dec 25 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.

14357

17126

COPY

State of Montana } ss.
(County of ...)

Filed DEC 27 1953

at 1:40 o'clock P.M.
Mary Phillips
County Clerk and Recorder

* 200 pt

Form No. 18
8-60

I. 15 R. 2

County DEKALB

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Owner KATE SIMPSON Address 1111 1st St. Butte

Driller K. MISAMORE Address Butte Montana

Date Started APRIL 17-1947 Date Completed MAY 1-1947

Location: Sec. 10 T. 18 R. 2 sec. SE 1/4

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

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

Casing: 1 ft. to 154 ft. Type 15.75 in. Size 4 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 137 to ft. 154. Ft. to ft.

Type of screen or perforations drilled perforation

Static Water level, for non-flowing well: 45 feet.

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

Pumping water level 142 feet at gal. per min.

How tested: tested with tube could not fail below 110 ft

Length of test continuous

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

(over)

Log of Well

| Depth, feet | | Description of Material Drilled |
|-------------|-----|---------------------------------|
| From | To | |
| 0 | 10 | ... |
| 10 | 20 | ... |
| 20 | 30 | ... |
| 30 | 40 | ... |
| 40 | 50 | ... |
| 50 | 60 | ... |
| 60 | 70 | ... |
| 70 | 80 | ... |
| 80 | 90 | ... |
| 90 | 100 | ... |
| 100 | 110 | ... |
| 110 | 120 | ... |
| 120 | 130 | ... |
| 130 | 140 | ... |
| 140 | 150 | ... |

500 ft

File 4:00

210 2.6 1961

W. J. O'Connell

Geological Engineer

27048

CO

T. 15 R. 20
County Fergus

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

| | | | |
|--|--|---|--|
| | | | |
| | | | |
| | | | |
| | | X | |

Owner George L. Smith Address Stanford, Mon
Driller C. Thatcher Address Stanford
Date Started Dec. 23, 1957 Date Completed Dec. 23, 1957
Location: Sec. 12 T. 15 R. 20 1/4 sec. SW 1/4 of SE 1/4

Type of well Rotary Drilled Equipment used Rotary
(Pne. driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: 2 inch ft. to 295 ft. Type galvanized Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 295 to ft. 295 Ft. to ft.

Type of screen or perforations holes cut in pipe

Static Water level, for non-flowing well: feet

Shut-in pressure, for flowing well: 5 to 10 lb. sq. in. on: Dec. 30 1957
(date)

Pumping water level: feet at gal. per min.

How tested:

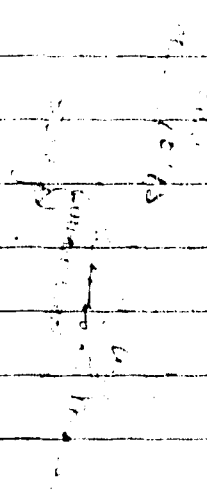
Length of test:

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

Cement was pumped down to rocks
7 sacks of cement were used.

(over)

Log of Well

| Depth, feet | | Description of Material Drilled |
|---|-----|---------------------------------|
| From | To | |
| 0 | 2 | Red shale |
| 2 | 20 | Bentonite |
| 20 | 22 | Red shale |
| 22 | 70 | Sandy shale |
| 70 | 55 | Medium hard sandstone |
| 55 | 65 | Hard sandstone |
| 65 | 75 | Sandy shale |
| 75 | 225 | Soft sandstone |
| 225 | 255 | Sandy shale |
| 255 | 257 | Hard sandstone |
| 257 | 262 | Hard sandstone |
| 262 | 275 | Hard sandstone |
| 275 | 295 | Soft sandstone |
| Well struck 2 gallons | | |
| Water 29 minutes from 225 to 275 | | |
|  | | |

File No. **17400**T **15** R **20E**

DUPLICATE

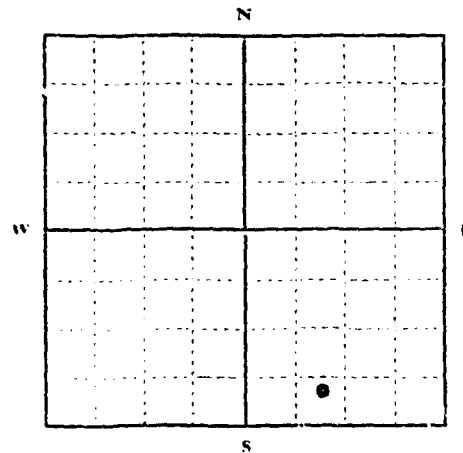
County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Clarence R. Smith** (Name of Appropriator) of **Libt. Edg. Rd. Lewistown** (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SW $\frac{1}{4}$ SE Sec. 15 T. 15 R. 20E

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 **stock water domestic garden, trees, fish pond & irrigation**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1880 & 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
**4 acres NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 22, T. 15, R. 20E
Clarence R. Smith**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **none**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **about 1880 no well - a spring**
8. The depth of water table **surface**
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
none spring
10. The estimated amount of groundwater withdrawn each year **3,600,000**
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 **none**

Signature of Owner **Clarence R. Smith**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

17326

17400

State of *Massachusetts*
County of *Suffolk*

COPY

Filed DEC 30 1961

at 3:55 o'clock P.M.
pd MAY RATHBUN
County Clerk and Recorder

T 13 R 20

County.....

(Under Chapter 237, Montana Session Laws, 1961)

(Elev. above sea level.....)

Owner Robert C. Shannon Address 701 W. Air St.


Driller LORENZO SIVAN Address 1000

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

Date well started 5-11-69 Date Completed 6-15-69

| | |
|--|--|
| Type of well..... (dug, driven, bored or drilled) | Equipment Used..... (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) |
| | | | | | | |

Static Water Level for non-flowing Well..... 7feet

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

Pumping Water Level.....feet at.....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).....

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

Show exact depth of bottom.

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

371.2.2

19365

COPY

State of Montana, } ss.
County of Fergus.

Filed MAY 22 1964 19
at 1:20 o'clock P.M.

Wey Rathbun
County Clerk and Recorder

2000

GW:

File No.

DUPLICATE

T

R

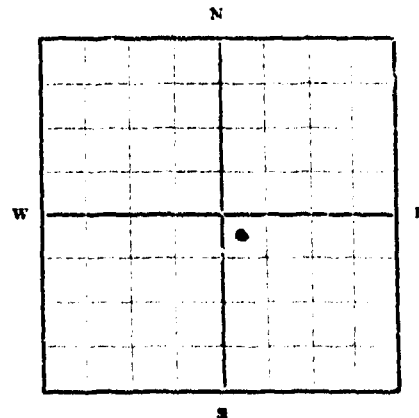
County

STATE OF MONTANA
ADMINISTRATOR OF GROUND WATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, L. H. Smith, of Butte, (Name of Appropriator) (Address) (Town) County of Butte, 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 (describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 100
4. The annual period (inclusive dates) of intended use from June 1 to September 1
5. The probable or intended date of first beneficial use June 1, 1962
6. The probable or intended date of commencement and completion of the well* or wells* June 1, 1962
7. The location, type, size and depth of well or wells contemplated 10 inch diameter, 100 feet deep
8. The probable or estimated depth of the water table or artesian aquifer 100 feet
9. Name, address and license number of the driller engaged John Doe, 123 Main St., Butte, MT, License No. 12345
10. Give such other similar information as may be useful in carrying out the policy of this act.



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

Signature of Appropriator

Date

* 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 School of Mines and Quadruplicate for the Appropriator.

GW 1

File No. 14364

DUPLICATE

T. 15 R. 20

County. Fern 105

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 20 1964

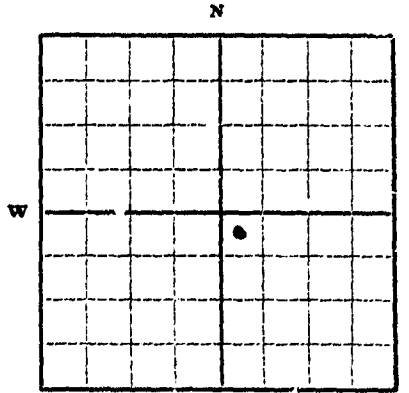
Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, LOREN S. HALL, of Butte, Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
(Name of Appropriator) (Address) (Town)
County of Butte, State of Montana
2. The beneficial use to which water is to be applied is domestic use
in Canyon
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 10 gpm
4. The annual period (inclusive dates) of intended use year round
5. The probable or intended date of first beneficial use 1964
6. The probable or intended date of commencement and completion of the well* or wells*
7. The location, type, size and depth of well or wells contemplated 4 1/2" 20' deep
in canyon
8. The probable or estimated depth of the water table or artesian aquifer 100'
9. Name, address and license number of the driller engaged John Doe

10. Give such other similar information as may be useful in carrying out the policy of this act.



1/4 Sec. 10 T. 15 R. 20
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Loren S. Hall
Date May 20 1964

* 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; Triuplicate to the School of Mines and Quadruplicate for the Appropriator.

38124

19364

COPY

State of Montana, } ss.
County of Fergus.

Filed MAY 22 1964 19
at 1:20 o'clock P.M.

May Kathleen
County Clerk and Recorder

\$2.00 ph

File No. **22563**T. 15 N. R. 2 E. S. 15

DUPLICATE

County Blaine

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

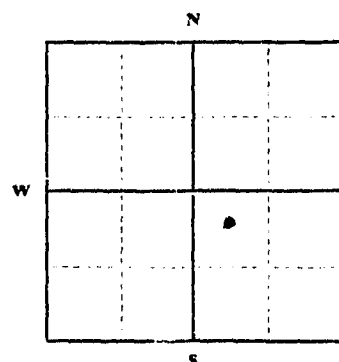
Owner LENN C. SWANSEN Address Elit Edge RouteDriller E. Mesamore Address Heath

Date of Notice of appropriation of ground water.....

Date well started Sept 1/64 Date completed Sept 21/64Type of well Drilled Equipment used Sable
(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 in. | 4 1/2 7 1/2 lb galv | 0 | 127 | torch | | 20 |

NW 1/4
SE 1/4 Sec. 15 T15N R2E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well.....feet.

Shut-in Pressure for Flowing Well 3.....feet.Pumping Water Level.....feet
at.....gal. per minute.

Discharge in gal. per min. of flowing well

15520

How Tested.....

Length of Test.....

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).

Home & Garden

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.

Driller's License Number

E. Mesamore
Driller's Signature

34619

22563

COPY

MAR 19 1965
1:40 o'clock P.M.
May Rathen
County Clerk and Recorder

#200 pt

File No. 17129

DUPLICATE

T. 15 R. 20County Fergus

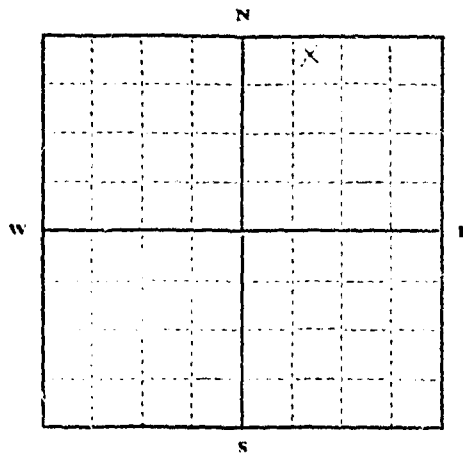
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 10 1968
STATE ENGINEER

1. Verne A. McQuinn & Albert, of Edinburg, Mont. Leavitt
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 17, T. 15 R. 20

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 well for house
use. Sheep shed. Used for irrigation.
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been. Approximately 6 Dec. 10 years
continuous. Mostly through
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1 inch 2 gallons per minute. It
has never been measured. Takes about 5 days
to pump out and pump up up 100 feet.
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
This is used to water the house
ground. Acreage. Belongs to Albert.
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal Hand pump
located in pasture near house.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. This well has been used since it was
dug, some 6 or 7 years ago by the J. J. Ranch Co.
8. The depth of water table. Depends upon moisture in ground. Average
15' or 20'. Has been known to run out the top of the well.
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 about 5' in diameter,
hand dug, cased by rocks and 3' deep. A hand
pump draws water out side and a pump in the
house basement electrically draws water for the house.
10. The estimated amount of groundwater withdrawn each year Not known.
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 no knowledge of any.

Signature of Owner Verne A. McQuinnDate Dec 10 1968

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.

14360

17129

COPY

State of New York, ss.
County of _____

Filed DEC 27 1963 19

at 1:40 o'clock P.m.

May Rothman
County Clerk and Recorder

200-21

GW.

17523

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

File No.

T 15 R 20

DUPLICATE

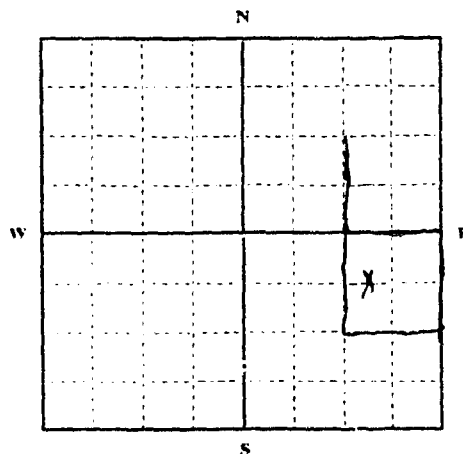
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred Carlson of Gilt Edge Route, Lewistown, Montana
(Name of Appropriator) (Address) (Town)
County of Fergus 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. 15 R. 20

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 Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1920 Continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
All
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
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pumping
NE 1/4 Sec. 18 T. 15 R. 20
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1920
8. The depth of water table
6'
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' Depth 36" Diameter Tile
10. The estimated amount of groundwater withdrawn each year
Unknown
11. The log of formations encountered in the drilling of each well if available
Clay
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 Fred Carlson

Date 12-30-62

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

18989

17523

State of Montana, } ss.
County of Fergus.

COPY

Filed..... DEC 3 1903
at 10:00 o'clock A.M.
\$2000 MAY RATHBUN
County Clerk and Recorder

File No. **17522**T. 15 R. 21

DUPLICATE

County Deer

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)

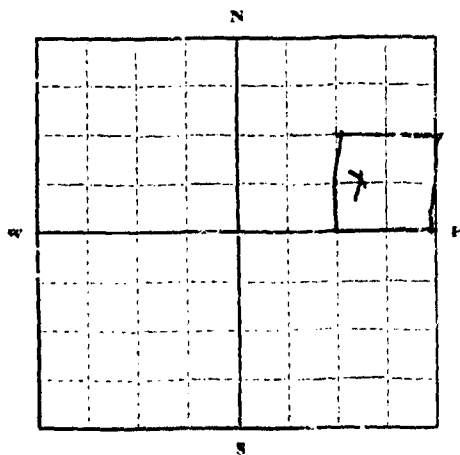
Date of Appropriation of Groundwater... **1920**Owner... **Fred Carlson** Address... **Gilt Edge Route
Leavittown, Montana**Contractor (if any) ... **None**Address of Contractor ... **None**Date Started... **1920** Date Completed... **1920**

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

Natural Flow**Surface**

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.

Continuous Flow**Continuous Use**Signature of Owner... *Fred Carlson*Date... **12-30-63**SE $\frac{1}{4}$ E $\frac{1}{2}$ Sec. 16 T. 15 R. 20

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

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.

17522

State of Montana, } ss.
County of Fergus }

COPY

DEC 3 1 1963

Filed _____ 19__

at _____ 10:00 o'clock A. M.

200 ft

MAY RATHBUN

County Clerk and Recorder

GW2

File No. 3086

T 15 R 20

DUPLICATE

County Fergus

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)

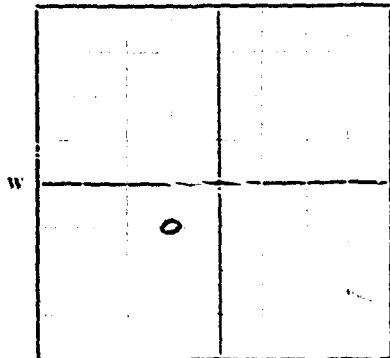
Top of Ground
(Elev. above sea level)
0
2
2
21
21
45
45
71
71
78
78
85
85
91
91
125
125
130
130
134
134
146
146
182
182
183
183
200
200
204
204
230
230
237
237
240

Surface soil
Red clay
Red sandy silty lime
Sandy lime
Red clay
Brown silty clay
Hard white rock
Red to purple silty clay
Silty lime
Dolomite onihidrite chert
Silty lime
Sand
Carbonatious
Sand
Sand, good porosity
Sand, good porosity (Water)
Silty sand
Dark shale T. D.

Owner John K. Berg Address Lewistown, Mont. Rout
Driller Wellman & Munson Drl Address Grass Range, Mont.
Date of Notice of Appropriation of Groundwater (Domestic)
Date well started Jan. 7, 1962 Date Completed Feb. 8, 1962
Type of well Drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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) |
| 5 5/8 | 11 Lb. 4 1/2 | 0 | 160 | | | |



NE 1/4 Sec. 23 T15 R20

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 approx. 30 Lbs.

Pumping Water Level feet at gal. per minute.

Discharge in gal. per min. of flowing well 7 Gal.

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)

Formation shut-off, Cemented

36
Driller's License Number

Wellman & Munson Drlg. Co. Inc.

Driller's Signature
H. C. Wellman

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.

1466

8586

COF.

State of Michigan }
County of Washtenaw }

Filed FEB 14 1962 79
at 9:20 o'clock PM
Way Rattray
County Clerk and Recorder

420-pm